

UNIVERSITY OF ILLINOIS

TRANSACTIONS
OF THE
BOARD OF TRUSTEES

July 1, 1950, to June 30, 1952

ANTHONY JAMES JANATA
Secretary

CONTENTS

Meeting of July 25, 1950.....	I
Meeting of September 29, 1950.....	335
Executive Committee Meeting of August 29, 1950.....	336
Meeting of October 26, 1950.....	427
Meeting of November 24, 1950.....	457
Meeting of December 28, 1950.....	481
Meeting of January 23, 1951.....	515
Executive Committee Meeting of January 23, 1951.....	516
Meeting of February 15, 1951.....	533
Executive Committee Meeting of January 11, 1951.....	563
Meeting of March 12-13, 1951.....	599
Meeting of April 19, 1951.....	649
Meeting of May 18, 1951.....	687
Executive Committee Meeting of May 18, 1951.....	733
Meeting of June 13, 1951.....	735
Meeting of July 25, 1951.....	833
Executive Committee Meeting of July 5, 1951.....	834
Meeting of September 19, 1951.....	1177
Meeting of October 23, 1951.....	1253
Meeting of November 23, 1951.....	1289
Executive Committee Meeting of November 2, 1951.....	1290
Meeting of December 17, 1951.....	1319
Meeting of January 21, 1952.....	1335
Meeting of February 22, 1952.....	1355
Executive Committee Meeting of February 14, 1952.....	1356
Meeting of March 12, 1952.....	1403
Meeting of April 24, 1952.....	1443
Meeting of May 26, 1952.....	1489
Meeting of June 19, 1952.....	1505
Index.....	1579

BOARD OF TRUSTEES

Members ex Officio

ADLAI E. STEVENSON, Governor of Illinois.....Springfield
VERNON L. NICKELL, Superintendent of Public Instruction.....Springfield

Elected Members

(Term 1947-1953)

JOHN R. FORNOF.....122 S. Bloomington Street, Streator
MRS. DORIS S. HOLT.....330 E. Sixth Street, Flora
PARK LIVINGSTON.....3600 North River Road, Franklin Park

(Term 1949-1955)

WIRT HERRICK.....120½ E. Main Street, Clinton
ROBERT Z. HICKMAN.....1202 First National Bank Building, Danville
MRS. FRANCES B. WATKINS.....5831 Blackstone, Chicago 37

(Term 1951-1957)

HAROLD E. GRANGE.....175 W. Jackson Blvd., Chicago 4
WAYNE A. JOHNSTON.....135 E. Eleventh Place, Chicago 5
HERBERT B. MEGHAN.....300 W. Front St., Harvard

Officers of the Board

PARK LIVINGSTON, President.....Franklin Park
A. J. JANATA, Secretary.....Urbana
LLOYD MOREY, Comptroller.....Urbana
C. W. WELDON, Treasurer.....First National Bank, Chicago 90

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

July 25, 1950



The July meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, at the University, in Urbana, on Tuesday, July 25, 1950, beginning at 11 o'clock a.m., Central Daylight Saving Time, according to the following schedule:

11:00 a.m. — Executive session, Committee of the Whole.

2:00 p.m. — Open session.

The following members were present: President Williamson, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Dr. Meyer, Mrs. Watkins.

President Stoddard was present; also Provost C. R. Griffith, Dean C. C. Caveny, of the Chicago Undergraduate Division, Comptroller Lloyd Morey, Mr. H. O. Farber, Assistant Comptroller, Mr. J. F. Wright, Director of Public Information, and Mr. A. J. Janata, Secretary of the Board.

EXECUTIVE SESSION

MINUTES APPROVED

The Secretary presented the minutes of the meetings of May 19-20 and June 22, 1950.

On motion of Mr. Herrick, the minutes of May 19-20 were approved as printed on pages 1121 through 1174 above.

On motion of Mr. Fornof, the minutes of June 22, 1950, were approved as printed on pages 1175 through 1283, subject to amendments offered by members of the Board within thirty days, since these minutes were not available for examination until today's meeting.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following recommendations and reports presented by President Stoddard.

LEAVE OF ABSENCE FOR DEAN LOUIS N. RIDENOUR

(1) At its meeting on May 19-20, 1950 (Minutes, page 1122), the Board granted leave of absence without pay to Dean Louis N. Ridenour for the period July 1, 1950, to September 1, 1951, for services as Special Assistant to the Secretary of the Air Force, for Development. I have authorized a minor change to leave of absence without pay from September 1, 1950, to September 1, 1951, and request confirmation of this action.

On motion of Mr. Herrick, the President's action was confirmed.

PATENT APPLICATION FOR BACON CURING PROCESS

(2) The Director of the Agricultural Experiment Station reports that Mr. Verliq K. Johnson, Assistant in Animal Science, has developed a process for the curing of bacon which appears to be superior to the process now used by the meat packing industry.

The new process appears to have commercial promise. There is, however, some question regarding the novelty and patentability. The University Research Board recommends that a patent search be authorized, that a patent application be filed if there is definite possibility that the process is patentable, and that the Board of Trustees obtain right to any patent which may be granted. Ultimately the Board may wish to put the management of any such patent in the hands of the University of Illinois Foundation.

I concur in these recommendations. In the meantime, the Foundation's patent attorneys have begun investigating the patentability of the process.

On motion of Mr. Hickman, these recommendations were approved.

PATENT OF MAGNETIC CORE DEVICE IN ELECTRONIC DIGITAL COMPUTER DESIGN

(3) The Dean of the Graduate College and Chairman of the University Research Board reports a development in the design of the electronic digital computer which involves the use of magnetic core elements to replace vacuum tubes in computer designs. Their advantages over vacuum tubes are in their greater ruggedness, considerably longer life, and lower power consumption. It is likely that small computers can be built with such elements which would have many advantages over present designs which require vacuum tubes or crystal diodes. It is desirable to protect this development for the public, and this can best be done if the University is able to obtain a patent on this new use of the magnetic core device.

He recommends that the Board authorize a patent search to determine if there are prior claims in this field, and that application for a patent be authorized if it appears that the device is patentable.

I concur.

On motion of Mr. Livingston, authority was granted as requested, provided that the employment of a patent attorney shall be subject to approval by the Executive Committee of the Board.

PURCHASE OF HOUSING FOR FACULTY

(4) In 1947 and in 1948, the Board of Trustees authorized the purchase of thirteen residence properties in Urbana-Champaign for rental to members of the faculty. Two of these properties are adjacent to properties previously acquired by the University as areas needed for future campus expansion so that those two acquisitions will serve a dual purpose.

It is desirable to extend this acquisition policy in order to provide additional housing needed for staff members who are joining the staff of the University September, 1950. Accordingly, I am recommending that the Board authorize the purchase of the following properties at the prices indicated:

	<i>Purchase Price</i>	<i>Appraisal</i>
920 W. Charles Street, Champaign	\$16 500	\$16 000
(Orin W. Rees, Owner)		
201 W. Pennsylvania Avenue, Urbana . .	18 250	18 500
(Josef F. Wright, Owner)		
1704 S. Race Street, Urbana	22 000	22 000
(Mrs. E. C. Wack, Owner)		
Estimated amount required for minor alterations and repairs	1 250	
<i>Total appropriation required</i>	<i>\$58 000</i>	

On motion of Dr. Meyer, these purchases were authorized and an appropriation of \$58,000 was made from the General Reserve Fund by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mr. Stevenson.

At this time, Mr. Livingston took his place with the Board.

USE OF UNIVERSITY PREMISES FOR POLITICAL MEETINGS

(5) At the meeting of the Board of Trustees on April 19, 1950 (Minutes, page 1068), I presented a proposal that University buildings and facilities in communications be made available to candidates for state and national offices from political parties recognized by the state of Illinois and to other responsible political speakers, subject to the approval of the President of the University. We have as a basis for this proposal a resolution of the Student Senate, endorsed by the All-University Forum Committee, that the present policy of the University, established by the Board in 1890, that "University buildings and grounds be not used for political purposes" be rescinded.

The Board referred this proposal to its Committee on General Policy; later the Committee on Buildings and Grounds was also asked to consider the matter since all members of the General Policy Committee are also on the Committee on Buildings and Grounds.

The President of the Board requested the President of the University to inquire into the practices of other universities. Accordingly, on April 22, an inquiry was sent to presidents of universities in the Association of American Universities. This is a representative group, including thirty-five universities in the United States and one in Canada. Twenty are private and sixteen are state universities. A report summarizing the replies received from these institutions was made to the President of the Board. On his request it was sent to all of the other members of the Board under date of May 26, 1950.

On April 26, 1950, the Chairman of the Committee on General Policy requested the Secretary of the Board to inquire into the practices and policies of all state universities. The Secretary of the Board addressed an inquiry to sixty-two state universities and colleges, selecting them from the membership of the Association of Governing Boards of State Universities and Allied Institutions.

A report of his survey was sent to members of the Board on June 19, 1950.

The survey made by the President of the University indicates that of the thirty-six universities in the Association of American Universities, twenty-six (nine state and seventeen private) institutions permit candidates for elective office to speak on their campuses and ten (five private and five state, including the University of Illinois) do not permit such use of their facilities.

The Secretary of the Board received sixty-one replies to his inquiry addressed to the members of the Association of Governing Boards of State Universities and Allied Institutions. His survey indicates that thirty-six permit the use of their facilities for addresses by candidates for political offices and twenty-five do not.

Consolidating the data from both surveys, and eliminating duplications (some of the members of the Association of American Universities are also members of the Association of Governing Boards of State Universities and Allied Institutions), we find that of the eighty-six colleges and universities replying to the inquiries, fifty-five permit candidates for political offices to speak on their campuses under specified conditions and official sponsorship and thirty-one do not. (If only the state institutions are counted, thirty-eight permit such use of their buildings and twenty-six do not.)

This group of institutions is a representative sampling of the colleges and universities in the United States as a whole. It includes all of the state universities and colleges (with the exception of normal schools and teachers' colleges) and the outstanding privately endowed universities.

Mr. Herrick for the Committee on General Policy reported that the Committee recommends that the present policy of the University, established in 1890, be continued.

After extended discussion of this matter, on motion of Dr. Meyer, the Board voted to concur in the recommendation of the Committee on General Policy.

CASE OF THOMAS R. ALLEN

(6) On May 19, 1950 (Minutes, page 1124), the Board received a report from the Director of Nonacademic Personnel that, under Civil Service law and rules, written charges as grounds for request for discharge had been filed against Thomas R. Allen, Storekeeper in the Department of Chemistry at the Chicago Undergraduate Division of the University of Illinois. Under established procedure Mr. Allen had been suspended on May 4, 1950, pending the hearing of these charges.

By authority of the Board, President Williamson appointed Frank T. Maher, Professor of Pharmacognosy and Pharmacology, Head of the Department, and Assistant Dean of the College of Pharmacy, Warren O. Brown, Dean of Men and Counselor in the Division of Special Services for War Veterans, and Clarence I. Carlson, Associate Professor of General Engineering Drawing and Head of the Department, Chicago Undergraduate Division, a committee to hear these charges and to make recommendations to the Board as to subsequent action. The report of the committee is submitted herewith.

On motion of Mrs. Holt, the Board voted (1) that it concurs in the findings of fact, conclusions of law, and recommendations of the hearing committee, (2) that the employee, Thomas R. Allen, be discharged as of May 4, 1950, and (3) that this decision of the Board be certified to the appointing officer and be enforced by him.

DELEGATION OF SIGNATURE

The Secretary presented the following:

The Board of Trustees on March 14, 1950 (Minutes, page 1042), adopted a resolution authorizing the President and the Secretary of the Board to delegate the signing of their names to vouchers against the State Auditor and warrants on the University Treasurer. In view of the change in the secretaryship it is requested that the following resolution be adopted:

Resolved, that the Secretary of the Board of Trustees is authorized to delegate to Maude Archdeacon and to Helen L. Smith in Urbana, and to G. R. Moon, to Ethel Engeljohn, to Helen Wyle, and to Velma M. Davis in Chicago,

authority to sign his name as Secretary of the Board of Trustees to vouchers against the State Auditor and to warrants on the University Treasurer, covering vouchers approved in accordance with regulations of the Board, and to contracts and other documents requiring execution in his absence. The Secretary of the Board of Trustees is authorized to delegate to Mrs. Freda M. Hicks and to Lean C. Ryan in Springfield, authority to sign his name as Secretary of the Board of Trustees on vouchers against the State Auditor approved in accordance with the regulations of the Board. And be it further

Resolved, that the First National Bank of Chicago as a designated depository of Irvin L. Porter, Treasurer of this corporation, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signatures of the two following: Kenney E. Williamson, President, and A. J. Janata, Secretary; and the First National Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens duly certified to or filed with the First National Bank of Chicago by the Secretary or other officer of this corporation. And be it further

Resolved, that the Auditor of Public Accounts is hereby authorized and directed to honor vouchers bearing facsimile signatures of the President and the Secretary of the Board of Trustees of the University of Illinois if such facsimile signatures resemble the facsimile specimens duly certified to or filed with the Auditor of Public Accounts by the Secretary.

On motion of Mr. Livingston, this resolution was adopted.

OPEN SESSION

When the Board convened in open session after luncheon recess, the same members and officers were present as during the forenoon session. The Board resumed consideration of the following reports and recommendations from the President of the University.

INTERNAL OPERATING BUDGET FOR 1950-1951

(1) I present the University's internal operating budget for all divisions and funds for the fiscal year beginning July 1, 1950, and for academic and administrative appointments beginning September 1, 1950. This budget has been prepared by the Provost and the Comptroller in accordance with policies approved by the President and in conference with deans, directors, and other administrative officers.

I recommend that:

1. This budget, covering the allocation of the University's operating income from all sources for the year beginning July 1, 1950, be approved.

2. The President of the University be authorized, in accordance with the needs of the University and the equitable interests involved and within total income, to (a) make such changes and adjustments as are needed, (b) make such additional appointments as are necessary, subject to the provisions of the University Statutes, and (c) accept resignations. All such changes will be covered in the Comptroller's quarterly financial reports, or in reports to the Board by its Secretary.

The budget was discussed by the President, the Provost, the Comptroller, and members of the Board.

On motion of Dr. Meyer, this budget was approved, the appropriations were made, and authority was granted, as requested, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. McLaughlin, Mr. Nickell, Mr. Stevenson.

The complete budget as approved is printed in full in the appendix, page 48.

INTERNAL BUDGET OF ATHLETIC ASSOCIATION FOR 1950-1951

(2) The Director of Intercollegiate Athletics submits, on behalf of the Board of Directors of the Athletic Association, the budget of the Association for 1950-1951 which is summarized as follows with comparative figures for the preceding year:

	1949-1950		1950-1951
	<i>Original Estimate</i>	<i>Revised Estimate</i>	<i>Proposed</i>
Income.....	\$754 100	\$755 307	\$768 800
Expenditures:			
Budget Appropriations.....	739 199	738 249	758 406
Special Appropriations.....		67 760 ¹	
<i>Total</i>	<i>(739 199)</i>	<i>(806 009)</i>	<i>(758 406)</i>
Excess of income over expenditures.....	\$14 901	\$-50 702	\$10 394

On July 1, 1949, the Athletic Association had a net operating surplus of \$147,877. It is estimated that on June 30, 1950, the operating surplus will be \$48,767.

The budget has been examined by the Provost and the Comptroller; those salaries paid jointly by the Athletic Association and the School of Physical Education have been approved by the Director of the School of Physical Education.

The budget includes a provision of \$10,394 to be allocated by the Board of Directors for contingency expenditures not to exceed \$1,000 for any one item.

I recommend that this budget be approved and that the President of the University be authorized to make such changes and adjustments, including approval of new appointments and acceptances of resignations, as are necessary and recommended by the Board of Directors of the Athletic Association within the total income realized.

Copies of this budget have been filed with the Secretary and the Comptroller of the Board.

On motion of Mr. Herrick, this budget was approved.

**APPOINTMENT OF LAURA J. HUELSTER AS HEAD OF THE
DEPARTMENT OF PHYSICAL EDUCATION FOR WOMEN**

(3) The Director of the School of Physical Education recommends the appointment of Dr. Laura J. Huelster, now Associate Professor and Acting Head of the Department of Physical Education for Women, as Associate Professor and Head of the Department on indefinite tenure beginning September 1, 1950, at an annual salary of \$6,500, services to be required during the two semesters of the regular academic year.

I concur in this recommendation.

On motion of Mrs. Holt, this appointment was made as recommended.

**APPOINTMENT OF C. J. BIRKELAND AS HEAD OF
THE DEPARTMENT OF HORTICULTURE**

(4) The Dean of the College of Agriculture and Director of the Agricultural Experiment Station recommends the appointment of Dr. C. J. Birkeland, now Acting Head of the Department of Horticulture, as Professor and Head of the Department of Horticulture on indefinite tenure effective September 1, 1950, at a salary of \$9,000 a year on a twelve months' basis.

I concur.

On motion of Dr. Meyer, this appointment was made as recommended.

**APPOINTMENT TO THE FACULTY MADE BY THE
PRESIDENT OF THE UNIVERSITY**

The Secretary reported that the President has approved the following new appointments to the faculty of the rank of Assistant Professor and above since the previous meeting of the Board of Trustees:

¹ Includes \$60,000 special appropriations for golf course development and operation.

1. DAVID P. AUSUBEL, Assistant Professor of Education, beginning September 1, 1950, at an annual salary of \$5,500.
2. ALVIN H. BEAVERS, Assistant Professor of Soil Physics, beginning July 15, 1950, at an annual salary of \$5,200.
3. NORMAN CAZDEN, Assistant Professor of Music, beginning September 1, 1950, at an annual salary of \$5,300.
4. LEE R. CHESNEY, JR., Assistant Professor of Art, beginning September 1, 1950, at an annual salary of \$4,200.
5. WILFRED A. GIBSON, Assistant Professor of Psychology, beginning September 1, 1950, at an annual salary of \$4,250.
6. ROGER G. HANSEN, Associate Professor of Dairy Biological Chemistry, beginning August 1, 1950, at an annual salary of \$6,200.
7. HOWARD B. HOLLENBECK, Assistant Professor of Social Welfare Administration, beginning September 1, 1950, at an annual salary of \$4,600.
8. MURRAY HORWITZ, Assistant Professor of Education, beginning September 1, 1950, at an annual salary of \$5,300.
9. ROBERT S. JONES, Assistant Professor of Education, beginning September 1, 1950, at an annual salary of \$4,200.
10. THEODORE B. KURTZ, Assistant Professor of Crowns and Fixed Partial Dentures, beginning September 1, 1950, at an annual salary of \$5,500.
11. ROBERT P. LINK, Assistant Professor of Architecture, beginning September 1, 1950, at an annual salary of \$4,800.
12. ETHEL MCNEIL, Associate Professor of Veterinary Pathology and Hygiene, beginning September 1, 1950, at an annual salary of \$6,000.
13. RICHARD D. MILLICAN, Assistant Professor of Journalism and Communications, beginning September 1, 1950, at an annual salary of \$5,200.
14. FLORENCE L. POOLE, Associate Professor of Social Welfare Administration, beginning September 1, 1950, at an annual salary of \$6,000.
15. LUIS A. SÁNCHEZ, Visiting Professor in the Department of Spanish and Italian, beginning September 1, 1950, at an annual salary of \$7,500.
16. KOENRAAD W. SWART, Visiting Lecturer in History, with the rank of Assistant Professor, beginning September 1, 1950, at an annual salary of \$4,900.

On motion of Mrs. Holt, these appointments were confirmed.

17. DONALD E. BECKER, Assistant Professor in the Department of Animal Science, beginning September 1, 1950, at an annual salary of \$5,500.
18. LLOYD L. KEMPE, Assistant Professor of Food Engineering, beginning September 1, 1950, at an annual salary of \$6,000.
19. LEWIS MIHELICH, Psychiatrist and Associate Professor of Hygiene, beginning September 1, 1950, at an annual salary of \$9,500.

On motion of Dr. Meyer, the appointments of Lloyd L. Kempe, Lewis Mihelich, and Donald E. Becker were approved.

APPOINTMENTS TO THE FACULTY OF THE AFFILIATION PROGRAM FOR HOSPITAL SCHOOLS OF NURSING

(5) The Vice-President in charge of the Chicago Professional Colleges recommends the following appointments to the faculty of the Affiliation Program for Hospital Schools of Nursing and of the University of Illinois-Cook County School of Nursing for the academic year beginning September 1, 1950. Except as indicated, these appointments are all without salary and are analogous to the Clinical Faculty of the College of Medicine.

I recommend that these appointments be approved and that the President of the University be authorized to make such changes as are necessary.

Coordinator

EMILY C. CARDEW, Assistant Professor of Nursing Education and Coordinator of the Affiliation Program for Hospital Schools of Nursing

University of Illinois School of Nursing

With the rank of Assistant Professor

MRS. ANN LUCILLE LAIRD, Director of Nursing

RUTH M. CARROLL, Associate Director of Nursing

With the rank of Clinical Instructor

HELEN BRUCK, Orthopaedic Nurse

DOROTHY RAUSCH, Pediatric Nurse

With the rank of Assistant Clinical Instructor

ALICE MILLER, Assistant Director of Nursing

ANTOINETTE RADEK, Assistant Director of Nursing

MRS. ELIZABETH WANISH FURNAS, Assistant Director of Nursing

MRS. ELLEN FINNIGAN, Assistant to the Director of Nursing

EUNICE MERRITT, Assistant to the Director of Nursing

JUANITA HAMILTON, Assistant to the Director of Nursing

GRACE CALMER, Assistant to the Director of Nursing

FRANCES BURGA, Assistant to the Director of Nursing

The above-named staff members are in the regular budget as they will continue to receive salaries from the University of Illinois because of their University positions in the Research and Educational Hospitals and in the School of Nursing. They are being included here for completeness.

Presbyterian Hospital School of Nursing

With the rank of Assistant Professor

HENRIETTA FROEHLKE, Director, School of Nursing and Nursing Service

LYDIA GIHRING, Associate Director in charge of Service

CARRIE B. MCNEILL, Associate Director in charge of Education

With the rank of Assistant Clinical Professor

BEULAH HUNZIKER, Director, Dietary Department

With the rank of Instructor

CAROLINE PIEPER, Student Counselor and Director of Residence

MADELON REEVES, Nursing Arts Instructor

JOSEPHINE SCHILDBERG, Diet Instructor

MAGDALEN STEWARD, Science Instructor

With the rank of Clinical Instructor

FRANCES BREWER, Instructor, Surgical Nursing

CLARISSE GALLOWAY, Director, Student Health

ANNE KIMMEL, Instructor, Gynecological Nursing

MARY LOUISE MORLEY, Instructor, Pediatric Nursing

EDNA ANN PRICKETT, Instructor, Operating Room Technique

ADA QUINNELL, Instructor, Outpatient Department

VIRGINIA SCANLON, Instructor, Medical Nursing

MARY SPENCER, Instructor, Medical and Surgical Nursing

MARY LOUISE WATSON, Instructor, Obstetrical Nursing

With the rank of Assistant Instructor

NELLA DEN HERDER, Librarian

MABEL HUBBARD, Assistant Nursing Arts Instructor

RUTH JOHNSEN, Assistant Science Instructor

CAROL STIKA, Assistant Nursing Arts Instructor

With the rank of Assistant Clinical Instructor

ETHEL MAE DAVIES, Evening Supervisor

LELITH DAVIS, Assistant Evening Supervisor

ELPHIA FLUGUM, Assistant Director

DOROTHY MUELLER, Assistant Night Supervisor

MARTHA PARK, Night Supervisor

DOROTHY PROVINE, Assistant Director

ELEANOR SMITH, Assistant Director

St. Luke's Hospital School of Nursing

With the rank of Assistant Professor

MADELEINE MCCONNELL, Director, School of Nursing and Nursing Service,

and Assistant Director in charge of Nursing Education

JOSEPHINE GILBERT, Assistant Director in charge of Nursing Service

GRACE H. MATEO, Senior Science Instructor

With the rank of Instructor

MARGARET M. BELL, Assistant Director in charge of Residence and Social Program

_____, Librarian

MARY PATTERSON CASTELLANOS, Instructor in Dietetics

INGEBORG G. MAUKSCH, Instructor in Nursing Arts

BETSY RASMUSSEN, Instructor in Sciences

With the rank of Clinical Instructor

CONSTANCE AMESBURY, Instructor-Supervisor, Medical Nursing

MARIE C. ANTE, Instructor-Supervisor, Operating Room Nursing

JEAN A. COFFIN, Instructor-Supervisor, Pediatric Nursing

HETTIE GOOCH, Instructor-Supervisor, Clinic Nursing

MABLE A. JOHNSON, Instructor-Supervisor, Obstetrical Nursing

STELLA KONECKO, Instructor-Supervisor, Nurses Health

MARIAN G. MILLER, Instructor-Supervisor, Surgical Nursing

JEANNE M. DARCEY, Instructor-Supervisor, Dietetics

OLIVE F. RICHARDSON, Instructor-Supervisor, Medical Nursing

ELIZABETH M. BAUM, Instructor-Supervisor, Neuropsychiatric Nursing

J. EVELYN VAN DE STEEG, Instructor-Supervisor, Surgical Nursing

HELEN S. RUTHERFORD, Instructor-Supervisor, Evening and Night Nursing

With the rank of Assistant Instructor

VIRGINIA T. CALECA, Assistant Instructor in Sciences

With the rank of Assistant Clinical Instructor

GRACE C. FINCH, Director, Medical Social Service

GEORGIANA KELLY, Assistant Instructor-Assistant Supervisor, Operating Rooms

ALLISON MYERS, Assistant Instructor-Assistant Supervisor, Operating Rooms

CATHERINE YEOMANS, Assistant Instructor-Head Nurse, Clinic

IDA GINDELE, Assistant Instructor-Supervisor, Private Medical and Surgical Floors

MAUD GOOCH, Registrar

RUTH KEHNLE, Night Supervisor

ELSA A. RUDOLPH, Assistant Director in charge of Auxiliary Workers, Supplies, and Equipment

MARIE STEINKE, Assistant to Assistant Director in charge of Nursing Service

GLADYS TIEGS, Night Supervisor

PEARL WITTMACK, Assistant Instructor-Head Nurse, Clinic Orthopedic Department

NORA M. GAULKE, Instructor, Paid Nurses' Aides

LEILA T. BOSTWICK, Assistant Evening and Night Supervisor

University of Illinois-Cook County School of Nursing

With the rank of Assistant Professor

E. ELIZABETH GEIGER, Director of Cook County School of Nursing and Director of Nursing Service

EVELYN MISSEL BROWN, Associate Director in charge of Nursing Education

FRANCES L. A. POWELL, Associate Director in charge of Nursing Service

LAILA SKINNER, Personnel Director

LYDIA BRICKBAUER, Assistant Personnel Director

With the rank of Assistant Clinical Professor

MILLIE E. KALSEM, Director of Dietary Department

JOSEPHINE G. TAYLOR, Director of Social Service Department

LELA CROHN, Director of Psychopathic Social Service

DOROTHY BUFFINGTON RICHMOND, Director of Volunteers

HARRIET R. LOOMIS, Assistant Director in charge of Communicable Disease Nursing Service, Tuberculosis Nursing Service

_____, Assistant Director in charge of Medical Nursing Service

ALMA DIESON, Coordinator and Assistant Director of Nursing Service

CASSIE ELIZABETH KOST, Coordinator and Assistant Director of Nursing Service

- NAOMI L. QUESTELL, Assistant Director in charge of Nursing Service at Night
VELMA N. FORESMAN, Assistant Director in charge of Obstetric and Gynecologic Nursing Service
ELIZABETH S. NEWTON, Assistant Director in charge of Outpatient Nursing Service; Director of Health and Welfare
ELLEN ELIZABETH DEVER, Assistant Director in charge of Pediatric Nursing Service
_____, Assistant Director in charge of Psychiatric and Neurologic Nursing Services
M. LUELLA GARDNER, Assistant Director in charge of Surgical Nursing Service
- With the rank of Instructor
JESSIE SMALL, Instructor, Food and Nutrition, Diet Therapy, Childhood Nutrition; Assistant Director, Dietary Staff, Cook County Hospital
FRANCES REDMOND, Instructor, Nursing Arts
BERNICE FASH, Instructor, Physical Education, Emergency Nursing
_____, Instructor, Sciences
- With the rank of Clinical Instructor
CLARA ERICKSON, Instructor, Clinic Nursing
ESTHER J. BELL, Instructor, Communicable Disease Nursing
EDITH L. NEWMAN, Instructor, Dermatologic, Venereal Diseases and Urologic Nursing
GRACE PATON, Instructor, Eye, Ear, Nose, and Throat Nursing
ADELAIDE FRITZ, Instructor, Medical Nursing
GERTRUDE MANDT, Instructor, Neurologic Nursing
BEATRICE THOMPSON NISIUS, Instructor, Obstetric and Gynecologic Nursing
_____, Instructor, Orthopedic Nursing
MARIAN SIMKIN, Assistant in charge of Outpatient Nutrition Clinic
MARGUERITE L. MARTIN, Instructor, Pediatric Nursing
LENORE KIMBALL, Instructor, Psychiatric Nursing
VIOLA D. WARD, Instructor, Social Service
SHIRLEY GRAFFAM, Instructor, Surgical Nursing
MARYALICE GRUESBECK, Instructor, Operating Room Technique
LOIS MAE CUSHMAN, Instructor, Tuberculosis Nursing
- With the rank of Assistant Instructor
HELEN JOAN KABELLA, Assistant Instructor, Nursing Arts
_____, Assistant Instructor, Sciences
HARRIET M. ALBRIGHT, Chief Librarian
- With the rank of Assistant Clinical Instructor
LENORA LINSON, Afternoon Administrative Supervisor
KATHRYN WILLIAMS, Supervisor of Nursing, Admitting Service
KATHRYN JENKINS, Supervisor of Admitting Department
MARGARET E. PURCELL, Supervisor of Auxiliary Nursing Service
RUTH E. KNUTSON, Supervisor of Communicable Disease Nursing Service, Dermatologic, Urologic, and Tuberculosis Nursing Services
MILDRED MARCHETTI, Instructor, Communicable Disease Nursing
GERTRUDE STILWELL, Afternoon Supervisor of Communicable Disease Nursing Service
JOSEPHINE ODENEAL, Night Supervisor of Communicable Disease Nursing Service
ITA R. McDONELL, Supervisor of Medical Nursing Service
MARTHA MERTIELE SCHEEF, Supervisor of Medical Nursing Service
FLORENCE DARMS, Supervisor of Medical Nursing Service
MILDRED J. MILLER, Supervisor of Medical Nursing Service
DEE ANN GILLIES, Assistant Instructor, Medical Nursing
BERTHA SLEPICKA, Supervisor of Obstetric and Gynecologic Nursing Service
ANNIE JANE GOULD, Supervisor of Obstetric Nursing Service
HELEN MARGARET EDDY, Instructor, Care of Newborn; Supervisor of Nurseries
VIVIAN SMEDLEY, Night Supervisor of Obstetric Nursing Service
HILDEGARDE MOEHL, Instructor, Clinic Nursing; Supervisor of Outpatient Nursing Service
PHYLLIS STEVENS MEALY, Supervisor of Pediatric Nursing Service

HELEN LILLIAN AMUNDSEN, Afternoon Supervisor of Pediatric Nursing Service
 DeLOIS HEIL, Night Supervisor of Pediatric Nursing Service
 ———, Supervisor of Pediatric Nursing Service
 CORA PERRIN, Supervisor of Pediatric Nursing Service
 MARY EILEEN HENNEBERRY, Supervisor of Pediatric Nursing Service
 IRENE KALNICKY, Supervisor of Pediatric Nursing Service
 EUNICE LENZ, Supervisor of Pediatric Nursing Service
 MARGARET WOESTHOFF, Supervisor of Pediatric Nursing Service
 JANICE R. GORIN, Director, Child Development Unit, Pediatric Department
 EMILY A. SKORUPA, Supervisor of Psychiatric Nursing Service
 ———, Supervisor of Psychiatric Nursing Service
 WANETA LEAR, Afternoon Supervisor of Psychiatric Nursing Service
 MAGDALENE TURNER, Night Supervisor of Psychiatric Nursing Service
 MARGARET DAGWELL, Assistant Instructor, Psychiatric Nursing
 BARBARA J. SNOKE, Instructor, Social Service
 LELA PRUTSMAN, Supervisor of Surgical Nursing Service
 LUCILLE ANNE GAUKROGER, Administrative Supervisor of Nursing Service of Operating Room
 RUTH GRESSITT, Supervisor of Nursing Service of Operating Room
 MARIE GLUNT, Supervisor of Nursing Service of Operating Room
 WILLIAM CHARLES BRUNNER, Supervisor of Sterile Supplies Department
 ———, Supervisor of Surgical Nursing Service
 EDNA HILL, Supervisor of Surgical Nursing Service
 AUGUSTINE PARKS, Supervisor of Surgical Nursing Service
 MABEL WILSON, Supervisor of Surgical Nursing Service
 ELIZABETH PENNYPACKER, Assistant Instructor, Surgical Nursing
 MARY JANE COOPER, Assistant Instructor, Surgical Nursing

Michael Reese Hospital School of Nursing

With rank of Assistant Professor

MILDRED LORENTZ, Director of School of Nursing and Nursing Service
 FLORENCE YOUNG, Associate Director, Nursing Service
 TRESSA KENEIPP, Associate Director, Nursing Education

With the rank of Assistant Clinical Professor

RUTH KAHN, Director of Dietary Department and School of Dietetics
 CHARLOTTE LUDWIG, Educational Director, Dietary Department and School of Dietetics

With the rank of Instructor

RUTH PETERSEN, Instructor in Anatomy and Physiology and Pharmacology
 SYLVIA BARKER, Instructor in Nursing Arts
 CAROLYN AMSTEIN, Instructor in Microbiology, Chemistry, and Public Hygiene
 RUTH BABCOCK, Assistant Director and Student Counselor

With the rank of Clinical Instructor

NANCY MYERS, Instructor in Obstetric Nursing and Supervisor, Obstetric Department
 LAURA WIELGUS, Instructor in Nursing of Children
 PAULA WEINS, Director of Clinical Instruction
 HELEN HARRIS, Clinical Instructor
 VERA VARDAMAN, Instructor in Operative Aseptic Technique
 LUCILLE RUSKY, Instructor in Medical Nursing and Supervisor, Medical Units
 MARGARET BARNETT, Instructor in Surgical Nursing and Supervisor, Surgical Units
 ANN COMSTOCK, Assistant Director, Nursing Service (Rotation and Staffing)
 FLORENCE VAUGHN, Assistant Director, Nursing Service (Health Director and Instructor in Personal Hygiene)
 MABEL GRAPER, Assistant Director, Nursing Service (in charge of Nursing at Night)

With the rank of Assistant Instructor

LINDA ARGIRY, Assistant Nursing Arts Instructor
 LILA THORNTON, Assistant Science Instructor

MARYROSE PRATTER, Instructor in Physical Education and Recreational Director

CHARLOTTE STUDER, Librarian

With the rank of Assistant Clinical Instructor

VERA KEZAR, Laboratory Assistant, Nursing Arts

BEATRICE HERVEY, Supervisor, Operating Room Service

EVELYN LUNDEEN, Supervisor, Premature Nursing Station

EUNICE CHARLES, Supervisor, Pediatric Department

MARIE KINKEL, Supervisor, Private Pavilion

ELIZABETH MORGAN, Assistant Supervisor and Instructor in Obstetric Nursing

ELIZABETH HANSEN, Assistant Director, Nursing Service

OLGA BAKKEN, Assistant Director, Nursing Service (in charge of Auxiliary Personnel)

GLORIA FISHER, Assistant Supervisor, Nursing at Night

_____, Assistant Supervisor, Nursing at Night

ANNE PEDERSEN, Dietitian in charge of Therapeutic Diets

MARGARET WYLIE, Dietitian in charge of Food Preparation in the Diet Kitchen

LILLIAN NELSON, Dietitian in charge of Milk Laboratory and Pediatric Food Service

On motion of Dr. Meyer, these appointments were made as recommended.

CHANGES IN CIVIL SERVICE CLASS SPECIFICATIONS AND SALARY RANGES

(6) The Director of Nonacademic Personnel recommends the following changes in University Civil Service positions, to become effective July 1, 1950: (1) additions to class specifications; (2) changes in salary ranges of existing class specifications; (3) changes in existing class specifications; (4) revisions of specifications; and (5) deletions from class specifications.

I concur in the Director's recommendations.

New Classifications

Aide, Junior Engineering

SALARY RANGE: \$175-250.

DEFINITION: Under immediate supervision, to assist in engineering work by performing semi-technical routine work in office or field, as assigned.

DUTIES BY EXAMPLE: Assist survey party as rodman or chairman, clearing brush, driving stakes, plotting sections, reducing notes, computing earthwork data, checking areas, and checking such work done by others; make tracings of elementary drawings, plats, etc., prepared by others; other work of similar character and responsibility as assigned.

QUALIFICATIONS: Graduation from a recognized high school; ability to carry out written and oral directions; working knowledge of engineering terms and equipment; good physical condition; minimum age eighteen.

Assistant, Dental Clinic

SALARY RANGE: \$175-250.

DEFINITION: Under general supervision, to perform responsible technical duties pertaining to the operation of a dental clinic.

DUTIES BY EXAMPLE: To assist instructional and administrative staff in clinical operations; sterilize instruments and supplies; set up sterile trays; arrange appointments for students and patients; assist at the dental chair; supervise students and patients under the rules for clinic management; make up and file patients' records; prepare reports; perform related duties as assigned.

QUALIFICATIONS: High school education; two years of college education preferable unless lack is offset by significant experience. At least one year experience in medical or dental clinic or in dental office or allied fields. Typing desirable but not essential. Good health, good judgment, and pleasant personality.

Assistant, Junior Printing

SALARY RANGE: Prevailing.

DEFINITION: Under direction of the Superintendent of Print Shop and Senior Printing Assistant to perform duties involving the use of professional knowledge.

DUTIES BY EXAMPLE: To write job tickets, learn to prepare copy and layouts, learn to approve press proofs, assist in preparation of offset jobs, meet and work with persons requesting services from the University Press, and perform related duties as assigned.

QUALIFICATIONS: High school graduate, college graduate preferred, print shop experience, some ability to typewrite, clerical aptitude, aptitude for attention to details, good personality, and ability to work with people; minimum age twenty-one.

Autographer, Music Extension

SALARY RANGE: \$300-450.

DEFINITION: Under the Dean of University Extension and the Director of Music Extension, to be responsible for the mechanical phases of production and distribution of Music Extension materials.

DUTIES BY EXAMPLE: Confer with authors; design releases; set up and maintain mailing lists; supervise distribution of mailings; carry out approved editorial policies; prepare and edit copy; determine processes of production; set up and maintain photographic and other visual aids files; perform administrative and supervisory duties as directed.

QUALIFICATIONS: Knowledge of mailing, drafting, printing processes, copy fitting and layout, typography, engraving, copyreading, and musical score reading; completion of professional courses in printing and publishing and/or at least two years successful experience in a responsible position in the music publication field; high degree of musical technique and musicianship; initiative; administrative and supervisory ability; minimum age twenty-one.

Clerk, Supervising Medical Records

SALARY RANGE: \$175-250.

DEFINITION: To be responsible for and to supervise files in a Medical Record Department.

DUTIES BY EXAMPLE: To supervise the uses of the patient medical records; sorting, coding, inserting of added material; accurate pulling and filing of medical records; prompt delivery to clinics; dependable out-guide system; furnishing material for research; assigning and supervising the work of assistants; perform related duties as required.

QUALIFICATIONS: High school graduation, with college graduation desirable; at least five years experience in filing some of which should have been in a college or university; tact, supervisory ability, knowledge of personnel problems; knowledge of medical record procedures; minimum age twenty-five.

Custodian, Night

SALARY RANGE: Prevailing.

DEFINITION: Under supervision to act as night caretaker of buildings and grounds at the President's residence.

DUTIES BY EXAMPLE: Act as receptionist for night deliveries and telephone calls in absence of regular staff; make periodic check of operation of household heating, ventilation, and utility services and report need of maintenance and/or repair; assist domestic staff in moving furniture, rugs, mattresses, packing cases, and other heavy objects; be responsible for general security of the house and possessions; perform related general utility duties as assigned.

QUALIFICATIONS: Elementary school education; sufficient experience in a position of trust to establish acceptable character references as to honesty, trustworthiness, and discretion; agreeable disposition, courteous, neat appearance, and good physical condition; minimum age twenty-five.

Engineer, Laboratory Operating (Chicago)

SALARY RANGE: Prevailing.

DEFINITION: Under direction to operate and maintain equipment in Aero-medical and Physical Environment Laboratory Building and assist with construction of experimental apparatus.

DUTIES BY EXAMPLE: Operate power and hand tools; maintain and operate vacuum pumps and refrigeration units; operate low pressure and constant temperature chambers; construct experimental equipment; assist in experiments; perform related duties as assigned.

QUALIFICATIONS: Grade school graduation; high school graduation desirable; good physical condition; extensive experience and training in maintenance and operation of power house equipment; ability to think and act quickly in an emergency; dependability; good judgment; minimum age twenty-five.

Engineer, Recording

SALARY RANGE: \$275-400.

DEFINITION: Under administrative supervision, to be responsible for the operation of the recording service of the radio station, and related work involved in the maintenance and repair of recording equipment, including disc, tape, and wire equipment.

DUTIES BY DEFINITION: To supervise and do recordings on disc, tape, and wire recording equipment; have knowledge of technical operations of equipment involved in recording and speech-input equipment required for recordings so that it works properly; repair recording equipment of any type; test recording equipment as needed.

QUALIFICATIONS: College or technical school training, or equivalent, with special training in radio engineering; practical experience in operating recording equipment; knowledge of standards generally accepted by broadcasting industry in matters relating to instantaneous recordings; good judgment and ability to deal harmoniously with the faculty and staff; minimum age twenty-one.

Estimator

SALARY RANGE: \$300-450.

DEFINITION: Under supervision, to make routine estimates of maintenance and repair costs.

DUTIES BY EXAMPLE: To compute labor, material, equipment, and installation costs; compile lists of materials needed by the Physical Plant Department; compute unit costs; assist in surveying and drafting; estimate cost of repair jobs; perform related duties as assigned.

QUALIFICATIONS: University graduation from a recognized college of engineering and four years of experience in a recognized contractor's or engineer's office preparing estimates or supervising work; in lieu of University degree, substitution of experience in responsible charge of construction work may be made year for year up to a maximum of four years; minimum age twenty-six.

Food Server

SALARY RANGE: Prevailing.

DEFINITION: Under direct supervision, serves food to customers from steam tables, counters, and soda fountains.

DUTIES BY EXAMPLE: Prepares food for serving, involving such operations as obtaining and placing pans of food on steam tables, cutting pies and placing them on individual plates, arranging salads, placing such items as rolls, cold plate lunches, and desserts on counter, filling coffee urns, making toast, and preparing sandwiches; serves meat, potatoes, gravy, vegetables; fills coffee cups; ladles soups; scoops ice cream, serves soft drinks; and does similar work at steam tables, counters, and soda fountains, depending on particular assignment; cleans counters, steam tables, equipment, and general work area; occasionally receives payment from customers and gives information on price of items; does related work as assigned.

QUALIFICATIONS: Grade school graduation; ability to pass food handler's examination; cleanliness; good physical condition; willingness to work as directed; minimum age eighteen.

Foreman, Photo Offset

SALARY RANGE: Prevailing.

To perform, and to direct others in performing, the various operations of offset printing; to be responsible for the care of the machines in the work rooms under his supervision; to be responsible for the quality of the completed work done under his direction; high school graduation and seven years of practical job training required.

Laborer, Food Service Utility

SALARY RANGE: \$160-225.

DEFINITION: Under supervision to perform physical labor in food service areas.

DUTIES BY EXAMPLE: To perform miscellaneous kitchen duties requiring physical labor, such as delivering supplies to kitchen and storeroom, transporting food stuffs between departments, cleaning refrigerators and keeping them in order, and any other duties assigned.

QUALIFICATIONS: Grade school graduation or equivalent; male; good physical condition; willingness to work as directed; minimum age twenty-one.

Laundry Inspector

SALARY RANGE: \$150-225.

DEFINITION: Under supervision to inspect the sorting of all articles to be laundered; checking and inspecting of all articles that have been laundered.

DUTIES BY EXAMPLE: To inspect sorting of soiled linens for colored items, wools, silks, and check weight and count and prepare for washing operations. Inspect for quality of work processed and immediate supervision of flat work, rough dry or finished pressroom operations. Weigh and count; inspection of billing slips; inspection of packing, wrapping, and delivery schedule; keep records.

QUALIFICATIONS: Grammar school education; high school education preferred; general laundry experience can be substituted for high school education; good health; ability to keep records; integrity; ability to perform work as directed; minimum age twenty-eight.

Maid, Linen

SALARY RANGE: Prevailing.

DEFINITION: Under direct supervision to be responsible for care and operation of the linen room, and do work requiring some skill in sewing.

DUTIES BY EXAMPLE: Receive and issue linens and uniforms. Check in and out soiled and clean linens and uniforms to laundries, keep inventory records of supplies, be responsible for cleanliness of linen room and orderly storage of linens. Keep uniforms and linens in good repair, make curtains, and perform other related duties as requested.

QUALIFICATIONS: Grade school education required, and some high school preferred. Experience in handling supplies and keeping records desirable; ability to do hand and machine sewing; suitable personality for dealing with people; dependability; willingness to work; minimum age twenty-five.

Manager, Nurses Residence

SALARY RANGE: \$225-325.

DEFINITION: Under the Director of Nursing to be responsible for the management of the Nurses Residence.

DUTIES BY EXAMPLE: To be responsible for the efficient functioning of the Nurses Residence; maintain a home-like atmosphere in the Residence and carry out established principles and policies; make regular inspection of rooms and enforce regulations of cleanliness and orderliness; approve condition of vacant rooms for new occupants; responsible for linen supply, keep record of all linen exchanged; perform office duties, such as, answering desk telephone and door bell, receiving and delivering messages; order supplies; report need for repairs and replacements of furnishings; keep record of all keys; make written reports as required; visit and care for Nurses when ill; accompany physician to their room when indicated; notify Nursing Office of condition of sick nurses daily; arrange for meals for sick nurses; assist with the guidance and direction of student nurses; perform related duties as assigned.

QUALIFICATIONS: University graduation or equivalent training or experience; supervisory ability and leadership qualities; courteous; quiet manner; pleasant personality; tact; good judgment; minimum age thirty-five.

Nurses' Aide, Senior

SALARY RANGE: \$160-200.

DEFINITION: Under the direction of Nurses to assist in and perform routine duties in hospital wards and divisions.

DUTIES BY EXAMPLE: Perform Nurses' Aides duties and in addition may be assigned nursing service to patients under direct supervision of a Nurse; take temperature, pulse, and respiration; measure and record intake and output; give

oil and retention enemas; prepare treatment trays; prepare surgical dressings, supplies, and gloves for sterilization. Perform related duties as assigned by the Nurse in charge.

QUALIFICATIONS: Grade school graduation; high school desirable. To have served a minimum of one year as Nurse's Aide. Qualified to superior work and have sufficiently passed the examination for the in-service training program. Capable of assuming added responsibility. Good health and physical condition; pleasing personality; ability to get along well with patients, relatives, doctor, nurses, and other workers. Minimum age twenty.

Operator, Blue Print Machine

SALARY RANGE: \$150-225.

DEFINITION: Under general supervision to do independent work requiring skill and training in blue print and black line reproduction work.

DUTIES BY EXAMPLE: To do blueprinting, making of Van Dyke negatives and positives, Ozalid black line prints and Ozalid blue line prints.

QUALIFICATIONS: High school graduation; thorough knowledge of blue print and black line direct positive printing; at least two years experience in blue print work; good physical condition; minimum age twenty.

Police Sergeant

SALARY RANGE: Prevailing.

DEFINITION: Under supervision of the next ranking police officer to be responsible for shift operations as assigned.

DUTIES BY EXAMPLE: In the absence of a superior officer to direct the work and personnel of the assigned shift as follows: supervise investigations; coordinate work of traffic squad; act as liaison between patrolmen and headquarters; supervise activities of shift details; act as desk sergeant as directed by superior officer; perform related duties as assigned.

QUALIFICATIONS: Two years' high school education with graduation desirable; one year's experience as a policeman; excellent physical condition; thorough knowledge of law enforcement procedures; courage; initiative; tact; pleasing personality; ability to maintain command in an emergency situation; ability to handle men; minimum age twenty-five.

Pot Washer

SALARY RANGE: Prevailing.

DEFINITION: Under direct supervision, cleans cooking utensils and kitchen equipment by hand and performs other manual work in the kitchen as assigned.

DUTIES BY EXAMPLE: Gathers dirty cooking utensils and kitchen equipment such as pots, pans, and ladles, and scrapes off food residue into garbage receptacle. Washes and scours utensils and equipment with brush and steel wool, and rinses and dries them. Returns cleaned items to proper places in kitchen. Cleans working area, including sinks, tables, and floor area. May deliver supplies and utensils to kitchen employees and participate in general cleaning of kitchen. Does related work as assigned.

QUALIFICATIONS: Grade school graduation; ability to pass food handler's examination; cleanliness; good physical condition; willingness to work as directed; minimum age eighteen.

Salad Maker

SALARY RANGE: Prevailing.

DEFINITION: Under direct supervision, prepares salads, dressings, appetizers, sandwich mixtures, cold plate combinations in quantity and on order, cleans area, refrigerator, and pantry, and performs other related and assigned duties.

DUTIES BY EXAMPLE: Prepares vegetables and fruits for salads by washing or peeling, slicing, dicing or chopping; prepares ingredients and mixes salad dressing, sauces, and food cocktails according to detailed instructions; prepares salads and cold plate combinations by arranging ingredients attractively and adding dressings and garnishes; prepares ingredients for sandwiches by slicing meats and cheese; prepares sandwich mixtures and garnishes; makes sandwiches by placing ingredients between slices of bread or toast, trimming, cutting to attractive size and shape, and adding garnishes or side orders if required; dis-

poses of waste food, cleans equipment, work area and utensils, refrigerator, and pantry, does related work as assigned.

QUALIFICATIONS: Grade school graduation; ability to pass food handler's examination; cleanliness; good physical condition; willingness to work as directed; minimum age eighteen.

Superintendent, Electrical Construction

SALARY RANGE: \$500-700.

DEFINITION: Under administrative supervision to be responsible for the direction, inspection, and supervision of the work of contractors on major University electrical construction projects, including primary electrical power installations and building distribution systems.

DUTIES BY EXAMPLE: To direct, inspect, and supervise work being done by contractors on major University electrical construction projects; direct field and performance tests; interpret architects' and engineers' drawings and specifications; act as liaison between contractors, architects, engineers, and the University; maintain progress records and reports of work in process; check, verify, and process contractors' requests for payment and other contractual documents; perform related duties as assigned.

QUALIFICATIONS: Extensive and progressive practical experience in responsible charge, including direction, inspection, and supervision of primary and secondary power and lighting distribution installations of more than 4000 volts and 5000 kva capacity; thorough knowledge of electrical construction, materials, procedures, and hazards related to power and lighting distribution system installations; training in electrical engineering desirable; good physical condition; minimum age thirty.

Supervisor, Central Receiving Station

SALARY RANGE: \$265-350.

DEFINITION: Under supervision to be responsible for receipt and distribution of incoming and outgoing University materials and equipment.

DUTIES BY EXAMPLE: To supervise work of delivery and pick up service; record all receipts of University property; correlate shipments with University purchase orders, freight bills, etc.; be responsible for delivery of materials to proper departments and prepare bills of lading for outgoing shipments. Keep necessary records.

QUALIFICATIONS: High school graduation desirable. Experience in stores, freight handling, or property distribution; good physical condition; accuracy; tact and supervisory ability.

Supervisor, Central Receiving Station, Assistant

SALARY RANGE: \$200-280.

DEFINITION: Under supervision of the Traffic Manager to be responsible for the general operation of a Central Receiving Station.

DUTIES BY EXAMPLE: Receive, unpack, store, and distribute to departments materials shipped to the University; also assemble and prepare for shipment miscellaneous materials, empty containers, etc. Issue billing and arrange for transportation. Check and prepare transportation bills for payment. Supervise assistants. Keep necessary records of receipts and deliveries. Distribute various storeroom items as directed.

QUALIFICATIONS: High school graduate. Experience in University stores desirable, or other similar work. Ability to supervise and to deal harmoniously with others.

Supervisor of Insurance

SALARY RANGE: \$350-500.

DEFINITION: Under direction to supervise the procurement of all kinds of insurance for the University at Urbana-Champaign; to be responsible for the administration of the insurance office at Urbana-Champaign; to serve in an advisory capacity on insurance matters arising out of University contracts; to act in an advisory capacity for the procurement of insurance at all divisions of the University.

DUTIES BY EXAMPLE: To administer and supervise the procurement and pay-

ment of all general and hospitalization insurance for the University at Urbana-Champaign; conduct all negotiations for the purchase of insurance for Urbana-Champaign; issue and sign purchase orders and approve payment for insurance; handle insurance claims; supervise the disposition of hospitalization claims and collection of premiums; advise on procurement at all divisions of the University; advise on contractual insurance matters; handle correspondence; supervise office staff; perform related duties as assigned.

QUALIFICATIONS: University graduate; at least three years experience in business, preferably insurance and accounting, at least one year of which should have been in a supervisory capacity in an insurance office; knowledge of insurance and purchasing procedures; administrative and supervisory ability; personality conducive to harmonious handling of University problems; minimum age twenty-seven.

Supervisor of Security and Traffic

SALARY RANGE: \$300-450.

DEFINITION: Under administrative supervision, to be responsible for registration, space assignments, control of University parking restrictions, motor vehicle regulations applying to students and staff of the University.

DUTIES BY EXAMPLE: Supervise registration, assignments of space and application of motor vehicle laws and regulations; develop methods and maintain records in connection with the supervision of personnel required for watch service and campus security; develop traffic and parking plans for special events occurring on campus; codify University regulations pertaining to student conduct and law enforcement; through the Security Officer assist Disciplinary Committee on investigations of student irregularities; screen and process violation notices and complaints; maintain liaison with law enforcement agencies.

QUALIFICATIONS: College graduate, or high school graduate with specialized training and administrative experience in a responsible position relating to: registration and identification of motor vehicles; development of plans and procedures for handling major traffic problems; general security measures for the protection of life and property; criminal investigation; student/staff, and/or public welfare. Ability to develop office procedures and handle correspondence; ability to maintain agreeable relations with students, staff, associates, and the public; tact, resourcefulness, and integrity; above average physical condition; male; minimum age twenty-five.

Supervisor of Security and Traffic, Assistant

SALARY RANGE: \$265-350.

DEFINITION: Staff assistant to the Supervisor of Security and Traffic to be responsible for such staff and investigative duties as may be assigned him by the Supervisor of Security and Traffic.

DUTIES BY EXAMPLE: To assist in or conduct all investigations assigned by the Supervisor of Security and Traffic. To prepare comprehensive written reports of such investigations. To establish and maintain files of individuals, organizations, incidents, or situations as may be pertinent to duties assigned.

To act as a Staff Assistant to Supervisor of Security and Traffic concerning general campus security. To act as a liaison officer between the Office of Security and Traffic and other departments and agencies as directed; and to perform other related duties as assigned.

QUALIFICATIONS: High school graduate with at least two years' experience in a responsible position relating to general security and investigations pertaining to welfare and the protection of life and property; college training in law, psychology, or personnel relations desirable; the ability to make criminal investigations, investigations relating to student, staff, or public welfare and behavior, and to make detailed and comprehensive reports of such investigations; the ability to maintain amicable relations with students, staff members, and the general public. Must possess qualities of tact, resourcefulness, honesty, and integrity; good physical condition; minimum age twenty-five, maximum, forty-five.

Washman, Head

SALARY RANGE: \$200-280.

DEFINITION: Under supervision to be responsible for washing of all soiled articles that are to be laundered.

DUTIES BY EXAMPLE: To operate wash machines; mix soaps and alkalis; check wash formulas; check weight of soiled linens; check temperature of water; check water levels; and make titration tests. To supervise washroom operations, such as extraction of water from linens and the operation of dry tumblers.

QUALIFICATIONS: Grade school education; high school education preferred; general laundry washroom experience can be substituted for high school education; dependability; initiative; ability to work harmoniously with others; minimum age twenty-eight.

Changes in Salary Ranges

<i>Position</i>	<i>Previous Salary Range</i>	<i>New Salary Range</i>
Accountant, Assistant Chief.....	\$400-550	\$400-600
Administrator of University of Illinois		
Hospitals, Assistant.....	350-500	400-600
Architect, Associate.....	400-650	500-700
Assistant, Hospital Laboratory Technical (Chicago)...	225-315	250-325
Assistant, Senior Laboratory (Chicago).....	175-250	225-300
Assistant, Junior Laboratory (Chicago).....	150-225	175-250
Assistant, Assistant Laboratory (Chicago).....	125-175	150-200
Assistant to the Business Manager.....	350-500	400-550
Assistant to Director of Housing.....	275-400	300-450
Assistant to Director of Illini Union (Urbana).....	225-315	265-350
Assistant to Director of Public Information.....	275-400	300-450
Assistant to Manager of Illini Union (Chicago).....	175-250	200-280
Assistant to Manager of Residence Halls.....	150-200	200-280
Assistant to Military Property Custodian (Chicago)...	Not formerly used in Chicago	225-315
Assistant to Military Property Custodian (Urbana)...	265-350	300-375
Attendant, Fountain (Urbana).....	150-225	150-180*
Attendant, Fountain I (Chicago).....	150-225	150-225*
Attendant, Fountain II (Chicago).....	130-170	140-175*
Attendant, Senior Laboratory (Urbana).....	225-300	240-310
Attendant, Junior Laboratory (Urbana).....	175-250	200-250
Attendant, Assistant Laboratory (Urbana).....	150-200	160-200
Attendant, Men's Locker Room (Urbana).....	225-300	240-310
Attendant, Women's Locker Room.....	150-200	160-200
Attendant, Supply (Urbana).....	140-200	160-225
Auditor, Assistant.....	350-500	400-600
Bracemaker.....	265-350	275-400
Bracemaker, Assistant.....	150-200	175-200
Bursar, Assistant.....	350-500	400-600
Business Manager, Assistant (Chicago).....	400-500	400-600
Business Manager, McKinley Hospital.....	250-325	265-350
Butcher.....	250-325	275-350
Caretaker, Head Airport.....	225-315	275-400
Caretaker, Animal (Urbana).....	225-275	175-225
Caretaker, Animal (Chicago).....	175-250	200-275
Cashier, Food Service.....	140-185*	145-185*
Cashier, Assistant Food Service.....	130-165*	135-165*
Checker, Laundry.....	125-175	160-190
Clerk, Executive (President's Office).....	275-400	300-450
Clerk, Senior Account.....	175-250	200-280
Clerk, Chief Information.....	175-250	200-280
Clerk, Information.....	150-200	160-225
Clerk, Junior Operations.....	140-200	150-225
Clerk, Stores (Chicago).....	160-225	175-250
Clerk, Stores (Urbana).....	175-250	200-250
Cook, Foods Laboratory.....	130-170*	150-190*
Cook, Head (Urbana).....	150-210*	170-210*
Cook, Head (Chicago).....	175-250	200-250*

* Meals furnished while on duty without charge.

Cook I (Urbana).....	140-180*	160-200*
Cook I (Chicago).....	150-225	175-225*
Cook II (Urbana).....	130-170*	150-190*
Cook II (Chicago).....	140-200	150-200*
Creameryman.....	200-250	225-275
Custodian, Warehouse.....	225-300	240-310
Director of Dietary Service.....	275-400	300-450
Director of Nonacademic Personnel, Assistant.....	300-450	350-500
Director of Nursing, Assistant.....	265-350	275-400
Director of Nursing, Assistant to the.....	250-325	265-350
Director of Nursing, Associate.....	275-400	300-450
Director of Purchases, Assistant.....	350-500	400-600
Dishwasher (Chicago).....	160-200	Prevailing
Draftsman, Senior Architectural.....	300-450	350-500
Draftsman, Junior Architectural.....	225-315	265-350
Driver (Chicago).....	160-225	Prevailing
Engineer, Architectural Mechanical.....	350-500	400-650
Engineer, Chief Building Operating.....	275-400	350-500
Fieldman.....	200-250	225-275
Foreman, Supervising Farm.....	265-350	300-375
Foreman, Farm (Urbana).....	250-325	275-350
Foreman, Field.....	250-325	275-350
Foreman, Poultry.....	250-325	275-350
Foreman, Agricultural Gardener.....	250-325	275-350
Foreman, Herdsman.....	250-325	275-350
Gardener, Agricultural.....	200-250	225-275
Herdsman.....	200-250	225-275
Janitor (Chicago).....	150-225	Prevailing
Janitress (Chicago).....	120-160	Prevailing
Kitchen Helper, Senior (Urbana).....	125-150*	140-170*
Kitchen Helper, Senior (Chicago).....	125-175	150-190*
Kitchen Helper (Urbana).....	110-140*	130-160*
Kitchen Helper (Chicago).....	120-160	140-175*
Laborer, Farm.....	160-200	175-225
Laborer, Kitchen (Urbana).....	161-184*	171-194*
Laundress.....	130-165	145-175
Lineman (Airport).....	205-265	220-280
Maker, Surgical Dressing.....	140-200	160-220
Manager, Bookstore.....	300-450	350-500
Manager, Bowling Alley.....	160-225	175-250
Manager, Food Production.....	225-315*	250-350*
Manager, Assistant Food Production.....	200-280*	200-300*
Manager, Food Service.....	300-450*	350-500*
Manager, Traffic.....	300-450	350-500
Manager of Public Information, Assistant.....	200-280	225-315
Mechanic, Senior Aircraft Maintenance.....	275-355	280-360
Mechanic, Junior Aircraft Maintenance.....	240-310	250-320
Mechanic Helper, Aircraft Maintenance.....	170-230	185-245
Mechanic, General Airport.....	275-355	280-360
Mechanic, Senior Laboratory.....	275-355	280-360
Mechanic, Junior Laboratory.....	240-310	250-320
Mechanic, Assistant Laboratory.....	170-230	185-245
Nurse, Head (Chicago).....	200-280	225-290
Nurse, Head (Urbana).....	200-280	220-275
Nurse, Assistant Head.....	185-260	210-270
Nurse, Staff (Chicago).....	175-250	200-260
Nurse, Staff (Urbana).....	175-250	200-250
Nurse, Supervising.....	225-315	250-325
Nurses' Aide.....	125-175	140-180
Operator, Chief Cold Storage.....	250-325	275-350

* Meals furnished while on duty without charge.

Operator, Cold Storage.....	200-250	225-275
Operator, Assistant Office Appliance.....	125-175	130-165
Operator, Assistant Chief Switchboard (Chicago)...	New classifica- tion in Chicago	150-200
Orderly	140-200	170-225
Police Captain (Chicago).....	Not previously used in Chicago	265-350
Police First Lieutenant (Chicago).....	225-315	250-325
Police Second Lieutenant (Chicago).....	200-280	225-315
Poultryman	175-250	225-275
Repairman, Aircraft Instrument.....	275-355	280-360
Secretary (Urbana).....	175-250	200-280
Social Worker, Supervising Psychiatric.....	225-315	275-400
Storekeeper (Urbana).....	225-300	240-310
Superintendent of Building Maintenance (Urbana)...	400-650	500-700
Superintendent of McKinley Hospital.....	275-400	300-450
Superintendent of Sanitation and Safety.....	400-550	400-650
Supervisor, Creamery.....	265-350	300-375
Supervisor, Dining Room.....	160-225*	175-250*
Supervisor, Inventory.....	225-315	250-325
Supervisor, Laundress.....	160-225	200-280
Supervisor, Public Functions.....	225-315	275-400
Supervisor, Routing.....	265-350	275-400
Supervisor, Stores.....	265-350	300-375
Supervisor of Housekeeping.....	160-225	200-280
Supervisor of Off-Campus Housing.....	265-350	300-450
Supervisor of Off-Campus Housing, Assistant.....	225-315	275-400
Supervisor of Student Loans.....	250-325	275-400
Technician, Senior Darkroom.....	150-200	175-225
Technician, Junior Darkroom.....	140-175	150-200
Technician, Electro-Acoustic.....	275-400	300-450
Technician, Musical Instrument.....	275-400	300-450
Tester, Advanced Registry.....	160-200	175-225
Visitor, Housing.....	125-175	160-225
Washman.....	150-225	215-240
Watchman (Chicago).....	175-250	Prevailing
Wringerman	140-200	190-215
Writer, Editorial.....	250-400	300-450

Classification Titles to Be Changed

<i>From</i>	<i>To</i>
Engineer, Junior Assistant Electrical.....	Engineer, Junior Electrical
Assistant Fieldman	Fieldman
Assistant Poultryman	Poultryman
Assistant Herdsman	Herdsman
Assistant Agricultural Gardener.....	Agricultural Gardener
Fieldman.....	Field Foreman
Poultryman.....	Poultry Foreman
Herdsman.....	Herdsman Foreman
Agricultural Gardener	Agricultural Gardener Foreman
Messenger.....	Mail Messenger
Chef.....	Senior Chef
Pool Room Attendant	Tool Room Attendant
Supervisor of Police and Traffic.....	Supervisor of Security and Traffic

Matron

Revision of Specifications

DEFINITION: Under the direction of the Nurses Residence manager, to assist with activities in the Nurses Residence.

DUTIES BY EXAMPLE: Regular inspection of the building; office duties, such as

* Meals furnished while on duty without charge.

answering telephone and door bell, receiving and delivering messages, supervise student nurses' "sign out" book; maintain discipline and established policies within the Residence; refer to the Manager of Nurses Residence any deviation from normal conduct of residents or any other problem pertaining to the Residence; visit and assist with the care of sick nurses; arrange for trays for sick nurses.

QUALIFICATIONS: High school graduation, Registered Nurse desirable; courteous; kindly manner; pleasing personality; tact; good judgment; ability to get along with others; minimum age thirty-five.

Nurses' Aide

DEFINITION: Under direct supervision to assist Nurses to perform routine duties in hospital wards and divisions.

DUTIES BY EXAMPLE: Care of patient's unit and ward equipment; give bed and tub baths to patients not acutely ill; make beds; assist patients in and out of bed and transport them to other departments; give and remove bed pans and urinals; check clean linen and collect soiled laundry; do errands; assist with the serving of meals and feeding of patients; pass nourishment and drinking water between meals; give non-professional care to patients; mend and prepare gloves for sterilization; carry out correct technique in an isolated area; weigh patients; collect specimens; admit patients.

For those who have successfully passed the examination in the In-Service Training Program the following duties may be performed under close supervision of a Nurse: Take temperature, pulse, and respiration; measure intake and output; give oil and retention enemas.

Perform related duties as directed by the Nurse in charge.

QUALIFICATIONS: Grade school graduation; high school graduation desirable; good health and physical condition; ability to get along well with patients and Nurses. Minimum age seventeen.

Supervisor, Housing Maintenance

DEFINITION: Under supervision to see that buildings are properly maintained and that all equipment therein is kept in satisfactory operating condition.

DUTIES BY EXAMPLE: To write work orders for needed maintenance and building repairs, check the operation and report necessary repairs to mechanical building equipment; plan long range building and equipment repair, replacement, and painting programs, and to perform related duties as requested.

QUALIFICATIONS: High school education, mechanical aptitude, three years of experience in construction work or in the operation of mechanical building equipment, good physical condition, neat personal appearance, ability to perform duties with a minimum of disturbance, good judgment, tact, dependability, minimum age twenty-six.

Supervisor, Assistant Housing Maintenance

DEFINITION: Under direct supervision to assist in properly maintaining buildings and equipment therein.

DUTIES BY EXAMPLE: To assist in preparation of work orders for building maintenance and repairs; help in the inspection of mechanical building equipment and report necessary repairs; assist in the planning of long range building and equipment maintenance programs and painting program; and to perform related duties as requested.

QUALIFICATIONS: Grade school education, mechanical aptitude, some experience in construction work or in the operation of mechanical building equipment, good physical condition, neat personal appearance, ability to perform duties with the minimum of disturbance, good judgment, tact, dependability, minimum age twenty-two.

Classifications to Be Deleted

Assistant to Manager, Illini Union (Urbana)	Medical Officer (Division of Services for Crippled Children)
Fire Chief (Chicago)	Molder
Manager, House	Writer, Continuity
Manager, Assistant House	

On motion of Mr. Livingston, these changes were approved.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(7) The Committee on Nonrecurring Appropriations recommends assignments of funds for the following purposes:

Urbana-Champaign

1. Remodeling, Department of Food Technology.....	\$ 9 000
From the state appropriation for "Construction of agricultural structures and remodeling of present agricultural buildings"	
2. Equipment, Department of Mining and Metallurgical Engineering....	8 865
3. Equipment, Department of Art.....	5 000
4. Remodeling, Departments of Geology and Entomology.....	15 500
5. Microscopes, Department of Entomology.....	6 600
6. Remodeling, Department of Bacteriology.....	22 225
7. Remodeling, Department of Civil Engineering.....	2 700
8. Equipment and remodeling, Electrical Engineering Research Laboratory	1 100
9. Reconditioning of hockey field and equipment, Department of Physical Education for Women.....	3 100
10. Equipment and remodeling, School of Physical Education.....	34 660

Chicago Professional Colleges

11. Equipment and repair work, College of Dentistry.....	22 250
From the state appropriation "Equipment for buildings at Urbana-Champaign and Chicago"	
12. Equipment and rehabilitation of equipment, Animal Hospital.....	1 600
13. Remodeling, Aeromedical and Physical Environment Laboratory.....	1 400
<i>Total</i>	\$134 000

Except as indicated in items I and II, it is recommended that these assignments be made from the General Reserve Fund.

I concur.

On motion of Mrs. Watkins, these appropriations were made as recommended by the following vote: Aye, Mr. Forno, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. McLaughlin, Mr. Nickell, Mr. Stevenson.

**APPROPRIATION FOR REMODELING OF
NATURAL HISTORY BUILDING**

(8) The Board of Trustees has authorized the construction of a new stair well in the Natural History Building to eliminate one of the fire hazards in that building, and a contract for this has been let. Construction of a new stair well deprives the Department of Physiology of some laboratory space which is essential for graduate study. However, space elsewhere in this building can be converted into satisfactory laboratory facilities at an estimated cost of \$4,000 for the remodeling and \$2,500 for the equipment.

I recommend that an appropriation of \$6,500 be made from the General Reserve Fund for this purpose.

On motion of Mr. Livingston, this appropriation was made by the following vote: Aye, Mr. Forno, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. McLaughlin, Mr. Nickell, Mr. Stevenson; and a change in the contract with C. A. Petry and Sons, Champaign, for the construction of the new stair well was authorized to include remodeling required to provide laboratory facilities for the Department of Physiology.

ADDITIONS TO ELECTRICAL DISTRIBUTION SYSTEM AT CHICAGO PROFESSIONAL COLLEGES

(9) Extension of the electrical distribution system at the Chicago Professional Colleges will be necessary to service the new hospital additions now under construction and other buildings, such as student residence halls and the new Pharmacy Building, to be constructed in the future. The state appropriations made to the University for the biennium, 1949-1951, for permanent improvements at Chicago include \$200,000 for "Construction of Utility Distribution System and Remodeling of Existing Buildings."

The Director of the Physical Plant has studied this problem in consultation with Sargent and Lundy, Consulting Engineers, Chicago, and the Commonwealth Edison Company. A report of this study is submitted herewith.¹ It suggests three alternates based on various methods of distribution of capital cost and of billing. The most advantageous plan, known as "multiple service and combined billing," will require the lowest immediate capital expenditure, \$31,700, and a total ultimate capital expenditure, allowing for future developments, of \$249,800. It would result in an immediate saving in operating costs of \$17,900 and an ultimate saving of \$80,682. The added capital outlay is amortized in approximately three years.

The Director of the Physical Plant and the Comptroller recommend this plan of purchasing additional electrical service be authorized and that an appropriation of \$31,705 be made for "excess facility charges" to be payable to the Commonwealth Edison Company of Chicago from the state appropriation for "Construction of Utility Distribution System and Remodeling of Existing Buildings," subject to the release of funds by the Governor.

I concur.

On motion of Mr. Fornof this plan was authorized, and an appropriation of \$31,705 was made from the state appropriation for "Construction of Utility Distribution System and Remodeling of Existing Buildings" by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. McLaughlin, Mr. Nickell, Mr. Stevenson.

CONTRACT FOR REMODELING IN ILLINI UNION BUILDING

(10) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$5,985 to C. A. Petry and Sons, Champaign, the lowest bidder, for the construction and installation of window and door closing partitions at the fourth floor level of the two public stairs in the Illini Union Building. This improvement will aid in the ventilation of the fourth floor guest rooms and will contribute to the comfort of guests by the elimination of building noises and control of traffic in this area.

Funds are available in surplus resulting from Illini Union Building operations.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Herrick, authority was given as recommended.

CONTRACT FOR REMODELING OF HEATING SYSTEM IN DAVID KINLEY HALL

(11) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$6,100 to Gallaher and Speck, Inc., Chicago, the lowest bidder, for remodeling of the heating system in David Kinley Hall. The present heat exchangers are worn out and must be replaced. This improvement will also increase the capacity of the exchangers and will provide better heating in the building.

Funds are available in the Physical Plant Department budget for this improvement.

¹ This report has been filed with the Secretary as a matter of record.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, authority was given as recommended.

CONTRACTS FOR POWER PLANT ADDITION

(12) The Director of the Physical Plant and the Comptroller recommend award of contracts for the erection of the turbine generator and for the installation of all necessary piping in the addition to the Abbott Power Plant at Urbana as follows:

Erection of turbine generator — General Electric Co., Chicago.....	\$ 7 000
Piping systems to include the furnishing and installation of the steam, water, condensate, compressed air, turbine oil, fuel piping, and equipment — William A. Pope Co., Chicago.....	104 289

These are the lowest bidders on each contract.

Funds are available in the state appropriation "For Permanent Improvements in Champaign-Urbana — Addition to Power and Heating Plant and Remodeling of Existing Buildings."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts, subject to the release of funds by the Governor.

On motion of Dr. Meyer, authority was given as recommended.

CONTRACTS FOR CONSTRUCTION OF BRICK CHIMNEY FOR POWER PLANT ADDITION

(13) The Director of the Physical Plant and the Comptroller recommend the award of contracts for the construction of a brick chimney and foundation for the addition to the Abbott Power Plant at Urbana.

E. N. DeAtley, Champaign — Foundation.....	\$15 000
Custodis Construction Company, Inc., Chicago — Chimney.....	41 500
Inspection of present concrete chimney and recommendations for repairing same.....	600
	<u>\$42 100</u>

These are the lowest bidders on each contract.

Funds are available in the state appropriation "For Permanent Improvements at Champaign-Urbana — Addition to Power and Heating Plant and Remodeling of Existing Buildings."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts, subject to the release of funds by the Governor.

On motion of Mr. Herrick, authority was given as recommended.

CONTRACT FOR POWER PLANT PIPING INSULATION

(14) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$9,789 to Jamar-Olmen Company, Chicago, the lowest bidder, for the insulation of all piping for the new turbine generator at the Abbott Power Plant in Urbana, and insulation for piping for the oil firing of two existing boilers.

Funds are available in the state appropriation "For Permanent Improvements at Urbana-Champaign — Additions to Power and Heating Plants and Remodeling of Existing Buildings."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the contract subject to release of funds by the Governor.

On motion of Dr. Meyer, authority was given as recommended.

CONTRACTS FOR UTILITIES DISTRIBUTION SYSTEM

(15) The Director of the Physical Plant and the Comptroller recommend award of contracts as follows for two additional divisions of the Utilities Distribution System construction program at Urbana:

Modernization of transformer vaults at Davenport Hall and the Natural History Building — Anderson Electric, Inc., Danville.....	\$18 778
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Electrical distribution system cable, load center equipment, and miscellaneous work incidental to the construction of the Animal Sciences Laboratory and Veterinary Medicine Building — Square Deal Electric, Urbana..... 79 248

These are the lowest bids on each project.

Funds are available in the state appropriation for "Construction of extensions to the Utility Distribution System" at Urbana-Champaign.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts, subject to the release of funds by the Governor.

On motion of Mr. Hickman, authority was given as recommended.

CONTRACT FOR THE INSTALLATION OF STEEL ROLLING SHUTTERS IN THE RESEARCH AND EDUCATIONAL HOSPITALS, CHICAGO

(16) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$8,975 to Perry Construction Company, Chicago, the lowest bidder, for the installation of steel rolling shutters in the Research and Educational Hospitals, Chicago.

The installation covers fire doors at five different locations:

Between Illinois Surgical Institute and Institute for Juvenile Research, the basement, first, second, third, fourth, and fifth floors.

Between the general hospital and the second unit of the Dentistry, Medicine, and Pharmacy Building, first floor.

Intersection of the east and west tunnel with main tunnel.

Intersection of tunnel and the Illinois Neuropsychiatric Institute basement.

Tunnel entrance to Nurses Home.

Funds are available in the Physical Plant Department budget for this work.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, authority was given as recommended.

CONTRACT FOR SURFACING OF DRIVES

(17) The Director of the Physical Plant and the Comptroller recommend award of contracts as follows:

For resurfacing of McKinley Hospital parking area, a section of the entrance drive, and construction of concrete curb — Champaign Asphalt Company, Champaign.....	\$ 3 060 90
For resurfacing of streets in the Parade Ground area — Illiana Construction Company, Urbana.....	10 282 89

These are the lowest bids for each job.

Funds are available for these improvements.

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

On motion of Mr. Livingston, authority was given as recommended.

CONTRACT FOR SURFACING OF DRIVES IN SMALL HOMES COUNCIL STAFF HOUSING RESEARCH PROJECT AREA

(18) When the Small Homes Council Staff Housing Research Project was completed in 1949, it was not possible to finish surfacing all driveways before cold weather, and only the rock base was installed.

Bids were invited on three methods of surfacing and finishing these drives. Only two bids were received, both of them on hot-mix asphalt application:

Champaign Asphalt Company, Champaign.....	\$4 175
McCalman Construction Company, Danville.....	5 500

The prices include widening of drives at curves where difficulty has been experienced by tenants.

The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$4,175 to the Champaign Asphalt Company. An appropriation from the general funds of the University is necessary.

I recommend an appropriation of \$4,175 be made and that the Comptroller and the Secretary of the Board be authorized to execute the above contract.

On motion of Mrs. Holt, this authority was given as recommended, and an appropriation of \$4,175 was made from the General Reserve Fund by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. McLaughlin, Mr. Nickell, Mr. Stevenson.

SOUTH BROADWAY SANITARY SEWER INTERCEPTOR

(19) The city of Urbana proposes to expand the sewer in the area of South Broadway and has requested the participation of the University in line with the existing policy of participation when the University receives benefit. The estimated cost to the University for this expansion will not exceed \$2,000. By the expansion of this sewer, the University would be protected in any future development in the area south of Florida Avenue and west of Race Street.

This request is reasonable and the Director of the Physical Plant and the Comptroller recommend an appropriation of \$2,000 to pay the University's share of the total cost.

I recommend this appropriation be made, and that the Comptroller and the Secretary of the Board be authorized to enter into an agreement with the city of Urbana covering University participation in the improvement.

On motion of Mr. Livingston, authority was given as recommended, and an appropriation of \$2,000 was made from the General Reserve Fund by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. McLaughlin, Mr. Nickell, Mr. Stevenson.

ADDITION TO CONTRACT FOR ENGINEERING SERVICES

(20) On February 16, 1950 (Minutes, page 999), the Board of Trustees awarded a contract to Graham, Anderson, Probst, and White, Inc., Chicago, for engineering services on improvements in the electrical distribution system to several buildings at Urbana.

Davenport Hall was included in the group of buildings in this contract. Additional work on this building, not originally contemplated when the contract was let, is necessary due to the placement of the Radiocarbon Laboratory in this building. The additional services required are on the working drawings and specifications for the installation of 150 h.p. of refrigeration motor load.

The Director of the Physical Plant and the Comptroller recommend an increase of \$1,500 in this contract to provide for these additional services.

Funds are available.

I concur and request that the Comptroller be authorized to execute this change in the contract.

On motion of Dr. Meyer, authority was given as recommended.

ADDITION TO HEATING CONTRACT FOR CONSTRUCTION IN EAST CHEMISTRY BUILDING

(21) The heating system of the East Chemistry Building was installed in four zones to permit better control. It has been found desirable to subdivide one of these zones so that the animal quarters for the Bio-Chemistry Division will be on an independent distribution system because heat must be supplied throughout the year. The present installation would require maintaining steam in one-fourth of the building to provide heat for the animal rooms.

The Director of the Physical Plant and the Comptroller recommend an addition of \$5,808.53 to the contract with the Carson-Payson Company, Danville, for the heating installations in this building to provide for this additional improvement which will consist of a separate steam line and return to the convectors in the animal quarters from steam mains in the basement. Funds are available

in the state appropriation for the construction of the East Chemistry Building.

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mrs. Watkins, authority was given as recommended.

CHANGE IN GENERAL CONTRACT FOR CONSTRUCTION OF VETERINARY MEDICINE BUILDING

(22) In awarding a contract for \$701,859 to the John Felmley Company for the general work in the construction of the Veterinary Medicine Building, credit was taken for two alternates on recommendation of the Physical Plant Department, viz:

Substitution of "knob and rose" type of door hardware for escutcheon plates — deduct	\$1 264
Substitution of "Integra Locks" for those specified — deduct	847

The contractor specified that either one, but not both, alternates could be taken so that it was incorrect to take credit for both deductions. The "Integra Lock" is a better lock for this particular building than that specified by the architects in the base bid and the Physical Plant Department recommends that it be used. However, this choice will not permit acceptance of the credit for the substitution of "knob and rose" type door hardware for escutcheon plates; and the contract should be amended by restoring the \$1,264 deducted for the first alternate. Even with this adjustment the John Felmley Company is still the lowest bidder.

The Director of the Physical Plant and the Comptroller recommend that the contract be amended accordingly.

I concur and request that the Comptroller be authorized to execute this change.

On motion of Mr. Livingston, authority was given as recommended.

VETERANS ADMINISTRATION INSTRUCTIONAL CONTRACT

(23) On November 29, 1949, the Board of Trustees was advised of difficulties which had arisen with the Veterans Administration. That agency had insisted on making a deduction from its instructional contracts with the University of Illinois and other land-grant institutions for funds paid under the original Land-Grant Act and supplementary laws. Repeated efforts to get the Administrator to change this action being of no avail, the Association of Land-Grant Colleges and Universities, with the support of other national educational organizations, requested Congress to pass legislation which would make such deductions impossible. Such legislation has been passed and approved by President Truman.

The Veterans Administration is now prevented from applying as a credit to any payment to educational institutions for a specific purpose, any funds appropriated for other purposes under other acts. It further prevents the Administrator from seeking credit for any non-federal funds, including state funds, in any similar manner.

Estimated adjustments in amounts paid, or payable in future, to the University under its contracts, from the inception of the program through the life of the G. I. law, may reach \$500,000. This represents the amount the University may gain by the passage of this legislation.

The importance of this action by Congress, however, extends beyond present relationships. A vital principle has been protected, namely, the integrity of appropriations made for general educational purposes. Such appropriations are exempted from application to specific special contracts and operations.

Comptroller Morey was the first institutional officer to call attention to the effects and implications of the actions of the Veterans Administration. With my encouragement, he worked steadily to secure the support of the Land-Grant Association, which eventually was given unanimously and enthusiastically. He also was one of the witnesses before congressional committees. That the testimony of the various witnesses was impressive is indicated by the record of discussion and action in both houses. The University, therefore, may feel that its efforts have been rewarded.

As in the past, we shall continue to cooperate fully with the Veterans Administration.

This report was received for record.

CONTRACT FOR CONSTRUCTION OF PARKING LOTS

(24) The Director of the Physical Plant and the Comptroller recommend the award of a contract to the Champaign Asphalt Company, Champaign, the lowest bidder, for the construction of parking lots, using asphalt for surfacing, as follows: 601 East John Street, \$7,099.23; 1108 West Green Street, \$6,691.95.

Funds are available.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

The proposed parking lots are in areas of critical need for such facilities. The expansion of the lot at 1108 West Green Street will serve the Student and Staff Apartments at Goodwin Avenue and Green Street.

On motion of Dr. Meyer, authority was given as recommended.

CONTRACT FOR PURCHASE OF COAL FOR URBANA-CHAMPAIGN DEPARTMENTS

(25) Bids have been solicited on uniform specifications for 40,000 tons coal screenings to be delivered as required during the period from September 1, 1950, to May 31, 1951.

The Director of Purchases and the Comptroller recommend that a contract be awarded to the Republic Coal and Coke Company of Chicago, the lowest bidder, for 1½" washed screenings coal to be furnished from their mine located near Danville, Illinois, at a cost of \$3.95 f.o.b. mine, freight \$.99, total \$4.94, estimated total cost \$197,600.

The lowest bid is determined by the number of British Thermal Units for one cent based on guaranteed analyses. A continuous check at the Power Plant is provided to insure compliance with specifications.

The contract is subject to approval by the Governor.

I concur in the recommendation and request that the contract be awarded accordingly.

On motion of Mrs. Holt, this contract was awarded as recommended.

PURCHASES

(26) The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Approximately 68,000 pounds of steel framing and plate and approximately 12,240 pounds of aluminum framing and plate for fabrication and erection of mezzanine floor around the 300 MEV Betatron	Physics	Bennett Industries, Inc., Peotone	\$23 676 50 (estimated cost) delivered and erected
One motor generator unit of stable and adjustable output consisting of two 100 KW-250V—400 amp. d.c. generators; one motor driving both generators on a common shaft at full output, 4160 volt 60 cycle—3 h.p.; one reduced voltage starter	Physics	The Belyea Co., Inc., Jersey City, N.J.	9 375 00 f.o.b. Jersey City, N.J.
Four amplifiers for rack mounting; two regulated power supplies; six 18" connecting cables; eight panel receptables	Physics	J. E. Everett Associates, Evanston	1 633 10 f.o.b. Cambridge, Mass.
One monochromator, double, with flint glass and quartz glass prisms (interchangeable)	Physics	Carl Leiss Co., Berlin, Germany	1 244 00 f.o.b. Berlin, Germany
Two instructors demonstration tables 6' x 36" x 36"; twelve auxiliary equipment tables; two podium units for above (equipment to be built to specifications submitted by the Physics Department)	Physics	Walrus Manufacturing Co., Decatur	2 114 86 f.o.b. Decatur
500 lead bricks, 2" x 4" x 8"; approximately 13,000 lbs.	Physics	Division Lead Co., Chicago	2 007 20 f.o.b. Chicago

Item	Department	Vendor	Cost
Textiles and cotton goods (hospital gowns, sheets, bed spreads, mattress covers, pillow slips, towels, and bolts of cotton flannel)	Chicago Professional Colleges, General Stores Revolving	Kansas City White Goods, Kansas City Mandel Bros., Chicago L. B. Herbst Corp., Chicago Beverly Linen Co., Chicago Harris & Wellman, Chicago Albert Pick & Co., Chicago Carson Pirie Scott & Co., Chicago A. V. Wait & Son, New York Whitehouse Manufacturing Co., Chicago Mills Hospital Supply, Chicago Ottenheimer & Co., Chicago Total	2 925 62 996 25 720 39 609 45 488 70 311 25 284 58 259 00 224 40 189 00 60 28 (7 068 92)
Telephone service for transmission of five postgraduate telephone extension programs on <i>Current Advances in Dentistry</i> during the 1950-1951 season from 8:30 p.m. to 10:30 p.m., Eastern Standard Time, on November 13, 1950; December 11, 1950; January 8, 1951; February 12, 1951, and March 12, 1951; each program will originate in Chicago and will be transmitted to 238 outlets in the United States and Canada	Dentistry Post-graduate Studies	American Telephone & Telegraph Co., Chicago	41 500 00 (tax exempt) estimated amount
Use of complete television facilities in connection with dentistry post-graduate course	Postgraduate Studies, Extension Division	WBKB Television Studios, Chicago	3 600 00
15,000 copies of manual <i>Current Advances in Dentistry</i> and 15,000 accompanying charts for the dentistry postgraduate course	Postgraduate Studies, Extension Division	Neely Printing Co., Inc., Chicago	21 631 00
One Weichselbaum-Varney Universal spectrophotometer	Research and Educational Hospitals Laboratory	Fearless Camera Co., Culver City, Calif.	1 795 00
Ionization measuring unit with control desk, compensating unit, and accessories for the Radon Plant	Radiology (Chicago)	Radium Chemical Co., Inc., New York, N.Y.	5 725 00 f.o.b. factory
Air-conditioning equipment with control for the six-man low-pressure chamber located in the Aeromedical and Physical Environment Laboratory Building	Aeromedical and Physical Environment Laboratory (Chicago)	Johnsen Refrigeration Co., Chicago	10 180 00
One centrifuge, type number 2 complete with accessories, 110 volts, 60 cycle	Bacteriology	A. S. LaPine & Co., Chicago	1 228 50 f.o.b. Urbana
12 microscopes, 10X, 43X, and 97X (oil immersion) objectives, 1.25 N.A. Abbe condenser, 5X and 10X Huygenian eyepieces, with built in mechanical stage, less allowance on twelve obsolete microscopes	Bacteriology	Lukas Microscope Service, Skokie	2 034 80 f.o.b. Urbana
One research polarizing microscope with accessories	Geology	W. H. Kessel & Co., Chicago	1 390 50 f.o.b. Urbana
One spectrophotometer, Beckman model DU; one spectrophotometer power supply—battery system; one flexible cover for the spectrophotometer	Home Economics	Chicago Apparatus Co., Chicago	1 213 45 f.o.b. Urbana
200,000 tabs for addressograph plates to provide classification control	Mailing Center	Addressograph Sales Agency, Peoria	1 000 00 f.o.b. Cleveland, Ohio
1000 copies <i>Aesopica</i> by B. E. Perry, Professor of the Classics, University of Illinois	University Press	Waverly Press, Inc., Baltimore, Md.	6 096 00 f.o.b. Baltimore, Md.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
4500 (approximately) 8½ x 11 diplomas printed from steel plate on Crane's parchment deed; names, degrees, and dates to be printed from type (this is the estimated requirement through June, 1951)	Office of Admissions and Records	E. A. Wright Co., Philadelphia, Pa.	2 025 00 (approximate) f.o.b. Urbana
6500 8½ x 11 blue leather diploma covers	Office of Admissions and Records	W. M. Welch Manufacturing Co., Chicago	9 360 00 f.o.b. Urbana
3500 reams 8½ x 10½, 24# white mimeograph bond	Agricultural Administration	Bradner Smith & Co., Chicago	3 080 00 f.o.b. delivered
Two Beechcraft Bonanza B-35 airplanes, latest model with standard equipment, to replace one Beech Bonanza A-35 #N752B, less Lear ADF air conditioning unit and one Piper #N4185M	Institute of Aviation	Rohn Flying Service, Peoria	16 011 96
One generator test bench with accessories	Institute of Aviation	E. B. Collins Co., Champaign	1 021 00 f.o.b. Kalamazoo, Mich.
Three oil-burning forced circulation warm air furnaces 165,000 B.T.U.'s at the unit	Institute of Aviation	Sears Roebuck & Co., Chicago	1 171 34 f.o.b. delivered
325,000 gallons of No. 5 fuel oil for the Undergraduate Heating Plant at Navy Pier as per Physical Plant specifications	Chicago Undergraduate Division, Physical Plant	Hughes Oil Co., Chicago	28 762 50 (tax included)
Approximately 300,000 gallons No. 1 fuel oil to be delivered as required during the period August 1, 1950, through June 30, 1951, to the Parade Ground Housing Units	Residence Halls	Stewart Oil Co., Champaign	32 865 00 f.o.b. delivered to University tanks
Three 30" cast iron coal furnaces with controls as specified including removal of old furnaces and installation of new ones (to replace present coal furnaces in T buildings in Illini Village)	Residence Halls	Acme Coal Co., Champaign	2 384 46 installed
1400 tons (estimated requirements) pea size coke to be delivered into bins in Stadium Terrace and Illini Village as required during 1950-1951 heating season	Residence Halls	J. S. Bash & Sons, Champaign	18 760 00 (13.40/ton)
12,500 tons, 25% more or less, 1¼" or 1½" freshly mined Illinois washed screenings for University Power Plant, Chicago, to be delivered as required in accordance with specifications	Chicago Physical Plant, Chicago Coal Storage	Crerar Clinch Coal Co., Chicago	78 875 00 (approximate)
Automobile, model 3116 Suburban Carryall, complete with four-speed transmission, overload springs, 700 x 15 wheels and six-ply tires, heater and defroster, heavy duty grill guard, directional signals, and luggage rack (this automobile to replace a 1949 Chevrolet Suburban Carryall, which was wrecked beyond economical repair)	Physical Plant	Songer Chevrolet Sales, Catlin	1 363 50 delivered
One 1½ cubic yard power wheel special coal bucket (to be used with new clamshell)	Physical Plant	A. E. Hudson Co., Chicago	1 040 00 f.o.b. factory
One Clyde model HPTBT 60 ft. builders tower complete with necessary cables and sheaves and equipped with a model D-140 Le Roi engine, tower derrick, and safety brake	Physical Plant	Gil Boers Equipment Co., Chicago Less previous rental charges Net Cost	4 513 50 900 00 3 613 50
47 day-brite viz-aid fluorescent fixtures: twelve #46203-16, one #46203-8, two #46203-20, thirteen #46203-4, three #40281-W, two #26140, eleven #46202-16, one #46202-8, two #46202-4	Physical Plant Storeroom	Efengee Electrical Supply Co., Inc., Chicago	2 432 39 f.o.b. delivered

Item	Department	Vendor	Cost
Four 15-lb. carbon dioxide fire extinguishers; 48 5-lb. carbon dioxide fire extinguishers	Physical Plant Storeroom	General Detroit Corp., Chicago	1 957 25 f.o.b. delivered
30,366 board feet of No. 1 kiln dried fir lumber, S4S, eased edges, and square end trimmed in 1" and 2" stock, lengths from 12' through 18'	Physical Plant	Illini Lumber Distributors, Champaign	4 220 87 f.o.b. delivered to warehouse
2400 board feet 2" x 6"—16'—2 and better KD fir	Residence Halls	Illini Lumber Distributors, Champaign	1 077 46 f.o.b. delivered
533 board feet 4" x 4"—16'—2 and better KD fir			
3000 feet cypress cribbing 1" x 6"—1 and 2 mixed			
300 board feet 5/4" x 12"—12' clear white pine KD			
1600 board feet 2" x 4" x 16' KD fir—2 and better (For maintenance and repair work on Parade Ground Housing)	Physical Plant Storeroom	Booth & Thomas Co., Springfield	1 235 60 f.o.b. delivered
1600 galvanized, malleable, ground joint unions, 300# test			
Six sheets 1/2" x 4' x 10' hot rolled steel	Physical Plant Storeroom	Joseph R. Ryerson & Son, Inc., Chicago	1 183 34 f.o.b. Chicago
Six sheets 3/8" x 4' x 10' hot rolled steel			
Ten sheets 3/4" x 4' x 10' hot rolled steel			
Five sheets 5/16" x 4' x 10' hot rolled steel			
25 sheets 1/16" x 4' x 10' blue annealed steel			
25 sheets 3/16" x 4' x 10' blue annealed steel			
40 half hard brass sheets, 12" by 8', in thickness from 1/32" to 1/4"	Physical Plant Storeroom	Charles H. Besly & Co., Chicago	1 381 85 f.o.b. delivered (less 2% discount for cash)
1000 gallons interior white lead flat wall paint	Physical Plant	National Lead Co., Chicago	4 950 00 f.o.b. Urbana
Builders' all-risk insurance including fire, extended coverage, vandalism and malicious mischief coverages at two-year rates on a monthly reporting form basis effective August 1, 1950, on the Research and Educational Hospitals addition, Chicago, on which the final insurable value is estimated at \$6,000,000	Physical Plant	Magill Agency, Chicago, representing the General Insurance Co. Lumbermen's Mutual Co., Chicago, representing the Central Manufacturers Boggs & Cogdal, Urbana, representing the Automobile Insurance Co. Jas. Kanaley, Chicago, representing the New York Fire (\$4,525 to each)	18 100 00 (estimated gross premium)
Employer's Workmen's Compensation and Employer's Liability Insurance, including occupational disease coverage, and general liability and property damage insurance, for one year from August 7, 1950	Business Office, Bursar	Liberty Mutual Insurance Co., Chicago	5 874 88 (subject to an unguaranteed dividend of 20%)
Eight analyzing magnet cores; twelve analyzing magnet coils	Physics	Hyre Electric Co., Chicago	54 730 00 f.o.b. Chicago
A collection, 41 items, of early printed books published in the sixteenth and seventeenth centuries	Library	C. A. Stonehill, Inc., New Haven, Conn.	10 926 00
A collection, about 75 pieces, of grammars and related books used on the Continent and in England from about 1500 on	Library	C. A. Stonehill, Inc., New Haven, Conn.	10 000 00
Collection of unpublished letters written by Robert and Elizabeth Barrett Browning, and ten of her manuscript poems, a total of 173 items	Library	Maggs Bros. Ltd., London, England	4 200 00

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
30,000 pounds soft paste all-purpose white lead	Physical Plant	National Lead Co., Chicago	4 905 00 f.o.b. Urbana
Surgical dressing and gauze	Chicago Professional Colleges, General Stores	Bauer & Black, Chicago Will Ross, Inc., Milwaukee, Wis. Illinois Surgical Supply Co., Chicago	484 50 1 135 25 3 090 92
Boiler and machinery insurance on University equipment at Urbana-Champaign, the Chicago Professional Colleges, Navy Pier, and Allerton Park for three years from August 1, 1950	Physical Plant	O. J. Wheeler, Chicago, the lowest bidder, representing the American Motorists Insurance Co., Chicago (Gross premium subject to an unguaranteed dividend of 20 % at policy termination)	16 174 50

On motion of Mrs. Watkins, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED JUNE 1 TO JUNE 30, 1950

(27) The Comptroller's report of contracts executed for the period from June 1 to June 30, 1950.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be paid to the University</i>	<i>Date</i>
E. R. Squibb & Sons	Fellowship in bacteriology	\$ 2 500 00	April 25, 1950
Levitt & Sons, Inc.	Study of foundation walls for basementless houses	10 010 00	June 22, 1950
American Dehydrators Association	Study of dehydrated alfalfa meal in swine nutrition	1 500 00	May 1, 1950
American Hereford Association	Study of dwarfism in Hereford calves	2 000 00	June 30, 1950
Standard Oil Co. of Indiana	Fellowship in engineering	3 000 00	May 31, 1950
Veterans Administration	Special medical librarian training for twelve or more	1 100 00	May 8, 1950
United States Navy	Naval aviation college program for one student	164 06	February 14, 1950
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
General Paving Co.	Construction of walks and terraces at student and staff apartments	\$ 790 00	May 19, 1950
Illinois State Trust Co.	Space in East St. Louis for Division of Crippled Children for period of thirteen months	1 820 00	May 15, 1950

Adjustments in Authorizations Issued Prior to July 1, 1949, Under Cost-Plus Standing Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>
Lewis S. Colbert	Two adjustments	\$165 48
Reliable Plumbing and Heating Company	Four adjustments	569 07
Schroeder's	One adjustment	250 00 ¹
Square Deal Electric Co.	Nine adjustments	406 10 ¹

This report was received for record.

EDWARD L. RYERSON TRAVELING FELLOWSHIPS IN ARCHITECTURE AND LANDSCAPE ARCHITECTURE

(28) Mr. Edward L. Ryerson of Chicago has offered to transfer to the Board of Trustees of the University, the assets of the Edward L. Ryerson Traveling Fellowship Foundation, an Illinois not-for-profit corporation, to be held in trust upon the following terms:

The income and to the extent determined by the Board of Trustees the principal of the trust property, and reinvestments thereof, shall be used to award Edward L. Ryerson Traveling Fellowships in Architecture and Landscape Archi-

¹ Deduct.

ture, the number, frequency, and size of the awards and the manner of selection of the recipients to be determined by the Board of Trustees; provided (1) that the principal shall be used during a period of twenty-five years from the date of the transfer only with the unanimous approval of the Board of Trustees, (2) that recipients may in the discretion of the Board of Trustees be limited to students or graduates of the University but only for so long a time as the University continues to have a large and representative body of students of Architecture and Landscape Architecture, and (3) that if the University of Illinois discontinues its schools of Architecture and Landscape Architecture, any remaining portion of the property will be transferred to another institution having one or both of such schools, to be used for similar purposes.

A schedule of the Foundation's assets, represented by securities and cash totaling \$84,500, is attached hereto; copies are being given to the Comptroller and the Secretary of the Board for record.

I have accepted this offer on behalf of the Board of Trustees and request confirmation of this action.

On motion of Dr. Meyer, the following resolution was adopted:

The Board of Trustees of the University of Illinois has received the offer of Mr. Edward L. Ryerson, distinguished citizen of Chicago, Illinois, on behalf of the Edward L. Ryerson Traveling Fellowship Foundation to transfer to the custody of the Board of Trustees the assets of the Foundation to be used for awards of Edward L. Ryerson Traveling Fellowships in Architecture and Landscape Architecture.

The Board confirms the action of the President of the University in accepting this generous offer under the terms and conditions specified by the donor which will be made a matter of permanent record in the transactions of the Board.

In taking this action the Board of Trustees also desires to record its appreciation of Mr. Ryerson's splendid gift. It directs that this resolution be spread upon the minutes of this meeting and that a copy of it be sent to Mr. Ryerson as a formal expression of the Board's gratitude.

ARTHUR M. BUSWELL MEMORIAL FUND

(29) On May 14, 1938 (Minutes, page 812), the Board of Trustees accepted a gift of one share of American Telephone and Telegraph stock from Professor and Mrs. Arthur M. Buswell as a memorial to their late son, Arthur. The book value of this gift is \$177.31.

The terms of the gift provided that the income was to be used for the purchase of books for the University High School Library unless and until the Board of Trustees deemed it advisable to put such funds to more appropriate use. Such income amounts to less than \$10.00 a year, and the Principal of the University High School and the Comptroller recommend that the fund be converted into cash and the entire amount be used to purchase books for the high school, such books to be suitably identified to indicate the purpose of the gift. The donors have been consulted and their approval of the use of the fund for this purpose has been secured.

Approval of the Board of Trustees is necessary for such use of these funds, and is, therefore, requested.

On motion of Mr. Fornof, authority was granted as requested.

RESOLUTIONS OF THE ILLINOIS PHARMACEUTICAL ASSOCIATION

(30) The following is a text of resolutions adopted at the Seventieth Annual Convention of the Illinois Pharmaceutical Association in Chicago on May 24, 1950:

WHEREAS, the best available statistics for 1949 indicate that the number of active practicing registered pharmacists in the State of Illinois is 6,700, and

WHEREAS, the most recent statistics indicate that the number of active assistant registered pharmacists in the State of Illinois is 663, and

WHEREAS, the additional number of assistant registered pharmacists is now restricted to a few qualified G.I.'s, and the closing date for such examinations is July 1, 1951, and

WHEREAS, registered pharmacists will be needed in the future to replace the total number, and

WHEREAS, the most recent estimate of replacements required is 3.1 per cent of a total of 7,363 full registered and assistant registered pharmacists, which signifies a need for 228 newly trained, full registered pharmacists in the State each year, and

WHEREAS, this figure does not take into consideration the making up of the current national shortage of competent registered pharmacists, as well as the replacement factor more than a total of 228 registered pharmacists in the State each year, indefinitely, and

WHEREAS, the University of Illinois does not have adequate facilities to train and teach a sufficient number of students in pharmacy, medicine, dentistry, and nursing, nor a sufficient number of graduate students qualifying them for teaching and research, and

WHEREAS, the University of Illinois offers the only curriculum in pharmacy in the State of Illinois, and

WHEREAS, while some of the pharmacy colleges in nearby states have in the past educated pharmacists for practice in the State of Illinois, the nearby state institutions having colleges of pharmacy do not now accept students from Illinois, devoting their facilities to residents of their own state; therefore, be it

Resolved: That the Illinois Pharmaceutical Association recommend to the President of the University and the Board of Trustees that facilities be established to graduate 200 pharmacists each year. Be it further

Resolved: That the Illinois Pharmaceutical Association concur in and support the proposal of the University of Illinois Building Committee to establish this building unit at an estimated cost of \$6,000,000, including \$900,000 for equipment, to further the adequate development of pharmaceutical education in this State, and at the same time alleviate the urgent need of space and facilities for the teaching of medicine, dentistry and nursing.

WHEREAS, the Chicago Professional Colleges of the University of Illinois are located in an area defined by the Chicago Park Planning Commission as distinctly a slum area, composed of many uninhabitable structures or buildings of such character as should be condemned for use, or encumbered by the close infringement of low-grade industry, and

WHEREAS, the only housing facility now available for the students and staff of the Colleges of Medicine, Dentistry, Pharmacy, and Nursing is represented by the West Side Professional Schools YMCA, which is only temporarily available, and

WHEREAS, students from outside of the City of Chicago have been unable to secure any living quarters, and thus have been deprived of attending these colleges, even though their qualifications might have admitted them and

WHEREAS, even staff members have found it impossible to secure housing for their families, and have left the institution; therefore, be it

Resolved: That the Illinois Pharmaceutical Association recommend to the President of the University and the Board of Trustees that due consideration be given to the establishment of adequate housing facilities for students immediately, in order that this disgraceful situation may be corrected; and be it further

Resolved: That the members of the Illinois Pharmaceutical Association, in convention assembly, hereby endorse the recommendations of the Advisory Committee, and pledge themselves, individually and collectively, to employ every means of legitimate influence in the immediate consummation of this important task; and be it further

Resolved: That copies of these resolutions be transmitted to Dr. A. C. Ivy, Vice-President in charge of the Chicago Professional Colleges; Dr. George D. Stoddard, President of the University of Illinois; Mr. Kenney E. Williamson, President of the Board of Trustees, and such other State and government officials whose assistance will be required in the consummation of these projects.

These above resolutions were adopted at the Annual Convention of the Illinois Pharmaceutical Association, on Wednesday, May 24th, 1950.

This resolution was received for record.

WATER RESOURCES BUILDING

(31) The Board of Natural Resources and Conservation requests that the new building being constructed on Springfield Avenue for the State Water Survey Division be named "Water Resources Building."

I concur.

On motion of Dr. Meyer, this name was approved.

ADVISORY COMMITTEE FOR THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

(32) For fifteen years, the College of Commerce and Business Administration has had a number of advisory committees of business and professional men selected from the business fields represented in the College educational program. At one time there were twelve of these committees with a total personnel of over one hundred. They were inactive. Most of them never met and were not called upon for service.

Last year the Dean set out to reactivate and reorganize these committees. As a first step, these committees were reduced in size to a total personnel of fifty. This spring all members were invited to a meeting at Allerton Park. A substantial number attended and a profitable two-day session was held to discuss the educational program of the College of Commerce. The attendance at this meeting also indicated which members of the older committees were still interested in serving.

The Dean recommends that in the future the College have a single advisory committee which will meet regularly once a year. He has invited the more active and interested members of the former committees to become members of the single new committee. He has also invited a number of business and professional men who have not previously had any connection with the College to join the new committee. He recommends that the former committees be replaced by a single "Advisory Committee of the College of Commerce and Business Administration," and he nominates the following for membership:

WALDO AMES, Partner, Moore, Case, Lyman, and Hubbard
J. C. ASPLEY, President, The Dartnell Corporation
WILLIAM BLACKIE, Vice-President, Caterpillar Tractor Company
H. W. BURRITT, President, The Eureka Williams Corporation
K. D. CARPENTER, President, Middle West Service Company
FRANZY EAKIN, Vice-President, A. E. Staley Manufacturing Company
WILLIAM M. EDENS, Assistant Comptroller, Continental Illinois National Bank
T. W. EDWARDS, Production Manager, U. S. Slicing Machine Company
H. GOODSITT, Executive Secretary, Illinois Savings and Loan League
OTTO GRESSENS, Vice-President, Commonwealth Edison Company
FRED G. HARRISON, President, Bank of Herrin
HENRY C. HAWES, Partner, Lybrand, Ross Bros. and Montgomery
C. E. JARCHOW, Vice-President, International Harvester Company
R. C. LANPHIER, Vice-President, Sangamo Electric Company
GEORGE W. MITCHELL, Director of Finance, State of Illinois
HOWARD H. MONK, Howard H. Monk and Associates
E. B. MORAN, Manager, Central Division, National Association of Credit Men
A. E. PATTON, Vice-President, Public Service Company of Northern Illinois
JOHN SLEZAK, President, Turner Brass Works
A. D. THEOBALD, Vice-President, People's Federal Savings and Loan, Peoria
C. S. YOUNG, President, Federal Reserve Bank of Chicago

The list has been approved by the College Executive Committee. Each of these men has indicated willingness to accept if appointed. For the future, the Dean plans a two-year rotation of the membership of the committee.

I concur in these recommendations.

On motion of Mr. Hickman, these appointments were approved.

REAPPROPRIATION OF UNEXPENDED BALANCES AT JUNE 30, 1950

(33) The Comptroller recommends that the following unexpended balances in appropriations made by the Board of Trustees for the fiscal year 1949-1950 for

services and projects not completed as of June 30, 1950, be reappropriated for the fiscal year beginning July 1, 1950.

I concur.

Urbana-Champaign

Office of Admissions and Records.....	\$ 2 216
Bursar — special equipment.....	16 000
Purchasing — storage building.....	9 575
Surplus equipment.....	1 852
Accounting Division — equipment.....	75
Campus planning.....	7 500
Community master plan.....	3 600
Health Service.....	90
Dean of Men.....	130
Provost's Office.....	55
Auditing.....	788
Statistical Service Unit.....	246
Health Service — remodeling.....	1 625
Division of General Studies.....	206
Psychology.....	636
Psychological Clinic — special equipment.....	231
Bacteriology — special equipment.....	16 302
Botany — special equipment — cytogenics.....	1 150
Botany — equipment.....	740
Classical Museum.....	136
Psychology — Ames demonstration.....	1 200
Geography.....	1 005
Speech Clinic — special equipment.....	2 672
Physiology — special equipment.....	8 942
Sociology and Anthropology.....	220
Geology.....	2 242
Geology — special equipment.....	1 050
Zoology.....	2 561
Chemistry.....	6 034
Chemistry — building remodeling.....	1 894
Chemistry — building supplementary.....	3 130
French.....	103
Agronomy — special equipment.....	20 000
Agronomy college.....	776
Dixon Springs building.....	16 000
Agronomy college.....	995
Agronomy station.....	4 469
Horticulture Field Laboratory — special equipment.....	9 006
Horticulture station — special equipment.....	304
Horticulture college.....	180
Horticulture station.....	125
Horticulture station — installation of electricity.....	2 165
Food Technology college.....	2 517
Food Technology station.....	1 826
Food Technology — special equipment.....	11 239
Dairy Science college.....	1 049
Dairy Science station.....	4 268
Agricultural Experiment Station — veterinary research.....	1 529
Agricultural car replacements.....	6 553
Crop storage building.....	5 680
Feed lot improvements.....	974
Food Technology — special equipment.....	11 064
McCullough farm forest plantation.....	3 459
Fencing — agriculture farms.....	6 600
Engineering station measurement program.....	545
Sanitary Engineering — special equipment.....	3 789
General Engineering Drawing.....	590
Physics college — special expense and equipment.....	10 234
Physics station.....	495
Physics station — betatron.....	133

Electrical Engineering college.....	4	220
Ceramic Engineering college.....	2	847
Mechanical Engineering college.....		860
Mechanical Engineering station.....	2	052
Mechanical Engineering college — equipment installation.....	21	848
Physical environment research.....	15	531
Theoretical and Applied Mechanics college.....	2	507
Theoretical and Applied Mechanics station.....	1	064
Physical environment — graduate.....	3	016
Geology — Chapman.....		73
Physiology — Prosser.....		400
Entomology — Kearns.....		35
Electronic digital computer.....	4	191
Illinois Studies.....	5	484
Scholarly publications.....	12	675
Education administration — equipment.....		43
Committee on Appointment of Teachers.....		85
University Council on Teacher Education.....	1	354
Secondary school — curriculum program.....	2	500
University Council on Teacher Education — cooperative teachers.....	1	750
Industrial Education — special equipment.....	22	622
University High School — special equipment.....		136
School of Music.....	1	200
Auditorium — organ console.....	9	828
Exhibits and lectures.....		125
Bureau of Community Planning.....		100
Fine and Applied Arts — bulletin.....	3	541
Art — equipment.....		533
Art — special equipment.....	2	335
Architecture.....	3	005
Physical Education for Men.....		457
Journalism and Communications — television tower.....	75	065
Institute of Communications — equipment.....		980
Airport quonset.....	34	745
Small Homes Council.....	2	163
Institute of Aviation.....	1	024
Radio Station.....		328
Robert Allerton Park — remodeling and equipment.....	20	030
Allerton Extension Center.....		385
Division of Social Welfare Administration.....		140
University Extension administration.....		193
Extramural courses and conferences.....	1	517
Music extension.....		413
Veterinary Medicine administration.....		175
Veterinary Anatomy and Histology.....		60
Veterinary Pathology and Hygiene.....		715
Veterinary Physiology and Pharmacology.....		536
Veterinary Clinical Medicine.....		238
Physical Plant operation and maintenance.....	12	736
Renewals and replacements.....	191	884
Minor building improvements.....	85	036
1007 South Wright Street — mail room.....		800
Lincoln Hall — coat hooks.....	1	400
David Kinley Hall — remodeling.....		203
Piano — President's House.....	2	150
Smith Music Hall — basement and skylight.....		190
Natural History Building — remodeling — botany.....	2	837
Natural History Building — sub-ceiling.....	2	400
State Water Survey and Natural Resources Building addition.....		330
Davenport Hall — fume hood.....	2	000
Agronomy Greenhouse — remodeling.....	2	500
Sheep Barn — sanitary facilities.....	3	600

1005 West Nevada Street	15 000
Armory — remodeling	12 098
Student and staff housing — planning	9 894
Altgeld Hall — remodeling rooms 304, 317, 319	1 478
Animal Genetics Building addition	1 359
Architectural services for future buildings	408
Band Building — acoustical treatment	365
Botany Annex — greenhouse remodeling	2 226
Changes in administrative offices	1 157
Civil Engineering — drafting room lighting	7 500
Commencement platform	6 412
Davenport House — third floor remodeling	672
David Kinley Hall — room 420	1 389
601 East John Street — remodeling	5 302
Engineering services — fire protection	5 054
Electrical Engineering Building — remodeling room 265	2 919
Horticulture Field Laboratory — remodeling	8 741
Horticulture Field Laboratory and Dairy Manufactures — remodeling	15 871
Illini Hall — third floor remodeling	6 672
1110 West Illinois Street — remodeling	5 935
1206 West Illinois Street — improvements	3 195
Increase Power Plant turbine capacity	1 979
Lincoln Hall — remodeling	3 571
McCullough farm house rehabilitation	4 762
Mumford Hall — library book stacks	7 983
Natural History Building remodeling —	
General	2 639
Greenhouse	55
Renovation and ventilation	34 599
Rooms 154, 304, 305	176
Newly acquired property improvements	5 813
Noyes Laboratory — library remodeling	6 487
Noyes Laboratory remodeling —	
General	4 047
Rooms 151 and 154	18 421
Room 170	52
Third and fourth floors	58 204
Renovating and modernization	87 481
Safety improvements	9 794
Parking facilities	26 345
Physics Building — electrical improvements	3 391
Physics Building — remodeling	3 080
Purchase of land	232
Staff housing — Race and Florida	4 801
Student housing construction survey	1 478
Veterinary Pathology Laboratory	1 335
Vivarium Building —	
Remodeling	6 145
Water supply	455
Zoology — animal sheds	18
Service building remodeling	107 234
Physics Laboratory repowering	120 318
David Kinley Hall — remodeling room 214	800
Water softener — chemistry	1 300
Civil Engineering Building — remodeling rooms 112, 112A	800
<i>Total, Urbana-Champaign</i>	(1 431 402)

Chicago Professional Colleges

Anatomy — dissecting tables	2 989
Hospital dental clinic equipment	18
Radiology — special equipment	103

College of Medicine	4	136
College of Dentistry	5	324
Research and Educational Hospitals	1	595
Physical Plant	68	828
Museum of Science and Industry publications	2	264
Animal Hospital — cages and equipment	9	552
Ink writing oscillograph		145
Preventive Medicine — special equipment	5	813
Isotope laboratory equipment	2	800
Dentistry for Children — special equipment		738
Institution for Tuberculosis Research	34	365
Laboratory flame photometer	2	000
Radar seed production equipment	5	940
Eye and Ear Infirmary — library books		74
Medical betatron	7	584
Animal Hospital, 1121 S. Winchester — remodeling	1	180
Physical Medicine — remodeling		694
Physical environment cold room	12	413
Land and architectural services, Chicago housing project	6	502
Medical Center Steam Company	53	837
Toxicology Division — remodeling	1	455
Drug Plant Experiment Station building	64	323
Dentistry, Medicine, and Pharmacy Building — remodeling room 166 ..	3	000
Biochemistry — architectural services	9	975
Dentistry, Medicine, and Pharmacy Building — remodeling room 363 ..		975
Pathology — remodeling	7	500
Dentistry, Medicine, and Pharmacy Building — remodeling room 406 ..		600
Isotope laboratory		400
Union Building — folding partitions	2	000
<i>Total, Chicago Professional Colleges</i>	(319	122)
<i>Chicago Undergraduate Division</i>		
Liberal Arts and Sciences	1	296
College of Engineering	1	814
Physical Plant	19	722
Health Service — X-ray equipment	2	175
R.O.T.C. special equipment	2	800
Remodeling R.O.T.C. program	11	000
<i>Total, Chicago Undergraduate Division</i>	(38	807)
Galesburg appropriation control		600
<i>Grand Total</i>	\$1	789 931

On motion of Mr. Fornof, these funds were reappropriated by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. McLaughlin, Mr. Nickell, Mr. Stevenson.

CHANGES IN PROVISIONS FOR DEATH BENEFITS AND DISABILITY AND RETIRING ALLOWANCES

(34) On May 19, 1950 (Minutes, page 1131), the Board of Trustees adopted a resolution amending its previous actions relating to provisions for death benefits and disability and retiring allowances. These amendments were based upon recommendations from the University of Illinois Committee on the Retirement System. The Committee overlooked one point and now wishes to recommend that Paragraph 2 of the resolution of May 19, 1950, be amended to read (new language in *italics*):

2. Rights to benefits of present employees, *excepting those who have entered the Federal Civil Service Retirement System, thus relinquishing the right to participate in the University Retirement System of Illinois*, originally employed prior

to May 20, 1950, as provided for under the resolution of the Board of Trustees of August 5, 1941, shall not be affected by this resolution.

This recommendation is submitted because it is known that there are at present several persons on the University of Illinois staff who are members of the Federal Civil Service Retirement System, thus rendering them ineligible to participate in the University System. The Committee feels that since these persons are in another public tax-supported Retirement System, no protection need be provided by the University of Illinois.

I concur.

On motion of Mr. Fornof, this amendment was approved.

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(35) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded the following persons on the basis of having fulfilled all of the requirements and having passed the Illinois C.P.A. examination given in May, 1950:

WILLIAM WILCOX ALFORD
JOHN EVERETT ALLARE
ALBRECHT DURER ALLEN
WILLIAM ALBIN ANDERSON
BRUCE LEE BALCH
JOSEPH ARCOTTA BATTAGLIA
JOHN RICHARD BECK
MAURIE HERBERT BERMAN
HOWARD IRVING BERNSTEIN
ABRAHAM BITTMAN
IRVING LEO BLACKMAN
ABRAHAM BLUMENFELD
HERBERT ROBERT BOLSHON
HOMER ALBERT BONHIVER
ROY ALBERT BRANDELL
DAVID PIERCE BRANNIN, JR.
HERBERT JAMES BREWER
JOHN JOSEPH BUTLER
FLOYD ALEX CALDINI
GEORGE LOGAN CAREY
CHARLES CHAZEN
CHARLES STROTHER CHRISTENSEN
HAROLD LEWIS COX
ARTHUR LESLIE CRANDALL
BERNARD N. CUTLER
McROBERT TAYLOR DANIEL
NICHOLAS PETER DEGAN
THOMAS JOHN DIESCHBOURG
JOSEPH VINCENT DOMOVICH
WILLIAM JOSEPH DONAHUE
JAMES RUSSELL DOWNEY
ROBERT HAMILTON FEINBERG
ERNEST WALTER FREIER
THOMAS EDWARD GALLAGHER
CHARLES JAMES GANSLOSER
CHARLES ARON GELMAN
ROBERT PERRY GEMBERLING
WILLIAM ROBERT GENT
SIDNEY LOUIS GIMBEL
ROBERT GOLDMAN
O. ELDRED GOUGH
MARSHALL MELVIN HARRIS
WILBUR DEAN HARRIS
RICHARD EDWARD HAYES
HAROLD HERMAN HEINKEL

JEROME IRWIN HERSH
LEONARD HOWARD HIRSCH
ROBERT JOSEPH HOHLMAN
GARRET SUSUMU HOKADA
HAROLD EDWARD HYLDEN
DAVID JACOBSON
ROBERT MINOR JAMES
ROBERT HENRY JENNE
HENRY OSCAR JORDAHL
WESLEY JUNG
GORDON MASAYA KADOWAKI
DONALD KAPLAN
HARVEY EDWARD KAPNICK, JR.
BENJAMIN KAPP
LEONARD ONUFY KAY
RAYMOND LEO KELLEY
JAMES ROBERT KELLY
JEAN MARIE KENNEY
DAVID KLEINERMAN
LEROY AUGUST KLOSKE
LEO JAY KRUPP
BENEDICT THOMAS KUDLO
THOMAS MILTON KUPFER
BENJAMIN BOB LEAF
MARVIN JAY LEON
PHILLIP IRWIN LIPSCHULTZ
KENNETH HARRY LINGLE
RAYMOND THOMAS LLOYD, JR.
MAURICE LEO LOVINGER
MURRELL JONATHAN LOY
ANDREW LUDOLPH
RICHARD FREDERICK LUECHT
PHILIP HAROLD MAJOR
MICHAEL THOMAS MALONEY
SALVATORE JOSEPH MARINELLO
KENNETH JEROME MATLOCK
THOMAS JAMES MCCrackEN
ROBERT FRANKLIN McDONALD
WILLIAM HENRY MERKLE
ROBERT EDSON MILLER
DONALD RICHARD MOLLER
HARRY DAVID MOREY
PERRY MORI
ORA GLENSON MYERS
ALBERT RICHARD NELSON

GERALD KENNETH NELSON
 GORDON JUNIOR NICHOLSON
 JOSEPH F. NOWAK
 BRUCE PARKS OLSON
 ALBERT L. OTTO
 ALGER DONALD PAAUW
 RUDOLPH EDWARD PALLUCK
 JOSEPH PECKERMAN
 MARTIN BERNARD POWERS
 EDWARD JOHN PRATT
 JAMES VINCENT PRIMROSE
 WALTER RATZKA
 PHILLIP RICH
 ROBERT CHARLES ROARTY
 GILBERT MORRIS ROCKOFF
 EDWARD FRANK ROKOS
 ANDREW GEORGE ROSULEK
 IRVING LOEB RUBEL
 ARNOLD MARSHALL RUSTEN
 ROBERT JOHN RYAN
 JOHN THOMAS SCHROEDER
 WALTER CARL SCHUTZ
 ROBERT MELWOOD SCOTT
 LOREN DAVID SEXAUER, JR.

BERNARD LOUIS SHAPIRO
 FRANK CHATTERSON SHELDON
 ALICE EILEEN SHERMAN
 NATHAN SHEWITZ
 WAYNE SIMPSON
 WALTER JAMES SIWY
 DONALD HARVEY SKADDEN
 THOMAS FRANCIS STAPLETON, JR.
 GEORGE JOSEPH STAUBUS
 CHARLES EDWARD STISSER
 SAMUEL STRAUS
 ALEX CHARLES TIFFY
 GEORGE TIPESCU
 MORRIS H. TULSKY
 ROBERT EUGENE VAN SICKLE
 CHARLES JOHN VOJTA, JR.
 NATHAN WAGNER
 ROBERT ARTHUR WEBSTER
 DAVID CAMPBELL WHITE
 GORDON OLIVER WILLIAMS
 BERTRAM JORDAN WOLF
 ARTHUR RAMER WYATT
 ROBERT LOUIS ZABEL

The Committee also recommends that the following persons be awarded the certificate under Section 5 of the Accountancy Act of 1943 on the basis of evidence presented that they hold unrevoked C.P.A. certificates issued by other states or territories of the United States:

FRANCIS NICHOLAS BECKER (Mo.)
 GEORGE JOSEPH BRADY (N.Y.)
 ROBERT WARREN CARLSON (D.C.)
 JOHN GILBERT CASTILLO (Kans.)
 FRANK XAVIER DENIER (N.Y.)

HAROLD LEWIS DUBERS (N.Y.)
 CLETUS MATHIAS LAUX (Mich.)
 GEORGE JOHN MAZUR (Ind.)
 ARDALE MARION STAMM (D.C.)

I concur.

On motion of Mr. Livingston, these certificates were awarded as recommended.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

ADAMS, MRS. CATHARINE, Education, Summer Session of 1950 (38/100), June 23-August 19, 1950, \$304, supersedes (6-27-50).
 AMADOR, LUIS V., Research Associate, Neurology and Neurological Surgery (Medicine), July 1, 1950-August 31, 1951, \$8000 a year (7-10-50).
 ASHWORTH, BETTY J., Instructor, Nursery School (Division of Special Services for War Veterans), academic year beginning September 1, 1950, \$3200 (7-8-50).
 ASROW, GERTRUDE, Research Assistant, Pediatrics (Medicine), June 15-August 31, 1950, \$286.66 a month (7-1-50).
 BABB, D. S., Electrical Engineering, Summer Session of 1950, June 23-August 19, 1950, \$1000, supersedes (7-17-50).
 BANNISTER, T. C., Architecture, Summer Session of 1950, June 23-August 19, 1950, \$2000 (6-27-50).

- BARGH, GEORGE H., JR., Assistant Dean of Men, one year beginning September 1, 1950, \$3000 (7-8-50).
- BEAVERS, ALVIN H., Assistant Professor, Soil Physics (Agronomy) (C & S), July 15, 1950-August 31, 1951, \$5200 a year (7-13-50).
- BLODGETT, D. R., Visiting Lecturer, Education, June 23-August 19, 1950, \$750 (7-14-50).
- BROPHY, EDMOND M., Assistant Medical Officer, Health Service ($\frac{1}{2}$), one year beginning July 1, 1950, \$3000 (6-30-50).
- BROWN, WILLIAM B., Research Assistant, Psychology (Graduate College), one year beginning July 1, 1950, \$4200 (7-14-50).
- BURKHOLDER, PAUL, Physical Sciences (Undergraduate Division in Chicago), Summer Session of 1950, eight weeks beginning June 26, 1950, \$756 (6-28-50).
- BYERS, FRANKLIN H., Research Assistant, Bureau of Institutional Research, one year beginning June 1, 1950, \$250 a month (7-6-50).
- CHANLER, JOSEPHINE H., Mathematics, Summer Session of 1950, June 23-August 19, 1950, \$1000 (7-17-50).
- CHAUFOURNIER, ROGER, Research Assistant, Economics, one year beginning July 1, 1950, \$5400 (7-7-50).
- CHERTACK, MELVIN M., Assistant to the Health Officer (Chicago Professional Colleges), six months beginning July 1, 1950, \$250 a month (7-1-50).
- CLARY, CORNELIA L., Instructor, Nursery School (Division of Special Services for War Veterans), academic year beginning September 1, 1950, \$3400 (7-8-50).
- CLAYTON, JOE T., Assistant, Agricultural Engineering (S), July 1-September 14, 1950, \$240 a month (7-6-50).
- CLINEBELL, PAUL W., Research Assistant, Civil Engineering (S), three months beginning June 19, 1950, \$266.66 a month (7-14-50).
- COBB, A. C., Theoretical and Applied Mechanics (Undergraduate Division in Chicago), Summer Session of 1950 ($\frac{1}{2}$), eight weeks beginning June 26, 1950, \$560, supersedes (6-23-50).
- DAVISSON, EDWIN O., Research Assistant, Chemistry (Graduate College), June 16-August 31, 1950, \$667.50 (7-6-50).
- DODGE, A. F., Education, Summer Session of 1950, June 23-August 19, 1950, \$1412, supersedes (7-11-50).
- DONAHOE, NED, Speech, Summer Session of 1950, June 23-August 19, 1950, \$624, supersedes (6-27-50).
- DUFNER, MAX, Assistant, German, nine months beginning September 16, 1950, \$2800 (6-28-50).
- DUNCAN, W. L., Library Science, Summer Session of 1950, June 23-August 19, 1950, \$534 (6-27-50).
- GARRISON, I. K., Education, Summer Session of 1950 ($\frac{1}{2}$), June 23-August 19, 1950, \$400 (7-17-50).
- GIANASI, CHARLES A., Clinical Assistant, Medicine (Medicine), two months beginning July 1, 1950, without salary, supersedes (7-8-50).
- GIBSON, WILFRED A., Assistant Professor, Psychology, academic year beginning September 1, 1950, \$4250 (7-3-50).
- GINSTROM, R. A., Art, Summer Session of 1950, June 23-August 19, 1950, \$534 (7-17-50).
- GRISSOM, ROBERT L., Assistant Professor, Medicine (Medicine), two months beginning July 1, 1950, \$500 a month, supersedes (7-11-50).
- GUTOWSKY, H. S., Instructor, Chemistry (Graduate College), three months beginning June 16, 1950, \$466.67 a month (7-14-50).
- HANSEN, ROGER G., Associate Professor, Dairy Biological Chemistry (Dairy Science) (C & S), August 1, 1950-August 31, 1951, \$6200 a year (7-13-50).
- HARMS, ALFRED G., Assistant, Agricultural Economics (S), June 12-August 31, 1950, \$346.67 a month, supersedes (7-8-50).
- HAUSRATH, MRS. MARY L., Education, Summer Session of 1950 (28/100), June 23-August 19, 1950, \$200, supersedes (6-27-50).
- HAWKINS, EDWARD, Instructor, Applied Materia Medica and Therapeutics (Dentistry), two months beginning July 1, 1950, \$416.67 a month (7-8-50).

- HOFFMAN, ROBERT V., JR., Instructor, Pathology (Medicine), one year beginning July 1, 1950, without salary (7-8-50).
- HOLLENBECK, HOWARD B., Assistant Professor, Social Welfare Administration, academic year beginning September 1, 1950, \$4600 (6-30-50).
- HOUGH, J. L., Geology, Summer Session of 1950, August 15-September 15, 1950, \$656, supersedes (6-27-50).
- HOUPF, THOMAS R., Instructor, Veterinary Physiology and Pharmacology (Veterinary Medicine) ($\frac{3}{4}$), one year beginning September 1, 1950, \$3000 (7-1-50).
- HUGHES, EDWIN L., Research Assistant, Electronic Digital Computer (Graduate College), three months beginning June 16, 1950, \$266.67 a month, supersedes (7-6-50).
- IRWIN, OWEN R., Postdoctoral Research Assistant, Chemistry (Graduate College), two months beginning July 1, 1950, \$650 (7-10-50).
- JOHNSON, CHARLES E., Counselor, University Council on Teacher Education ($\frac{3}{4}$), June 24-August 18, 1950, \$222.22 (6-23-50).
- JOHNSON, ERIC H., Instructor, Student Teaching (University Council on Teacher Education) ($\frac{1}{2}$), academic year beginning September 1, 1950, \$2000 (7-1-50).
- JONES, ROBERT S., Assistant Professor, Education, academic year beginning September 1, 1950, \$4200 (6-30-50).
- KAHLER, F. A., III, Theoretical and Applied Mechanics (Undergraduate Division in Chicago), Summer Session of 1950, eight weeks beginning June 26, 1950, \$889, supersedes (6-23-50).
- KARNES, MRS. MERLE B., Education, Summer Session of 1950 ($\frac{1}{2}$), June 23-August 19, 1950, \$600 (6-27-50).
- KATZ, H. W., Electrical Engineering, Summer Session of 1950, June 23-August 19, 1950, \$846, supersedes (7-17-50).
- KELLY, ROSS A., Assistant Professor, Agricultural Economics (C & S), two months beginning July 1, 1950, \$933.34, supersedes (7-11-50).
- KERR, DOUGLAS W., Research Assistant Professor, Applied Materia Medica and Therapeutics (Dentistry), three months beginning July 1, 1950, \$666.67 a month (7-11-50).
- KING, EDWIN, Research Assistant, Entomology (Graduate College), three months beginning June 16, 1950, \$750 (7-6-50).
- KIRCH, E. R., Chemistry (Pharmacy), Summer Session of 1950 ($\frac{1}{2}$), eight weeks beginning June 26, 1950, \$634 (7-17-50).
- KOEPF-BAKER, HERBERT, Professor, Clinical Speech Pathology (Otolaryngology) (Medicine) ($\frac{1}{4}$), on indefinite tenure, and Director of the Cleft Palate Training Project (Division of Services for Crippled Children) ($\frac{3}{4}$), three months, beginning June 1, 1950, \$850 a month, supersedes (7-18-50).
- LAITALA, EVERETT, Mechanical Engineering, Summer Session of 1950, June 23-August 19, 1950, \$1223, supersedes (7-17-50).
- LANDIN, JOSEPH, Mathematics, Summer Session of 1950 ($\frac{1}{2}$), June 23-August 19, 1950, \$500, supersedes (7-14-50).
- LAST, J. H., Pharmacology (Medicine), Summer Session of 1950 ($\frac{1}{6}$), eight weeks beginning June 26, 1950, \$215 (7-17-50).
- LAWDER, HOMER L., Assistant Professor, Hygiene, and Acting University Health Officer, five months beginning April 1, 1950, \$8400 a year, supersedes (7-6-50).
- MARTIN, D. M., Research Assistant, Civil Engineering (C), three months beginning June 15, 1950, \$266.66 a month (6-28-50).
- MARTIN, W. E., Assistant Professor, Education, academic year beginning September 1, 1950, \$4680 (6-30-50).
- McFERON, D. E., Mechanical Engineering, Summer Session of 1950, June 23-August 19, 1950, \$823, supersedes (7-17-50).
- MOSS, W. GLEN, Assistant Professor, Physiology (Medicine) ($\frac{3}{4}$), July 15-August 31, 1950, \$374.99 a month, supersedes (7-11-50).
- NICKLAS, DOUGLASS R., Graduate Research Assistant, Psychology, two months beginning July 1, 1950, \$533.32, supersedes (6-28-50).
- NOWLIN, GENE, Research Assistant, Chemistry (Graduate College), two months beginning July 1, 1950, \$650 (7-10-50).
- OTIS, JACK, Clinical Psychotherapist, and Instructor, Mental Hygiene (Health Service), one year beginning September 1, 1950, \$4200 (7-20-50).

- PHELPS, ROSE B., Library Science, Summer Session of 1950, June 23-August 19, 1950, \$1156, supersedes (7-17-50).
- POLLARD, W. S., JR., Research Associate, Civil Engineering, three months beginning June 15, 1950, \$350 a month (6-27-50).
- PRESS, EDWARD, Associate Director, Division of Services for Crippled Children, July 1, 1950-August 31, 1951, \$9000 a year (7-3-50).
- PRICE, R. M., Physics (Undergraduate Division in Chicago), Summer Session of 1950 ($\frac{1}{2}$), eight weeks beginning June 26, 1950, \$667, supersedes (6-23-50).
- RICHARDSON, GENEVIEVE, Speech, Summer Session of 1950, June 23-August 19, 1950, \$624, supersedes (6-27-50).
- ROSS, R. C., Professor, Agricultural Economics (C) ($\frac{1}{2}$), to render service during each academic year, and (S) ($\frac{1}{2}$) (on Y basis), indefinite tenure beginning September 1, 1949, \$7200 a year, supersedes (6-30-50).
- ROSS, R. C., Agricultural Economics, Summer Session of 1950 ($\frac{1}{2}$), June 23-August 19, 1950, \$720 (7-17-50).
- SAUERLENDER, OWEN H., Research Assistant, Graduate College, three months beginning June 16, 1950, \$867 (6-28-50).
- SCHILLING, WILLIAM M., Research Assistant, Chemistry (Graduate College), two months beginning July 1, 1950, \$650 (7-10-50).
- SCHMITTLE, SAMUEL C., Instructor, Veterinary Pathology and Hygiene (Veterinary Medicine) and (Agricultural Experiment Station), two months beginning July 1, 1950, \$375 a month, supersedes (6-23-50).
- SCHWARZLOSE, P. F., Electrical Engineering, Summer Session of 1950, June 23-August 19, 1950, \$1112, supersedes (7-17-50).
- SHAPIRO, S. E., General Engineering Drawing (Undergraduate Division in Chicago), Summer Session of 1950, eight weeks beginning June 26, 1950, \$1250, supersedes (6-23-50).
- SILBERG, S. S., General Engineering Drawing (Undergraduate Division in Chicago), Summer Session of 1950, eight weeks beginning June 26, 1950, \$1000, supersedes (6-23-50).
- SKADELAND, H. M., Physics (Undergraduate Division in Chicago), Summer Session of 1950 ($\frac{2}{3}$), eight weeks beginning June 26, 1950, \$594 (7-8-50).
- SWART, KOENRAAD W., Visiting Lecturer, History, with rank of Assistant Professor, ten months beginning September 1, 1950, \$4900 (6-30-50).
- TAAFFE, EDWARD J., Instructor, Social Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$3200 (7-1-50).
- TAYLOR, W. ROWLAND, Postdoctoral Research Assistant, Chemistry (Graduate College), one year beginning September 1, 1950, \$4000 (6-28-50).
- TIGERMAN, HENRY, Postdoctoral Research Assistant, Chemistry (Graduate College), one year beginning September 16, 1950, \$4000 (6-28-50).
- TRIGGER, K. J., Mechanical Engineering, Summer Session of 1950, June 23-August 19, 1950, \$1556, supersedes (7-17-50).
- TUNG, TIE P., Research Assistant, Civil Engineering (S), one year beginning July 1, 1950, \$3600, supersedes (6-21-50).
- URSIC, STANLEY J., Assistant, Forest Research (Forestry) (S), July 1, 1950-August 31, 1951, \$3200 a year (7-6-50).
- VERSEN, WALTER G., Physical Education for Men (Undergraduate Division in Chicago), Summer Session of 1950, eight weeks beginning June 26, 1950, \$645 (7-8-50).
- WEIL, NICHOLAS A., Research Assistant, Civil Engineering (S), three months beginning June 16, 1950, \$266.66 a month (6-20-50).
- WYANT, GORDON M., Assistant Professor, Anesthesia (Surgery) (Medicine) (95/100), three months beginning June 1, 1950, \$516.66 a month (7-3-50).
- YANKWICH, PETER E., Research Assistant Professor, Chemistry (Graduate College), three months beginning June 16, 1950, \$1600, in addition to present appointment in Chemistry (7-10-50).
- ZAK, HERBERT B., Assistant, Graduate Pedodontia (Dentistry) (3/10), June 15-August 31, 1950, without salary (7-1-50).
- ZANOTTI, G. J., General Engineering Drawing (Undergraduate Division in Chicago), Summer Session of 1950, eight weeks beginning June 26, 1950, \$889, supersedes (6-23-50).

- ZEMAN, MORTON, Research Assistant, Bureau of Economic and Business Research, three months beginning June 16, 1950, \$250 a month, supersedes (7-14-50).
 ZISKA, GEORGE W., JR., Research Assistant, Botany (Graduate College), June 1-September 15, 1950, \$933.34, supersedes (7-10-50).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- AGNELLO, EUGENE J., American Cyanamid Company Postdoctoral Fellow, Chemistry, nine months beginning September 16, 1950, \$3000 (7-5-50).
 BARON, LOUIS S., E. R. Squibb and Sons Fellow, Bacteriology, eight weeks beginning June 26, 1950, \$240 (6-29-50).
 BENSON, JOAN, Kate Neal Kinley Memorial Fellow for 1950-1951 (7-7-50).
 DEASON, WALLACE R., G. D. Searles and Company Fellow, Chemistry, one year beginning June 16, 1950, \$1800 (6-29-50).
 FRIEDBERG, ARTHUR L., Fellow, Ceramic Engineering, ten months beginning September 1, 1950, \$1700 (7-11-50).
 IVY, HORACE K., Research Fellow, Clinical Science (Medicine), March 15-June 30, 1950, \$2400 (6-27-50).
 MILLS, JOHN R., Victor Chemical Works Fellow, Chemistry, September 16, 1950-January 31, 1951, \$675 (7-6-50).
 RETALLICK, WILLIAM B., Pittsburgh Consolidation Coal Company Fellow, Chemistry, nine months beginning September 16, 1950, \$1200 (7-5-50).
 ROSIERE, CHARLES E., Research Fellow, Clinical Science (Medicine), June 15, 1950-August 31, 1951, \$1920 a year (7-8-50).
 SCHULD, ERICH H., JR., E. R. Squibb and Sons Fellow, Bacteriology, eight weeks beginning June 26, 1950, \$240 (6-29-50).
 SELTZER, HARRIETT A., Non-resident Special Fellow, Spanish, one year beginning August 1, 1950, \$2400 (7-7-50).
 TAYLOR, EDWARD C., JR., Postdoctoral E. I. du Pont de Nemours and Company Fellow, Chemistry, nine months beginning November 1, 1950, \$3000 (6-19-50).

RESIGNATIONS AND DECLINATIONS

- BEVAN, MRS. BETTY M., Assistant, Plant Pathology Research (Horticulture) (S) — resignation effective 7-31-50.
 BORTH, DANIEL, Professor, Accountancy (Business Organization and Operation), and Associate Dean, Commerce and Business Administration — resignation effective 7-1-50.
 COLE, MRS. MARGARET C., Assistant, Home Economics (S) — resignation effective 9-1-50.
 GARNESKI, THOMAS M., Electroencephalographer, Psychiatry (Medicine) — resignation effective 5-31-50.
 GONDEK, FRANK R., Instructor, Medicine (Medicine) — resignation effective 6-1-50.
 HAMMOND, SETH, Assistant Professor, Economics — resignation effective 8-31-50.
 IMPASTATO, FRANK, Assistant, Surgery (Medicine) — declination effective 3-1-50.
 KEIRS, RUSSELL J., Assistant Professor, Dairy Chemistry (Dairy Science) (C & S) — resignation effective 9-1-50.
 KULHANEK, LADDIE J., Instructor, Crowns and Fixed Partial Dentures (Dentistry) — resignation effective 9-1-50.
 MARSHALL, JOHN M., JR., Bristol Laboratories Research Fellow, Pathology (Medicine) — resignation effective 7-1-50.
 MAXWELL, CHARLES L., Assistant Professor, Hygiene, and Medical Adviser for Men (Health Service) — resignation effective 7-1-50.
 PASTVA, MRS. ELOISE C., Research Associate, Psychology (Psychiatry) (Medicine) — resignation effective 6-30-50.
 SCHERMERHORN, J. R., Assistant Professor, Mechanical Engineering (Undergraduate Division in Chicago) — resignation effective 8-31-50.
 SCOTT, N. R., Assistant Professor, Electrical Engineering (C) — resignation effective 9-1-50.

LEAVES OF ABSENCE

MEYER, JULIA, Research Associate, Oral Pathology (Dentistry) — leave of absence, without salary, August 1-August 31, 1950.

PAGE, MRS. JANET L., Assistant, Animal Nutrition (Animal Science) (S) — leave of absence, without salary, September 1-September 19, 1950.

SWANK, IRMA L., Serial Cataloger, with the rank of Instructor, Library — leave of absence, without salary, July 1-August 31, 1950.

The Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

THE UNIVERSITY OF ILLINOIS BUDGET FOR 1950-1951

(Approved by the Board of Trustees July 25, 1950, page 5)

EXPLANATORY NOTES

Appropriations for Salaries are available for the term indicated in each case but not for more than one year from September 1, 1950.

When appointments are made at salary rates less than the amounts provided in the budget, the unused balance is lapsed at that time, resulting in a reduction in the budget.

Funds appropriated for positions in the salary budget which are not yet filled may, pending the appointment of someone to the position, be drawn against by time cards submitted to the Business Office for services of employees temporarily engaged to do the work contemplated by the position. Such temporary charges *may not exceed the amount of time provided* by the position unless indicated herein or otherwise approved by the President.

All unexpended balances remaining in the salary budget lapse at the close of each calendar month unless previously assigned or encumbered. Such lapses do not result in a reduction in the budget.

Departmental appropriations are made under the captions "Salaries," "Wages," and "Expense and Equipment." No transfers may be made between "salaries" and "Expense and Equipment" except with the approval of the President of the University. Requests for such changes should be submitted to the Comptroller. Adjustments may be requested between "Salaries" and "Wages" and between "Wages" and "Expense and Equipment" upon notice to the Comptroller, stating the reason for such transfer.

Appropriations for expense, equipment, and wages are available for one year beginning July 1, 1950, and ending June 30, 1951. All unexpended balances lapse June 30, 1951. The reappropriation of funds will be considered only in special situations.

All budgets of auxiliary enterprises, cooperative investigations, other trust funds and budgets indicated as "from receipts" are on an estimated basis. Unless otherwise indicated, appropriations are limited to actual income, but any balances or receipts in excess of the estimate are appropriated for the operation of the activity.

The services required for members of the academic and administrative staff are in accordance with "Terms of Employment" adopted by the Board of Trustees on January 8, 1948.

a. For those positions indicated entirely as "Y", or for that portion of time indicated as "Y", services are required for the full year of twelve months, with allowance of one month for vacation. No additional compensation is allowed for summer session services for any salary or portion of salary indicated as "Y".

b. For those positions in the academic budget not indicated as "Y", or for that portion of time not indicated as "Y", services are required only during the regular academic year of two semesters (three terms in Chicago Professional Colleges). If teaching is required during the Summer Session, it will be covered by an additional appointment with salary.

The services required for members of the nonacademic staff are for a full year of twelve months, with allowance for vacation, in accordance with civil service regulations. Salaries are paid in twelve equal monthly installments and positions are indicated as "H".

Symbols

- A — Indefinite tenure, payable in twelve monthly installments.
- B — Two years from September 1, 1949, payable in twelve monthly installments.
- B' — Same as B, with change in status or salary effective September 1, 1950.
- D — One year from September 1, 1950, payable in twelve monthly installments.
- E — The academic year 1950-1951, payable in ten installments of which the first and last shall be half installments and the other eight full installments equal to one-ninth of the annual salary.
- G — Special tenure as described.

H—In accordance with civil service regulations, beginning July 1, 1950.

Y—When following A, B, D, or G, indicates that services are required throughout the year, except for allowable vacation, without additional compensation.

Part-time

When any of the above symbols is combined with a number, the number indicates the fraction of time in per cent covered by the position.

COMPARATIVE SUMMARY OF INCOME AND APPROPRIATIONS

	1949-1950 Revised	1950-1951
<i>Estimated Income</i>		
General.....	\$31 015 102	\$31 115 102
Restricted.....	11 529 934	11 810 688
<i>Total, Estimated Income</i>	<u>\$42 545 036</u>	<u>\$42 925 790</u>
<i>Allocation of Estimated Income</i>		
Appropriations by Board of Trustees		
From General Income.....	\$30 043 129	\$30 936 934
From Restricted Income.....	11 529 934	11 810 688
<i>Total, Appropriations</i>	<u>(41 573 063)</u>	<u>(42 747 622)</u>
Reserve for Nonrecurring Purposes.....	900 000	.....
<i>Total, Allocations</i>	<u>\$42 473 063</u>	<u>\$42 747 622</u>
<i>Unappropriated Balance from General Income</i>	\$ 71 973	\$ 178 168

ESTIMATED INCOME

<i>Educational and General</i>	<i>General</i>	<i>Restricted</i>	<i>Total</i>
Public Appropriations	<i>Income</i>	<i>Income</i>	
State (one-half biennial appropriations from tax revenues)			
For Current Operations.....	\$26 135 871	.....	\$26 135 871
For Division of Services for Crippled Children.....	.....	\$1 032 057	1 032 057
For Institution for Tuberculosis Research.....	.....	71 500	71 500
<i>Total, State</i>	<u>(26 135 871)</u>	<u>(1 103 557)</u>	<u>(27 239 428)</u>
Federal			
Morrill-Nelson Acts.....	50 000	.....	50 000
Bankhead-Jones Act (Teaching).....	110 131	.....	110 131
Smith-Hughes Act.....	37 500	.....	37 500
Hatch and Adams Act.....	.....	30 000	30 000
Bankhead-Jones Act (Research).....	.....	100 947	100 947
Purnell Act.....	.....	60 000	60 000
Regional Research Act.....	.....	26 050	26 050
Research and Marketing Act.....	.....	105 873	105 873
Additional Cooperative Act.....	.....	10 737	10 737
Bankhead-Flannagan Act.....	.....	374 948	374 948
Capper-Ketcham Act.....	.....	38 183	38 183
Research and Marketing Extension Act.....	.....	4 500	4 500
Smith-Lever Acts (including Bankhead-Jones Extension).....	.....	531 169	531 169
Social Security Act—Services for Crippled Children.....	.....	253 284	253 284
<i>Total, Federal</i>	<u>(197 631)</u>	<u>(1 535 691)</u>	<u>(1 733 322)</u>
<i>Total, Public Appropriations</i>	<u>(26 333 502)</u>	<u>(2 639 248)</u>	<u>(28 972 750)</u>
Student Fees			
Gross.....	4 010 000	.....	4 010 000
Deduct Estimated Refunds.....	70 000	.....	70 000
<i>Net, Student Fees</i>	<u>(3 940 000)</u>	.....	<u>(3 940 000)</u>
From 1949-1950 Funds Reserved for Increasing Budget.....	390 000	.....	390 000

ESTIMATED INCOME (CONCLUDED)

<i>Educational and General</i>	<i>General Income</i>	<i>Restricted Income</i>	<i>Total</i>
Sales and Services of Educational Departments and Miscellaneous Current Income			
Research and Educational Hospitals....	175 000	12 200	187 200
Dentistry.....	50 000	100 000	150 000
Agriculture.....	5 000	414 256	419 256
Physical Plant.....	35 000	.....	35 000
All Other.....	86 600	268 722	355 322
<i>Total, Sales, Services, and Other Miscellaneous Current Income.....</i>	<i>(351 600)</i>	<i>(795 178)</i>	<i>(1 146 778)</i>
Endowment and Trust Income for Educational Purposes			
Endowment Income.....	.....	47 550	47 550
United States Government Contracts....	100 000	1 860 800	1 960 800
Gifts from Private Sources.....	.....	845 250	845 250
<i>Total, Endowment and Trust.....</i>	<i>(100 000)</i>	<i>(2 753 600)</i>	<i>(2 853 600)</i>
<i>Total, Educational and General.....</i>	<i>(31 115 102)</i>	<i>(6 188 026)</i>	<i>(37 303 128)</i>
<i>Auxiliary Enterprises and Activities.....</i>	<i>.....</i>	<i>4 933 542</i>	<i>4 933 542</i>
<i>Student Aid and Other Miscellaneous Income</i>			
Farm Operations and Miscellaneous Rentals.....	.....	128 870	128 870
Endowment Income.....	.....	55 250	55 250
Gifts.....	.....	90 000	90 000
Veterans' Books and Supplies.....	.....	415 000	415 000
<i>Total, Student Aid and Other Miscellaneous Income.....</i>	<i>.....</i>	<i>(689 120)</i>	<i>(689 120)</i>
<i>Grand Total, Estimated Income.....</i>	<i>\$31 115 102</i>	<i>\$11 810 688</i>	<i>\$42 925 790</i>

SUMMARY OF BUDGET APPROPRIATIONS

<i>Educational and General</i>	<i>From General Income</i>	<i>From Restricted Income</i>	<i>Total</i>
Administration and General Expense			
Urbana-Champaign.....	\$1 987 628	\$50 420	\$2 038 048
Chicago Professional Colleges.....	345 256	.....	345 256
Chicago Undergraduate Division.....	337 069	.....	337 069
Security Benefits (all divisions).....	891 798	.....	891 798
<i>Total, Administration and General Expense.....</i>	<i>(3 561 751)</i>	<i>(50 420)</i>	<i>(3 612 171)</i>
Instruction and Departmental Research			
Colleges, Schools, and Departments			
Urbana-Champaign.....	11 031 448	67 800	11 099 248
Chicago Professional Colleges.....	2 668 565	.....	2 668 565
Chicago Undergraduate Division.....	1 363 199	.....	1 363 199
<i>Total, Colleges, Schools, and Departments.....</i>	<i>(15 063 212)</i>	<i>(67 800)</i>	<i>(15 131 012)</i>
Organized Activities Relating to Instructional Departments			
Urbana-Champaign.....	.....	203 250	203 250
Chicago Professional Colleges.....	1 968 431	12 200	1 980 631
<i>Total, Organized Activities Relating to Instructional Departments.....</i>	<i>(1 968 431)</i>	<i>(215 450)</i>	<i>(2 183 881)</i>
<i>Total, Instruction and Departmental Research.....</i>	<i>(17 031 643)</i>	<i>(283 250)</i>	<i>(17 314 893)</i>
Organized Research			
Urbana-Champaign.....	2 735 585	559 376	3 294 961
Chicago Professional Colleges.....	65 750	36 000	101 750
<i>Total, Organized Research.....</i>	<i>(2 801 335)</i>	<i>(595 376)</i>	<i>(3 396 711)</i>
Extension and Public Service			
Urbana-Champaign.....	1 229 080	1 084 539	2 313 619
Chicago Professional Colleges.....	.....	100 000	100 000
Division of Services for Crippled Children.....	.....	1 285 341	1 285 341
<i>Total, Extension and Public Service..</i>	<i>(1 229 080)</i>	<i>(2 469 880)</i>	<i>(3 698 960)</i>

<i>Educational and General</i>	<i>From General Income</i>	<i>From Restricted Income</i>	<i>Total</i>
Libraries			
Urbana-Champaign.....	1 048 988	.....	1 048 988
Chicago Professional Colleges.....	68 278	.....	68 278
Chicago Undergraduate Division.....	118 079	.....	118 079
<i>Total, Libraries</i>	(1 235 345)	.....	(1 235 345)
Physical Plant			
Urbana-Champaign.....	3 003 936	.....	3 003 936
Chicago Professional Colleges.....	1 135 734	35 500	1 171 234
Chicago Undergraduate Division.....	788 110	.....	788 110
<i>Total, Physical Plant</i>	(4 927 780)	(35 500)	(4 963 280)
<i>Sub-total, Educational and General from Current Funds</i>	(30 786 934)	(3 434 426)	(34 221 360)
Endowment Income, Gift Funds, and United States Government Contracts for Educational Purposes			
Urbana-Champaign.....	.....	2 068 400	2 068 400
Chicago Professional Colleges.....	.....	685 200	685 200
<i>Total, Endowment and Gift Funds for Educational Purposes</i>.....	.....	(2 753 600)	(2 753 600)
<i>Total, Educational and General</i>	(30 786 934)	(6 188 026)	(36 974 960)
Auxiliary Enterprises			
Urbana-Champaign.....	.....	4 163 498	4 163 498
Chicago Professional Colleges.....	.....	194 383	194 383
Chicago Undergraduate Division.....	.....	575 661	575 661
<i>Total, Auxiliary Enterprises</i>.....	.....	(4 933 542)	(4 933 542)
Student Aid and Miscellaneous Operations			
Urbana-Champaign.....	132 000	654 120	786 120
Chicago Professional Colleges.....	18 000	20 000	38 000
Chicago Undergraduate Division.....	.....	15 000	15 000
<i>Total, Student Aid and Miscellaneous Operations</i>	(150 000)	(689 120)	(839 120)
Total Appropriations			
Urbana-Champaign.....	22 059 463	8 851 403	30 910 866
Chicago Professional Colleges.....	6 271 014	1 083 283	7 354 297
Division of Services for Crippled Children..	.....	1 285 341	1 285 341
Chicago Undergraduate Division.....	2 606 457	590 661	3 197 118
<i>Total</i>	\$30 936 934	\$11 810 688	\$42 747 622

COMPARATIVE SUMMARY OF BUDGET APPROPRIATIONS ENTIRE UNIVERSITY

<i>Educational and General</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration and General Expense			
Urbana-Champaign.....	\$1 460 831	\$577 217	\$2 038 048 ¹
Chicago Professional Colleges.....	293 381	51 875	345 256
Chicago Undergraduate Division.....	284 034	53 035	337 069
Security Benefits (all divisions).....	88 989	802 809	891 798
<i>Total, Administration and General Expense</i>	(2 127 235)	(1 484 936)	(3 612 171)
Instruction and Departmental Research Colleges, Schools, and Departments			
Urbana-Champaign.....	9 916 332	1 182 916	11 099 248
Chicago Professional Colleges.....	2 256 551	412 014	2 668 565
Chicago Undergraduate Division.....	1 254 599	108 600	1 363 199
<i>Total, Colleges, Schools, and Depart- ments</i>	(13 427 482)	(1 703 530)	(15 131 012)

¹ Includes University-wide administration.

COMPARATIVE SUMMARY (CONCLUDED)

<i>Educational and General</i>	<i>Salaries</i>	<i>Other</i>	
<i>Instruction and Departmental</i>	<i>and Wages</i>	<i>Expense</i>	<i>Total</i>
<i>Research (concluded)</i>			
Organized Activities Relating to Instructional Departments			
Urbana-Champaign.....	44 250	159 000	203 250
Chicago Professional Colleges.....	1 481 869	498 762	1 980 631
<i>Total, Organized Activities Relating to Instructional Departments.....</i>	<i>(1 526 119)</i>	<i>(657 762)</i>	<i>(2 183 881)</i>
<i>Total, Instruction and Departmental Research.....</i>	<i>(14 953 601)</i>	<i>(2 361 292)</i>	<i>(17 314 893)</i>
Organized Research			
Urbana-Champaign.....	2 530 508	764 453	3 294 961
Chicago Professional Colleges.....	83 500	18 250	101 750
<i>Total, Organized Research.....</i>	<i>(2 614 008)</i>	<i>(782 703)</i>	<i>(3 396 711)</i>
Extension and Public Service			
Urbana-Champaign.....	1 910 186	403 433	2 313 619
Chicago Professional Colleges.....	7 050	92 950	100 000
Division of Services for Crippled Children	386 481	898 860	1 285 341
<i>Total, Extension and Public Service..</i>	<i>(2 303 717)</i>	<i>(1 395 243)</i>	<i>(3 698 960)</i>
Libraries			
Urbana-Champaign.....	752 578	296 410	1 048 988
Chicago Professional Colleges.....	44 278	24 000	68 278
Chicago Undergraduate Division.....	72 029	46 050	118 079
<i>Total, Libraries.....</i>	<i>(868 885)</i>	<i>(366 460)</i>	<i>(1 235 345)</i>
Physical Plant			
Urbana-Champaign.....	2 103 856	900 080	3 003 936
Chicago Professional Colleges.....	807 722	363 512	1 171 234
Chicago Undergraduate Division.....	476 437	311 673	788 110
<i>Total, Physical Plant.....</i>	<i>(3 388 015)</i>	<i>(1 575 265)</i>	<i>(4 963 280)</i>
<i>Sub-total, Educational and General from Current Funds.....</i>	<i>(26 255 461)</i>	<i>(7 965 899)</i>	<i>(34 221 360)</i>
Endowment Income, Gift Funds, and United States Government Contracts for Educational Purposes			
Urbana-Champaign.....	1 421 475	646 925	2 068 400
Chicago Professional Colleges.....	467 150	218 050	685 200
<i>Total, Endowment and Gift Funds for Educational Purposes.....</i>	<i>(1 888 625)</i>	<i>(864 975)</i>	<i>(2 753 600)</i>
<i>Total, Educational and General.....</i>	<i>(28 144 086)</i>	<i>(8 830 874)</i>	<i>(36 974 960)</i>
Auxiliary Enterprises			
Urbana-Champaign.....	1 154 636	3 008 862	4 163 498
Chicago Professional Colleges.....	81 402	112 981	194 383
Chicago Undergraduate Division.....	146 851	428 810	575 661
<i>Total, Auxiliary Enterprises.....</i>	<i>(1 382 889)</i>	<i>(3 550 653)</i>	<i>(4 933 542)</i>
Student Aid and Miscellaneous Operations			
Urbana-Champaign.....	.....	786 120	786 120
Chicago Professional Colleges.....	.....	38 000	38 000
Chicago Undergraduate Division.....	.....	15 000	15 000
<i>Total, Student Aid and Miscellaneous Operations.....</i>	.....	<i>(839 120)</i>	<i>(839 120)</i>
Total Appropriations			
Urbana-Champaign.....	21 382 641	9 528 225	30 910 866
Chicago Professional Colleges.....	5 523 903	1 830 394	7 354 297
Chicago Undergraduate Division.....	2 233 950	963 168	3 197 118
Division of Services for Crippled Children..	386 481	898 860	1 285 341
<i>Total, Appropriations.....</i>	<i>\$29 526 975</i>	<i>\$13 220 647</i>	<i>\$42 747 622¹</i>

¹ Source of funds: General Income, \$30,936,934; Restricted Income, \$11,810,688; total, \$42,747,622.

URBANA-CHAMPAIGN DIVISIONS

SUMMARY OF BUDGET APPROPRIATIONS

	<i>From General Income</i>	<i>From Restricted Income</i>	<i>Total</i>
<i>Educational and General</i>			
Administration and General			
General Administrative Offices.....	\$900 323	.....	\$900 323 ¹
General Student Service.....	545 718	.....	545 718
General University Service.....	541 587	\$50 420	592 007
Security Benefits (all divisions).....	890 798	.....	890 798
<i>Total, Administration and General....</i>	<i>(2 878 426)</i>	<i>(50 420)</i>	<i>(2 928 846)</i>
Instruction and Departmental Research			
Colleges, Schools, and Departments			
Liberal Arts and Sciences.....	3 656 054	1 600	3 657 654
Agriculture.....	870 905	46 500	917 405
Engineering.....	2 032 185	.....	2 032 185
Graduate College.....	113 270	.....	113 270
Commerce and Business Administration	736 676	500	737 176
Education.....	724 272	.....	724 272
Fine and Applied Arts.....	859 716	3 000	862 716
Physical Education.....	318 126	.....	318 126
Veterinary Medicine.....	239 979	15 000	254 979
Law.....	189 645	.....	189 645
Division of Communications.....	238 226	.....	238 226
University Extension.....	23 941	.....	23 941
Summer Session.....	573 566	.....	573 566
Armed Forces.....	37 406	1 200	38 606
Institute of Aviation.....	228 925	.....	228 925
Social Welfare Administration.....	81 252	.....	81 252
Division of Special Services for War Veterans.....	107 304	.....	107 304
<i>Total, Colleges, Schools, and Depart- ments.....</i>	<i>(11 031 448)</i>	<i>(67 800)</i>	<i>(11 099 248)</i>
Organized Activities Relating to Instruc- tional Departments			
Agriculture.....	.....	113 250	113 250
Airport.....	.....	90 000	90 000
<i>Total, Organized Activities.....</i>	.....	<i>(203 250)</i>	<i>(203 250)</i>
<i>Total, Instruction and Departmental Research.....</i>	<i>(11 031 448)</i>	<i>(271 050)</i>	<i>(11 302 498)</i>
Organized Research			
Agriculture.....	1 408 534	559 376	1 967 910
Engineering.....	479 273	.....	479 273
Graduate College.....	303 031	.....	303 031
Bureau of Economic and Business Re- search.....	86 301	.....	86 301
Education—Bureau of Research and Service.....	187 847	.....	187 847
Institute of Communications Research...	22 625	.....	22 625
Institute of Government and Public Affairs.....	54 200	.....	54 200
Institute of Labor and Industrial Relations	193 774	.....	193 774
<i>Total, Organized Research.....</i>	<i>(2 735 585)</i>	<i>(559 376)</i>	<i>(3 294 961)</i>
Extension and Public Service			
Agriculture.....	631 992	977 537	1 609 529
Business Management Service.....	63 970	.....	63 970
Education—Evaluation Unit Revolving..	.....	13 668	13 668
Bureau of Community Planning.....	23 990	.....	23 990
University Extension.....	303 423	50 186	353 609
Division of Communications.....	144 848	18 648	163 496
Small Homes Council.....	60 857	24 500	85 357
<i>Total, Extension and Public Service... (1 229 080)</i>	<i>(1 084 539)</i>	<i>(2 313 619)</i>	

¹ Includes University-wide administration.

SUMMARY OF BUDGET APPROPRIATIONS (CONCLUDED)

	From General Income	From Restricted Income	Total
<i>Educational and General</i>			
Libraries.....	1 048 988	.....	1 048 988
Physical Plant.....	3 003 936	.....	3 003 936
Endowment Income, Gift Funds, and United States Government Contracts for Educational Purposes.....	.....	2 068 400	2 068 400
<i>Total, Educational and General.....</i>	<i>(21 927 463)</i>	<i>(4 033 785)</i>	<i>(25 961 248)</i>
<i>Auxiliary Enterprises.....</i>	<i>.....</i>	<i>4 163 498</i>	<i>4 163 498</i>
<i>Student Aid and Miscellaneous Operations</i>			
Scholarships, Fellowships, and Prizes.....	132 000	125 000	257 000
Farm Operations.....	.....	118 000	118 000
Miscellaneous Rentals.....	.....	10 870	10 870
Veterans' Books and Supplies.....	.....	400 000	400 000
Endowment Income—Annuities.....	.....	250	250
<i>Total, Student Aid and Miscellaneous Operations.....</i>	<i>(132 000)</i>	<i>(654 120)</i>	<i>(786 120)</i>
<i>Total, Appropriations.....</i>	<i>\$22 059 463</i>	<i>\$8 851 403</i>	<i>\$30 910 866</i>

COMPARATIVE SUMMARY OF BUDGET APPROPRIATIONS

	Salaries and Wages	Other Expense	Total
<i>Educational and General</i>			
Administration and General			
General Administrative Offices.....	\$717 673	\$182 650	\$900 323 ¹
General Student Service.....	465 808	79 910	545 718
General University Service.....	277 350	314 657	592 007 ¹
Security Benefits.....	87 989	802 809	890 798 ¹
<i>Total, Administration and General....</i>	<i>(1 548 820)</i>	<i>(1 380 026)</i>	<i>(2 928 846)</i>
Instruction and Departmental Research			
Colleges, Schools, and Departments			
Liberal Arts and Sciences.....	3 272 449	385 205	3 657 654
Agriculture.....	748 630	168 775	917 405
Engineering.....	1 852 685	179 500	2 032 185
Graduate College.....	51 270	62 000	113 270
Commerce and Business Administration	708 676	28 500	737 176
Education.....	662 601	61 671	724 272
Fine and Applied Arts.....	751 146	111 570	862 716
Physical Education.....	283 246	34 880	318 126
Veterinary Medicine.....	208 729	46 250	254 979
Law.....	171 645	18 000	189 645
Division of Communications.....	212 766	25 460	238 226
University Extension.....	18 341	5 600	23 941
Summer Session.....	565 066	8 500	573 566
Armed Forces.....	30 026	8 580	38 606
Institute of Aviation.....	208 175	20 750	228 925
Social Welfare Administration.....	74 352	6 900	81 252
Division of Special Services for War Veterans.....	96 529	10 775	107 304
<i>Total, Colleges, Schools, and Depart- ments.....</i>	<i>(9 916 332)</i>	<i>(1 182 916)</i>	<i>(11 099 248)</i>
Organized Activities Relating to Instruc- tional Departments			
Agriculture.....	29 250	84 000	113 250
Airport.....	15 000	75 000	90 000
<i>Total, Organized Activities.....</i>	<i>(44 250)</i>	<i>(159 000)</i>	<i>(203 250)</i>
<i>Total, Instruction and Departmental Research.....</i>	<i>(9 960 582)</i>	<i>(1 341 916)</i>	<i>(11 302 498)</i>

¹ Includes University-wide administration and services.

<i>Educational and General</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Organized Research			
Agriculture.....	1 462 087	505 823	1 967 910
Engineering.....	386 613	92 660	479 273
Graduate College.....	219 981	83 050	303 031
Bureau of Economic and Business Re- search.....	67 551	18 750	86 301
Education—Bureau of Research and Service.....	157 677	30 170	187 847
Institute of Communications Research...	19 625	3 000	22 625
Institute of Government and Public Affairs.....	47 200	7 000	54 200
Institute of Labor and Industrial Relations	169 774	24 000	193 774
<i>Total, Organized Research</i>	(2 530 508)	(764 453)	(3 294 961)
Extension and Public Service			
Agriculture.....	1 401 134	208 395	1 609 529
Business Management Service.....	51 970	12 000	63 970
Education—Evaluation Unit Revolving..	7 168	6 500	13 668
Bureau of Community Planning.....	19 490	4 500	23 990
University Extension.....	252 089	101 520	353 609
Division of Communications.....	117 820	45 676	163 496
Small Homes Council.....	60 515	24 842	85 357
<i>Total, Extension and Public Service</i> ...	(1 910 186)	(403 433)	(2 313 619)
Libraries.....	752 578	296 410	1 048 988
Physical Plant.....	2 103 856	900 080	3 003 936
Endowment Income, Gift Funds, and United States Government Contracts for Educational Purposes.....	1 421 475	646 925	2 068 400
<i>Total, Educational and General</i>	(20 228 005)	(5 733 243)	(25 961 248)
<i>Auxiliary Enterprises</i>	1 154 636	3 008 862	4 163 498
<i>Student Aid and Miscellaneous Operations</i>			
Scholarships, Fellowships, and Prizes.....	.....	257 000	257 000
Farm Operations.....	.....	118 000	118 000
Miscellaneous Rentals.....	.....	10 870	10 870
Veterans' Books and Supplies.....	.....	400 000	400 000
Endowment Income—Annuities.....	.....	250	250
<i>Total, Student Aid and Miscellaneous Operations</i>.....	.....	(786 120)	(786 120)
<i>Total, Appropriations</i>	\$21 382 641	\$9 528 225	\$30 910 866 ¹

¹ Source of funds: General Income, \$22,059,463; Restricted Income, \$8,851,403; total, \$30,910,866.

SUMMARY OF EXPENDABLE ENDOWMENT INCOME, GIFTS, UNITED STATES GOVERNMENT CONTRACTS, AND OTHER TRUST FUNDS

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Educational and General</i>			
Administration.....	96 125	29 275	125 400
<i>Total, Administration.....</i>	<i>(96 125)</i>	<i>(29 275)</i>	<i>(125 400)</i>
<i>Instruction and Departmental Research</i>			
Liberal Arts and Sciences.....	10 000	2 400	12 400
Agriculture.....	.....	150	150
Commerce and Business Administration....	3 000	.....	3 000
Education.....	3 500	1 500	5 000
Fine and Applied Arts.....	2 250	250	2 500
Physical Education.....	750	250	1 000
<i>Total, Instruction and Departmental Research.....</i>	<i>(19 500)</i>	<i>(4 550)</i>	<i>(24 050)</i>
<i>Organized Research</i>			
Liberal Arts and Sciences.....	200 000	75 000	275 000
Agricultural Experiment Station.....	105 000	27 000	132 000
Engineering Experiment Station.....	850 000	450 000	1 300 000
Graduate College.....	75 000	25 000	100 000
Commerce and Business Administration....	20 000	10 000	30 000
Education.....	200	50	250
Fine and Applied Arts.....	12 500	2 500	15 000
Physical Education.....	1 650	550	2 200
Veterinary Medicine.....	10 000	5 000	15 000
Small Homes Council.....	2 500	1 500	4 000
<i>Total, Organized Research.....</i>	<i>(1 276 850)</i>	<i>(596 600)</i>	<i>(1 873 450)</i>
<i>Extension and Public Service</i>			
University Extension.....	9 500	2 500	12 000
Robert Allerton Park.....	19 500	13 000	32 500
<i>Total, Extension and Public Service....</i>	<i>(29 000)</i>	<i>(15 500)</i>	<i>(44 500)</i>
Libraries.....	.....	500	500
Physical Plant Operation and Maintenance....	.....	500	500
<i>Total, Educational and General.....</i>	<i>(1 421 475)</i>	<i>(646 925)</i>	<i>(2 068 400)</i>
<i>Student Aid and Miscellaneous Operations</i>			
Scholarships, Fellowships, and Prizes.....	.....	125 000	125 000
Farm Operations.....	.....	118 000	118 000
Miscellaneous Rentals.....	.....	10 870	10 870
Veterans' Books and Supplies.....	.....	400 000	400 000
Annuities.....	.....	250	250
<i>Total, Student Aid and Miscellaneous Operations.....</i>	<i>.....</i>	<i>(654 120)</i>	<i>(654 120)</i>
<i>Grand Total.....</i>	<i>\$1 421 475</i>	<i>\$1 301 045</i>	<i>\$2 722 520</i>

GENERAL ADMINISTRATIVE OFFICES, DEPARTMENTS, AND EXPENSE

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>General Administrative Offices</i>			
Board of Trustees.....	\$15 917	\$26 500	\$42 417
President's Office.....	54 960	7 550	62 510
Provost's Office, General.....	44 501	13 700	58 201
Business Office.....	333 402	60 850	394 252
Admissions and Records.....	174 619	52 100	226 719
Nonacademic Personnel.....	69 614	15 050	84 664
Legal Counsel.....	24 660	6 900	31 560
<i>Total, General Administrative Offices....</i>	<i>(717 673)</i>	<i>(182 650)</i>	<i>(900 323)</i>

<i>General Student Service</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Dean of Students			
Dean of Students, General.....	22 600	2 665	25 265
Dean of Men.....	51 774	6 250	58 024
Dean of Women.....	73 487	6 600	80 087
Health Service.....	142 475	11 008	153 483
McKinley Hospital.....		28 000	28 000
Housing Division.....	26 336	2 873	29 209
Residence Halls Counseling.....	9 910		9 910
Placement Bureau.....	13 872	4 514	18 386
Security Office.....	21 742	4 900	26 642
Freshman Week.....	250	4 250	4 500
High School Guidance Conference.....		1 250	1 250
<i>Total, Dean of Students.....</i>	<i>(352 446)</i>	<i>(72 310)</i>	<i>(434 756)</i>
Provost's Office			
Student Counseling Bureau.....	103 362	7 600	110 962
<i>Total, General Student Service.....</i>	<i>(465 808)</i>	<i>(79 910)</i>	<i>(545 718)</i>
<i>General University Service¹</i>			
Provost's Office			
Bureau of Institutional Research.....	34 294	2 900	37 194
Courses and Curricula.....	16 890	100	16 990
Statistical Service Unit.....	64 384	44 713	109 097
<i>Total, Provost's Office.....</i>	<i>(115 568)</i>	<i>(47 713)</i>	<i>(163 281)</i>
Committee on Student English.....	6 256	400	6 656
Illini Center.....	8 270	7 850	16 120
Building Program Committee.....	1 365	400	1 765
Citizens Committee.....		3 500	3 500
Commencement.....		23 400	23 400
Honors Day.....	600	2 150	2 750
Incidental and Emergency.....		7 500	7 500
Membership in Organizations.....		5 734	5 734
Public Functions.....	1 500	20 000	21 500
Nonrecurring Remodeling and Equipment			
Unassigned.....		50 000	50 000
<i>Total, General University Service.....</i>	<i>(133 559)</i>	<i>(168 647)</i>	<i>(302 206)</i>
<i>Security Benefits (entire University)</i>			
Retiring Allowances.....	85 489		85 489
University Retirement System.....		789 809	789 809
Death and Disability Benefits.....	2 500	4 000	6 500
Injuries to Employees.....		9 000	9 000
<i>Total, Security Benefits.....</i>	<i>(87 989)</i>	<i>(802 809)</i>	<i>(890 798)</i>
<i>Self-Supporting Accounts</i>			
General University Service			
Entrance Examinations.....	5 900	2 700	8 600
Accountancy Committee.....	15 000	6 820	21 820
<i>Total, Self-Supporting Accounts.....</i>	<i>(20 900)</i>	<i>(9 520)</i>	<i>(30 420)</i>
<i>Auxiliary Enterprises</i>			
Staff Insurance.....	10 000	76 000	86 000
Hospital and Medical Services.....	8 500	391 500	400 000
McKinley Hospital Operation.....	84 369	22 314	106 683
<i>Total, Auxiliary Enterprises.....</i>	<i>(102 869)</i>	<i>(489 814)</i>	<i>(592 683)</i>
<i>Grand Total, General Administrative Offices, Departments, and Expense.....</i>	<i>\$1 528 798</i>	<i>\$1 733 350</i>	<i>\$3 262 148</i>

¹ See also Division of Communications.

Summary (Concluded)

United States Government Contracts and Indirect Costs Recovered	Salaries and Wages	Other Expense	Total
President's Office			
Indirect Costs—General.....	\$ 4 000	.....	\$ 4 000
Business Office			
Veterans Equipment Procurement.....	10 575	\$ 3 525	14 100
Indirect Costs—General.....	25 000	10 000	35 000
Office of Admissions and Records			
Veterans Equipment Procurement.....	20 000	10 000	30 000
Dean of Men			
Veterans Equipment Procurement.....	35 700	5 400	41 100
Veterans Administration—			
Corrective Therapy.....	100	100	200
Veterans Rehabilitation			
Readers Service.....	600	200	800
Bureau of Institution Research			
Veterans Equipment Procurement.....	150	50	200
Total, Trust Funds.....	\$96 125	\$29 275	\$125 400

ADMINISTRATION AND GENERAL

Board of Trustees			
<i>Salaries and Wages</i>			
1. H. E. Cunningham, Secretary.....	GY49	\$ 2 437	
(On leave with pay from July 1, 1950, to March 31, 1951, at \$270.75 a month)			
2. A. J. Janata, Secretary.....	GY33	4 000 ¹	
(See President's Office).....			
(Total Salary).....			
(July 1, 1950, to August 31, 1951, at \$12,000 a year)			
3. Nonacademic Salaries.....	H	9 480	
Total, Salaries.....			
(15 917)			
<i>Expense and Equipment</i>			
Expense.....		26 000	
Equipment.....		500	
Total, Expense and Equipment.....			
(26 500)			
Total, Board of Trustees.....			
\$ 42 417			
President's Office			
<i>Salaries and Wages</i>			
1. George D. Stoddard, President.....	AY	\$ 22 000 ²	
2. A. C. Willard, President, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)			
3. A. J. Janata, Assistant to the President.....	GY67	8 000	
(See Board of Trustees).....			
(Total Salary).....			
(July 1, 1950, to August 31, 1951, at \$12,000 a year)			
4. Nonacademic Salaries.....	H	23 160	
Total, Salaries.....			
(53 160)			
Wages.....		1 800	
Wages, U. S. Contracts, Indirect Cost.....		(4 000)	
Total, Salaries and Wages.....			
(54 960)			
<i>Expense and Equipment</i>			
Expense.....		6 500	
Equipment.....		1 050	
Total, Expense and Equipment.....			
(7 550)			
Total, President's Office.....			
\$ 62 510			

¹ Includes service to the Retirement System.² Also furnished house and automobile for the convenience of the University.

Provost's Office**Summary**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
General Administration			
Provost's Office, General	\$44 501	\$13 700	\$58 201
<i>Total, General Administration</i>	(44 501)	(13 700)	(58 201)
General Student Service			
Student Counseling Bureau	103 362	7 600	110 962
<i>Total, General Student Service</i>	(103 362)	(7 600)	(110 962)
General University Service			
Bureau of Institutional Research	34 294	2 900	37 194
Courses and Curricula	16 890	100	16 990
Statistical Service Unit	64 384	44 713	109 097
<i>Total, General University Service</i>	(115 568)	(47 713)	(163 281)
<i>Total, Provost's Office</i>	\$263 431	\$69 013	\$332 444

General*Salaries and Wages*

1. C. R. Griffith, Provost	DY}	\$ 16 000
Professor of Education	AY}	
2. C. M. Louttit, Assistant to the Provost	DY}	10 000
Professor of Psychology	AY}	
3. R. L. Peterson, Administrative Assistant	DY	6 500
4. Nonacademic Salaries	H	11 001
<i>Total, Salaries</i>		(43 501)

Wages		1 000
<i>Total, Salaries and Wages</i>		(44 501)

Expense and Equipment

Expense		3 400
General University Lectures		10 000
Equipment		300
<i>Total, Expense and Equipment</i>		(13 700)
<i>Total, Provost's Office, General</i>		\$ 58 201

Courses and Curricula*Salaries and Wages*

1. Mrs. Jessie Howard, Research Specialist, with rank of Assistant Professor	DY	\$ 5 500
2. ———, Research Assistant	DY	
3. 2.00 Part-time Research Assistants	DY	5 860
4. Nonacademic Salaries	H	2 400
<i>Total, Salaries</i>		(16 690)

Wages		200
<i>Total, Salaries and Wages</i>		(16 890)

Expense and Equipment

Expense		100
<i>Total, Courses and Curricula</i>		\$ 16 990

Bureau of Institutional Research*Salaries and Wages*

1. E. F. Potthoff, Director	DY ⁷⁵	\$ 6 544
(See Education)	AY ²⁵	
(Total Salary)		(8 725)
2. G. J. Froehlich, Assistant Director, with rank of Assistant Professor	DY	6 000
3. Mrs. Elizabeth Dressel, Research Assistant	DY	2 930
4. Nonacademic Salaries	H	16 320
<i>Total, Salaries</i>		(31 794)

Wages		2 500
<i>Total, Salaries and Wages</i>		(34 294)

Expense and Equipment

Expense	2 700
Equipment	200
<i>Total, Expense and Equipment</i>	(2 900)
<i>Total, Bureau of Institutional Research</i>	\$ 37 194

Student Counseling Bureau*Salaries and Wages*

1. W. M. Gilbert, Director.....	DY}	\$ 8 000
Associate Professor of Psychology.....	AY}	
2. L. A. Hellmer, Assistant Director.....	DY}	7 000
Associate Professor of Psychology.....	AY}	
3. T. N. Ewing, Clinical Counselor and Assistant Professor of Psychology.....	BY'	5 700
3a. R. P. Larsen, Clinical Counselor and Assistant Professor of Psychology.....		.....
(On leave without pay)		
4. Mrs. Alice K. Jonietz, Clinical Counselor and Assistant Professor of Psychology.....	BY'	5 300
5. J. F. Kamman, Psychometrist and Clinical Counselor.....	DY	4 850
6. B. B. Jackson, Clinical Counselor.....	DY	4 600
7. Ruth Thomas, Clinical Counselor.....	DY	4 300
8. Barbara A. Burt, Clinical Counselor.....	DY	4 100
9. Mrs. Nancy S. McGarry, Clinical Counselor.....	DY	3 700
10. Mrs. Priscilla Powell, Assistant Psychometrist.....	DY	2 930
11. Betty J. Flabb, Personnel Technician.....	DY	2 930
12. _____, Personnel Technician.....	DY	2 930
13. 1.00 Part-time Personnel Technicians.....	DY	2 930
14. Janet L. Weston, Counselor.....	D50	2 400
(See Commerce, Administration).....	B50	(2 400)
(Total Salary)		(4 800)
15. Frank Costin, Counselor.....	D50	2 400
(See Division of General Studies).....	B'50	(2 400)
(Total Salary)		(4 800)
16. D. M. Hall, Counselor.....	DY25	1 375
(See State Agricultural Extension).....	BY75	(4 125)
(Total Salary)		(5 500)
17. W. E. Morrell, Counselor.....	D25	1 375
(See Division of General Studies).....	A75	(4 125)
(Total Salary)		(5 500)
18. P. S. Pettinga, Counselor.....	D25	1 350
(See Music)	A75	(4 050)
(Total Salary)		(5 400)
19. C. W. Wilkinson, Counselor.....	D25	1 125
(See English)	B75	(3 375)
(Total Salary)		(4 500)
20. R. G. Brooks, Counselor.....	E33	1 017
(See English)	E67	(2 033)
(Total Salary)		(3 050)
21. D. E. Latham, Counselor.....	D25	1 000
(See Physical Education for Men).....	D75	(3 000)
(Total Salary)		(4 000)
22. I. W. Cole, Counselor.....	DY25	980
(See Journalism and Communications).....	DY75	(2 940)
(Total Salary)		(3 920)
23. Mrs. Albertine W. Osgood, Counselor.....	D25	975
(See Spanish and Italian).....	D75	(2 925)
(Total Salary)		(3 900)
24. Dorothy F. Durrell, Counselor.....	D25	850
(See Home Economics).....	D75	(2 550)
(Total Salary)		(3 400)
25. 1.00 Unassigned Counselors.....	D	4 200
26. Nonacademic Salaries	H	19 536
<i>Total, Salaries</i>		(97 862)

Wages, including 1.00 Part-time Externs.....	5 500
<i>Total, Salaries and Wages.....</i>	<i>(103 362)</i>
<i>Expense and Equipment</i>	
Expense	6 500
Equipment	1 100
<i>Total, Expense and Equipment.....</i>	<i>(7 600)</i>
<i>Total, Student Counseling Bureau.....</i>	<i>\$110 962</i>

Statistical Service Unit*Salaries and Wages*

1. G. R. Beam, Director.....	DY	\$ 7 750
2. Nonacademic Salaries	H	50 544
<i>Total, Salaries</i>		<i>(58 294)</i>
Wages		6 090
<i>Total, Salaries and Wages.....</i>		<i>(64 384)</i>
<i>Expense and Equipment</i>		
Machine Rentals		42 921
Expense		1 792
<i>Total, Expense and Equipment.....</i>		<i>(44 713)</i>
<i>Total, Statistical Service Unit.....</i>		<i>\$109 097</i>

Business Office*Salaries and Wages*

COMPTROLLER'S OFFICE

1. Lloyd Morey, Comptroller.....	DY	\$ 14 800 ¹
Professor of Accountancy.....	AY	
2. H. O. Farber, Assistant Comptroller.....	DY	7 500
3. Nonacademic Salaries	H	20 340
<i>Sub-total, Comptroller's Office.....</i>		<i>(42 640)</i>

AUDITING DIVISION

4. S. C. Smith, Auditor.....	DY	7 250
5. Nonacademic Salaries	H	45 330
<i>Sub-total, Auditing Division.....</i>		<i>(52 580)</i>

ACCOUNTING DIVISION

6. C. H. Pratt, Chief Accountant.....	DY	8 200
7. Nonacademic Salaries	H	68 106
<i>Sub-total, Accounting Division.....</i>		<i>(76 306)</i>

BURSAR'S DIVISION

8. C. C. DeLong, Bursar.....	}DY	7 700
Assistant Professor of Accountancy.....		
9. Nonacademic Salaries	H	57 780
<i>Sub-total, Bursar's Division.....</i>		<i>(65 480)</i>

PURCHASING DIVISION

10. H. M. Edwards, Director of Purchases.....	}DY	9 300
Assistant Professor of Management.....		
11. Nonacademic Salaries	H	72 996
<i>Sub-total, Purchasing Division.....</i>		<i>(82 296)</i>
<i>Total, Salaries</i>		<i>(319 302)</i>

Wages		14 100
<i>Total, Salaries and Wages.....</i>		<i>(333 402)</i>

Expense and Equipment

Expense		57 550
Equipment		3 300
<i>Total, Expense and Equipment.....</i>		<i>(60 850)</i>
<i>Total, Business Office.....</i>		<i>\$394 252</i>

Staff Insurance (Entire budget from receipts)*Salaries and Wages*

1. Nonacademic Salaries	H	\$ 9 441
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¹ Includes service to the Retirement System.

Wages	559
<i>Total, Salaries and Wages</i>	(10 000)
<i>Expense and Equipment</i>	
Administrative Expense	1 000
Premiums	75 000
<i>Total, Expense and Equipment</i>	(76 000)
<i>Total, Staff Insurance</i>	\$ 86 000

Salaries and Wages **Office of Admissions and Records**

1. G. P. Tuttle, Director of Admissions and Records.....	DY	\$ 9 500
2. D. A. Grossman, Examiner.....	DY	8 400
3. E. C. Seyler, Recorder.....	DY	8 000
4. Nonacademic Salaries	H	115 392
<i>Total, Salaries</i>		(141 292) ¹
Wages		23 826
<i>Total, Salaries and Wages</i>		(165 118)
<i>Expense and Equipment</i>		
Expense		46 000
Equipment		4 000
<i>Total, Expense and Equipment</i>		(50 000)
<i>Total, Office of Admissions and Records</i>		\$215 118

Committee on Admissions from Secondary Schools

Salaries and Wages

1. L. B. Fisher, Executive Secretary.....	AY67	\$ 4 600
(See Education)	AY33	(2 400)
(Total Salary)		(7 000)
2. Jean Reedy, Research Assistant.....	DY	3 000
3. Nonacademic Salaries	H	1 401
<i>Total, Salaries</i>		(9 001)
Wages		500
<i>Total, Salaries and Wages</i>		(9 501)

Expense and Equipment

Expense		2 100
<i>Total, Committee on Admissions from Secondary Schools</i>		\$ 11 601

Committee on Accountancy (Entire budget from receipts)

Salaries and Wages

Wages	\$ 15 000 ²
<i>Expense and Equipment</i>	
Expense	6 820
<i>Total, Committee on Accountancy</i>	\$ 21 820

Entrance Examinations (Entire budget from receipts)

Salaries and Wages

Wages	\$ 5 900 ²
<i>Expense and Equipment</i>	
Expense	2 700
<i>Total, Entrance Examinations</i>	\$ 8 600

Salaries and Wages **Nonacademic Personnel**

1. D. E. Dickason, Director.....	DY	\$ 10 000
2. C. R. Lohmeyer, Associate Director.....	DY	6 600

¹ Distribution of Admissions and Records salaries to (1) Accountancy Committee: D. A. Grossman, \$1800; nonacademic salaries, \$5241; total, \$7041; and (2) Entrance Examinations: D. A. Grossman, \$400; nonacademic salaries, \$8050; total, \$8450.

² Salaries are paid by Office of Admissions and Records and funds transferred annually to cover (see footnote to that budget).

3. Nonacademic Salaries	H	49 994
<i>Total, Salaries</i>		(66 594)
Wages		3 020
<i>Total, Salaries and Wages</i>		(69 614)
<i>Expense and Equipment</i>		
General Departmental Expense		11 250
Illini Worker Publication		3 000
Equipment		800
<i>Total, Expense and Equipment</i>		(15 050)
<i>Total, Nonacademic Personnel</i>		\$ 84 664

Legal Counsel

<i>Salaries and Wages</i>		
1. _____, Legal Counsel	DY	\$ 11 500
2. Nonacademic Salaries	H	12 660
<i>Total, Salaries</i>		(24 160)
Wages		500
<i>Total, Salaries and Wages</i>		(24 660)
<i>Expense and Equipment</i>		
Expense		6 900
<i>Total, Legal Counsel</i>		\$ 31 560

Dean of Students

Dean of Students Office

<i>Salaries and Wages</i>		
1. F. H. Turner, Dean of Students	BY	\$ 10 000
2. H. S. Dawson, Associate Dean of Students and Director of University Placement Bureau .....		.....
(Salary under University Placement Bureau)		
3. Arthur Hamilton, Assistant Dean for Foreign Students ..	DY50	4 620
(See Spanish and Italian)	A50	(3 780)
(Total Salary)		(8 400)
4. Nonacademic Salaries	H	5 780
<i>Total, Salaries</i>		(20 400)
Wages		2 200
<i>Total, Salaries and Wages</i>		(22 600)
<i>Expense and Equipment</i>		
Expense		2 265
Equipment		400
<i>Total, Expense and Equipment</i>		(2 665)
<i>Total, Dean of Students Office</i>		\$ 25 265

Dean of Men

Salaries and Wages

1. E. E. Stafford, Dean of Men	BY	\$ 7 500
2. G. W. Peck, Assistant Dean of Men	DY75	4 940
(See University Placement Bureau)	DY25	(1 415)
(Total Salary)		(6 355)
3. V. J. Hampton, Assistant Dean of Men	DY	4 700
4. C. M. Grip, Assistant Dean of Men	DY	4 000
5. R. E. Hulet, Assistant Dean of Men	DY	3 700
6. Nonacademic Salaries	H	10 854
<i>Total, Salaries</i>		(35 694)
Wages, General		8 000
Wages, Student Employment		8 080
Wages, Veterans Equipment Procurement		(5 200)
<i>Total, Wages</i>		(16 080)
<i>Total, Salaries and Wages</i>		(51 774)
<i>Expense and Equipment</i>		
Expense, General		5 250
Expense, Veterans Equipment Procurement		(4 600)

Equipment, General	1 000
Equipment, Veterans Equipment Procurement.....	(800)
<i>Total, Expense and Equipment.....</i>	<u>(6 250)</u>
<i>Total, Dean of Men.....</i>	\$ 58 024

Hospital and Medical Services (Entire budget from student service charges and reimbursement of claims by insurance company)

<i>Salaries and Wages</i>	
1. Nonacademic Salaries	H \$ 4 785
Wages	3 715
<i>Total, Salaries and Wages.....</i>	(8 500)
<i>Expense and Equipment</i>	
Administrative Expense	6 500
Premiums	200 000
Payments to Hospital and Physicians.....	185 000
<i>Total, Expense and Equipment.....</i>	<u>(391 500)</u>
<i>Total, Hospital and Medical Services.....</i>	\$400 000

Dean of Women

<i>Salaries and Wages</i>	
1. Miriam A. Shelden, Dean of Women.....	BY \$ 7 500
2. Maria Leonard, Dean of Women, <i>Emerita</i>.....	.....
(Retiring allowance payable by Retirement System)	
3. Agnes G. Tandberg, Associate Dean of Women.....	DY 5 250
4. Helen R. Andrews, Assistant Dean of Women.....	DY 4 400
5. M. Jane Klein, Assistant Dean of Women.....	DY 4 400
6. Mrs. Florence B. Inghram, Assistant Dean of Women....	DY 4 600

RESIDENCE HALLS

7. Eunice Dowse, Head Resident, Lincoln Avenue Residence (North Half)	G 3 235 ^{1, 2}
(Ten months from September 1, 1950)	
8. Ruth H. Weimer, Head Resident, Lincoln Avenue Residence (South Half).....	G 2 700 ^{1, 2}
(Ten months from September 1, 1950)	
9. Mrs. Alice W. Cotter, Head Resident, Evans Hall.....	G 2 500 ^{1, 2}
(Ten months from September 1, 1950)	
10. Dorothy A. Brumbaugh, Head Resident, Busey Hall.....	G 2 100 ^{1, 2}
(Ten months from September 1, 1950)	
11. Mrs. Katherine B. Jensen, Assistant Head Resident, Lincoln Avenue Residence (South Half).....	G 2 500 ²
(Ten months from September 1, 1950)	
12. _____, Assistant Head Resident, Lincoln Avenue Residence (North Half).....	G 2 500 ²
(Ten months from September 1, 1950)	
13. Mrs. Grace David, Reserve House Director.....	G72 900 ¹
(See Parade Ground Dormitories).....	G28 (350)
(Total Salary)	(1 250)
(Ten months from September 1, 1950)	
14. Summer Session Head Resident, Busey Hall.....	G 380 ^{1, 2}
(Two months)	
15. 4.00 Part-time Assistants (Counselors).....	G 13 250
(Ten months from September 1, 1950)	

COOPERATIVE HOUSES

16. Mrs. Marie S. Barbre, House Director, Alpha House....	G23 400 ^{1, 2}
(See Cooperative House Operations).....	G72 (720)
(Total Salary)	(1 120)
(Ten months from September 1, 1950)	

¹ Also furnished room, valued at \$10 a month, for the convenience of the University.

² Also furnished three meals a day while dining halls are in operation, valued at \$21 a month, for the convenience of the University.

17. ———, House Director, Gamma House.....	G23	400 ^{1,2}
(See Cooperative House Operations).....	G72	(720)
(Total Salary)		(1 120)
(Ten months from September 1, 1950)		
18. Mrs. Arahbell Conlee, House Director, Beta House.....	G23	400 ^{1,2}
(See Cooperative House Operations).....	G72	(720)
(Total Salary)		(1 120)
(Ten months from September 1, 1950)		
19. Nonacademic Salaries	H	10 776
<i>Total, Salaries</i>		(68 191)
Wages, General		3 000
Wages, Residence Halls.....		796
Wages, Reserve House Directors.....		1 500
<i>Total, Wages</i>		(5 296)
<i>Total, Salaries and Wages</i>		(73 487)
<i>Expense and Equipment</i>		
Expense, General ³		5 000
Expense, Residence Halls.....		600
Equipment, General		800
Equipment, Residence Halls.....		200
<i>Total, Expense and Equipment</i>		(6 600)
<i>Total, Dean of Women</i>		\$ 80 087

Health Service

Salaries and Wages

1. H. L. Lawder, Acting University Health Officer.....	}DY	\$ 8 400 ⁴
Assistant Professor of Hygiene.....		
2. Marjorie M. Smarzo, Medical Adviser for Women, in charge of Women's Division of Health Service....	BY}	6 660
Associate Professor of Hygiene.....	AY}	
3. ———, Medical Adviser for Men and Assistant Professor of Hygiene.....	DY	7 200
4. ———, Medical Adviser for Men and Assistant Professor of Hygiene.....	DY	7 000
5. ———, Medical Adviser for Men and Assistant Professor of Hygiene.....	DY	6 500
6. L. D. Lewis, Medical Adviser for Men and Assistant Professor of Hygiene.....	DY	6 460
7. H. I. Teigler, Medical Adviser for Men and Assistant Professor of Hygiene.....	DY	6 355
8. G. F. Kolar, Dental Consultant and Oral Hygienist, and Assistant Professor of Hygiene.....	DY	6 150
9. H. C. Gebhart, Medical Adviser for Men and Assistant Professor of Hygiene.....	DY	6 050
10. R. B. Montgomery, Medical Adviser for Men and Assistant Professor of Hygiene.....	DY	6 050
11. Marie A. Hinrichs, Medical Adviser for Women and Assistant Professor of Hygiene.....	DY	6 000
12. ———, Medical Adviser for Men and Assistant Professor of Hygiene.....	DY	6 000
13. May I. Millbrook, Medical Adviser for Women and As- sistant Professor of Hygiene.....	DY	5 850
14. ———, Medical Adviser for Women and As- sistant Professor of Hygiene.....	DY	5 500
15. Mrs. Martha S. Lewandoski, Medical Adviser for Women and Assistant Professor of Hygiene.....	DY	5 150

¹ Also furnished room, valued at \$10 a month, for the convenience of the University.

² Also furnished three meals a day while dining halls are in operation, valued at \$21 a month, for the convenience of the University.

³ In addition to \$500 from Lincoln Avenue Residence Operations and \$300 from Bussey-Evans Operations.

⁴ Includes service to the Retirement System.

16. G. R. Blackstone, Associate in Hygiene, <i>Emeritus</i> .....	.....
(Retiring allowance payable by Retirement System)		
17. ———, Clinical Psychotherapist and Instructor	DY	4 200
in Mental Hygiene.....		
18. Emily S. Simmons, Family Case Worker.....		.....
(Salary under Graduate College)		
19. Nonacademic Salaries	H	24 450
Total, Salaries		(123 975)
Wages, General		15 000
Wages, Chest X-Ray.....		3 500
Total, Wages		(18 500)
Total, Salaries and Wages.....		(142 475)
Expense and Equipment		
Expense, General		8 000
Expense, Chest X-Ray.....		1 575
Equipment.....		1 433
Total, Expense and Equipment.....		(11 008)
Total, Health Service.....		\$153 483
McKinley Hospital		
Expense and Equipment		
Expense		\$ 28 000
Total, McKinley Hospital.....		\$ 28 000
McKinley Hospital Operation (Entire budget from receipts)		
Salaries and Wages		
1. Nonacademic Salaries	H	\$ 78 369
Wages		6 000
Total, Salaries and Wages.....		(84 369)
Expense and Equipment		
Expense		22 314
Total, McKinley Hospital Operation.....		\$106 683
Housing Division		
Salaries and Wages		
1. S. E. Thompson, Director.....	DY50	\$ 4 100
(See Auxiliary Enterprises, Housing Administration)	DY50	(4 100)
(Total Salary)		(8 200)
2. Nonacademic Salaries	H	20 601
Total, Salaries		(24 701)
Wages		1 635
Total, Salaries and Wages.....		(26 336)
Expense and Equipment		
Expense		2 290
Equipment		583
Total, Expense and Equipment.....		(2 873)
Total, Housing Division.....		\$ 29 209
Residence Halls Counseling		
Salaries and Wages		
1. C. S. Sifferd, Supervisor of Counseling in Men's Residence Halls	DY	\$ 4 900
2. 1.25 Part-time Assistants.....	DY	4 680
Total, Salaries		(9 580)
Wages		330
Total, Salaries and Wages.....		(9 910)
Total, Residence Halls Counseling.....		\$ 9 910
Freshman Week		
Salaries and Wages		
Wages		\$ 250

Expense and Equipment

Expense	4 250
<i>Total, Freshman Week.....</i>	<i>\$ 4 500</i>

High School Guidance Conferences*Expense and Equipment*

Expense	\$ 1 250
<i>Total, High School Guidance Conferences.....</i>	<i>\$ 1 250</i>

University Placement Bureau*Salaries and Wages*

1. H. S. Dawson, Director and Associate Dean of Students..	DY	\$ 8 200
2. G. W. Peck, Assistant Director.....	DY25	1 415
(See Dean of Men).....	DY75	(4 940)
(Total Salary)		(6 355)
3. Nonacademic Salaries	H	3 057
<i>Total, Salaries</i>		<i>(12 672)</i>
Wages		1 200
<i>Total, Salaries and Wages.....</i>		<i>(13 872)</i>

Expense and Equipment

Expense	4 514
<i>Total, University Placement Bureau.....</i>	<i>\$ 18 386</i>

Security Office*Salaries and Wages*

1. J. E. Ewers, Security Officer.....	DY	\$ 6 000
2. Nonacademic Salaries	H	11 742
<i>Total, Salaries</i>		<i>(17 742)</i>
Wages		4 000
<i>Total, Salaries and Wages.....</i>		<i>(21 742)</i>

Expense and Equipment

Expense	3 350
Equipment	1 550
<i>Total, Expense and Equipment.....</i>	<i>(4 900)</i>
<i>Total, Security Office.....</i>	<i>\$ 26 642</i>

Committee on Student English*Salaries and Wages*

1. E. G. Mathews, Executive Secretary.....	DY67	\$ 3 810
(See English)	B'33	(1 560)
(Total Salary)		(5 370)
2. Nonacademic Salaries	H	1 806
<i>Total, Salaries</i>		<i>(5 706)</i>
Wages		550
<i>Total, Salaries and Wages.....</i>		<i>(6 256)</i>

Expense and Equipment

Expense	400
<i>Total, Committee on Student English.....</i>	<i>\$ 6 656</i>

Illini Center*Salaries and Wages*

1. Nonacademic Salaries	H	\$ 8 270
<i>Expense and Equipment</i>		<i>7 850</i>
Expense		
<i>Total, Illini Center.....</i>		<i>\$ 16 120</i>

Building Program Committee*Salaries and Wages*

1. Nonacademic Salaries	H	\$ 1 240
Wages		125
<i>Total, Salaries and Wages.....</i>		<i>(1 365)</i>

Expense and Equipment

Expense	400
<i>Total, Building Program Committee.....</i>	<i>\$ 1 765</i>

Citizens Committee

<i>Expense and Equipment</i>	
Expense	\$ 3 500
<i>Total, Citizens Committee.....</i>	<i>\$ 3 500</i>

Commencement

<i>Expense and Equipment</i>	
Expense	\$ 23 400
<i>Total, Commencement</i>	<i>\$ 23 400</i>

Honors Day

<i>Salaries and Wages</i>	
Wages	\$ 600
<i>Expense and Equipment</i>	
Expense	1 750
Equipment	400
<i>Total, Expense and Equipment.....</i>	<i>(2 150)</i>
<i>Total, Honors Day.....</i>	<i>\$ 2 750</i>

Incidental and Emergency

<i>Expense and Equipment</i>	
Expense	\$ 7 500
<i>Total, Incidental and Emergency.....</i>	<i>\$ 7 500</i>

Memberships in Organizations

<i>Expense and Equipment</i>	
American Council on Education.....	\$ 200
American University Union.....	100
Association of American Universities.....	250
Association of Land-Grant Colleges and Universities.....	700
Institute of International Education.....	300
Midwest Inter-Library Corporation.....	4 000
National Association of State Universities.....	50
North Central Association of Colleges and Secondary Schools.....	75
Urbana Association of Commerce.....	24
Champaign Chamber of Commerce.....	25
Campus Business Men's Association.....	10
<i>Total, Memberships in Organizations.....</i>	<i>\$ 5 734</i>

Public Functions

<i>Salaries and Wages</i>	
Wages	\$ 1 500
<i>Expense and Equipment</i>	
Expense	20 000
<i>Total, Public Functions.....</i>	<i>\$ 21 500</i>

Nonrecurring Equipment and Remodeling Unassigned

<i>Expense and Equipment</i>	
To be assigned by the President to departments on a non-recurring basis	<i>\$ 50 000</i>
<i>Total, Nonrecurring Equipment and Remodeling Unassigned</i>	<i>\$ 50 000</i>

Retiring Allowances

<i>Salaries</i>	
For payment of retiring allowances to individuals retired prior to September 1, 1942.....	\$ 85 489
<i>Total, Retiring Allowances</i>	<i>\$ 85 489</i>

University Retirement System*Expense and Equipment*

For employer contributions to University Retirement System covering expected death and disability benefits, supplemental and current retiring allowances to employees of the University of Illinois, and a portion of the administrative expenses.....

\$789 809

Total, University Retirement System.....

\$789 809

Death and Disability Benefits*Salaries and Wages*

Wages for payments due to replacements of nonacademic personnel on extended disability leave.....

\$ 2 500

Expense and Equipment

Expense for death benefits to persons retired prior to September 1, 1942, and for death and disability benefits to employees who are not participants in the University Retirement System.....

4 000

Total, Death and Disability Benefits.....

\$ 6 500

Injuries to Employees*Expense and Equipment*

Expense

\$ 9 000

Total, Injuries to Employees.....

\$ 9 000

COLLEGE OF LIBERAL ARTS AND SCIENCES**Summary**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$70 452	\$12 400	\$82 852
Astronomy.....	7 225	740	7 965
Bacteriology.....	78 571	15 000	93 571
Botany.....	123 956	17 500	141 456
Chemistry.....	545 218	205 000	750 218
Classics.....	35 650	750	36 400
Division of General Studies.....	82 183	3 800	85 983
English.....	451 774	6 000	457 774
Entomology.....	48 430	4 000	52 430
French.....	89 790	1 000	90 790
Geography.....	66 020	3 300	69 320
Geology.....	112 870	31 915	144 785
German.....	89 275	1 300	90 575
History.....	145 945	2 050	147 995
Mathematics.....	287 430	4 000	291 430
Philosophy.....	70 894	1 000	71 894
Physiology.....	95 322	13 500	108 822
Political Science.....	97 844	2 250	100 094
Psychology.....	183 376	13 900	197 276
Sociology and Anthropology.....	116 883	1 000	117 883
Spanish and Italian.....	101 401	1 800	103 201
Speech.....	203 853	8 100	211 953
Zoology.....	156 827	26 000	182 827
Classical Museum.....	1 000	500	1 500
Museum of European Culture.....	2 460	600	3 060
Natural History Museum.....	7 800	6 200	14 000
<i>Total.....</i>	<i>(3 272 449)</i>	<i>(383 605)</i>	<i>(3 656 054)</i>
Speech Revolving.....	.....	1 600	1 600
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>\$3 272 449</i>	<i>\$385 205</i>	<i>\$3 657 654</i>

Summary (concluded)

Expendable Gift and Endowment Funds	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Instruction (Endowment Income):			
Estimated new projects and renewals.....	.....	\$ 400	\$ 400
Organized Research (Gifts):			
Estimated new projects and renewals.....	\$50 000	25 000	75 000
<i>Total</i>	(50 000)	(25 400)	(75 400)

**United States Government Contracts
and Indirect Costs Recovered**

Instruction:			
Estimated new projects and renewals.....	10 000	2 000	12 000
Organized Research:			
Estimated new projects and renewals.....	150 000	50 000	200 000
<i>Total</i>	(160 000)	(52 000)	(212 000)
<i>Total, Trust Funds</i>	\$210 000	\$77 400	\$287 400

Administration*Salaries and Wages*

1. Henning Larsen, Dean.....	BY}	\$ 14 800
Professor of English.....	AY}	
2. G. E. Moore, Associate Dean.....	BY}	8 500
Associate Professor of Mathematics.....	AY}	
3. O. A. Kubitz, Assistant Dean.....	DY75	4 650
(See Philosophy)	DY25	(1 550)
(Total Salary)		(6 200)
4. F. J. Koenig, Assistant Dean.....	DY	5 400
5. Gibbon Butler, Assistant Dean.....	DY	5 100
6. Nonacademic Salaries	H	28 002
<i>Total, Salaries</i>		(66 452)

<i>Wages</i>	4 000
<i>Total, Salaries and Wages</i>	(70 452)

Expense and Equipment

Expense	5 000
Equipment	1 000
Contingent Fund	4 700
Division of Social Sciences Expense.....	200
Division of Biological Sciences Expense.....	1 000
Division of Biological Sciences Equipment.....	500
<i>Total, Expense and Equipment</i>	(12 400)
<i>Total, Administration</i>	\$ 82 852

Astronomy*Salaries and Wages*

1. R. H. Baker, Professor and Head of Department.....	A75	\$ 5 625
(See Division of General Studies).....	A25	(1 875)
(Total Salary)		(7 500)
2. .50 Part-time Assistants.....	E	1 200
<i>Total, Salaries</i>		(6 825)

<i>Wages</i>	400
<i>Total, Salaries and Wages</i>	(7 225)

Expense and Equipment

Expense	490
Equipment	250
<i>Total, Expense and Equipment</i>	(740)
<i>Total, Astronomy</i>	\$ 7 965

Bacteriology*Salaries and Wages*

1. H. O. Halvorson, Professor and Head of Department....	A	\$ 10 000
2. F. W. Tanner, Professor.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		

3. I. C. Gunsalus, Professor.....	A	9 500
4. S. E. Luria, Professor.....	A	.....
(Salary under Special Graduate Fund)		
5. Sol Spiegelman, Professor.....	A	7 500
6. G. I. Wallace, Associate Professor.....	A	6 500
7. F. M. Clark, Associate Professor.....	A	6 000
8. C. M. Wilson, Assistant Professor.....	B	4 700
9. A. F. Borg, Assistant Professor.....	D	4 700
10. 7.5 Part-time Assistants.....	E	18 000
11. Nonacademic Salaries	H	9 171
<i>Total, Salaries</i>		(76 071)
Wages		2 500
<i>Total, Salaries and Wages</i>		(78 571)
<i>Expense and Equipment</i>		
Expense		12 000
Equipment		3 000
<i>Total, Expense and Equipment</i>		15 000
<i>Total, Bacteriology</i>		\$ 93 571

Botany

<i>Salaries and Wages</i>		
1. Oswald Tippo, Professor.....	A }	\$ 8 000
Chairman of Department.....	B' }	
2. M. M. Rhoades, Professor.....	A	10 500
3. C. F. Hottes, Professor, <i>Emeritus</i>		(2 254)
(See Agronomy)		(453)
(Total from Retiring Allowances).....		(2 707)
4. J. T. Buchholz, Professor.....	A	9 000
5. A. G. Vestal, Professor.....	A	6 600
6. H. J. Fuller, Professor.....	A85	5 270
(See University Council on Teacher Education).....	D15	(930)
(Total Salary)		(6 200)
7. K. B. Raper, Visiting Professor.....	G20	(850)
(February 1 to June 30, 1951)		
(Paid from Educational Nonrecurring)		
8. G. N. Jones, Professor and Curator of Herbarium.....	A	6 100
9. Leland Shanor, Associate Professor and Curator of		
Mycological Collections	A	5 800
10. W. N. Stewart, Associate Professor.....	A	5 600
11. J. R. Laughnan, Assistant Professor.....	B	5 300
12. J. F. Nance, Assistant Professor.....	B'	5 000
13. Stella Hague, Associate, <i>Emerita</i> (From Retiring Allow-		
ances)		(1 144)
14. _____, Instructor	D	3 500
15. Frances E. Cottrell, Assistant.....	E	2 650
16. Ellen Dempsey, Research Assistant.....	DY	3 000
17. Mrs. Shirley Beym, Assistant.....	E	2 400
18. 10.33 Part-time Assistants.....	E	24 800
19. Nonacademic Salaries	H	18 936
<i>Total, Salaries</i>		(122 456)
Wages		1 500
<i>Total, Salaries and Wages</i>		(123 956)
<i>Expense and Equipment</i>		
Expense		13 500
Equipment		4 000
<i>Total, Expense and Equipment</i>		(17 500)
<i>Total, Botany</i>		\$141 456

Chemistry

<i>Salaries and Wages</i>		
1. Roger Adams, Professor of Organic Chemistry and Head		
of Department	A	\$ 16 000
2. W. C. Rose, Professor of Biochemistry.....	A	13 400

3. C. S. Marvel, Professor of Organic Chemistry.....	A	12 500
4. H. F. Johnstone, Professor of Chemical Engineering.....	A67	7 334
(See Chemical Engineering).....	A33	(3 666)
(Total Salary)		(11 000)
5. W. H. Rodebush, Professor of Physical Chemistry.....	A	11 000
6. A. M. Buswell, Research Professor.....	AY40	4 200
(From State Water Survey).....	AY60	(6 300)
(Total Salary)		(10 500)
7. R. C. Fuson, Professor of Organic Chemistry.....	A	10 000
8. G. L. Clark, Professor of Chemistry.....	A	10 000
9. J. C. Bailar, Jr., Professor and Departmental Secretary..	A	10 000
10. H. E. Carter, Professor.....	A	10 000
11. F. T. Wall, Professor.....	A	9 700
12. L. F. Audrieth, Professor.....	A	8 500
13. H. A. Laitinen, Professor.....	A	7 600
14. E. W. Comings, Professor of Chemical Engineering.....	A	7 600
15. T. E. Phipps, Professor of Physical Chemistry.....	A	7 600
16. H. R. Snyder, Professor.....	A	7 200
17. D. T. Englis, Professor.....	A	7 200
18. G. F. Smith, Professor.....	A	7 000
19. B. S. Hopkins, Professor, <i>Emeritus</i> (From Retiring Al- lowances)		(2 714)
20. R. B. Duffield, Associate Professor.....	A50	3 500
(See Physics)	A50	(3 500)
(Total Salary)		(7 000)
21. N. J. Leonard, Associate Professor.....	A	6 400
22. G. T. Moeller, Associate Professor.....	A	6 300
23. H. G. Drickamer, Associate Professor of Chemical En- gineering	A	5 700
24. R. L. Frank, Assistant Professor.....	B'	5 900
25. C. S. Vestling, Assistant Professor.....	B	5 700
26. B. R. Ray, Assistant Professor.....	B'	5 600
27. L. M. Henderson, Assistant Professor.....	B'	5 600
28. Virginia Bartow, Assistant Professor.....	B	5 000
29. E. R. Alexander, Assistant Professor.....	B'	5 100
30. P. E. Yankwich, Assistant Professor.....	B'	5 100
31. Thomas Baron, Assistant Professor.....	B	4 800
32. L. E. Miller, Assistant Professor and Administrative As- sistant to Head of Department.....	D	4 800
33. D. R. Martin, Assistant Professor.....	B	4 550
34. J. W. Westwater, Assistant Professor.....	B	4 500
35. R. K. Finn, Assistant Professor.....	D	4 500
36. Rosalie M. Parr, Associate, <i>Emerita</i> (From Retiring Al- lowances)		(1 265)
37. _____, Instructor	D	4 200
38. H. S. Gutowsky, Instructor.....	D	4 400
39. R. A. Johnson, Instructor.....	D	4 200
40. Milton Tamres, Instructor.....	D	4 200
41. R. M. Ross, Instructor.....	D	4 200
42. G. L. Bushey, Instructor.....	D	4 200
43. L. F. Goodyear, Instructor in Glassblowing.....		.....
(Salary under Chemistry, Nonacademic)		
44. R. A. Wankel, Research Assistant.....	DY	3 900
45. J. H. Looker, Research Assistant.....	DY	3 900
46. C. R. Walter, Jr., Research Assistant.....	DY	3 900
47. Elizabeth M. Petersen, Infrared Spectroscopist.....	DY	3 900
48. Emily E. Davis, Microanalyst.....	DY	3 900
49. _____, Microanalyst	DY	3 000
50. _____, Microanalyst	DY	3 100
51. 50.75 Part-time Assistants.....	E	142 000
52. Nonacademic Salaries	H	100 434
Total, Salaries		(543 318)

Wages	1 900
<i>Total, Salaries and Wages</i>	(545 218)
<i>Expense and Equipment</i>	
Expense	170 000
Equipment	35 000
<i>Total, Expense and Equipment</i>	(205 000)
<i>Total, Chemistry</i>	\$750 218

Cooperative Investigations (Under supervision of the Graduate College)*Salaries and Wages*

RECONSTRUCTION FINANCE CORPORATION

CONTRACT RuR SR 95

1. P. F. Grieger, Research Assistant.....	GY	\$ 4 200
(July 1, 1950, to June 30, 1951)		
2. ———, Research Assistant.....	GY	3 900
(July 1, 1950, to June 30, 1951)		
3. Elizabeth H. H. Shen, Research Assistant.....	GY	3 900
(July 1, 1950, to June 30, 1951)		
4. ———, Research Assistant.....	GY	3 900
(July 1, 1950, to June 30, 1951)		
5. J. W. Drenan, Research Assistant.....	GY	3 900
(July 1, 1950, to June 30, 1951)		
6. ———, Research Assistant.....	GY	3 600
(July 1, 1950, to June 30, 1951)		
7. ———, Research Assistant.....	GY	3 900
(July 1, 1950, to June 30, 1951)		
8. ———, Research Assistant.....	GY	3 900
(July 1, 1950, to June 30, 1951)		
9. 3.75 Part-time Research Assistants.....	GY	7 800
(July 1, 1950, to June 30, 1951)		

UPJOHN COMPANY ANTIBIOTIC RESEARCH

10. ———, Special Research Assistant.....	DY	2 700
11. Mrs. June M. Hearn, Research Assistant.....	DY	2 800
12. W. R. Taylor, Postdoctoral Research Assistant.....	DY	3 600

UNITED STATES PUBLIC SERVICE RG 2031

13. Jane Oesterling, Research Assistant.....	DY	3 800
14. R. A. Bauman, Research Assistant.....	DY	3 800

ELI LILLY COMPANY

15. Alfred Staub, Research Assistant.....	GY	3 600
(October 1, 1950, to September 30, 1951)		

NATIONAL INSTITUTE OF HEALTH

16. F. L. Greenwood, Research Assistant.....	GY	4 000
(September 16, 1950, to September 15, 1951)		

Classics*Salaries and Wages*

1. J. L. Heller, Professor and Head of Department, and Curator of Classical Museum.....	A	\$ 8 500
2. B. E. Perry, Professor.....	A	8 000
(On leave without pay Semester II, 1950-1951)		
3. Alexander Turyn, Professor.....	A	7 000
4. R. P. Oliver, Associate Professor.....	A ₅₀	2 800
(See Spanish and Italian).....	A ₅₀	(2 800)
(Total Salary)		(5 600)
5. L. D. Johnston, Assistant Professor.....	B	4 250
6. Francis Lazenby, Instructor.....	D	3 900
7. 1.50 Part-time Assistants.....	E	(3 900)
(Paid from Item 2)		
8. Nonacademic Salaries	H	860
<i>Total, Salaries</i>		(35 310)
Wages		340
<i>Total, Salaries and Wages</i>		(35 650)

Expense and Equipment

Expense	600
Equipment	150
<i>Total, Expense and Equipment</i>	(750)
<i>Total, Classics</i>	\$ 36 400

Salaries and Wages **Division of General Studies**

1. R. G. Bone, Director.....	DY50	\$ 4 250
Professor of History.....	AY	.....
(See Division of Special Services for War Veterans)	DY50	(4 250)
(Total Salary)		(8 500)
2. H. R. Wanless, Professor of Geology.....	A25	2 000
(See Geology)	A75	(6 000)
(Total Salary)		(8 000)
3. M. T. Herrick, Professor of English.....	A33	2 498
(See English)	A67	(5 002)
(Total Salary)		(7 500)
4. R. H. Baker, Professor of Astronomy.....	A25	1 875
(See Astronomy)	A75	(5 625)
(Total Salary)		(7 500)
5. J. M. McCrimmon, Associate Professor of Humanities....	A	6 000
6. William Habberton, Associate Professor of History.....	A	5 700
7. J. E. Hulett, Jr., Associate Professor of Sociology.....	A33	1 932
(See Sociology and Anthropology).....	A67	(3 868)
(Total Salary)		(5 800)
8. W. E. Morrell, Associate Professor of Physical Sciences.	A75	4 125
(See Student Counseling Bureau).....	D25	(1 375)
(Total Salary)		(5 500)
9. H. L. Andrews, Associate Professor of Biology.....	A	5 450
10. L. S. Hultzen, Associate Profesesor of Speech.....	A60	3 150
(See Speech)	A40	(2 100)
(Total Salary)		(5 250)
11. O. E. Kugler, Associate Professor of Zoology.....	A	5 200
12. Frank Costin, Assistant Professor of Psychology.....	B50	2 400
(See Student Counseling Bureau).....	D50	(2 400)
(Total Salary)		(4 800)
13. H. E. Gulley, Assistant Professor of Speech.....	B40	1 800
(See Speech)	B60	(2 700)
(Total Salary)		(4 500)
14. _____, Assistant Professor of History.....	D	4 000
15. J. F. Glawe, Instructor in Biological Sciences.....	D	3 975
16. A. Tress Lundman, Instructor in Verbal Communications	D	3 900
17. O. R. Rankin, Instructor in Physical Sciences.....	D	3 750
18. _____, Instructor in English.....	D	3 000
19. J. T. Mohan, Assistant in Social Science.....	E	3 000
20. _____, Assistant in History of Civilization.....	E	2 600
21. 3.33 Part-time Assistants.....	E	8 458
22. Nonacademic Salaries	H	1 920
<i>Total, Salaries</i>		(80 983)
<i>Wages</i>		1 200
<i>Total, Salaries and Wages</i>		(82 183)
<i>Expense and Equipment</i>		
Expense		2 200
Equipment		1 600
<i>Total, Expense and Equipment</i>		(3 800)
<i>Total, Division of General Studies</i>		\$ 85 983

*Salaries and Wages***English**

1. G. N. Ray, Professor and Head of Department.....	A	\$ 8 500
(Effective July 1, 1950)		

2. Henning Larsen, Professor.....	.....
(Salary under Administration)		
3. H. N. Hillebrand, Professor.....	.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
4. Ernest Bernbaum, Professor, <i>Emeritus</i>.....	.....
(Retiring allowance payable by Retirement System)		
5. G. T. Flom, Professor, <i>Emeritus</i> (From Retiring Allow- ances)		(2 308)
6. T. W. Baldwin, Professor.....	A	10 300
7. H. F. Fletcher, Professor.....	A	9 750
8. P. N. Landis, Professor.....	A	8 000
9. J. J. Parry, Professor.....	A	8 000
10. _____, Professor	A	7 500
11. M. T. Herrick, Professor.....	A67	5 002
(See Division of General Studies).....	A33	(2 498)
(Total Salary)		(7 500)
12. A. W. Secord, Professor.....	A	7 500
13. R. A. Gettmann, Professor.....	A	7 000
14. R. M. Smith, Professor.....	A	6 700
15. C. R. Anderson, Professor of Business English.....	A	6 500
16. J. T. Flanagan, Professor.....	A	6 500
17. C. W. Roberts, Professor and Executive Secretary of De- partment	A	6 400
18. S. E. Glenn, Associate Professor.....	A	6 300
19. C. H. Shattuck, Associate Professor.....	A	5 600
20. B. A. Milligan, Associate Professor.....	A	5 500
21. R. B. Weirick, Associate Professor.....	A	5 500
22. Mrs. Leah F. Trelease, Associate Professor.....	A	5 500
23. M. S. Goldman, Associate Professor.....	A	5 200
24. J. N. Hook, Associate Professor.....	A67	3 400
(See University Council on Teacher Education).....	D33	(1 700)
(Total Salary)		(5 100)
25. Caroline Tupper, Assistant Professor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
26. E. G. Mathews, Assistant Professor.....	B33	1 560
(See Committee on Student English).....	DY67	(3 810)
(Total Salary)		(5 370)
27. G. P. Haskell, Assistant Professor.....	B'	4 900
28. G. B. Evans, Assistant Professor.....	B'	4 900
29. L. C. Warren, Assistant Professor.....	B'	4 800
30. A. G. Holaday, Assistant Professor.....	B'	4 800
31. R. W. Rogers, Assistant Professor.....	B'	4 700
32. C. W. Wilkinson, Assistant Professor of Business English	B75	3 375
(See Student Counseling Bureau).....	D25	(1 125)
(Total Salary)		(4 500)
33. Ruth Kelso, Assistant Professor.....	B	4 500
34. F. W. Weeks, Assistant Professor of Business English..	D	4 500
35. Gardiner Stillwell, Assistant Professor.....	B	4 400
36. Garreta H. Busey, Assistant Professor.....	B'	4 400
37. Clarissa Rinaker, Assistant Professor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
38. _____, Assistant Professor	D	4 000
39. Cornelia P. Kelley, Assistant Professor.....	B	4 000
40. Mrs. Esther H. Rapp, Assistant Professor.....	B	4 000
41. Margaret French, Assistant Professor.....	B	4 000
42. J. K. Quinn, Instructor.....	D	4 000
43. H. W. Sargent, Instructor in Business English.....	D	4 000
44. _____, Instructor in Business English.....	D	3 600
45. F. G. Townsend, Instructor.....	D	3 600
46. Margaret Bloom, Instructor.....	D	3 500
47. A. L. Scott, Instructor.....	D	3 500

48. Helen Beveridge, Instructor.....	D	3 500
49. George Scouffas, Instructor.....	D	3 500
50. W. S. Worden, Instructor.....	D	3 500
51. J. H. Schacht, Instructor.....	D	3 300
52. G. N. Thomas, Instructor.....	D	3 300
53. N. P. Davis, Instructor in Business English.....	D	3 300
54. _____, Instructor.....	D	3 200
55. J. A. Hamilton, Instructor.....	D	3 200
56. W. J. Chamberlin, Instructor in Business English.....	D	3 200
57. Mrs. Marcia Bowman, Instructor in Business English....	D	3 000
58. _____, Instructor in Business English.....	D	3 000
59. Effie N. Hunt, Instructor.....	D	3 000
60. Lois T. Hartley, Instructor.....	D	3 000
61. _____, Instructor in Business English.....	D	3 000
62. Audrey Galpin, Assistant.....	E	3 100
63. J. T. Maguire, Assistant in Business English.....	E	3 000
64. Mary A. Hussey, Assistant.....	E	3 000
65. R. G. Brooks, Assistant.....	E67	2 033
(See Student Counseling Bureau).....	E33	(1 017)
(Total Salary).....		(3 050)
66. Sonia Miller, Assistant.....	E	2 800
67. Constance Nicholas, Assistant.....	E	2 800
68. J. B. Foster, Assistant.....	E	2 700
69. C. T. Wilkins, Assistant.....	E	2 700
70. J. D. Bailey, Assistant.....	E	2 600
71. G. E. Jones, Assistant.....	E	2 600
72. W. C. McAvoy, Assistant.....	E	2 600
73. Verna Wittrock, Assistant.....	E	2 500
74. B. J. C. Frye, Assistant.....	E	2 500
75. A. C. Tillman, Assistant.....	E	2 500
76. T. H. Driscoll, Assistant.....	E	2 500
77. J. H. Dugas, Assistant.....	E	2 500
78. Eugene White, Assistant.....	E	2 500
79. Mrs. Marjorie E. Goodrich, Assistant.....	E	2 500
80. Jerome Beaty, Assistant.....	E	2 500
81. R. H. O'Bannon, Assistant.....	E	2 500
82. G. S. Conkin, Assistant.....	E	2 500
83. Mrs. Virginia Hegland, Assistant.....	E	2 400
84. Margaret O. Stewart, Assistant.....	E	2 400
85. J. E. Robinson, Assistant.....	E	2 400
86. H. F. Salerno, Assistant.....	E	2 400
87. M. A. Crane, Assistant.....	E	2 400
88. G. T. Watkins, Assistant.....	E	2 400
89. J. E. Bellamy, Assistant.....	E	2 400
90. J. F. Speer, Assistant.....	E	2 400
91. Mrs. Elizabeth M. Crook, Assistant.....	E	2 400
92. Sidney Warschausky, Assistant.....	E	2 400
93. J. B. Gleason, Assistant.....	E	2 400
94. F. B. Moake, Assistant.....	E	2 400
95. H. E. Pendleton, Assistant.....	E	2 400
96. O. L. Rice, Assistant.....	E	2 400
97. G. A. Sandstrom, Assistant.....	E	2 400
98. _____, Assistant.....	E	2 400
99. G. O. Carey, Assistant.....	E	2 400
100. R. S. Leever, Assistant.....	E	2 400
101. 30.50 Part-time Assistants.....	E	73 866
102. Nonacademic Salaries.....	H	11 088
<i>Total, Salaries</i>		(447 774)
Wages.....		4 000
<i>Total, Salaries and Wages</i>		(451 774)

Expense and Equipment

Expense	4 500
Equipment	1 500
<i>Total, Expense and Equipment</i>	<u>(6 000)</u>
<i>Total, English</i>	\$457 774

Entomology*Salaries and Wages*

1. W. P. Hayes, Professor and Head of Department..... A	\$ 8 000
2. C. W. Kearns, Professor..... A	7 300
3. W. V. Balduf, Professor..... A	6 500
4. G. S. Fraenkel, Professor..... D	6 900
5. H. H. Ross, Professor..... A	.....
(Salary paid by State Natural History Survey)	
6. G. C. Decker, Professor..... A	.....
(Salary paid by State Natural History Survey)	
7. V. G. Milum, Associate Professor..... A	5 350
8. W. R. Horsfall, Assistant Professor..... B'	4 800
9. 2.00 Part-time Assistants..... E	4 800
10. Nonacademic Salaries..... H	3 180
<i>Total, Salaries</i>	(46 830)
Wages	(1 600)
<i>Total, Salaries and Wages</i>	(48 430)

Expense and Equipment

Expense	2 500
Equipment	1 500
<i>Total, Expense and Equipment</i>	<u>(4 000)</u>
<i>Total, Entomology</i>	\$ 52 430

French*Salaries and Wages*

1. J. F. Jackson, Professor and Head of Department..... A	\$ 8 500
2. D. H. Carnahan, Professor, <i>Emeritus</i> (From Retiring Allowances)	(2 558)
3. C. A. Knudson, Professor..... A	7 500
4. _____, Associate Professor..... A	6 000
5. C. C. Gullette, Associate Professor..... A	5 700
6. P. E. Jacob, Associate Professor..... A	5 300
7. J. R. Smiley, Associate Professor..... AY25	1 750
(See Graduate College, Administration)..... DY75	(6 000)
(Total Salary)	(7 750)
8. C. P. Viens, Assistant Professor..... B	4 700
9. Angelina R. Pietrangeli, Assistant Professor..... B'50	2 500
(See Spanish and Italian)..... B'50	(2 500)
(Total Salary)	(5 000)
10. Mrs. Frances F. Sobotka, Assistant Professor of Russian B	4 250
11. Philip Kolb, Assistant Professor..... B'	4 800
12. F. W. Nachtmann, Instructor..... D	3 980
13. R. E. Hallowell, Instructor..... D	3 750
14. B. H. Mainous, Instructor..... D	3 700
15. G. M. Oudyn, Instructor..... D	3 300
16. Cordelia Reed, Assistant..... E	2 800
17. Mrs. Elaine F. Newkirk, Assistant..... E	2 600
18. John Alexander, Assistant.....	.....
(On leave without pay until further notice; disability benefits payable by Retirement System)	
19. 7.00 Part-time Assistants..... E	16 800
20. Nonacademic Salaries..... H	1 860
<i>Total, Salaries</i>	(89 790)

Expense and Equipment

Expense	1 000
<i>Total, French</i>	\$ 90 790

<i>Salaries and Wages</i>		Geography	
1.	J. A. Russell, Professor and Head of Department.....	A	\$ 8 500
2.	W. O. Blanchard, Professor.....	A	6 600
3.	J. L. Page, Professor.....	A	6 000
	(On leave with pay Semester I, 1950-1951)		
4.	J. H. Garland, Professor.....	A	6 000
5.	F. W. Foster, Associate Professor.....	A	5 500
6.	A. W. Booth, Associate Professor.....	A	5 500
7.	_____, Assistant Professor.....	D	4 500
8.	J. D. Fellmann, Instructor.....	D	4 000
9.	6.75 Part-time Assistants.....	E	16 200
10.	Nonacademic Salaries	H	2 220
	<i>Total, Salaries</i>		(65 020)
	<i>Wages</i>		1 000
	<i>Total, Salaries and Wages</i>		(66 020)
<i>Expense and Equipment</i>			
	<i>Expense</i>		1 700
	<i>Equipment</i>		1 600
	<i>Total, Expense and Equipment</i>		(3 300)
	<i>Total, Geography</i>		\$ 69 320

<i>Salaries and Wages</i>		Geology	
1.	G. W. White, Professor and Head of Department.....	A	\$ 9 500
2.	F. W. DeWolf, Professor, <i>Emeritus</i>.....		.....
	(Retiring allowance payable by Retirement System)		
3.	R. E. Grim, Research Professor.....	A	8 500
4.	H. R. Wanless, Professor.....	A75	6 000
	(See Division of General Studies).....	A25	(2 000)
	(Total Salary)		(8 000)
5.	H. W. Scott, Professor.....	A	7 200
6.	C. A. Chapman, Professor.....	A	7 200
7.	J. L. Hough, Professor.....	A	6 500
8.	A. F. Hagner, Associate Professor.....	A	6 200
9.	P. R. Shaffer, Associate Professor.....	A	5 900
10.	Bernhard Kummel, Associate Professor.....	A	5 500
	(On leave without pay Semester II, 1950-1951)		
11.	Christoffer Oftedahl, Visiting Assistant Professor.....	D	5 300
12.	D. M. Henderson, Instructor.....	D	4 300
13.	W. M. Merrill, Instructor.....	D	1 050
	(From Item 10).....		(2 750)
	(Total Salary)		(3 800)
14.	11.50 Part-time Assistants.....	E	27 750
15.	Nonacademic Salaries	H	10 470
	<i>Total, Salaries</i>		(111 370)
	<i>Wages</i>		1 500
	<i>Total, Salaries and Wages</i>		(112 870)
<i>Expense and Equipment</i>			
	<i>Expense</i>		13 915
	<i>Equipment</i>		18 000
	<i>Total, Expense and Equipment</i>		(31 915)
	<i>Total, Geology</i>		\$144 785

<i>Salaries and Wages</i>		German	
1.	Helmut Rehder, Professor and Head of Department.....	A	\$ 9 500
2.	D. W. Schumann, Professor.....	A	7 500
3.	C. A. Williams, Professor, <i>Emeritus</i>.....		.....
	(Retiring allowance payable by Retirement System)		
4.	J. T. Geissendoerfer, Professor.....	A	6 300
	(On leave without pay from September 1 to December 31, 1950)		

5. Gilbert Waterhouse, Visiting Professor.....	G	(2 100)
(Paid from Item 4 for the period September 1 to December 31, 1950)		
6. E. A. Philippon, Associate Professor.....	A	6 100
7. J. R. Frey, Associate Professor.....	A	5 900
8. F. J. Nock, Associate Professor.....	A	5 300
9. Henri Stegemeier, Associate Professor.....	A	5 200
10. Daisy L. Blaisdell, Assistant Professor, <i>Emerita</i> (From Retiring Allowances)		(1 330)
11. Mimi I. Jehle, Assistant Professor.....	B	4 940
(On leave with pay Semester I, 1950-1951)		
12. _____, Assistant Professor.....	D	4 500
13. W. F. Roertgen, Instructor.....	D	3 500
14. R. R. Brewster, Instructor.....	D	3 500
15. W. K. H. Gieseke, Instructor.....	D	3 200
16. Pauline J. Steiner, Instructor.....	D	3 200
17. Max Dufner, Assistant.....	E	2 800
18. 6.50 Part-time Assistants.....	E	15 600
19. Nonacademic Salaries	H	1 935
Total, Salaries		(88 975)
Wages		300
Total, Salaries and Wages.....		(89 275)
Expense and Equipment		
Expense		900
Equipment		400
Total, Expense and Equipment.....		(1 300)
Total, German		\$ 90 575

History

<i>Salaries and Wages</i>		
1. F. C. Dietz, Professor and Head of Department.....	A	\$ 9 500
2. W. S. Robertson, Professor, <i>Emeritus</i> (From Retiring Allowances)		(2 814)
3. J. G. Randall, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
4. P. V. B. Jones, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
5. F. A. Shamon, Professor.....	A	8 500
6. J. W. Swain, Professor.....	A	7 750
7. R. P. Stearns, Professor.....	A	7 250
8. F. S. Rodkey, Professor.....	A	6 600
9. C. E. Nowell, Professor.....	A	6 300
10. R. C. Werner, Professor.....	A	6 200
11. R. G. Bone, Professor.....		.....
(Salary under Division of General Studies and Division of Special Services for War Veterans)		
12. E. L. Erickson, Associate Professor.....	A	5 800
13. C. G. Starr, Associate Professor.....	A	5 700
(On leave with one-half pay 1950-1951)		
14. A. E. Bestor, Associate Professor.....	A	6 000
15. R. N. Current, Associate Professor.....	A	5 800
16. _____, Associate Professor.....	A	5 500
17. F. B. Freidel, Jr., Assistant Professor.....	B	4 900
18. Louise B. Dunbar, Assistant Professor.....	B	4 900
19. Mary L. Shay, Assistant Professor.....	B	4 800
20. J. B. Sirich, Assistant Professor.....	B	4 820
21. Ameda R. King, Assistant Professor.....	D	4 100
22. Natalia M. Belting, Assistant Professor.....	D	4 200
23. R. M. Sutton, Instructor.....	D67	2 550
(See University Council on Teacher Education).....		
(Total Salary)	D33	(1 275)
24. N. F. Norman, Instructor.....	D	3 800
25. C. E. Dawn, Instructor.....	D	3 800

26. W. J. Bouwsma, Instructor.....	D	3 600
27. _____, Assistant	E	2 500
28. 6.75 Part-time Assistants.....	E	17 675
29. Nonacademic Salaries	H	2 400
<i>Total, Salaries</i>		(144 945)
Wages		1 000
<i>Total, Salaries and Wages</i>		(145 945)
<i>Expense and Equipment</i>		
Expense		1 500
Equipment		550
<i>Total, Expense and Equipment</i>		(2 050)
<i>Total, History</i>		\$147 995

Mathematics

Salaries and Wages

1. S. S. Cairns, Professor and Head of Department.....	A	\$ 11 500
2. A. B. Coble, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. E. J. Townsend, Professor, <i>Emeritus</i> (From Retiring Al-		(3 000)
lowances)		
4. G. A. Miller, Professor, <i>Emeritus</i> (From Retiring Al-		(2 950)
lowances)		
5. Arnold Emch, Professor, <i>Emeritus</i> (From Retiring Al-		(2 168)
lowances)		
6. R. D. Carmichael, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
7. J. L. Doob, Professor.....	A	10 000
8. W. G. Madow, Professor of Mathematical Statistics.....	A	9 000
9. H. R. Brahana, Professor.....	A	8 500
10. W. J. Trjitzinsky, Professor.....	A	8 500
11. Reinhold Baer, Professor.....	A	8 000
12. D. G. Bourgin, Professor.....	A	8 000
13. _____, Visiting Professor.....	D	7 500
14. H. J. Miles, Professor.....	A ₅₀	3 400
Executive Secretary of Department.....	DY ₅₀	3 400
(Total Salary)		(6 800)
15. P. W. Ketchum, Professor.....	A	6 500
16. M. M. Day, Professor.....	A	6 000
17. A. H. Taub, Research Professor of Applied Mathematics		.....
(Salary under Special Graduate Fund)		
18. H. W. Bailey, Professor.....		.....
(Salary under Chicago Undergraduate Division)		
19. G. E. Moore, Associate Professor.....		.....
(Salary under Administration)		
20. Olive C. Hazlett, Associate Professor.....		.....
(On leave without pay; disability benefits payable by		
Retirement System)		
21. C. W. Mendel, Associate Professor.....	A	6 500
22. Harry Levy, Associate Professor.....	A	5 800
23. G. P. Hochschild, Associate Professor.....	A	5 500
24. J. W. Peters, Associate Professor.....	A	5 200
25. M. K. Fort, Jr., Assistant Professor.....	B'	4 800
26. M. E. Munroe, Assistant Professor.....	B'	4 800
27. H. E. Vaughan, Assistant Professor.....	B	4 800
28. Herman Chernoff, Assistant Professor.....	B'	4 700
29. Lowell Schoenfeld, Assistant Professor.....	B'	4 700
30. L. L. Steimley, Assistant Professor.....	B'	4 700
31. Beulah M. Armstrong, Assistant Professor.....	B	4 500
32. Paul Bateman, Assistant Professor.....	D	4 500
33. Josephine H. Chanler, Assistant Professor.....	B	4 500
34. W. A. Ferguson, Assistant Professor.....	B	4 500
35. Joseph Landin, Assistant Professor.....	B	4 500

36. Echo D. Pepper, Assistant Professor.....	B	4 500
37. Irving Reiner, Assistant Professor.....	B'	4 500
38. C. R. Blyth, Assistant Professor.....	D	4 500
39. W. F. Atchison, Assistant Professor.....	B'	4 400
(On leave with one-half pay 1950-1951)		
40. F. E. Hohn, Assistant Professor.....	B'	4 400
41. Harry Lass, Assistant Professor.....	B'	4 400
42. B. E. Meserve, Assistant Professor.....	B'	4 400
43. Josephine Mitchell, Assistant Professor.....	B'	4 400
44. O. K. Bower, Assistant Professor.....	B	4 200
45. V. A. Hoersch, Assistant Professor.....	B	4 200
46. E. J. Scott, Assistant Professor.....	B	4 200
47. Wilfrid Wilson, Assistant Professor.....	B	4 200
48. R. E. Pingry, Assistant Professor.....	B'33	1 400
(See Education)	B'42	(1 750)
(See University Council on Teacher Education)	D'25	(1 050)
(Total Salary)		(4 200)
49. _____, Assistant Professor.....	D	4 500
50. _____, Instructor	D	4 200
51. Jewell E. Schubert, Instructor.....	D	4 000
52. Corinne Hattan, Instructor.....	D	3 800
53. Clarence Phillips, Instructor.....	D	3 500
54. 15.00 Part-time Assistants.....	E	43 990
55. Nonacademic Salaries.....	H	5 190
Total, Salaries		(287 180)
Wages		250
Total, Salaries and Wages.....		(287 430)
<i>Expense and Equipment</i>		
Expense		4 000
Total, Mathematics		\$291 430

Cooperative Investigations**GRADUATE RESEARCH — INDIRECT COSTS — MATHEMATICS — CAIRNS**

1. Tadasu Nakayama, Visiting Research Professor.....	D	\$ 7 000
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Philosophy*Salaries and Wages*

1. M. T. McClure, Professor and Head of Department.....	AY	\$ 10 404
2. M. H. Fisch, Professor.....	A	8 000
(On leave with one-half pay Semester I and without pay Semester II, 1950-1951)		
3. D. W. Gotshalk, Professor.....	A	8 500
4. _____, Visiting Professor (Semester II).....	G	2 625
(From Educational Nonrecurring)		(3 375)
(Total Salary)		(6 000)
5. J. A. Nicholson, Associate Professor.....	A	6 250
6. F. L. Will, Associate Professor.....	A	6 250
7. A. R. Turquette, Associate Professor.....	A50	2 625
(See Special Graduate Fund).....	A50	(2 625)
(Total Salary)		(5 250)
8. B. J. Diggs, Assistant Professor.....	B'	4 850
9. O. A. Kubitz, Assistant Professor.....	DY25	1 550
(See Administration)	DY75	(4 650)
(Total Salary)		(6 200)
10. N. M. Lawrence, Instructor.....	D	4 000
11. Leonard Linsky, Instructor.....	D	3 800
12. H. M. Tiebout, Instructor.....	D	3 850
13. 2.50 Part-time Assistants.....	E	6 000
14. Nonacademic Salaries	H	1 890
Total, Salaries		(70 594)
Wages		300
Total, Salaries and Wages.....		(70 894)

Expense and Equipment

Expense	1 000
<i>Total, Philosophy</i>	\$ 71 894

*Salaries and Wages***Physiology**

1. R. E. Johnson, Professor and Head of Department.....	A	\$ 10 000
2. C. L. Prosser, Professor.....	A	6 700
3. F. R. Steggerda, Professor.....	A	6 300
4. Henry Quastler, Associate Professor.....	A	7 500
5. A. B. Taylor, Associate Professor.....	A	5 300
6. Frederick Sargent, Assistant Professor.....	D	4 500
7. V. J. Wulff, Assistant Professor.....	B'	4 500
8. W. P. Elhardt, Assistant Professor.....	B	4 000
9. C. F. Consolazio, Research Associate.....	DY	5 500
10. J. D. Anderson, Instructor.....	D	3 800
11. G. C. Wickwire, Instructor.....	D	3 800
12. S. G. Stolpe, Instructor.....	D	3 600
13. Ruth T. Krouse, Instructor.....	D	3 100
14. Donald Beyer, Assistant.....	E	2 400
15. P. B. Phinney, Assistant.....	E	2 400
16. 5.50 Part-time Assistants.....	E	13 200
17. Nonacademic Salaries.....	H	7 122
<i>Total, Salaries</i>		(93 722)
Wages		1 600
<i>Total, Salaries and Wages</i>		(95 322)

Expense and Equipment

Expense	10 000
Equipment	3 500
<i>Total, Expense and Equipment</i>	(13 500)
<i>Total, Physiology</i>	\$108 822

*Salaries and Wages***Political Science**

1. C. M. Kneier, Professor.....	A }	\$ 10 000
Chairman of Department.....	B' }	
2. C. A. Berdahl, Professor.....	A	9 500
3. J. M. Mathews, Professor.....	A	8 500
4. F. G. Wilson, Professor.....	A	8 500
5. C. F. Snider, Professor.....	A	6 500
6. Royden Dangerfield, Professor.....	AY ₄₀	4 000
(See Institute of Government and Public Affairs)....	DY ₆₀	(6 000)
(Total Salary)		(10 000)
7. Valentine Jobst, III, Associate Professor.....	A	5 750
8. C. B. Hagan, Associate Professor.....	A	5 500
9. E. G. Lewis, Associate Professor.....	A	5 250
10. Phillip Monypenny, Assistant Professor.....	B'	4 500
11. George Manner, Assistant Professor.....	B	4 000
12. N. F. Garvey, Assistant Professor.....	D ₂₅	1 000
(See Correspondence Courses).....	DY ₇₅	(4 500)
(Total Salary)		(5 500)
13. J. M. Edelman, Assistant Professor.....	DY ₂₀	1 040
(See Institute of Labor and Industrial Relations)....	DY ₈₀	(4 160)
(Total Salary)		(5 200)
14. J. A. Ranney, Instructor.....	D	3 750
15. _____, Instructor	D	3 750
16. 4.50 Part-time Assistants.....	E	12 800
17. Nonacademic Salaries.....	H	2 904
<i>Total, Salaries</i>		(97 244)
Wages		600
<i>Total, Salaries and Wages</i>		(97 844)

Expense and Equipment

Expense	2 250
<i>Total, Political Science</i>	\$100 094

*Salaries and Wages***Psychology**

1. _____, Professor and Head of Department.....	A	\$ 12 000
2. _____, Professor, in charge of Psychological Clinic	A	10 000
3. Herbert Woodrow, Professor.....	A	9 500
(On leave with pay Semester I, 1950-1951)		
4. O. H. Mowrer, Research Professor.....		.....
(Salary under Special Graduate Fund)		
5. R. B. Cattell, Research Professor.....		.....
(Salary under Special Graduate Fund)		
6. C. M. Louttit, Professor.....		.....
(Salary under Provost's Office)		
7. P. T. Young, Professor.....	A	7 000
8. Ross Stagner, Professor.....	A67	4 667
(See Institute of Labor and Industrial Relations)....	A33	(2 333)
(Total Salary)		(7 000)
9. L. I. O'Kelly, Professor.....	A83	5 500
10. G. D. Higginson, Professor.....	A	6 450
11. L. L. McQuitty, Professor.....	AY50	3 750
(See Institute of Labor and Industrial Relations)....	AY50	(3 750)
(Total Salary)		(7 500)
12. T. W. Harrell, Associate Professor.....	A	6 150
(On leave without pay 1950-1951)		
13. A. C. Williams, Jr., Research Associate Professor.....	AY	7 500
14. R. M. Collier, Associate Professor.....	A83	4 850
15. C. E. Osgood, Associate Professor.....	B50	2 625
(See Institute of Communications Research).....	B50	(2 625)
(Total Salary)		(5 250)
16. W. G. McAllister, Associate Professor.....	A	5 200
17. A. L. Irion, Associate Professor.....	A	5 000
18. L. A. Pennington, Associate Professor.....	Eo8	500
19. W. M. Gilbert, Associate Professor.....		.....
(Salary under Student Counseling Bureau)		
20. L. A. Hellmer, Associate Professor.....		.....
(Salary under Student Counseling Bureau)		
21. R. P. Larsen, Assistant Professor.....		.....
(Salary under Student Counseling Bureau)		
22. T. N. Ewing, Assistant Professor.....		.....
(Salary under Student Counseling Bureau)		
23. Mrs. Alice K. Jonietz, Assistant Professor.....		.....
(Salary under Student Counseling Bureau)		
24. R. Elizabeth Brown, Assistant Professor.....	D	4 932
25. Gertrude L. Bates, Assistant Professor.....	DY35	2 150
(From Trust, U. S. Public Health Service).....	DY65	(3 600)
(Total Salary)		(5 750)
26. G. J. Wischner, Assistant Professor.....	D50	2 400
(See Speech)	D50	(2 400)
(Total Salary)		(4 800)
27. J. B. Cohen, Assistant Professor.....	B'	4 980
28. A. L. Comrey, Assistant Professor.....	B'	4 900
29. G. R. Grice, Assistant Professor.....	B	4 600
30. Wesley Osterberg, Assistant Professor.....	D	(4 900)
(Paid from Item 12)		
31. _____, Assistant Professor.....	D	4 500
32. _____, Assistant Professor.....	B	4 500
33. D. A. Gordon, Assistant Professor.....	B	4 350
34. P. V. Marchetti, Assistant Professor.....	B	4 350

35. H. A. Grace, Assistant Professor.....	B'	4 400
36. D. S. Pomeroy, Assistant Professor.....	D	4 500
37. W. G. Matheny, Assistant Professor.....	D25	1 100
(From ONR Psychology Tor6).....	D75	(3 300)
(Total Salary)		(4 400)
38. Kathryn G. Hansen, Instructor.....	DY12	490
(See Nonacademic Personnel Office).....	H88	(4 550)
(Total Salary)		(5 040)
39. Martha H. Heaton, Instructor.....	D25	875
40. P. W. Wenig, Assistant.....	E	2 400
41. L. M. Gustafson, Assistant.....	E	2 400
42. 1.00 Part-time Clinical Assistants.....	DY	3 200
43. 5.00 Part-time Assistants.....	E	12 000
AVIATIONAL PSYCHOLOGY		
44. 1.00 Part-time Research Assistants.....	DY	3 200
45. Nonacademic Salaries	H	10 157
<i>Total, Salaries</i>		(176 976)
Wages, General		5 500
Wages, Avational Psychology.....		900
<i>Total, Wages</i>		(6 400)
<i>Total, Salaries and Wages</i>		(183 376)
<i>Expense and Equipment</i>		
Expense, General		4 800
Expense, Avational Psychology.....		3 900
Equipment, General		3 200
Equipment, Avational Psychology.....		2 000
<i>Total, Expense and Equipment</i>		(13 900)
<i>Total, Psychology</i>		\$197 276

Cooperative Investigations (Under direction of the Graduate College)

Salaries and Wages

UNITED STATES PUBLIC HEALTH SERVICE

- | | | |
|--|-----|----------|
| 1. Edward Ross, Professor..... | E25 | \$ 3 250 |
| 2. A. J. Gottneid, Research Assistant..... | G | 2 667 |
| (Ten months from September 1, 1950) | | |

OFFICE OF NAVAL RESEARCH TASK XVI

- | | | |
|--|----|-------|
| 3. S. N. Roscoe, Research Associate..... | GY | 5 400 |
| (One year from July 1, 1950) | | |
| 4. E. L. Brown, Research Assistant..... | GY | 4 200 |
| (One year from July 1, 1950) | | |

OFFICE OF NAVAL RESEARCH 79600

- | | | |
|--|----|-------|
| 5. Glen Stice, Research Associate..... | DY | 4 200 |
|--|----|-------|

Sociology and Anthropology

Salaries and Wages

- | | | |
|--|------|----------|
| 1. J. W. Albig, Professor..... | A } | \$ 8 750 |
| Chairman of Department..... | B' } | |
| (See Institute of Communications Research) | | |
| 2. E. T. Hiller, Professor, <i>Emeritus</i>..... |  | ..... |
| (Retiring allowance payable by Retirement System) | | |
| 3. F. W. Zmieniecki, Professor, <i>Emeritus</i>..... |  | ..... |
| (Retiring allowance payable by Retirement System) | | |
| 4. _____, Professor | A | 7 500 |
| 5. _____, Professor | A | 7 000 |
| 6. D. R. Taft, Professor..... | A | 7 000 |
| 7. D. E. Lindstrom, Professor of Rural Sociology..... |  | ..... |
| (Salary under Agricultural Economics) | | |
| 8. B. F. Timmons, Associate Professor..... | A | 6 200 |
| 9. E. H. Shideler, Associate Professor..... | A | 6 000 |
| 10. J. C. McGregor, Associate Professor of Anthropology... | A | 5 800 |
| 11. Oscar Lewis, Associate Professor of Anthropology..... | A | 5 800 |

12. Robert Dubin, Associate Professor.....	A50	2 900
(See Business Organization and Operation).....	A50	(2 900)
(Total Salary)		(5 800)
13. J. E. Hulett, Jr., Associate Professor.....	A67	3 868
(See Division of General Studies).....	A33	(1 932)
(Total Salary)		(5 800)
14. R. S. Dewey, Assistant Professor.....	B	5 000
15. R. H. Bierstedt, Assistant Professor.....	B	5 000
16. _____, Assistant Professor.....	D	5 000
17. E. A. Ahrens, Assistant Professor.....	B	4 700
18. R. W. Janes, Assistant Professor.....	B	4 500
19. D. E. Wray, Assistant Professor.....	DY40 ¹	2 040
(See Institute of Labor and Industrial Relations)...	DY60 ¹	(3 060)
(Total Salary)		(5 100)
20. Mrs. Margaret K. Chandler, Assistant Professor.....	DY20 ²	1 020
(See Institute of Labor and Industrial Relations)....	DY80 ²	(4 080)
(Total Salary)		(5 100)
21. C. L. Folse, Lecturer.....		.....
(Salary under Agricultural Economics).....		
22. T. C. Esselstyn, Instructor.....	D	3 800
23. Ruth A. Hudson, Instructor.....	DY20 ²	780
(See Institute of Labor and Industrial Relations)....	DY80 ²	(3 120)
(Total Salary)		(3 900)
24. Max Kaplan, Assistant.....	E	2 800
25. 6.00 Part-time Assistants.....	E	17 000
26. Nonacademic Salaries	H	3 825
Total, Salaries		(116 283)
Wages		600
Total, Salaries and Wages.....		(116 883)
Expense and Equipment		
Expense		1 000
Total, Sociology and Anthropology.....		\$117 883

*Salaries and Wages***Spanish and Italian**

1. John Van Horne, Professor and Head of Department....	A	\$ 9 000
2. Arthur Hamilton, Professor.....	A50	3 780
(See Dean of Students).....	DY50	(4 620)
(Total Salary)		(8 400)
3. Luis Alberto Sánchez, Visiting Professor.....	D	(7 500)
(Paid from Educational Nonrecurring).....		
4. H. R. Kahane, Professor.....	A	6 500
5. R. P. Oliver, Associate Professor.....	A50	2 800
(See Classics)	A50	(2 800)
(Total Salary)		(5 600)
6. Angelina R. Pietrangeli, Assistant Professor.....	B'50	2 500
(See French)	B'50	(2 500)
(Total Salary)		(5 000)
7. J. S. Flores, Assistant Professor.....	B85	4 080
(See University Council on Teacher Education).....	D15	(720)
(Total Salary)		(4 800)
8. J. H. D. Allen, Assistant Professor.....	B	4 800
9. Alfredo Cantón, Assistant Professor.....	D	4 000
10. Mrs. Albertine W. Osgood, Instructor.....	D75	2 925
(See Student Counseling Bureau).....	D25	(975)
(Total Salary)		(3 900)
11. Concepción Zardoya, Visiting Instructor.....	D	3 600
12. S. L. Murphy, Instructor.....	D	3 600
13. H. P. Reeves, Instructor.....	D	3 500

¹ Includes one-half time in each department during academic year and full time in Institute in summer.

² Includes one-fourth time in Sociology and three-fourths time in Institute during academic year and full time in Institute during summer.

14. _____, Instructor	D	3 500
15. Mrs. Ruth C. Fosnaugh, Assistant.....	E	3 200
16. 16.00 Part-time Assistants.....	E	41 300
17. Nonacademic Salaries	H	2 316
<i>Total, Salaries</i>		(101 401)
<i>Expense and Equipment</i>		
Expense		1 200
Equipment		600
<i>Total, Expense and Equipment</i>		(1 800)
<i>Total, Spanish and Italian</i>		\$103 201

*Salaries and Wages***Speech**

1. K. R. Wallace, Professor and Head of Department.....	A	\$ 8 750
2. Grant Fairbanks, Professor.....	AY	10 000
3. B. W. Hewitt, Professor.....	A	7 000
4. W. M. Parrish, Professor.....	A	6 200
5. Severina E. Nelson, Professor and Director of the Speech Clinic	A80	4 800
(See University Council on Teacher Education).....	D20	(1 200)
(Total Salary)		(6 000)
6. H. O. Kubly, Associate Professor.....	A	5 500
(On leave without pay 1950-1951)		
7. E. T. Curry, Associate Professor.....	A	6 000
8. J. W. Swanson, Associate Professor and Supervisor of Dramatic Productions	A	5 500
9. Richard Murphy, Associate Professor.....	A	5 700
10. K. A. Windesheim, Associate Professor.....	A85	4 505
(See University Council on Teacher Education).....	D15	(795)
(Total Salary)		(5 300)
11. L. S. Hultzen, Associate Professor.....	A40	2 100
(See Division of General Studies).....	A60	(3 150)
(Total Salary)		(5 250)
12. C. B. Owens, Assistant Professor.....	B	4 800
13. G. J. Wischner, Assistant Professor.....	D50	2 400
(See Psychology)	D50	(2 400)
(Total Salary)		(4 800)
14. _____, Assistant Professor.....	D	4 800
15. O. A. Dieter, Assistant Professor.....	B'	4 800
16. Marie Hochmuth, Assistant Professor.....	B'	4 600
17. H. L. Mueller, Assistant Professor.....	B'50	2 200
(See University Council on Teacher Education).....	B'50	2 200
(Total Salary)		(4 400)
18. H. E. Gulley, Assistant Professor and Supervisor of Debate	B60	2 700
(See Division of General Studies).....	B40	(1 800)
(Total Salary)		(4 500)
19. Joseph Scott, Assistant Professor.....	B	4 500
20. K. W. Broadrick, Assistant Professor.....	D	4 200
21. Mrs. Marie O. Shere, Instructor and Supervisor of Or- ganic and Articulatory Disorders.....	D	3 950
22. Ida Levinson, Instructor in Speech Clinic.....	D	3 650
23. Mrs. Naomi Hunter, Instructor and Supervisor of Voice Rhythmical Disorders	D	3 608
24. Patricia McIlrath, Instructor.....	D	3 800
25. _____, Instructor and Supervisor of Children's Speech	D	3 510
26. Kenneth Burns, Instructor.....	D	3 800
27. L. W. Olson, Instructor.....	D	3 500
28. Mary H. Arbenz, Instructor.....	D	3 700
29. R. E. Nadeau, Instructor.....	D	3 800
30. _____, Instructor	D	3 800

31. Hazel Bothwell, Instructor.....	D50	1 500
(See University Council on Teacher Education).....	D50	(1 500)
(Total Salary)		(3 000)
32. ———, Assistant	E	3 000
33. Ned Donahoe, Assistant.....	E	3 200
34. Genevieve Richardson, Assistant.....	E	3 000
35. Nancy McKaig, Assistant.....	E	2 900
36. G. E. Reddick, Assistant.....	E	2 900
37. ———, Instructor	D50	1 600
(See Journalism)	D50	(1 600)
(Total Salary)		(3 200)
38. ———, Assistant	E	2 400
39. ———, Assistant	E	2 400
40. ———, Assistant	E	2 400
41. ———, Assistant	E	2 400
42. 9.00 Part-time Assistants.....	E	22 200
43. Nonacademic Salaries	H	13 980
Total, Salaries		(202 953)
Wages		1 800
Total, Salaries and Wages.....		(203 853)
Expense and Equipment		
Expense		6 100
Equipment		2 000
Total, Expense and Equipment.....		(8 100)
Total, Speech		\$211 953

Speech Revolving (Entire budget from receipts)*Expense and Equipment*

Expense	\$ 1 600
Total, Speech Revolving.....	\$ 1 600

Zoology*Salaries and Wages*

1. F. B. Adamstone, Professor and Head of Department....	A	\$ 8 500
2. C. G. Hartman, Professor of Zoology and Physiology, <i>Emeritus</i> .....		.....
(Retiring allowance payable by Retirement System)		
3. V. E. Shelford, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
4. L. A. Adams, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
5. H. J. Van Cleave, Research Professor.....	A	8 500
6. ———, Professor	A	9 000
7. R. R. Kudo, Professor.....	A	8 000
8. L. J. Thomas, Professor.....	A	6 700
(On leave with pay Semester II, 1950-1951)		
9. S. C. Kendeigh, Professor.....	A	6 700
10. S. M. Rose, Associate Professor.....	A	6 000
11. B. V. Hall, Associate Professor.....	A	5 000
12. Lester Ingle, Associate Professor.....	A	5 500
13. W. M. Luce, Associate Professor.....	A	5 300
14. H. M. Smith, Associate Professor.....	A	5 500
15. O. E. Kugler, Associate Professor.....	A	.....
(Salary under Division of General Studies)		
16. H. I. Fisher, Assistant Professor.....	B'	5 300
17. D. F. Hoffmeister, Assistant Professor.....	DY	.....
(Salary under Natural History Museum)		
18. H. H. Shoemaker, Assistant Professor.....	B	4 300
19. M. R. Matteson, Assistant Professor.....	B	4 300
20. J. B. Kitzmiller, Instructor.....	D	4 000
21. F. J. Kruidenier, Instructor.....	D	3 800
22. ———, Assistant	E	2 600
23. ———, Research Assistant.....	E	2 600

24. L. S. Miller, Assistant.....	E	2 400
25. Marion L. Birkner, Histological Technician.....	E	2 800
26. Mrs. Katharine H. Paul, Scientific Artist.....	DY	4 449
27. 12.33 Part-time Assistants.....	E	27 250
28. Nonacademic Salaries	H	15 828
<i>Total, Salaries</i>		(154 327)
Wages		2 500
<i>Total, Salaries and Wages</i>		(156 827)
<i>Expense and Equipment</i>		
Expense		19 500
Equipment		6 500
<i>Total, Expense and Equipment</i>		(26 000)
<i>Total, Zoology</i>		\$182 827

Classical Museum

<i>Salaries and Wages</i>		
1. J. L. Heller, Curator.....		.....
(Salary under Classics)		
Wages		\$ 1 000
<i>Total, Salaries and Wages</i>		(1 000)
<i>Expense and Equipment</i>		
Expense		300
Equipment		200
<i>Total, Expense and Equipment</i>		(500)
<i>Total, Classical Museum</i>		\$ 1 500

Museum of European Culture

<i>Salaries and Wages</i>		
1. Mrs. Florence Fletcher, Curator.....	D50	\$ 2 300
Wages		160
<i>Total, Salaries and Wages</i>		(2 460)
<i>Expense and Equipment</i>		
Expense		150
Equipment		450
<i>Total, Expense and Equipment</i>		(600)
<i>Total, Museum of European Culture</i>		\$ 3 060

Natural History Museum

<i>Salaries and Wages</i>		
1. D. F. Hoffmeister, Curator.....	DY	\$ 5 500
(See Zoology)		
2. Nonacademic Salaries	H50	900
<i>Total, Salaries</i>		(6 400)
Wages		1 400
<i>Total, Salaries and Wages</i>		(7 800)
<i>Expense and Equipment</i>		
Expense		3 500
Equipment		2 700
<i>Total, Expense and Equipment</i>		(6 200)
<i>Total, Natural History Museum</i>		\$ 14 000

**COLLEGE OF AGRICULTURE AND AGRICULTURAL
EXPERIMENT STATION**

	Summary		
<i>College</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$40 480	\$6 500	\$46 980
Farm and Home Week.....	.....	3 500	3 500
Vocational Agriculture.....	27 480	4 000	31 480
Agricultural Economics.....	63 100	1 250	64 350
Agricultural Engineering.....	41 124	5 000	46 124
Agronomy.....	71 320	5 125	76 445

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>College</i>			
Animal Science.....	97 625	49 500	147 125
Dairy Science.....	129 225	50 000	179 225
Food Technology.....	27 980	10 000	37 980
Forestry.....	14 500	3 400	17 900
Home Economics.....	136 470	20 000	156 470
Horticulture.....	99 326	10 500	109 826
<i>Sub-total</i>	(748 630)	(168 775)	(917 405)
Organized Activities Relating to College (self-supporting)			
Dairy Creamery.....	22 930	69 000	91 930
Home Economics Cafeteria.....	6 320	15 000	21 320
<i>Total, Self-supporting</i>	(29 250)	(84 000)	(113 250)
<i>Total, College</i>	(777 880)	(252 775)	(1 030 655)
<i>Station</i>			
Administration.....	65 830	22 500	88 330
Dixon Springs Experiment Station.....	71 617	65 500	137 117
Agricultural Economics.....	95 210	12 050	107 260
Agricultural Engineering.....	60 838	5 000	65 838
Agronomy.....	259 697	65 000	324 697
Animal Science.....	188 190	98 500	286 690
Dairy Science.....	109 695	50 000	159 695
Food Technology.....	58 360	14 000	72 360
Forestry.....	20 362	5 050	25 412
Home Economics.....	13 190	5 000	18 190
Horticulture.....	189 510	27 500	217 010
Veterinary Research.....	30 935	33 500	64 435
<i>Sub-total</i>	(1 163 434)	(403 600)	(1 567 034)
Organized Activities Relating to Station (self-supporting)			
Agricultural Research Revolving.....	.....	5 000	5 000
Farm Account Revolving.....	13 240	2 760	16 000
Central Illinois Seed Increase Revolving..	.....	5 000	5 000
Corn Testing Revolving.....	.....	500	500
Northern Illinois Experiment Field Revolving.....	.....	5 000	5 000
Soil Testing Revolving.....	500	1 300	1 800
Dairy Products Revolving.....	6 000	10 000	16 000
Official Test Revolving.....	19 265	9 450	28 706
<i>Total, Self-supporting</i>	(38 996)	(39 010)	(78 006)
Adams Fund.....	15 000	.....	15 000
Bankhead-Jones Fund.....	95 947	5 000	100 947
Hatch Fund.....	15 000	.....	15 000
Purnell Fund.....	52 000	8 000	60 000
Regional Research Fund.....	14 710	11 340	26 050
Research and Marketing Fund.....	67 000	38 873	105 873
<i>Total, Federal</i>	(259 657)	(63 213)	(322 870)
<i>Total, Station</i>	(1 462 087)	(505 823)	(1 967 910)
<i>Extension</i>			
Farm and Home Advisers.....	364 464	.....	364 464
Illinois Farmers' Institute.....	7 140	8 000	15 140
State Agricultural Extension.....	230 388	22 000	252 388
<i>Sub-total</i>	(601 992)	(30 000)	(631 992)
Additional Cooperative Fund.....	9 000	1 737	10 737
Bankhead-Flannagan Fund.....	340 142	34 806	374 948
Capper-Ketcham Fund.....	36 720	1 463	38 183
Research and Marketing Extension Fund...	3 500	1 000	4 500
Smith-Lever Fund (including Bankhead- Jones).....	409 780	121 389	531 169
<i>Total, Federal</i>	(799 142)	(160 395)	(959 537)
Extension Revolving.....	.....	18 000	18 000
<i>Total, Extension</i>	(1 401 134)	(208 395)	(1 609 529)
<i>Grand Total</i>	\$3 641 101	\$966 993	\$4 608 094

Resources for Budget

	<i>University and Federal Funds</i>	<i>Estimated Income from Sales¹</i>
<i>College</i>		
Administration.....	\$46 980	.....
Farm and Home Week.....	3 500	.....
Vocational Agriculture.....	31 480	.....
Agricultural Economics.....	64 350	.....
Agricultural Engineering.....	46 124	.....
Agronomy.....	76 445	.....
Animal Science.....	124 625	22 500
Dairy Science.....	159 225	20 000
Food Technology.....	37 980	.....
Forestry.....	17 900	.....
Home Economics.....	156 470	.....
Horticulture.....	105 826	4 000
<i>Sub-total</i>	(870 905)	(46 500)
Organized Activities Relating to College (self-supporting)		
Dairy Creamery.....	.....	91 930
Home Economics Cafeteria.....	.....	21 320
<i>Total, Self-supporting</i>.....	.....	(113 250)
<i>Total, College</i>	(870 905)	(159 750)
<i>Station</i>		
Administration.....	88 330	.....
Dixon Springs Experiment Station.....	92 117	45 000
Agricultural Economics.....	107 260	.....
Agricultural Engineering.....	65 838	.....
Agronomy.....	307 197	17 500
Animal Science.....	216 690	70 000
Dairy Science.....	139 695	20 000
Food Technology.....	72 360	.....
Forestry.....	25 412	.....
Home Economics.....	18 190	.....
Horticulture.....	213 010	4 000
Veterinary Research.....	62 435	2 000
<i>Sub-total</i>	(1 408 534)	(158 500)
Organized Activities Relating to Station (self-supporting)		
Agricultural Research Revolving.....	.....	5 000
Farm Account Revolving.....	.....	16 000
Central Illinois Seed Increase Revolving.....	.....	5 000
Corn Testing Revolving.....	.....	500
Dairy Products Revolving.....	.....	16 000
Soil Testing Revolving.....	.....	1 800
Northern Illinois Experiment Field Revolving.....	.....	5 000
Official Test Revolving.....	.....	28 706
<i>Total, Self-supporting</i>.....	.....	(78 006)
Adams Fund.....	15 000	.....
Bankhead-Jones Fund.....	100 947	.....
Hatch Fund.....	15 000	.....
Purnell Fund.....	60 000	.....
Regional Research Fund.....	26 050	.....
Research and Marketing Fund.....	105 873	.....
<i>Total, Federal</i>	(322 870)	.....
<i>Total, Station</i>	(1 731 404)	(236 506)
<i>Extension</i>		
Farm and Home Advisers.....	364 464	.....
Illinois Farmers' Institute.....	15 140	.....
State Agricultural Extension.....	252 388	.....
<i>Sub-total</i>	(631 992)	.....

¹ Expenditures may not exceed actual receipts if less than estimate.

	<i>University and Federal Funds</i>	<i>Estimated Income from Sales¹</i>
<i>Extension</i>		
Additional Cooperative Fund.....	10 737	.....
Bankhead-Flannagan Fund.....	374 948	.....
Capper-Ketcham Fund.....	38 183	.....
Research and Marketing Extension Fund.....	4 500	.....
Smith-Lever Fund (including Bankhead-Jones).....	531 169	.....
<i>Total, Federal</i>	(959 537)	.....
Extension Revolving.....	.....	18 000
<i>Total, Extension</i>	(1 591 529)	(18 000)
<i>Grand Total</i>	\$4 193 838	\$414 256

Summary Fund Statement — Appropriations

	<i>College</i>	<i>Station</i>	<i>Extension</i>	<i>Total</i>
General University Funds.....	\$870 905	\$1 408 534	\$631 992	\$2 911 431
Estimated Income from Sales Re- served for Departmental Use	46 500	158 500	.....	205 000 ²
<i>Total, Appropriations to De- partments</i>	(917 405)	(1 567 034)	(631 992)	(3 116 431)
Self-supporting Accounts.....	113 250	78 006	18 000	209 256
Federal Funds.....	.....	322 870	959 537	1 282 407
<i>Total</i>	\$1 030 655	\$1 967 910	\$1 609 529	\$4 608 094

Expendable Gift and Endowment Funds

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Instruction (Endowment Income):			
Estimated new projects and renewals.....	.....	\$ 150	\$ 150
Organized Research (Gifts):			
Estimated new projects and renewals.....	\$100 000	25 000	125 000
<i>Total</i>	(100 000)	(25 000)	(125 000)

United States Government Contracts and Indirect Costs Recovered

Organized Research:			
Estimated new projects and renewals.....	5 000	2 000	7 000
<i>Total, Trust Funds</i>	\$105 000	\$27 150	\$132 150

Note: The distribution between college (C) and station (S) from state funds in the following budgets is based upon the estimated amount of time to be devoted to each activity during the full twelve-month period and does not restrict the amount of teaching in any semester or for the year as a whole to the percentage of time shown for college.

Explanation of symbols in titles:

C = College; S = Station; E = Extension

Salaries and Wages

Administration

1. H. P. Rusk, Dean of College of Agriculture.....	C-BY ₃₄	\$ 5 000
Director of Agricultural Experiment Station.....	S-BY ₃₄	5 000
Director of Extension Service in Agriculture and Home Economics.....		.....
Professor, Cattle Husbandry.....	C-AY	.....
(See Smith-Lever Fund).....	E-BY ₃₂	(4 800)
(Total Salary).....		(14 800)
2. J. C. Blair, Dean and Professor, Horticulture, <i>Emeritus</i> (From Retiring Allowances).....		(3 662)

¹ Expenditures may not exceed actual receipts if less than estimate.

² Agricultural Income realized over estimate and reserved for the use of the College of Agriculture may be assigned, upon recommendation of the Dean of the College of Agriculture, to the department earning such income in a total amount not exceeding \$10,000 in any one fiscal year or \$1000 for any one item. If income of \$205,000 is not realized, appropriations to departments will be reduced accordingly.

3. R. R. Hudelson, Associate Dean.....	C-BY}	11 000
Professor, Agricultural Economics.....	C-AY}	
4. F. H. Rankin, Assistant Dean, <i>Emeritus</i> (From Retiring Allowances).....		(2 476)
5. J. C. Spitler, Associate Director of Extension Service in Agriculture and Home Economics, and Professor, Agricultural Extension, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
6. W. G. Kammlade, Associate Director (E); State Leader of Farm Advisers (E); Professor, Animal Science and Agricultural Extension.....	C-AY15	1 500
(See Smith-Lever Fund).....	E-BY85	(9 000)
(Total Salary).....		(10 500)
7. W. E. Carroll, Associate Director.....	S-BY}	
Professor, Animal Science.....	C-AY}	11 000
8. H. W. Bean, Assistant Dean (C).....	C-BY'26	1 800
Assistant Director (S,E).....	S-BY'37	2 600
Associate Professor, Animal Science.....	C-AY	.....
(See State Agricultural Extension).....	E-DY37	(2 600)
(Total Salary).....		(7 000)
9. C. D. Smith, Assistant Dean, with rank of Assistant Professor.....	C-BY'	6 250
10. H. W. Norton, Professor, Agricultural Statistics.....	{C-AY25	2 000
(Total Salary).....	{S-AY75	6 000
		(8 000)
11. G. C. Decker, Entomologist.....	S-AY18	1 500
(See Entomology).....	C-A	.....
(From State Natural History Survey).....	DY82	(7 000)
(Total Salary).....		(8 500)
12. Anna C. Glover, Editor of Publications, with rank of Associate Professor (S,E).....	S-A67	3 700
(See Hatch Fund).....	S-A33	(1 800)
(Total Salary).....		(5 500)
13. Hadley Read, Extension Editor and Assistant Professor, Agricultural Extension.....	{C-BY20	1 280
(See Smith-Lever Fund).....	{S-BY18	1 120
(Total Salary).....	E-BY62	(4 000)
		(6 400)
14. A. W. Janes, Assistant Editor of Publications, with rank of Assistant Professor.....	S-DY70	3 800
(See Hatch Fund).....	S-DY30	(1 600)
(Total Salary).....		(5 400)
15. Berenice A. Zander, Assistant Editor of Publications, with rank of Instructor.....	S-DY	3 750
16. Margaret P. McGlothlin, Assistant Editor of Publications, with rank of Instructor.....	S-DY50	2 100
17. Nonacademic Salaries.....	{C-H	10 650
	{S-H	23 760
Total, Nonacademic Salaries.....		(34 410)
Total, Salaries, College.....		(39 480)
Total, Salaries, Station.....		(64 330)
Total, Salaries.....		(103 810)
Wages, College.....		1 000
Wages, Station.....		1 500
Total, Wages.....		(2 500)
Total, Salaries and Wages, College.....		(40 480)
Total, Salaries and Wages, Station.....		(65 830)
Total, Salaries and Wages.....		(106 310)
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		4 000
Equipment.....		1 000
Contingent.....		1 500
Total, College.....		(6 500)

STATION	
Expense.....	19 000
Equipment.....	1 000
Contingent.....	2 500
<i>Total, Station</i>	(22 500)
<i>Total, Expense and Equipment</i>	(29 000)
<i>Total, Administration, College</i>	\$ (46 980)
<i>Total, Administration, Station</i>	\$ (88 330)
<i>Total, Administration</i>	\$135 310

Farm and Home Week*Expense and Equipment*

Expense.....	\$ 3 500
<i>Total, Farm and Home Week</i>	\$ 3 500

Agricultural Research Revolving (Entire budget from receipts)*Expense and Equipment*

Expense.....	\$ 5 000
<i>Total, Agricultural Research Revolving</i>	\$ 5 000

Vocational Agriculture*Salaries and Wages*

1. Melvin Henderson, Associate Professor.....	C-AY	\$ 7 000
2. H. J. Rucker, Assistant Professor.....	C-BY	5 500
3. W. H. Witt, Assistant Professor.....	C-BY	5 500
4. W. D. Buddemeier, Assistant Professor, Farm Management.....	C-BY'50	2 750
(See Agricultural Economics, Item 25).....	C-BY'50	(2 750)
<i>(Total Salary)</i>		(5 500)
5. J. W. Matthews, Instructor.....	C-DY65	3 400
(See Agricultural Engineering, Item 17).....	C-DY35	(1 800)
<i>(Total Salary)</i>		(5 200)
6. Nonacademic Salaries.....	C-H	3 030
<i>Total, Salaries</i>		(27 180)
Wages.....		300
<i>Total, Salaries and Wages</i>		(27 480)

Expense and Equipment

Expense.....	4 000
<i>Total, Vocational Agriculture</i>	\$ 31 480

Dixon Springs Experiment Station*Salaries and Wages*

1. R. J. Webb, Superintendent; Associate Professor, Agricultural Extension and Agricultural Research....	S-AY66	\$ 4 950 ¹
(See Bankhead-Jones Fund).....	S-AY24	(1 800)
(See State Agricultural Extension).....	E-AY10	(750)
<i>(Total Salary)</i>		(7 500) ¹
2. W. R. Boggess, Associate Professor, Forestry.....	S-AY33	2 030 ¹
(See Forestry, Item 3).....	S-AY67	(4 070)
<i>(Total Salary)</i>		(6 100) ¹
3. M. E. Mansfield, Assistant Professor.....	S-BY'15	900
(See Veterinary Research)		
4. J. M. Lewis, First Assistant, Agricultural Research; Assistant Superintendent.....	S-BY	5 000 ¹
5. G. E. McKibben, First Assistant, Agricultural Research and Agricultural Extension.....	S-BY75	3 930 ²
(See State Agricultural Extension).....	E-BY25	(1 320)
<i>(Total Salary)</i>		(5 250) ²
6. L. E. Gard, First Assistant, Agricultural Research.....	S-DY	4 750 ¹

¹ Also furnished perquisites, valued at \$300, for the convenience of the employee.² Also furnished perquisites, valued at \$120, for the convenience of the employee.

7. G. F. Cmarik, Assistant, Agricultural Research.....	S-DY	4 250
8. H. A. Cate, Assistant, Agricultural Research and Agricultural Extension.....	S-DY25	1 060
(See State Agricultural Extension).....	E-DY75	(3 190)
(Total Salary).....		(4 250)
9. Nonacademic Salaries.....	S-H	38 247
<i>Total, Salaries</i>		(65 117)
Wages.....		6 500
<i>Total, Salaries and Wages</i>		(71 617)
<i>Expense and Equipment</i>		
Expense.....		50 000
Equipment.....		15 500
<i>Total, Expense and Equipment</i>		(65 500)
<i>Total, Dixon Springs Experiment Station</i>		\$137 117

*Salaries and Wages***Agricultural Economics**

1. H. C. M. Case, Professor and Head of Department....	{ C-A50 S-AY50	\$ 4 500 5 500
(Total Salary).....		(10 000)
2. R. R. Hudelson, Professor.....		.....
(Salary under Administration)		.....
3. J. W. Lloyd, Professor, Fruit and Vegetable Marketing, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		.....
4. C. L. Stewart, Professor.....	{ C-AY65 S-AY35	5 200 2 800
(Total Salary).....		(8 000)
5. L. J. Norton, Professor.....	{ C-AY50 S-AY50	4 750 4 750
(See Agronomy).....		.....
(Total Salary).....		(9 500)
6. R. C. Ashby, Professor, Livestock Marketing, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		.....
7. M. L. Mosher, Professor, Farm Management, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		.....
8. E. J. Working, Professor.....	{ C-A60 S-A15 S-A25	4 440 1 110 (1 850)
(See Purnell Fund).....		(7 400)
(Total Salary).....		.....
9. P. E. Johnston, Professor.....	{ C-A67 S-A33	4 800 2 400
(Total Salary).....		(7 200)
10. G. L. Jordan, Professor.....	{ C-A35 S-A65	2 520 4 680
(Total Salary).....		(7 200)
11. R. C. Ross, Professor.....	{ C-A50 S-AY50	3 240 3 960
(Total Salary).....		(7 200)
12. R. W. Bartlett, Professor.....	{ C-AY20 S-AY80	1 500 6 000
(See Dairy Science).....		.....
(Total Salary).....		(7 500)
13. D. E. Lindstrom, Professor, Rural Sociology.....	{ C-A50 S-AY50	3 150 3 850
(See Sociology and Anthropology).....		.....
(Total Salary).....		(7 000)
14. J. B. Andrews, Professor, Farm Management		
(From Trust-Farm Management).....	S-AY50	(3 700)
(See State Agricultural Extension).....	E-AY50	(3 700)
(Total Salary).....		(7 400)
15. H. W. Hannah, Professor, Agricultural Law.....	{ C-A50 S-A50	3 300 3 300
(Total Salary).....		(6 600)

16. R. H. Wilcox, Associate Professor, Farm Management..	S-AY48	3 100
(See Purnell Fund).....	S-AY52	(3 300)
(Total Salary).....		(6 400)
17. J. B. Cunningham, Associate Professor, Farm Management		
(See Smith-Lever Fund).....	E-AY	(6 400)
18. J. E. Wills, Associate Professor, Farm Management....	{C-AY20	1 440
(See State Agricultural Extension).....	S-AY48	3 460
(Total Salary).....	E-AY32	(2 300)
19. E. H. Regnier, Associate Professor, Rural Sociology....	C-AY26	1 800
(See Smith-Lever Fund).....	E-AY74	(5 200)
(Total Salary).....		(7 000)
(On leave with one-half pay July 1, 1950, to June 30, 1951)		
20. L. F. Stice, Associate Professor, Marketing		
(See State Agricultural Extension).....	E-AY44	(3 000)
(See Smith-Lever Fund).....	E-AY30	(2 000)
(See Research and Marketing Extension Fund)....	E-AY26	(1 750)
(Total Salary).....		(6 750)
21. L. H. Simerl, Associate Professor		
(See Bankhead-Flannagan Fund).....	E-AY	(6 750)
22. R. J. Mutti, Assistant Professor, Agricultural Marketing	{C-B'50	2 520
(Total Salary).....	S-BY'50	3 080
		(5 600)
23. R. A. Kelly, Assistant Professor, Fruit and Vegetable Marketing.....	C-B'25	1 200
(See Regional Research Fund).....	S-BY'75	(4 400)
(Total Salary).....		(5 600)
24. F. J. Reiss, Assistant Professor, Farm Management....	S-BY'42	2 300
(On leave without pay 58% time; paid \$3,150 by United States Department of Agriculture)		
25. W. D. Buddemeier, Assistant Professor, Farm Management		
(See Vocational Agriculture).....	C-BY'50	2 750
(Total Salary).....	C-BY'50	(2 750)
		(5 500)
26. A. T. Anderson, Assistant Professor		
(See State Agricultural Extension).....	E-BY	(6 200)
27. A. B. Paul, Assistant Professor, Food Industry.....		.....
(Salary under Food Technology)		
28. F. A. Stewart, Assistant Professor, Farm Management		
(From TVA Farm Account Studies).....	S-BY	(5 000)
29. W. J. Wills, Assistant Professor, Livestock Marketing...	{C-BY'20	1 020
(See Research and Marketing Fund).....	S-BY'60	3 060
(Total Salary).....	S-BY'20	(1 020)
		(5 100)
30. G. B. Whitman, Assistant Professor, Farm Management		
(See State Agricultural Extension).....	E-BY'	(6 000)
31. T. A. Hieronymus, Assistant Professor, Farm Management		
(Total Salary).....	{C-B'50	2 360
	S-BY'50	2 890
		(5 250)
32. W. N. Thompson, Assistant Professor, Farm Management		
(Total Salary).....	{C-B'50	2 250
	S-BY'50	2 750
		(5 000)
33. C. L. Folse, Assistant Professor, Rural Sociology and Lecturer, Sociology.....	{C-DY22	1 130
(Total Salary).....	S-DY78	4 170
		(5 300)
34. M. W. Madison, Assistant Professor, Farm Management		
(See Bankhead-Jones Fund).....	S-DY32	(1 750)
(See Smith-Lever Fund).....	E-DY68	(3 750)
(Total Salary).....		(5 500)
35. A. C. Ruwe, First Assistant, Farm Management.....	S-DY16	700
(See Purnell Fund).....	S-DY84	(3 700)
(Total Salary).....		(4 400)

36. E. E. Broadbent, First Assistant and Instructor, Agricultural Marketing (See Research and Marketing Fund).....	S-DY28	(1 500)
(See State Agricultural Extension).....	E-DY38	(2 000)
(See Research and Marketing Extension Fund)....	E-DY34	(1 750)
(Total Salary).....		(5 250)
37. N. G. P. Krausz, First Assistant, Agricultural Law....	S-DY50	2 400
(See Institute of Government and Public Affairs)...	S-DY50	(2 400)
(Total Salary).....		(4 800)
38. J. K. Van Slyke, Instructor, Rural Sociology (See Bankhead-Flannagan Fund).....	E-DY	(4 250)
39. A. G. Mueller, Assistant, Farm Management.....	S-DY11	450
(See Bankhead-Jones Fund).....	S-DY89	(3 750)
(Total Salary).....		(4 200)
40. V. I. West, Assistant.....	S-DY50	2 350
(See Research and Marketing Fund).....	S-DY50	(2 350)
(Total Salary).....		(4 700)
41. _____, Assistant, Rural Sociology (See Smith-Lever Fund).....	E-DY	(3 500)
42. _____, Assistant, Farm Management.....	S-DY	4 000
43. 2.75 Part-time Assistants.....	C-E	7 580
1.00 Part-time Assistants.....	S-DY	2 920
(Total Part-time Assistants).....		(10 500)
44. Nonacademic Salaries.....	{C-H	1 650
	{S-H	15 630
Total, Nonacademic Salaries.....		(17 280)
Total, Salaries, College.....		(63 100)
Total, Salaries, Station.....		(91 610)
Total, Salaries.....		(154 710)
Wages, Station.....		3 600
Total, Salaries and Wages, College.....		(63 100)
Total, Salaries and Wages, Station.....		(95 210)
Total, Salaries and Wages.....		(158 310)
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		1 250
STATION		
Expense.....		11 050
Equipment.....		1 000
Total, Station.....		(12 050)
Total, Expense and Equipment.....		(13 300)
Total, Agricultural Economics, College.....		\$ (64 350)
Total, Agricultural Economics, Station.....		\$ (107 260)
Total, Agricultural Economics.....		\$ 171 610
Farm Account Revolving (Entire budget from receipts)		
<i>Salaries and Wages</i>		
1. Nonacademic Salaries.....	H	\$ 5 700
Wages.....		7 540
Total, Salaries and Wages.....		(13 240)
<i>Expense and Equipment</i>		
Expense.....		2 760
Total, Farm Account Revolving.....		\$ 16 000
Agricultural Engineering		
<i>Salaries and Wages</i>		
1. E. W. Lehmann, Professor and Head of Department...	{C-A50	\$ 4 275
(Total Salary).....	{S-AY50	5 225
		(9 500)
2. R. I. Shawl, Professor, Farm Machinery.....	C-A	6 700
3. D. G. Carter, Professor, Farm Structures.....	{C-AY30	2 850
(Total Salary).....	{S-AY70	6 650
		(9 500)

4. A. L. Young, Associate Professor, Farm Power.....	C-A	5 500
5. R. C. Hay, Associate Professor, Soil Conservation and Executive Secretary, State Soil Conservation Dis- tricts Board.....	{ C-AY20 S-AY80	1 400 5 600 (7 000)
(Total Salary).....		
(On leave with pay for six months from January 1, 1951)		
6. K. H. Hinchcliff, Associate Professor, Farm Structures (See Smith-Lever Fund).....	E-AY25	(1 830)
(Also paid \$5,670 by United States Department of Agriculture)		
7. G. E. Pickard, Associate Professor.....	{ C-D50 S-DY50	3 015 3 685 (6 700)
(Total Salary).....		
8. F. W. Andrew, Assistant Professor (See State Agricultural Extension).....	E-BY	(5 200)
9. H. P. Bateman, Associate (See Bankhead-Jones Fund).....	S-DY	(4 200)
10. J. H. Ramser, Associate.....	{ C-DY20 S-DY80	900 3 600 (4 500)
(Total Salary).....		
11. J. A. Weber, First Assistant.....	S-DY47	2 150
(See Bankhead-Jones Fund).....	S-DY53	(2 450)
(Total Salary).....		(4 600)
(On disability leave without pay until further notice)		
12. B. F. Muirheid, Instructor (See Smith-Lever Fund).....	E-DY	(4 800)
13. W. F. Lytle, Instructor.....	{ C-DY20 S-DY80	840 3 360 (4 200)
(Total Salary).....		
14. J. O. Curtis, Instructor.....	{ C-DY40 S-DY60	1 840 2 760 (4 600)
(Total Salary).....		
15. A. R. Ayers, Instructor (See Smith-Lever Fund).....	E-DY	(4 600)
16. R. W. Whitaker, Instructor, Farm Structures.....	{ C-DY25 S-DY25	1 150 1 150
(From Trust—Aluminum Company of America, Farm Structures).....	S-DY50	(2 300)
(Total Salary).....		(4 600)
17. J. W. Matthews, Instructor.....	C-DY35	1 800
(See Vocational Agriculture).....	C-DY65	(3 400)
(Total Salary).....		(5 200)
18. ———, First Assistant, Farm Structures (See Bankhead-Flannagan Fund).....	E-BY	(4 800)
19. R. W. Mowery, Assistant.....	{ C-DY40 S-DY60	1 680 2 520 (4 200)
(Total Salary).....		
20. M. W. Forth, Assistant.....	S-DY50	2 100
(From Trust—Public Service Company of Northern Illinois).....	S-DY50	(2 100)
(Total Salary).....		(4 200)
21. ———, Assistant (See Research and Marketing Fund).....	S-DY50	(1 900)
(See Regional Research Fund).....	S-DY50	(1 900)
(Total Salary).....		(3 800)
22. .50 Part-time Assistants.....	S-DY	1 500
23. Nonacademic Salaries.....	{ C-H S-H	7 674 19 038 (26 712)
Total, Nonacademic Salaries.....		(39 624)
Total, Salaries, College.....		(59 338)
Total, Salaries, Station.....		(98 962)

Wages, College.....	1 500
Wages, Station.....	1 500
<i>Total, Wages</i>	(3 000)
<i>Total, Salaries and Wages, College</i>	(41 124)
<i>Total, Salaries and Wages, Station</i>	(60 838)
<i>Total, Salaries and Wages</i>	(101 962)
<i>Expense and Equipment</i>	
COLLEGE	
Expense.....	4 000
Equipment.....	1 000
<i>Total, College</i>	(5 000)
STATION	
Expense.....	4 000
Equipment.....	1 000
<i>Total, Station</i>	(5 000)
<i>Total, Expense and Equipment</i>	(10 000)
<i>Total, Agricultural Engineering, College</i>	\$ (46 124)
<i>Total, Agricultural Engineering, Station</i>	\$ (65 838)
<i>Total, Agricultural Engineering</i>	\$111 962

<i>Salaries and Wages</i>		Agronomy	
1. W. L. Burlison, Professor, Crop Production, and Head of Department.....	{ C-A50 S-AY50	\$ 4 725 5 775	(10 500)
<i>(Total Salary)</i>			(453)
2. C. F. Hottes, Consulting Plant Physiologist, <i>Emeritus</i> ..			(2 254)
<i>(See Botany)</i>			(2 707)
<i>(Total from Retiring Allowances)</i>			
3. F. C. Bauer, Professor, Soil Fertility.....	{ C-AY20 S-AY80	1 900 7 600	(9 500)
<i>(Total Salary)</i>			
4. J. C. Hackleman, Professor, Crop Extension			
<i>(See Smith-Lever Fund)</i>	E-AY		(8 000)
5. E. E. De Turk, Professor, Soil Fertility.....			
<i>(On leave without pay until further notice; disability benefits payable by Retirement System)</i>			
6. R. S. Smith, Professor, Soil Physics, <i>Emeritus</i>			
<i>(Retiring allowance payable by Retirement System)</i>			
7. C. M. Woodworth, Professor, Plant Genetics.....	{ C-AY33 S-AY67	3 000 6 000	(9 000)
<i>(Total Salary)</i>			
8. G. H. Dungan, Professor, Crop Production.....	{ C-AY55 S-AY45	4 400 3 600	(8 000)
<i>(Total Salary)</i>			
9. L. J. Norton, Professor, Agricultural Economics.....			
<i>(Salary under Agricultural Economics)</i>			
10. Benjamin Koehler, Professor, Crop Pathology.....	{ C-AY20 S-AY80	1 550 6 200	(7 750)
<i>(Total Salary)</i>			
11. O. H. Sears, Professor, Soil Biology.....	{ C-AY50 S-AY50	3 675 3 675	(7 350)
<i>(Total Salary)</i>			
12. D. C. Wimer, Professor, Soil Physics.....	C-A	6 600	
13. R. H. Bray, Professor, Soil Fertility.....	{ C-AY20 S-AY80	1 600 6 400	(8 000)
<i>(Total Salary)</i>			
14. O. T. Bonnett, Professor, Plant Genetics.....	{ C-AY25 S-AY75	1 950 5 850	(7 800)
<i>(Total Salary)</i>			
15. J. E. Giesecking, Professor, Soil Physics.....	{ C-AY20 S-AY80	1 500 6 000	(7 500)
<i>(Total Salary)</i>			

16. R. W. Jugenheimer, Professor, Plant Genetics.....	{C-AY25 S-AY75	1 925 5 775 (7 700)
(Total Salary).....		
(On leave without pay from June 10 through November 9, 1950)		
17. A. L. Lang, Professor, Soil Fertility.....	S-AY	7 700
18. C. M. Linsley, Professor, Soils (See Smith-Lever Fund).....	E-AY	(8 000)
19. R. F. Fuelleman, Professor, Crop Production.....	{C-AY25 S-AY75	1 940 5 810 (7 750)
(Total Salary).....		
20. E. H. Tyner, Professor, Soil Fertility.....	{C-A80 S-AY20	4 800 1 600 (6 400)
(Total Salary).....		
21. E. D. Walker, Extension Soil Conservationist; Associate Professor (See Smith-Lever Fund).....	E-AY	(6 300)
(On leave with pay from March 1 to August 31, 1951)		
22. L. T. Kurtz, Associate Professor, Soil Fertility.....	{C-AY33 S-AY67	2 330 4 670 (7 000)
(Total Salary).....		
23. S. W. Melsted, Associate Professor, Soil Fertility.....	{C-AY20 S-AY80	1 300 5 200 (6 500)
(Total Salary).....		
24. R. T. Odell, Associate Professor, Soil Physics.....	{C-AY20 S-AY80	1 550 6 200 (7 750)
(Total Salary).....		
25. E. B. Earley, Associate Professor, Soil Fertility.....	{C-AY20 S-AY80	1 300 5 200 (6 500)
(Total Salary).....		
26. R. S. Stauffer, Associate Professor, Soil Physics.....	{C-AY33 S-AY67	2 020 4 100 (6 120)
(Total Salary).....		
27. W. M. Bever, Associate Professor, Crop Pathology.....	C-A20	1 005
(Also paid \$5,483 by United States Department of Agriculture)		
28. H. J. Snider, Assistant Professor, Soil Fertility.....	S-BY'	5 400
29. H. L. Wascher, Assistant Professor, Soil Physics.....	S-BY	5 800
30. L. B. Miller, Assistant Professor, Soil Fertility.....	S-BY'	5 400
31. C. H. Farnham, Assistant Professor, Crop Production and Soil Fertility.....	S-BY'	5 700
32. A. U. Thor, Assistant Professor, Soil Extension (See State Agricultural Extension).....	E-BY'	(5 600)
33. R. O. Weibel, Assistant Professor, Crop Production and Plant Genetics (See Bankhead-Jones Fund).....	S-BY'	(5 900)
34. W. F. Purnell, Assistant Extension Soil Conservationist; Assistant Professor (See State Agricultural Extension).....	E-BY'56	(3 150)
(From State Soil Conservation Districts Board)....	E-BY'44	(2 450)
(Total Salary).....		(5 600)
35. Alfred Tate, Assistant Extension Soil Conservationist; Assistant Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
36. W. O. Scott, Assistant Professor, Crop Extension (See Bankhead-Flannagan Fund).....	E-BY'	(5 400)
37. J. B. Fehrenbacher, Assistant Professor, Soil Physics (See Bankhead-Jones Fund).....	S-BY'	(5 350)
38. P. T. Veale, Assistant Professor, Soil Physics.....	S-BY'	5 350
39. P. E. Johnson, Assistant Professor, Soil Fertility.....	S-BY'	5 300
40. E. R. Leng, Assistant Professor, Plant Genetics.....	{C-BY'20 S-BY'80	1 100 4 400 (5 500)
(Total Salary).....		

41. J. W. Gerdemann, Assistant Professor, Crop Pathology..	{C-DY ²⁰ S-DY ⁸⁰	1 000 4 000 (5 000)
(Total Salary).....		
42. ———, Assistant Professor, Soil Physics.....	{C-DY ¹⁸ S-DY ³⁰	950 1 550 (2 700)
(See Bankhead-Jones Fund).....	S-DY ⁵²	(5 200)
(Total Salary).....		
43. C. J. Badger, Associate, Soil Fertility.....	S-DY	4 750
44. W. E. Kennedy, Instructor, Crop Production.....	C-D	3 800
45. F. W. Slife, Instructor and First Assistant, Crop Pro- duction.....	{C-DY ⁴⁰ S-DY ⁶⁰	1 800 2 700 (4 500)
(Total Salary).....		
46. J. C. Anderson, First Assistant, Soil Fertility, <i>Emeritus</i>..		.....
(Retiring allowance payable by Retirement System)		
47. M. M. Mortland, First Assistant, Soil Physics.....	S-DY	4 000
48. J. W. Pendleton, First Assistant, Crop Production.....	S-DY ⁶³	2 690
(See Hatch Fund).....	S-DY ³⁷	(1 560)
(Total Salary).....		(4 250)
49. D. L. Lynch, Instructor and First Assistant, Soil Biology	{C-DY ²⁵ S-DY ³⁰	1 000 1 200 (1 800)
(See Hatch Fund).....	S-DY ⁴⁵	(4 000)
(Total Salary).....		
50. J. D. Alexander, Assistant, Soil Physics.....	S-DY	3 900
51. D. A. Vinson, Assistant, Soil Fertility.....	S-DY	4 000
52. B. W. Ray, Assistant, Soil Physics		
(See Bankhead-Jones Fund).....	S-DY	(4 000)
53. R. H. Rust, Assistant, Soil Physics		
(See Research and Marketing Fund).....	S-DY	(3 800)
54. J. H. Griffin, Assistant, Soil Fertility.....	S-DY	3 800
55. J. C. Lyons, Assistant, Soil Fertility.....	S-DY	3 700
56. D. L. Mulvaney, Assistant, Soil Fertility.....	S-DY	3 400
57. H. L. Breland, Assistant, Soil Fertility.....	S-DY	3 600
58. ———, Assistant, Soil Physics.....	S-DY	3 600
59. 1.50 Part-time Assistants.....	C-E	4 000
1.00 Part-time Assistants.....	S-DY	3 700
(Total, Part-time Assistants).....		(7 700)
60. Nonacademic Salaries.....	{C-H S-H	6 600 64 402 (71 002)
Total, Nonacademic Salaries.....		
Total, Salaries, College.....		(69 320)
Total, Salaries, Station.....		(249 697)
Total, Salaries.....		(319 017)
Wages, College.....		2 000
Wages, Station.....		10 000
Total, Wages.....		(12 000)
Total, Salaries and Wages, College.....		(71 320)
Total, Salaries and Wages, Station.....		(259 697)
Total, Salaries and Wages.....		(331 017)
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		4 325
Equipment.....		800
Total, College.....		(5 125)
STATION		
Expense.....		60 000
Equipment.....		5 000
Total, Station.....		(65 000)
Total, Expense and Equipment.....		(70 125)
Total, Agronomy, College.....		\$ (76 445)
Total, Agronomy, Station.....		\$ (324 697)
Total, Agronomy.....		\$ 401 142

Cooperative Investigations*Salaries and Wages*

ILLINOIS COAL STRIP-MINE AREAS

1. A. F. Grandt, Special Research First Assistant, Soil Fertility..... DY \$ 4 000

DIVIDED POSITION

2. Mrs. Joan A. Rheumer, Special Research Assistant, Soil Fertility..... DY 3 000
(50% Funk Brothers Seed Metabolism; 50% International Minerals and Chemical Corporation Corn)

Corn Testing Revolving (Entire budget from receipts)*Expense and Equipment*

Expense.....	\$ 500
<i>Total, Corn Testing Revolving.....</i>	<i>\$ 500</i>

Soil Testing Revolving (Entire budget from receipts)*Salaries and Wages*

Wages.....	\$ 500
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Expense and Equipment

Expense.....	1 300
<i>Total, Soil Testing Revolving.....</i>	<i>\$ 1 800</i>

Central Illinois Seed Increase Revolving (Entire budget from receipts)*Expense and Equipment*

Expense.....	\$ 5 000
<i>Total, Central Illinois Seed Increase Revolving.....</i>	<i>\$ 5 000</i>

Northern Illinois Experimental Field Revolving (Entire budget from receipts)*Expense and Equipment*

Expense.....	\$ 5 000
<i>Total, Northern Illinois Experimental Field Revolving.....</i>	<i>\$ 5 000</i>

Animal Science*Salaries and Wages*

1. L. E. Card, Professor and Head of Department..... {C-A50 \$ 4 380
S-AY50 5 370
(Total Salary)..... (9 750)
2. H. P. Rusk, Professor, Cattle Husbandry.....
(Salary under Administration).....
3. H. S. Grindley, Professor, Animal Nutrition, *Emeritus*
(From Retiring Allowances)..... (2 000)
4. J. L. Edmonds, Professor, Horse Husbandry..... {C-A75 5 190
S-AY25 2 310
(Total Salary)..... (7 500)
5. W. E. Carroll, Professor.....
(Salary under Administration).....
6. H. H. Mitchell, Professor, Animal Nutrition..... {C-AY25 2 625
S-AY60 6 300
(See Adams Fund)..... S-AY15 (1 575)
(Total Salary)..... (10 500)
7. Elmer Roberts, Professor, Animal Genetics..... {C-AY33 2 700
S-AY43 3 500
(See Adams Fund)..... S-AY24 (2 000)
(Total Salary)..... (8 200)
8. Sleeter Bull, Professor, Meats..... {C-AY40 3 200
S-AY38 3 000
(See Purnell Fund)..... S-AY22 (1 800)
(Total Salary)..... (8 000)
9. W. G. Kammlade, Professor.....
(Salary under Administration).....

10. R. R. Snapp, Professor.....	{C-AY ⁴⁰ S-AY ⁶⁰	3 280 4 920 (8 200)
(Total Salary).....		
11. T. S. Hamilton, Professor, Animal Nutrition.....	{C-AY ⁴⁰ S-AY ⁴⁸	3 800 4 560 (1 140)
(See Adams Fund).....	S-AY ¹²	(9 500)
(Total Salary).....		
12. E. T. Robbins, Professor, Animal Husbandry, <i>Emeritus</i> ..		
(Retiring allowance payable by Retirement System)		
13. H. G. Russell, Professor.....		
(See Smith-Lever Fund).....	E-AY	(7 800)
14. H. M. Scott, Professor.....	{C-AY ⁴⁰ S-AY ⁶⁰	3 400 5 100 (8 500)
(Total Salary).....		
15. B. C. Johnson, Associate Professor, Animal Nutrition..	{C-AY ²⁰ S-AY ⁸⁰	1 360 5 440 (6 800)
(Total Salary).....		
16. A. V. Nalbandov, Associate Professor, Animal Physi- ology.....	{C-AY ²⁰ S-AY ⁸⁰	1 360 5 440 (6 800)
(Total Salary).....		
17. R. M. Forbes, Associate Professor, Animal Nutrition...	{C-BY ^{'30} S-BY ^{'22}	1 840 1 360 (3 000)
(See Bankhead-Jones Fund).....	S-BY ^{'48}	(6 200)
(Total Salary).....		
18. A. L. Neumann, Associate Professor.....	{C-BY ⁴⁰ S-BY ⁶⁰	2 500 3 700 (6 200)
(Total Salary).....		
(Effective July 1, 1950)		
19. H. W. Bean, Associate Professor.....		
(Salary under Administration)		
20. C. W. Crawford, Assistant Professor, Horse Husbandry..	{C-BY ⁵⁰ S-BY ⁵⁰	2 750 2 750 (5 500)
(Total Salary).....		
21. S. F. Ridlen, Assistant Professor, Poultry Extension		
(See Smith-Lever Fund).....	E-BY	(5 750)
22. Marian F. James, Assistant Professor.....	S-BY [']	5 000
23. R. F. Nystrom, Assistant Professor, Chemistry.....		
(Salary under Special Graduate Fund)		
24. S. W. Terrill, Assistant Professor.....	{C-BY ^{'40} S-BY ^{'60}	2 200 3 300 (5 500)
(Total Salary).....		
25. U. S. Garrigus, Assistant Professor.....	{C-BY ^{'40} S-BY ^{'60}	2 400 3 600 (6 000)
(Total Salary).....		
26. G. R. Carlisle, Assistant Professor.....		
(See Smith-Lever Fund).....	E-DY	(5 750)
27. K. M. Mann, Assistant Professor, Animal Nutrition....		
(Salary under Special Graduate Fund)		
28. ———, Assistant Professor.....	{C-DY ⁵⁰ S-DY ⁵⁰	2 500 2 500 (5 000)
(Total Salary).....		
29. W. H. Hale, Instructor.....	{C-DY ⁴⁰ S-DY ⁶⁰	1 800 2 700 (4 500)
(Total Salary).....		
30. M. Helen Keith, First Assistant, Animal Nutrition, <i>Emerita</i>		
(From Retiring Allowances).....		(879)
31. Marjorie Edman, Instructor, Animal Nutrition.....	S-DY	4 100
32. R. C. Eaton, Instructor.....	{C-DY ³⁴ S-DY ⁴¹	1 500 1 800 (3 300)
(Total Salary).....		
33. Y. H. Loo, Biochemist and First Assistant, Animal Nu- trition.....		
(Salary under Graduate College)		

34. Jessie R. Beadles, Assistant, Animal Nutrition	S-DY59	2 060
(See Adams Fund)	S-DY41	(1 440)
(Total Salary)		(3 500)
35. W. T. Haines, Assistant, Animal Nutrition	S-DY58	2 800
(See Bankhead-Jones Fund)	S-DY42	(2 000)
(Total Salary)		(4 800)
36. ———, Assistant (See Bankhead-Jones Fund)	S-DY	(3 400)
37. Mrs. Lucile Dekker-van Ghyl, Assistant, Animal Nutrition	S-DY	3 200
38. Mrs. Eva M. Cohn, Assistant, Animal Nutrition	S-DY	3 200
39. Mrs. Estelle Atkin, Assistant, Animal Nutrition (See Research and Marketing Fund)	S-DY	(3 200)
40. Mrs. Janet L. Page, Assistant, Animal Nutrition (See Research and Marketing Fund)	S-DY	(3 200)
41. ———, Assistant, Animal Nutrition (See Research and Marketing Fund)	S-DY53	(1 700)
(From VioBin Wheat Germ Oil)	S-DY47	(1 500)
(Total Salary)		(3 200)
42. 2.50 Part-time Assistants	C-E	6 710
4.00 Part-time Assistants	S-DY	10 990
(Total Part-time Assistants)		(17 700)
43. Nonacademic Salaries	{ C-H S-H	83 130
<i>Total, Nonacademic Salaries</i>		(121 320)
<i>Total, Salaries, College</i>		(93 625)
<i>Total, Salaries, Station</i>		(182 190)
<i>Total, Salaries</i>		(275 815)
Wages, College		4 000
Wages, Station		6 000
<i>Total, Wages</i>		(10 000)
<i>Total, Salaries and Wages, College</i>		(97 625)
<i>Total, Salaries and Wages, Station</i>		(188 190)
<i>Total, Salaries and Wages</i>		(285 815)
<i>Expense and Equipment</i>		
COLLEGE		
Expense		45 000
Equipment		4 000
Contingent		500
<i>Total, College</i>		(49 500)
STATION		
Expense		91 000
Equipment		6 000
Contingent		1 500
<i>Total, Station</i>		(98 500)
<i>Total, Expense and Equipment</i>		(148 000)
<i>Total, Animal Science, College</i>		\$(147 125)
<i>Total, Animal Science, Station</i>		\$(286 690)
<i>Total, Animal Science</i>		\$ 433 815

*Salaries and Wages***Dairy Science**

1. G. W. Salisbury, Professor and Head of Department	{ C-A50 S-AY50	\$ 4 500
(Total Salary)		5 500
2. H. A. Ruehe, Professor	{ C-A50 S-AY50	3 430
(Total Salary)		4 570
3. W. L. Gaines, Professor, <i>Emeritus</i>		(8 000)
(Retiring allowance payable by Retirement System)		
4. M. J. Prucha, Professor, <i>Emeritus</i>		
(Retiring allowance payable by Retirement System)		

5. W. W. Yapp, Professor, Dairy Cattle Breeding.....	{C-A50 S-AY50	3 690 4 510 (8 200)
(Total Salary).....		
6. C. S. Rhode, Professor (See Smith-Lever Fund).....	E-AY	(8 000)
7. W. B. Nevens, Professor, Dairy Cattle Feeding.....	{C-A25 S-A60	2 050 4 950 (1 200) (8 200)
(See Hatch Fund).....	S-AY15	
(Total Salary).....		
8. R. W. Bartlett, Professor, Agricultural Economics.....		.....
(Salary under Agricultural Economics)		
9. J. G. Cash, Associate Professor (See Smith-Lever Fund).....	E-AY	(6 700)
10. K. E. Gardner, Associate Professor, Dairy Production..	{C-AY40 S-AY60	2 560 3 840 (6 400)
(Total Salary).....		
11. ———, Associate Professor, Dairy Chemistry..	{C-DY20 S-DY80	1 240 4 960 (6 200)
(Total Salary).....		
12. W. O. Nelson, Assistant Professor, Dairy Bacteriology..	{C-BY'60 S-BY'40	3 360 2 240 (5 600)
(Total Salary).....		
13. K. E. Harshbarger, Assistant Professor, Dairy Production.....	{C-BY60 S-BY40	3 300 2 200 (5 500)
(Total Salary).....		
14. E. E. Ormiston, Assistant Professor, Dairy Production..	{C-BY'75 S-BY'25	4 125 1 375 (5 500)
(Total Salary).....		
15. M. H. Alexander, Assistant Professor, Dairy Production	{C-BY'50 S-BY'50	2 650 2 650 (5 300)
(Total Salary).....		
16. K. A. Kendall, Assistant Professor, Dairy Production..	{C-BY'40 S-BY'60	2 160 3 240 (5 400)
(Total Salary).....		
17. ———, Assistant Professor, Dairy Chemistry..	{C-BY'50 S-BY'50	2 650 2 650 (5 300)
(Total Salary).....		
18. N. L. VanDemark, Assistant Professor, Dairy Cattle Physiology.....	{C-BY'25 S-BY'75	1 500 4 500 (6 000)
(Total Salary).....		
19. R. W. Touchberry, Assistant Professor, Dairy Cattle Genetics.....	{C-BY'20 S-BY'30	1 040 1 660 (2 700)
(Total Salary).....		
(Also paid \$2,500 by United States Department of Agriculture)		
20. W. A. Wood, Assistant Professor, Dairy Bacteriology..	{C-BY'50 S-BY'50	2 600 2 600 (5 200)
(Total Salary).....		
21. R. L. Hays, Assistant Professor, Dairy Cattle Physiology	{C-DY20 S-DY80	1 000 4 000 (5 000)
(Total Salary).....		
22. S. G. Menefee, Associate, Dairy Chemistry.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
23. L. R. Fryman, Instructor (See Smith-Lever Fund).....	E-DY	(4 600)
24. ———, Instructor, Dairy Production.....	{C-DY50 S-DY50	2 375 2 375 (4 750)
(Total Salary).....		
25. 3.50 Part-time Assistants.....	C-E	8 400
4.00 Part-time Assistants.....	S-DY	12 000
(Total, Part-time Assistants).....		(20 400)

26. Nonacademic Salaries.....	{ C-H	71 595
	{ S-H	34 875
<i>Total, Nonacademic Salaries.....</i>		(106 470)
<i>Total, Salaries, College.....</i>		(124 225)
<i>Total, Salaries, Station.....</i>		(104 695)
<i>Total, Salaries.....</i>		(228 920)
Wages, College.....		5 000
Wages, Station.....		5 000
<i>Total, Wages.....</i>		(10 000)
<i>Total, Salaries and Wages, College.....</i>		(129 225)
<i>Total, Salaries and Wages, Station.....</i>		(109 695)
<i>Total, Salaries and Wages.....</i>		(238 920)

Expense and Equipment

COLLEGE		
Expense.....		43 000
Equipment.....		5 000
Contingent.....		2 000
<i>Total, College.....</i>		(50 000)
STATION		
Expense.....		40 000
Equipment.....		8 000
Contingent.....		2 000
<i>Total, Station.....</i>		(50 000)
<i>Total, Expense and Equipment.....</i>		(100 000)
<i>Total, Dairy Science, College.....</i>		\$ (179 225)
<i>Total, Dairy Science, Station.....</i>		\$ (159 695)
<i>Total, Dairy Science.....</i>		\$ 338 920

Official Test Revolving (Entire budget from receipts)

1. Nonacademic Salaries.....	H	\$ 17 616
Wages.....		1 640
<i>Total, Salaries and Wages.....</i>		(19 256)
Expense and Equipment		
Expense.....		9 100
Equipment.....		350
<i>Total, Expense and Equipment.....</i>		(9 450)
<i>Total, Dairy Official Test Revolving.....</i>		\$ 28 706

Illinois Dairy Products Sanitation Revolving (Entire budget from receipts)

Salaries and Wages		
1. P. P. Somers, Assistant Professor, Dairying Research....	S-DY	\$ 5 000
Wages.....		1 000
<i>Total, Salaries and Wages.....</i>		(6 000)
Expense and Equipment		
Expense.....		9 500
Equipment.....		500
<i>Total, Expense and Equipment.....</i>		(10 000)
<i>Total, Illinois Dairy Products Sanitation Revolving..</i>		\$ 16 000

Food Technology

Salaries and Wages		
1. L. B. Howard, Professor and Head of Department....	{ C-AY50	\$ 6 000
	{ S-AY50	6 000
<i>(Total Salary).....</i>		(12 000)
2. P. H. Tracy, Professor, Dairy Technology.....	{ C-AY25	2 250
	{ S-AY47	4 250
<i>(See Dairy Creamery).....</i>	C-AY28	(2 500)
<i>(Total Salary).....</i>		(9 000)
3. E. O. Herreid, Professor, Dairy Technology.....	{ C-AY40	3 040
	{ S-AY60	4 560
<i>(Total Salary).....</i>		(7 600)

4. S. L. Tuckey, Associate Professor, Dairy Technology...	{C-AY ²⁰ S-AY ⁸⁰	1 380 5 520 (6 900)
(Total Salary).....		
5. R. M. Whitney, Associate Professor, Dairy Technology (See Research and Marketing Fund).....	S-AY	(6 500)
6. Z. J. Ordal, Associate Professor, Food Microbiology....	{C-BY' ⁵⁰ S-BY' ⁵⁰	3 500 3 500 (7 000)
(Total Salary).....		
7. A. I. Nelson, Associate Professor, Food Processing.....	{C-BY' ⁵⁰ S-BY' ⁵⁰	3 500 3 500 (7 000)
(Total Salary).....		
8. A. B. Paul, Assistant Professor, Food Industry.....	S-BY'	5 500
(On leave without pay from September 1, 1950, to January 31, 1951) (See Agricultural Economics, Item 27)		
9. Harry Pyenson, Assistant Professor, Dairy Technology..		.....
(Salary under University Extension)		
10. G. J. Edman, Assistant Professor, Dairy Technology...		.....
(Salary under University Extension)		
11. ———, Assistant Professor, Food Engineering {	C-DY ⁵⁰ S-DY ⁵⁰	2 750 2 750 (5 500)
(Total Salary).....		
12. ———, Assistant Professor.....	{C-D ⁵⁰ S-DY ⁵⁰	2 160 2 640 (4 800)
(Total Salary).....		
13. Joseph Tobias, Instructor and First Assistant, Dairy Technology.....	{C-DY ²⁶ S-DY ⁴¹	1 000 1 600 (2 600)
(Total Salary).....		
14. Katherine E. Paulson, Assistant (See Research and Marketing Fund).....	S-DY	(3 000)
15. ———, Assistant, Dairy Technology (See Bankhead-Jones Fund).....	S-DY	(2 930)
16. 1.00 Part-time Assistants.....	C-E	2 400
3.5 Part-time Assistants.....	S-DY	8 400
(Total Part-time Assistants).....		(10 800)
17. Nonacademic Salaries.....	S-H	8 640
Total, Salaries, College.....		(27 980)
Total, Salaries, Station.....		(56 860)
Total, Salaries.....		(84 840)
Wages, Station.....		1 500
Total, Salaries and Wages, College.....		(27 980)
Total, Salaries and Wages, Station.....		(58 360)
Total, Salaries and Wages.....		(86 340)
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		3 000
Equipment.....		7 000
Total, College.....		(10 000)
STATION		
Expense.....		7 000
Equipment.....		7 000
Total, Station.....		(14 000)
Total, Expense and Equipment.....		(24 000)
Total, Food Technology, College.....		\$(37 980)
Total, Food Technology, Station.....		\$(72 360)
Total, Food Technology.....		\$110 340

Cooperative Investigations*Salaries and Wages*

UNITED STATES PUBLIC HEALTH SERVICE

I. K. M. Shahani, Assistant.....	GY	\$ 3 840
(Ten months from July 1, 1950, at annual rate of \$3840)		

Dairy Creamery (Entire budget from receipts)*Salaries and Wages*

1. P. H. Tracy (See Food Technology, Item 2)	AY28	2 500
2. Nonacademic Salaries	H	16 920
<i>Total, Salaries</i>		(19 420)

Wages		3 510
<i>Total, Salaries and Wages</i>		(22 930)

Expense and Equipment

Expense		60 000
Equipment		6 000
Contingent		3 000
<i>Total, Expense and Equipment</i>		(69 000)

<i>Total, Dairy Creamery</i>		\$ 91 930
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Forestry*Salaries and Wages*

1. J. N. Spaeth, Professor and Head of Department	{ C-A50 S-AY50	\$ 4 275 5 225
(Total Salary)		(9 500)
2. R. W. Lorenz, Associate Professor (See Bankhead-Jones Fund)	S-AY	(6 900)
3. W. R. Boggess, Associate Professor	S-AY67	4 070
(See Dixon Springs, Item 2)	S-AY33	(2 030)
(Total Salary)		(6 100)
4. C. S. Walters, Associate Professor, Forest Utilization	S-AY	6 667
5. L. B. Culver, Extension Forester and Associate Professor (See Smith-Lever Fund)	E-AY73	(4 900)
(From State Natural History Survey)	E-DY27	(1 800)
(Total Salary)		(6 700)
6. R. G. Rennels, Assistant Professor	C-B	4 700
7. W. F. Bulkley, Associate Extension Forester (See State Agricultural Extension)	E-DY66	(3 080)
(From Norris-Doxey)	E-DY34	(1 620) ¹
(Total Salary)		(4 700)
8. H. W. Fox, First Assistant	S-DY64	2 700
(From Trust Sinnissippi Forest)	S-DY36	(1 500)
(Total Salary)		(4 200)
9. B. F. Kent, Farm Forester (See State Agricultural Extension)	E-DY	(4 300)
10. J. C. Van Camp, Jr., Farm Forester (See State Agricultural Extension)	E-DY	(4 240)
11. D. A. Kulp, Assistant, Forest Utilization (See Bankhead-Jones Fund)	S-DY	(4 200)
12. G. R. Cunningham, Assistant Extension Forester (See State Agricultural Extension)	E-DY53	(2 100)
(From Clarke-McNary)	E-DY47	(1 620) ²
(Total Salary)		(3 720)
13. G. E. Massie, Assistant (See Bankhead-Jones Fund)	S-DY	(3 480)
14. Nonacademic Salaries	C-H	5 400
<i>Total, Salaries, College</i>		(14 375)
<i>Total, Salaries, Station</i>		(18 662)
<i>Total, Salaries</i>		(33 037)

¹ Norris-Doxey funds for the fiscal year July 1, 1950, to June 30, 1951, will be paid through the Extension Service in Agriculture and Home Economics by the United States Department of Agriculture following monthly certification for salary signed by the Director of Extension.

² The Clarke-McNary funds for the fiscal year July 1, 1950, to June 30, 1951, will be paid through the Extension Service in Agriculture and Home Economics by the United States Department of Agriculture following monthly certification for salary signed by the Director of Extension.

Wages, College.....	125
Wages, Station.....	1 700
<i>Total, Wages</i>	(1 825)
<i>Total, Salaries and Wages, College</i>	(14 500)
<i>Total, Salaries and Wages, Station</i>	(20 362)
<i>Total, Salaries and Wages</i>	(34 862)
Expense and Equipment	
COLLEGE	
Expense.....	2 950
Equipment.....	450
<i>Total, College</i>	(3 400)
STATION	
Expense.....	3 550
Equipment.....	1 500
<i>Total, Station</i>	(5 050)
<i>Total, Expense and Equipment</i>	(8 450)
<i>Total, Forestry, College</i>	\$ (17 900)
<i>Total, Forestry, Station</i>	\$ (25 412)
<i>Total, Forestry</i>	\$ 43 312

Home Economics**Salaries and Wages**

1. Janice M. Smith, Professor, Nutrition, and Head of Department.....	{ C-AY75 S-AY25	\$ 6 750 2 250
<i>(Total Salary)</i>		(9 000)
2. J. Lita Bane, Professor.....		.....
<i>(On leave without pay until further notice; disability benefits payable by Retirement System)</i>		
3. Mrs. Kathryn V. Burns, State Leader, Home Economics Extension, and Professor.....	C-AY21	1 680
<i>(See Smith-Lever Fund)</i>	E-AY79	(6 320)
<i>(Total Salary)</i>		(8 000)
4. Nellie L. Perkins, Professor.....	C-A	6 300
5. ———, Professor.....	{ C-A50 S-A23	3 000 1 400
<i>(See Purnell Fund)</i>	S-A27	(1 600)
<i>(Total Salary)</i>		(6 000)
6. Fannie M. Brooks, Associate Professor, <i>Emerita</i>.....		.....
<i>(Retiring allowance payable by Retirement System)</i>		
7. Harriet T. Barto, Associate Professor, Dietetics.....	C-A	5 000
8. E. Evelyn Smith, Associate Professor, Institution Management.....	C-A	5 400 ¹
9. Mrs. Pearl Janssen, Associate Professor.....	C-A	5 500
10. Grace B. Armstrong, Associate Professor, Foods and Nutrition.....		
<i>(See Smith-Lever Fund)</i>	E-AY	(6 150)
11. Mary L. Chase, Assistant State Leader, and Associate Professor.....		
<i>(See Smith-Lever Fund)</i>	E-AY	(6 150)
<i>(On disability leave without pay until further notice)</i>		
12. Edna E. Walls, Associate Professor, <i>Emerita</i>.....		.....
<i>(Retiring allowance payable by Retirement System)</i>		
13. Florence M. King, Associate Professor.....	C-A	5 200
14. Doris J. Brockway, Associate Professor.....	C-A	5 200
15. Frances O. Van Duyne, Associate Professor, Foods.....	{ C-AY40 S-AY33	2 480 2 040
<i>(See Purnell Fund)</i>	S-AY27	(1 680)
<i>(Total Salary)</i>		(6 200)
16. Virginia H. Weaver, Assistant Professor.....		.....
<i>(On leave without pay until further notice; disability benefits payable by Retirement System)</i>		

¹ Also furnished one meal a day while on duty, valued at \$63 a year, for the convenience of the employee.

17. Anna W. Searl, Assistant State Leader and Assistant Professor (See Smith-Lever Fund).....	E-BY	(5 800)
18. Edna R. Gray, Assistant Professor, Clothing (See Smith-Lever Fund).....	E-BY	(5 550)
19. Gladys J. Ward, Assistant Professor, Home Management (See Smith-Lever Fund).....	E-BY	(5 250)
20. Lulu S. Black, Assistant State Leader, and Assistant Professor in charge of Extension Studies and Training (See Bankhead-Flannagan Fund).....	E-BY	(5 400)
21. Ritta Whitesel, Assistant Professor.....	C-B	4 200
22. Mrs. Ruth C. Freeman, Assistant Professor, Home Accounts (See Purnell Fund).....	S-BY ³¹	(1 500)
(See Smith-Lever Fund).....	E-BY ⁶⁹	(3 400)
(Total Salary).....		(4 900)
23. Dorothy J. Iwig, Assistant Professor, Home Furnishings (See Smith-Lever Fund).....	E-BY	(5 400)
24. Mary A. McKee, Assistant Professor, Home Economics 4-H Club Work (See Smith-Lever Fund).....	E-BY	(5 100)
25. Mrs. Mary S. Ligon, Assistant State Leader and Assistant Professor (See Smith-Lever Fund).....	E-BY	(4 900)
26. Margaret R. Goodyear, Assistant Professor.....	C-B'	4 400
27. Florence A. Kimmelshue, Assistant Professor, Home Economics 4-H Club Work (See Smith-Lever Fund).....	E-BY	(4 900)
28. Gertrude E. Kaiser, Home Adviser at Large and Assistant Professor (See Smith-Lever Fund).....	E-BY	(4 900)
29. Claretta Walker, Assistant Professor, Rural Youth (See Additional Cooperative Fund).....	E-BY	(5 000)
30. Beula McKey, Assistant Professor, Nutrition.....	S-BY ⁸²	4 000
(See Purnell Fund).....	S-BY ¹⁸	(900)
(Total Salary).....		(4 900)
(On one-half time at \$2,450 for 1950-1951)		
31. Margueritte Briggs, Assistant Professor, Child Development and Parent Education (See State Agricultural Extension).....	E-BY	(5 333)
32. Helen K. Zwolanek, Assistant Professor.....	C-D	4 000
33. _____, Assistant Professor.....	C-D	4 000
34. Mrs. Glenna H. Lamkin, Associate.....	C-D	3 220
35. Erma Cottingham, Associate, Home Economics 4-H Club Work (See Smith-Lever Fund).....	E-DY	(4 650)
36. Fern Carl, Associate, Clothing (See Smith-Lever Fund).....	E-DY	(4 800)
37. Helen E. McCullough, Research Associate (See Research and Marketing Fund).....	S-DY	(4 700)
38. Margaret A. Reed, Research Associate (See Research and Marketing Fund).....	S-DY ⁷⁵	(2 850)
(See Regional Research Fund).....	S-DY ²⁵	(950)
(Total Salary).....		(3 800)
39. Lucile Hieser, Instructor, Home Economics 4-H Club Work (See Smith-Lever Fund).....	E-DY	(4 650)
40. Frances E. Cook, Instructor, Foods (See Smith-Lever Fund).....	E-DY	(4 550)
41. Catherine M. Sullivan, Instructor, Home Management (See State Agricultural Extension).....	E-DY ⁵⁰	(2 225)
(See Smith-Lever Fund).....	E-DY ⁵⁰	(2 225)
(Total Salary).....		(4 450)

42. Mrs. Helen D. Turner, Home Adviser at Large and Instructor (See Smith-Lever Fund).....	E-DY	(4 200)
43. Joda L. McGaughey, Instructor, Home Furnishings (See State Agricultural Extension).....	E-DY	(4 000)
44. _____, Instructor, Child Development.....	C-D	4 000
45. Geraldine E. Acker, Instructor, Foods and Nutrition (See Smith-Lever Fund).....	E-BY	(3 800)
46. Mrs. Royene F. Owen, Instructor and First Assistant.. (See Bankhead-Jones Fund).....	C-DY ³⁸	1 400
(Total Salary).....	S-DY ⁶²	(2 300)
47. Mary E. Vick, Instructor, Institution Management....	C-D	3 600 ¹
48. _____, Instructor.....	C-D	3 500
49. Ruth A. Hodgson, Instructor.....	C-D	3 400
50. Dorothy E. Durrell, Instructor.....	C-D ⁷⁵	2 550
(See Student Counseling Bureau).....	D-25	(850)
(Total Salary).....		(3 400)
51. Kathryn M. Weesner, Instructor.....	C-D	3 400
52. _____, Instructor.....	C-D	3 300
53. Mrs. Virgil L. Greenwood, Instructor.....	C-D	3 200
54. Mrs. Millicent V. Martin, Instructor.....	C-D	3 000
55. _____, First Assistant (See Research and Marketing Fund).....	S-DY	(4 000)
56. _____, Instructor, Health Education.....	C-DY ²⁰	760
(See State Agricultural Extension).....	E-DY ⁸⁰	(3 040)
(Total Salary).....		(3 800)
57. _____, Instructor, Restaurant Management..	C-D	3 600
58. _____, Instructor, Textiles and Clothing.....	C-D	3 200
59. Lois J. Bland, Assistant, Home Economics 4-H Club Work (See State Agricultural Extension).....	E-DY	(3 800)
60. _____, Assistant.....	S-DY	3 500
61. Lucile F. Adamson, Assistant (See Purnell Fund).....	S-DY	(3 400)
62. Virginia Charles, Assistant (See Bankhead-Jones Fund).....	S-DY ⁶⁰	(2 080)
(See Purnell Fund).....	S-DY ⁴⁰	(1 120)
(Total Salary).....		(3 200)
63. Virginia M. Keneipp, Assistant (See Purnell Fund).....	S-DY ⁵⁰	(1 600)
(See Bankhead-Jones Fund).....	S-DY ⁵⁰	(1 600)
(Total Salary).....		(3 200)
64. Mrs. Elwanda D. White, Assistant (See Purnell Fund).....	S-DY	(3 200)
65. Mrs. Winifred B. Cagle, Assistant.....	C-E	2 500 ¹
66. 4.50 Part-time Assistants.....	C-E	10 800
67. Nonacademic Salaries.....	C-H	15 930
Total, Salaries, College.....		(134 470)
Total, Salaries, Station.....		(13 190)
Total, Salaries.....		(147 660)
Wages, College.....		2 000
Total, Salaries and Wages, College.....		(136 470)
Total, Salaries and Wages, Station.....		(13 190)
Total, Salaries and Wages.....		(149 660)
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		18 000
Equipment.....		2 000
Total, College.....		(20 000)

¹ Also furnished one meal a day while on duty, valued at \$63 a year, for the convenience of the employee.

STATION	
Expense.....	3 500
Equipment.....	1 500
<i>Total, Station</i>	(5 000)
<i>Total, Expense and Equipment</i>	(25 000)
<i>Total, Home Economics, College</i>	\$ (156 470)
<i>Total, Home Economics, Station</i>	\$ (18 190)
<i>Total, Home Economics</i>	\$ 174 660

Home Economics Cafeteria (Entire budget from receipts)*Salaries and Wages*

1. .30 Part-time Assistants.....	E	\$ 775
2. Nonacademic Salaries.....	H	4 845
<i>Total, Salaries</i>		(5 620)
Wages.....		700
<i>Total, Salaries and Wages</i>		(6 320)

Expense and Equipment

Expense.....	12 000
Equipment.....	3 000
<i>Total, Expense and Equipment</i>	(15 000)
<i>Total, Home Economics Cafeteria</i>	\$ 21 320

Horticulture

<i>Salaries and Wages</i>		
1. _____, Professor and Head of Department...	{ C-AY ₅₀ S-AY ₅₀	\$ 4 875 4 875 (9 750)
(Total Salary).....		
2. M. J. Dorsey, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. H. B. Dorner, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
4. A. S. Colby, Professor, Pomology.....	{ C-AY ₇₀ S-AY ₃₀	5 460 2 340 (7 800)
(Total Salary).....		
5. H. W. Anderson, Professor, Plant Pathology.....	{ C-AY ₄₅ S-AY ₅₅	3 600 4 400 (8 000)
(Total Salary).....		
(On leave with pay Semester II, 1950-1951)		
6. W. A. Huelsen, Professor, Vegetable Crops.....	{ C-AY ₃₀ S-AY ₇₀	2 250 5 250 (7 500)
(Total Salary).....		
7. M. B. Linford, Professor, Plant Pathology.....	{ C-AY ₅₀ S-AY ₅₀	4 250 4 250 (8 500)
(Total Salary).....		
8. C. J. Birkeland, Professor, Plant Breeding.....	{ C-AY ₄₀ S-AY ₆₀	3 100 4 650 (7 750)
(Total Salary).....		
9. F. F. Weinard, Associate Professor, Floriculture.....	{ C-AY ₄₅ S-AY ₅₅	3 060 3 740 (6 800)
(Total Salary).....		
10. V. W. Kelley, Associate Professor, Pomology.....	{ C-AY ₅₀ S-AY ₅₀	2 900 2 900 (5 800)
(Total Salary).....		
11. R. V. Lott, Associate Professor, Pomology.....	{ C-AY ₃₀ S-AY ₇₀	1 980 4 620 (6 600)
(Total Salary).....		
12. H. H. Thornberry, Associate Professor, Plant Pathology.....	{ C-AY ₂₀ S-AY ₈₀	1 260 5 040 (6 300)
(Total Salary).....		
13. J. P. McCollum, Associate Professor, Vegetable Crops..	{ C-AY ₄₀ S-AY ₆₀	2 520 3 780 (6 300)
(Total Salary).....		
(On leave with pay Semester II, 1950-1951)		

14. J. R. Kamp, Associate Professor, Floriculture.....	{ C-A70 S-AV30	3 690 2 110 (5 800)
(Total Salary).....		
15. M. B. Linn, Associate Professor, Plant Pathology.....	{ C-AV20 S-AV80	1 400 5 600 (7 000)
(Total Salary).....		
16. Dwight Powell, Associate Professor, Plant Pathology...	C-AV39	2 600
(See Bankhead-Jones Fund).....	S-AV61	(4 000)
(Total Salary).....		(6 600)
17. John Skok, Assistant Professor, Vegetable Crops.....	{ C-BY50 S-BY50	2 850 2 850 (5 700)
(Total Salary).....		
18. B. L. Weaver, Assistant Professor, Vegetable Crops....	{ C-BY'40 S-BY'60	2 080 3 120 (5 200)
(Total Salary).....		
19. L. A. Somers, Assistant Professor (See Smith-Lever Fund).....	E-BY	(5 000)
20. David Gottlieb, Assistant Professor, Plant Pathology..	S-BY'50	3 100
(See Special Graduate Fund).....	S-BY'50	(3 100)
(Total Salary).....		(6 200)
21. J. R. Culbert, Assistant Professor, Floriculture.....	{ C-BY'50 S-BY'50	2 600 2 600 (5 200)
(Total Salary).....		
22. ———, Assistant Professor, Pomology.....	{ C-DY70 S-DY30	3 780 1 620 (5 400)
(Total Salary).....		
23. James Hutchinson, Associate, <i>Emeritus</i> (From Retiring Allowances).....		(1 420)
24. W. N. Brown, Associate, Vegetable Crops (See Bankhead-Jones Fund).....	S-DY	(4 700)
25. C. Y. Arnold, Associate, Vegetable Crops.....	{ C-DY50 S-DY50	2 300 2 300 (4 600)
(Total Salary).....		
26. G. M. Fosler, Instructor and First Assistant, Floriculture	{ C-DY50 S-DY50	2 100 2 100 (4 200)
(Total Salary).....		
27. C. E. Taylor, Instructor and First Assistant, Vegetable Crops.....	S-DY50	2 300 ¹
(See State Agricultural Extension).....	E-DY50	(2 300)
(Total Salary).....		(4 600)
28. ———, Instructor and First Assistant, Po- mology.....	{ C-DY50 S-DY50	2 400 2 400 (4 800)
(Total Salary).....		
29. ———, Instructor (See State Agricultural Extension).....	E-DY	(4 800)
30. ———, Instructor, Floriculture.....	{ C-DY50 S-DY50	2 100 2 100 (4 200)
(Total Salary).....		
31. ———, Instructor (See State Agricultural Extension).....	E-DY53	(2 400)
(See Smith-Lever Fund).....	E-DY47	(2 100)
(Total Salary).....		(4 500)
32. D. F. Dayton, First Assistant, Plant Breeding (See Adams Fund).....	S-DY	(3 900)
33. ———, First Assistant.....	S-DY	4 000
34. 1.75 Part-time Assistants.....	C-E	4 860
2.00 Part-time Assistants.....	S-DY	6 030
(Total Part-time Assistants).....		(10 890)

¹ Also furnished house, light, and telephone, valued at \$550, for the convenience of the employee.

35. Nonacademic Salaries	{ C-H	30 111
	{ S-H	94 635
<i>Total, Nonacademic Salaries</i>		(124 746)
<i>Total, Salaries, College</i>		(98 126)
<i>Total, Salaries, Station</i>		(182 710)
<i>Total, Salaries</i>		(280 836)
Wages, College		1 200
Wages, Station		6 800
<i>Total, Wages</i>		(8 000)
<i>Total, Salaries and Wages, College</i>		(99 326)
<i>Total, Salaries and Wages, Station</i>		(189 510)
<i>Total, Salaries and Wages</i>		(288 836)
<i>Expense and Equipment</i>		
COLLEGE		
Expense		9 600
Equipment		500
Contingent		400
<i>Total, College</i>		(10 500)
STATION		
Expense		25 000
Equipment		1 500
Contingent		1 000
<i>Total, Station</i>		(27 500)
<i>Total, Expense and Equipment</i>		(38 000)
<i>Total, Horticulture, College</i>		\$(109 826)
<i>Total, Horticulture, Station</i>		\$(217 010)
<i>Total, Horticulture</i>		\$ 326 836

Veterinary Research

Salaries and Wages

1. Robert Graham, Professor and Head of Department ...	S-AY25	\$ 2 750
(See Veterinary Medicine, Administration)	AY75	(8 250)
<i>(Total Salary)</i>		(11 000)
2. Jesse Sampson, Professor	S-AY29	2 400
(See Veterinary Physiology and Pharmacology)	AY71	(6 000)
<i>(Total Salary)</i>		(8 400)
3. L. E. St. Clair, Professor	S-AY24	1 875
(See Veterinary Anatomy and Histology)	AY76	(5 875)
<i>(Total Salary)</i>		(7 750)
4. C. C. Morrill, Professor	S-AY29	2 400
(See Veterinary Pathology and Hygiene)	AY71	(6 000)
<i>(Total Salary)</i>		(8 400)
5. J. O. Alberts, Associate Professor	S-AY35	2 560
(See Veterinary Pathology and Hygiene)	AY65	(4 690)
<i>(Total Salary)</i>		(7 250)
6. N. D. Levine, Associate Professor	S-AY28	1 875
(See Veterinary Pathology and Hygiene)	AY72	(4 875)
<i>(Total Salary)</i>		(6 750)
7. P. D. Beamer, Assistant Professor	S-BY21	1 300
(See Veterinary Pathology and Hygiene)	BY79	(4 950)
<i>(Total Salary)</i>		(6 250)
8. H. S. Bryan, Assistant Professor	S-BY31	1 875
(See Veterinary Pathology and Hygiene)	BY69	(4 125)
<i>(Total Salary)</i>		(6 000)
9. R. P. Link, Assistant Professor	S-BY'10	600
(See Veterinary Physiology and Pharmacology)	BY'90	(5 650)
<i>(Total Salary)</i>		(6 250)
10. M. S. Cover, Assistant Professor	S-BY8	500
(See Veterinary Anatomy and Histology)	BY92	(5 500)
<i>(Total Salary)</i>		(6 000)
11. S. C. Schmittle, Instructor	S-DY	4 750

12. M. E. Mansfield, Assistant Professor.....	S-BY'15	900
(See Smith-Lever Fund).....	BY'70	(4 200)
(See Dixon Springs).....	BY'15	(900)
(Total Salary).....		(6 000)
13. J. E. Prier, Instructor.....	S-DY	4 750
14. Rebecca K. Borton, Instructor.....		
(See Bankhead-Jones Fund).....	S-DY80	(3 200)
(See Veterinary Physiology and Pharmacology)....	DY20	(800)
(Total Salary).....		(4 000)
15. Nonacademic Salaries.....	H	2 400
<i>Total, Salaries</i>		(30 935)
<i>Expense and Equipment</i>		
Expense.....		33 500
<i>Total, Veterinary Research</i>		\$ 64 435

Adams Fund		
Salaries and Wages		
1. H. H. Mitchell (See Animal Science, Item 6).....	AY15	\$ 1 575
2. Elmer Roberts (See Animal Science, Item 7).....	AY24	2 000
3. T. S. Hamilton (See Animal Science, Item 11).....	AY12	1 140
4. Jessie R. Beadles (See Animal Science, Item 34).....	DY41	1 440
5. D. F. Dayton (See Horticulture, Item 32).....	DY	3 900
6. Nonacademic Salaries.....	H	3 030
<i>Total, Salaries</i>		(13 085)
Wages.....		1 915
<i>Total, Salaries and Wages</i>		(15 000)
<i>Total, Adams Fund</i>		\$ 15 000

Bankhead-Jones Fund		
Salaries and Wages		
1. R. J. Webb (See Dixon Springs, Item 1).....	AY24	\$ 1 800
2. M. W. Madison (See Agricultural Economics, Item 34)...	DY32	1 750
3. A. G. Mueller (See Agricultural Economics, Item 39)...	DY89	3 750
4. H. P. Bateman (See Agricultural Engineering, Item 9)...	DY	4 200
5. J. A. Weber (See Agricultural Engineering, Item 11)...	DY53	2 450
6. R. O. Weibel (See Agronomy, Item 33).....	BY'	5 900
7. J. B. Fehrenbacher (See Agronomy, Item 37).....	BY'	5 350
8. _____ (See Agronomy, Item 42).....	S-DY52	2 700
9. B. W. Ray (See Agronomy, Item 51).....	DY	4 000
10. R. M. Forbes (See Animal Science, Item 17).....	BY'48	3 000
11. W. T. Haines (See Animal Science, Item 35).....	DY42	2 000
12. _____ (See Animal Science, Item 36).....	DY	3 400
13. _____ (See Food Technology, Item 15).....	DY	2 930
14. R. W. Lorenz (See Forestry, Item 2).....	AY	6 900
15. D. A. Kulp (See Forestry, Item 11).....	DY	4 200
16. G. E. Massie (See Forestry, Item 13).....	DY	3 480
17. Mrs. Royene F. Owen (See Home Economics, Item 46)...	DY62	2 300
18. Virginia Charles (See Home Economics, Item 62).....	DY60	2 080
19. Virginia M. Keneipp (See Home Economics, Item 63)....	DY50	1 600
20. Dwight Powell (See Horticulture, Item 16).....	AY61	4 000
21. W. N. Brown (See Horticulture, Item 24).....	DY	4 700
22. Rebecca K. Borton (See Veterinary Research, Item 14)...	DY80	3 200
23. .75 Part-time Assistants.....		1 860
24. Nonacademic Salaries.....	H	11 340
<i>Total, Salaries</i>		(88 890)
Wages.....		7 057
<i>Total, Salaries and Wages</i>		(95 947)
<i>Expense and Equipment</i>		
Expense.....		4 000
Equipment.....		1 000
<i>Total, Expense and Equipment</i>		(5 000)
<i>Total, Bankhead-Jones Fund</i>		\$100 947

<i>Salaries and Wages</i>		Hatch Fund	
1. Anna C. Glover (See Administration, Item 12).....	A33	\$	1 800
2. A. W. Janes (See Administration, Item 14).....	DY30		1 600
3. J. W. Pendleton (See Agronomy, Item 47).....	DY37		1 560
4. D. L. Lynch (See Agronomy, Item 48).....	DY45		1 800
5. W. B. Nevens (See Dairy Science, Item 7).....	AY15		1 200
6. Nonacademic Salaries.....	H		1 980
<i>Total, Salaries</i>			(9 940)
Wages.....			5 060
<i>Total, Salaries and Wages</i>			(15 000)
<i>Total, Hatch Fund</i>		\$	15 000

<i>Salaries and Wages</i>		Purnell Fund	
1. E. J. Working (See Agricultural Economics, Item 8).....	A25	\$	1 850
2. R. H. Wilcox (See Agricultural Economics, Item 16).....	AY52		3 300
3. A. C. Ruwe (See Agricultural Economics, Item 35).....	DY84		3 700
4. Sleeter Bull (See Animal Science, Item 8).....	AY22		1 800
5. Frances O. Van Duyne (See Home Economics, Item 15).....	AY27		1 680
6. Mrs. Ruth C. Freeman (See Home Economics, Item 22).....	BY31		1 500
7. Beula McKey (See Home Economics, Item 30).....	BY18		900
8. _____ (See Home Economics, Item 5).....	A27		1 600
9. _____ (See Home Economics, Item 61).....	DY		3 400
10. Virginia Charles (See Home Economics, Item 62).....	DY40		1 120
11. Virginia M. Keneipp (See Home Economics, Item 63).....	DY50		1 600
12. Mrs. Elwanda D. White (See Home Economics, Item 64).....	DY		3 200
13. 1.00 Part-time Assistants.....			3 200
14. Nonacademic Salaries.....	H		22 102
<i>Total, Salaries</i>			(50 952)
Wages.....			1 048
<i>Total, Salaries and Wages</i>			(52 000)
<i>Expense and Equipment</i>			
Expense.....			6 000
Equipment.....			2 000
<i>Total, Expense and Equipment</i>			(8 000)
<i>Total, Purnell Fund</i>		\$	60 000

<i>Salaries and Wages</i>		Regional Research Fund	
1. R. A. Kelly (See Agricultural Economics, Item 23).....	BY75	\$	4 400
2. _____ (See Agricultural Engineering, Item 21).....	DY50		1 900
3. Margaret A. Reed (See Home Economics, Item 38).....	DY25		950
4. Nonacademic Salaries.....	H		6 024
<i>Total, Salaries</i>			(13 274)
Wages.....			1 436
<i>Total, Salaries and Wages</i>			(14 710)
<i>Expense and Equipment</i>			
Expense.....			7 340
Equipment.....			4 000
<i>Total, Expense and Equipment</i>			(11 340)
<i>Total, Regional Research Fund</i>		\$	26 050

<i>Salaries and Wages</i>		Research and Marketing Fund	
1. W. J. Wills (See Agricultural Economics, Item 29).....	BY20	\$	1 020
2. E. E. Broadbent (See Agricultural Economics, Item 36).....	DY28		1 500
3. V. I. West (See Agricultural Economics, Item 40).....	DY50		2 350
4. _____ (See Agricultural Engineering, Item 21).....	DY50		1 900
5. R. H. Rust (See Agronomy, Item 53).....	DY		3 800
6. Mrs. Estelle Atkin (See Animal Science, Item 39).....	DY		3 200
7. Mrs. Janet L. Page (See Animal Science, Item 40).....	DY		3 200
8. _____ (See Animal Science, Item 41).....	DY53		1 700
9. R. M. Whitney (See Food Technology, Item 5).....	AY		6 500

10. Katherine E. Paulson (See Food Technology, Item 14)...	DY	3 000
11. Helen E. McCullough (See Home Economics, Item 37)...	DY	4 700
12. Margaret A. Reed (See Home Economics, Item 38).....	DY75	2 850
13. _____ (See Home Economics, Item 55).....	DY	4 000
14. Nonacademic Salaries.....	H	4 704
<i>Total, Salaries</i>		(44 424)
Wages.....		22 576
<i>Total, Salaries and Wages</i>		(67 000)
<i>Expense and Equipment</i>		
Expense.....		30 873
Equipment.....		8 000
<i>Total, Expense and Equipment</i>		(38 873)
<i>Total, Research and Marketing Fund</i>		\$105 873

EXTENSION SERVICE

State Farm and Home Advisers

<i>Salaries and Wages</i>		
1. County Farm Advisers:		
99 at \$1938.....	DY	\$191 862
(82 at \$960, Smith-Lever Fund).....		(78 720)
(17 at \$960, Bankhead-Flannagan Fund).....		(16 320)
(Total, 99 at \$2898).....		(286 902) ¹
2. County Home Advisers:		
86 at \$2007.....	DY	172 602
(23 at \$1080, Smith-Lever Fund).....		(24 840)
(34 at \$1080, Capper-Ketcham Fund).....		(36 720)
(29 at \$1080, Bankhead-Flannagan Fund).....		(31 320)
(6 at \$3087, Bankhead-Flannagan Fund).....		(18 522)
(Total, 92 at \$3087).....		(284 004) ²
<i>Total, State Farm and Home Advisers</i>		\$364 464

Illinois Farmers' Institute

<i>Salaries and Wages</i>		
1. O. L. Whalin (See State Agricultural Extension, Item 2)...	AY61	\$ 3 900
2. Nonacademic Salaries.....	H	1 800
<i>Total, Salaries</i>		(5 700)
Wages.....		1 440
<i>Total, Salaries and Wages</i>		(7 140)
<i>Expense and Equipment</i>		
Expense.....		8 000
<i>Total, Illinois Farmers' Institute</i>		\$ 15 140

State Agricultural Extension

<i>Salaries and Wages</i>		
ADMINISTRATION		
1. H. W. Bean (See Administration, Item 8).....	DY37	\$ 2 600
2. O. L. Whalin, Associate Professor.....	AY39	2 450
(See Illinois Farmers' Institute, Item 1).....	AY61	(3 900)
(Total Salary).....		(6 350)
3. D. M. Hall, Assistant Professor.....	BY75	4 125
(See Student Counseling Bureau).....	DY25	(1 375)
(Total Salary).....		(5 500)
4. _____, Assistant Professor, Camp Programs....	DY	6 000
5. F. H. Root, Instructor, Camp Management.....	DY	4 800
PUBLICATIONS		
6. Margery E. Suhre, Assistant Editor of Publications, with rank of Instructor.....	DY	4 450

¹ County farm advisers receive additional salary from the local farm bureaus.² Certain county home advisers receive additional salary from local home bureaus.

EXTENSION EDITORS

7. Jessie E. Heathman, Assistant Extension Editor and Assistant Professor, Home Economics Extension.....	BY65	3 900
(See Smith-Lever Fund).....	BY35	(2 100)
(Total Salary).....		(6 000)
8. J. A. Murray, Assistant Extension Editor and Instructor, Agricultural Extension.....	DY	5 000
9. L. J. Noordhoof, Assistant Extension Editor, with rank of Instructor.....	DY	4 600
10. R. A. Jarnagin, Assistant Extension Editor and Instructor, Agricultural Extension.....	DY	4 600
11. Mrs. Claire O. Ciha, Assistant Extension Editor and Assistant, Agricultural Extension.....	DY	3 600

AGRICULTURAL 4-H CLUB WORK

12. R. O. Lyon, Assistant Professor, Agricultural 4-H Club Work.....	BY57	2 800
(See Smith-Lever Fund).....	BY43	(2 100)
(Total Salary).....		(4 900)
13. _____, Instructor, Agricultural 4-H Club Work..	DY57	2 800
(See Smith-Lever Fund).....	DY43	(2 100)
(Total Salary).....		(4 900)

AGRICULTURAL ECONOMICS

14. J. B. Andrews (See Agricultural Economics, Item 14)....	AY50	3 700
15. J. E. Wills (See Agricultural Economics, Item 18).....	AY32	2 300
16. L. F. Stice (See Agricultural Economics, Item 20).....	AY44	3 000
17. A. T. Anderson (See Agricultural Economics, Item 26)...	BY'	6 200
18. G. B. Whitman (See Agricultural Economics, Item 30)...	BY'	6 000
19. E. E. Broadbent (See Agricultural Economics, Item 36)...	DY38	2 000

AGRICULTURAL ENGINEERING

20. F. W. Andrew (See Agricultural Engineering, Item 8)....	BY	5 200
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AGRONOMY

21. A. U. Thor (See Agronomy, Item 32).....	BY'	5 600
22. W. F. Purnell (See Agronomy, Item 34).....	BY'56	3 150

DIXON SPRINGS

23. R. J. Webb (See Dixon Springs, Item 1).....	AY10	750
24. G. E. McKibben (See Dixon Springs, Item 5).....	BY25	1 320
25. H. A. Cate (See Dixon Springs, Item 8).....	DY75	3 190

FORESTRY

26. W. F. Bulkley (See Forestry, Item 7).....	DY66	3 080
27. B. F. Kent (See Forestry, Item 9).....	DY	4 300
28. J. C. Van Camp, Jr. (See Forestry, Item 10).....	DY	4 240
29. G. R. Cunningham (See Forestry, Item 12).....	DY53	2 100

HOME ECONOMICS

30. Margueritte Briggs (See Home Economics, Item 31)....	BY	5 333
31. Catherine M. Sullivan (See Home Economics, Item 41)...	DY50	2 225
32. Joda L. McGaughey (See Home Economics, Item 43)....	DY	4 000
33. _____ (See Home Economics, Item 56).....	DY80	3 040
34. Lois J. Bland (See Home Economics, Item 59).....	DY	3 800

HORTICULTURE

35. _____ (See Horticulture, Item 31).....	AY53	2 400
36. C. E. Taylor (See Horticulture, Item 27).....	DY50	2 300
37. _____ (See Horticulture, Item 29).....	DY	4 800
38. Nonacademic Salaries.....	H	92 635
<i>Total, Salaries</i>		(228 388)
Wages.....		2 000
<i>Total, Salaries and Wages</i>		(230 388)

Expense and Equipment

Expense.....		18 000
Equipment.....		4 000
<i>Total, Expense and Equipment</i>		(22 000)
<i>Total, State Agricultural Extension</i>		\$252 388

<i>Salaries and Wages</i>		Additional Cooperative Fund	
1. Clareta Walker (See Home Economics, Item 29).....	BY	\$	5 000
Wages.....			4 000
<i>Total, Salaries and Wages</i>			(9 000)
<i>Expense and Equipment</i>			
Expense.....			1 737
<i>Total, Additional Cooperative Fund</i>		\$	10 737

<i>Salaries and Wages</i>		Bankhead-Flannagan Fund	
1. County Farm Advisers (See State Farm and Home Advisers).....	DY	\$	16 320
2. County Home Advisers (See State Farm and Home Advisers).....	DY		49 842
3. County Assistants for Farm and Home Advisers.....	DY		238 000
4. L. H. Simerl (See Agricultural Economics, Item 21).....	AY		6 750
5. J. K. Van Slyke (See Agricultural Economics, Item 38).....	DY		4 250
6. _____ (See Agricultural Engineering, Item 18).....	BY		4 800
7. W. O. Scott (See Agronomy, Item 36).....	BY		5 400
8. Lulu S. Black (See Home Economics, Item 20).....	BY		5 400
9. Nonacademic Salaries.....	H		4 380
<i>Total, Salaries</i>			(335 142)
Wages.....			5 000
<i>Total, Salaries and Wages</i>			(340 142)
<i>Expense and Equipment</i>			
Expense.....			24 806
Equipment.....			10 000
<i>Total, Expense and Equipment</i>			(34 806)
<i>Total, Bankhead-Flannagan Fund</i>		\$	374 948

<i>Salaries and Wages</i>		Capper-Ketcham Fund	
1. County Home Advisers (See State Farm and Home Advisers).....	DY	\$	36 720
<i>Expense and Equipment</i>			
Expense.....			1 463
<i>Total, Capper-Ketcham Fund</i>		\$	38 183

<i>Salaries and Wages</i>		Research and Marketing Extension Fund	
1. L. F. Stice (See Agricultural Economics, Item 20).....	AY26	\$	1 750
2. E. E. Broadbent (See Agricultural Economics, Item 36).....	DY34		1 750
<i>Total, Salaries and Wages</i>			(3 500)
<i>Expense and Equipment</i>			
Expense.....			1 000
<i>Total, Research and Marketing Extension Fund</i>		\$	4 500

<i>Salaries and Wages</i>		Smith-Lever Fund (Including Bankhead-Jones)	
ADMINISTRATION			
1. H. P. Rusk (See Administration, Item 1).....	BY32	\$	4 800
2. W. G. Kammlade (See Administration, Item 6).....	BY42		4 500
EXTENSION EDITORS			
3. Hadley Read (See Administration, Item 13).....	BY62		4 000
4. Jessie E. Heathman (See State Agricultural Extension, Item 7).....	BY35		2 100
FARM ADVISERS AND SUPERVISORS			
5. W. G. Kammlade (See Administration, Item 6).....	BY43		4 500
6. F. E. Longmire, Assistant State Leader of Farm Advisers and Professor, Agricultural Extension.....	AY		8 000

7. J. D. Bilsborrow, Professor, Agricultural Extension, <i>Emeritus</i>		
(Retiring allowance payable by Retirement System)		
8. W. D. Murphy, Assistant State Leader of Farm Advisers and Assistant Professor, Agricultural Extension....	BY	7 500
9. H. H. Gordon, Assistant State Leader of Farm Advisers and Assistant Professor, Agricultural Extension....	BY'	6 000
10. ———, Assistant State Leader of Farm Advisers and Assistant Professor, Agricultural Extension....	DY	6 000
11. ———, Assistant State Leader of Farm Advisers and Assistant Professor, Agricultural Extension....	DY	6 000
12. County Farm Advisers (See State Farm and Home Ad- visers)	DY	78 720
HOME ADVISERS AND SUPERVISORS		
13. Mrs. Kathryn V. Burns (See Home Economics, Item 3) ..	AY79	6 320
14. Mary L. Chase (See Home Economics, Item 11)	AY	6 150
15. Anna W. Searl (See Home Economics, Item 17)	BY	5 800
16. Mrs. Mary S. Ligon (See Home Economics, Item 25)	BY	4 900
17. Gertrude E. Kaiser (See Home Economics, Item 28)	BY	4 900
18. Mrs. Helen D. Turner (See Home Economics, Item 42) ...	DY	4 200
19. County Home Advisers (See State Farm and Home Ad- visers)	DY	24 840
AGRICULTURAL 4-H CLUB WORK		
20. E. I. Pilchard, Associate Professor, Agricultural 4-H Club Work	AY	6 750
21. O. F. Gaebe, Assistant Professor, Agricultural 4-H Club Work	DY	6 000
22. F. H. Mynard, Assistant Professor, Agricultural 4-H Club Work	BY	5 600
23. R. O. Lyon (See State Agricultural Extension, Item 12) ..	BY43	2 100
24. ——— (See State Agricultural Extension, Item 13)	DY43	2 100
HOME ECONOMICS 4-H CLUB WORK		
25. Mary A. McKee (See Home Economics, Item 24)	BY	5 100
26. Florence A. Kimmelshue (See Home Economics, Item 27) ..	BY	4 900
27. Erma Cottingham (See Home Economics, Item 35)	DY	4 650
28. Lucile Hieser (See Home Economics, Item 39)	DY	4 650
AGRICULTURAL ECONOMICS		
29. J. B. Cunningham (See Agricultural Economics, Item 17) ..	AY	6 400
30. L. F. Stice (See Agricultural Economics, Item 20)	AY30	2 000
31. M. W. Madison (See Agricultural Economics, Item 34) ...	DY68	3 750
RURAL SOCIOLOGY		
32. E. H. Regnier (See Agricultural Economics, Item 19)	AY74	5 200
33. ——— (See Agricultural Economics, Item 41) ...	DY	3 500
AGRICULTURAL ENGINEERING		
34. K. H. Hinchcliff (See Agricultural Engineering, Item 6) ..	AY25	1 830
35. B. F. Muirheid (See Agricultural Engineering, Item 12) ..	DY	4 800
36. A. R. Ayers (See Agricultural Engineering, Item 15)	DY	4 600
AGRONOMY		
37. J. C. Hackleman (See Agronomy, Item 4)	AY	8 000
38. C. M. Linsley (See Agronomy, Item 18)	AY	8 000
39. E. D. Walker (See Agronomy, Item 21)	AY	6 300
ANIMAL SCIENCE		
40. H. G. Russell (See Animal Science, Item 13)	AY	7 800
41. S. F. Ridlen (See Animal Science, Item 21)	BY	5 750
42. G. R. Carlisle (See Animal Science, Item 26)	DY	5 750
DAIRY SCIENCE		
43. C. S. Rhode (See Dairy Science, Item 6)	AY	8 000
44. J. G. Cash (See Dairy Science, Item 9)	AY	6 700
45. L. R. Fryman (See Dairy Science, Item 23)	DY	4 600

ENTOMOLOGY			
46. H. B. Petty, Jr., Assistant Professor.....	BY'	6 000	
FORESTRY			
47. L. B. Culver (See Forestry, Item 5).....	AY73	4 900	
HOME ECONOMICS			
CLOTHING			
48. Edna R. Gray (See Home Economics, Item 18).....	BY	5 550	
49. Fern Carl (See Home Economics, Item 36).....	DY	4 800	
FOODS AND NUTRITION			
50. Grace B. Armstrong (See Home Economics, Item 10)....	AY	6 150	
51. Frances E. Cook (See Home Economics, Item 40).....	DY	4 550	
52. Geraldine E. Acker (See Home Economics, Item 45).....	BY	3 800	
HOME FURNISHINGS			
53. Dorothy J. Iwig (See Home Economics, Item 23).....	BY	5 400	
HOME MANAGEMENT			
54. Gladys J. Ward (See Home Economics, Item 19).....	BY	5 250	
55. Mrs. Ruth C. Freeman (See Home Economics, Item 22)..	BY69	3 400	
56. Catherine M. Sullivan (See Home Economics, Item 41)...	DY50	2 225	
HORTICULTURE			
57. _____ (See Horticulture, Item 31).....	AY32	2 100	
58. L. A. Somers (See Horticulture, Item 19).....	BY	5 000	
VETERINARY PATHOLOGY AND HYGIENE			
59. M. E. Mansfield (See Veterinary Pathology and Hygiene, Item 6).....	BY70	4 200	
60. G. T. Woods (See Veterinary Pathology and Hygiene, Item 8).....	BY60	3 100	
61. Nonacademic Salaries.....	H	4 980	
<i>Total, Salaries</i>		(395 465)	
Wages.....		14 315	
<i>Total, Salaries and Wages</i>		(409 780)	
Expense and Equipment			
Expense.....		109 389	
Equipment.....		12 000	
<i>Total, Expense and Equipment</i>		(121 389)	
<i>Total, Smith-Lever Fund</i>		\$531 169	

Agricultural Extension Revolving Fund

<i>Expense and Equipment</i>	
Expense.....	\$ 16 000
Equipment.....	2 000
<i>Total, Agricultural Extension Revolving Fund</i>	\$ 18 000

COLLEGE OF ENGINEERING AND ENGINEERING EXPERIMENT STATION

Summary			
<i>Instruction</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$ 44 228	\$10 400	\$ 54 628
Aeronautical.....	79 560	18 000	97 560
Ceramic.....	69 497	12 500	81 997
Civil.....	205 246	22 200	227 446
Electrical.....	419 770	27 000	446 770
General Engineering Drawing.....	94 850	6 400	101 250
Mechanical.....	356 968	29 000	385 968
Mining and Metallurgical.....	71 322	11 500	82 822
Physics.....	333 140	28 000	361 140
Theoretical and Applied Mechanics.....	178 104	14 500	192 604
<i>Total, Instruction</i>	(1 852 685)	(179 500)	(2 032 185)

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Organized Research</i>			
Administration.....	50 054	12 000	62 054
Measurement Program.....	14 400	6 100	20 500
Ceramic.....	6 594	2 000	8 594
Chemical.....	20 486	3 000	23 486
Civil.....	60 588	9 200	69 788
Sewage Research.....	5 620	860	6 480
Electrical.....	16 560	.....	16 560
Mechanical.....	44 182	8 000	52 182
Mining and Metallurgical.....	36 360	7 500	43 860
Physics.....	.....	18 000	18 000
Physics Betatron.....	71 989	20 000	91 989
Theoretical and Applied Mechanics.....	59 780	6 000	65 780
<i>Total, Organized Research</i>	<i>(386 613)</i>	<i>(92 660)</i>	<i>(479 273)</i>
<i>Grand Total</i>	<i>\$2 239 298</i>	<i>\$272 160</i>	<i>\$2 511 458</i>

Expendable Gift Funds**Organized Research:**

Estimated new projects and renewals.....	\$200 000	\$100 000	\$300 000
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United States Government Contracts**Organized Research:**

Estimated new projects and renewals.....	650 000	350 000	1 000 000
<i>Total, Trust Funds</i>	<i>\$850 000</i>	<i>\$450 000</i>	<i>\$1 300 000</i>

Explanation of symbols in titles:

C = College; S = Station

*Salaries and Wages***Administration**

1. W. L. Everitt, Dean.....	C-BY ⁵⁰	\$ 7 500
Director.....	S-BY ⁵⁰	7 500
Professor of Electrical Engineering.....	AY	.....
(Total Salary).....		(15 000)
2. M. L. Enger, Dean, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. H. H. Jordan, Associate Dean.....	C-BY ⁷¹	11 000
Professor of General Engineering Drawing.....	C-AY	
4. L. A. Rose, Editor, with rank of Professor, and Director of Engineering Information and Publications....	S-AY	7 400
5. S. H. Pierce, Assistant Dean.....	C-BY ⁷⁵	5 200
(See General Engineering Drawing).....	C-A25	(1 300)
(Total Salary).....		(6 500)
6. E. F. Heater, Research Associate Professor.....	S-AY	6 150
7. G. R. Foster, Assistant Editor.....	S-DY	3 900
8. 7.00 Part-time Research Assistants (To be assigned to departments annually by the Dean).....	S-E	16 800
9. Nonacademic Salaries.....	{C-H	20 052
	{S-H	6 954
<i>Total, Nonacademic Salaries</i>		(27 006)
<i>Total, Salaries, College</i>		(43 752)
<i>Total, Salaries, Station</i>		(48 704)
<i>Total, Salaries</i>		(92 456)
Wages, College.....	C-H	476
Wages, Station.....	S-H	1 350
<i>Total, Wages</i>		(1 826)
<i>Total, Salaries and Wages, College</i>		(44 228)
<i>Total, Salaries and Wages, Station</i>		(50 054)
<i>Total, Salaries and Wages</i>		(94 282)

Expense and Equipment

COLLEGE

Lectures.....	2 400
Expense.....	4 000
Equipment.....	2 000
Contingent.....	2 000
<i>Total, College.....</i>	<i>(10 400)</i>

STATION

Expense and Equipment.....	12 000
<i>Total, Station.....</i>	<i>(12 000)</i>
<i>Total, Expense and Equipment.....</i>	<i>(22 400)</i>
<i>Total, Administration, College.....</i>	<i>\$ (54 628)</i>
<i>Total, Administration, Station.....</i>	<i>\$ (62 054)</i>
<i>Total, Administration.....</i>	<i>\$116 682</i>

Cooperative Investigations*Salaries and Wages*

PROPERTIES OF ILLITE AND KAOLINITE CLAYS

1. W. D. Johns, Jr., Research Assistant in Petrography... DY	\$ 3 600
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Measurement Program*Salaries and Wages*

1. H. N. Hayward, Director..... S-DY ⁵⁰	\$ 3 600
(See Electrical Engineering)..... C-A ⁵⁰	(3 000)
(Total Salary).....	(6 600)
(On leave with pay Semester I, 1950-1951)	
2. Nonacademic Salaries..... S-H	10 050
<i>Total, Salaries.....</i>	<i>(13 650)</i>
Wages.....	750
Wages from Educational Nonrecurring.....	(450)
<i>Total, Salaries and Wages.....</i>	<i>(14 400)</i>

Expense and Equipment

Expense.....	6 100
<i>Total, Measurement Program.....</i>	<i>\$20 500</i>

Aeronautical Engineering*Salaries and Wages*

1. H. S. Stillwell, Professor and Head of Department.... C-A	\$ 9 000
2. R. W. McCloy, Professor..... C-A	6 200
3. M. Z. Krzywoblocki, Professor..... C-A	6 200
4. J. M. Coan, Professor..... C-A	6 200
5. Paul Torda, Associate Professor..... C-A	5 800
6. C. H. Fletcher, Research Assistant Professor..... C-GY	5 500
(July 1, 1950, to August 31, 1951, at \$5,500 a year)	
7. E. P. Eales, Assistant Professor..... C-B'	4 500
8. A. I. Ormsbee, Instructor..... C-D	4 100
9. E. J. Seagrist, Instructor..... C-D	3 900
10. H. H. Hilton, Instructor..... C-D	3 900
11. Nonacademic Salaries..... H	21 660
<i>Total, Salaries.....</i>	<i>(76 960)</i>
Wages.....	2 600
<i>Total, Salaries and Wages.....</i>	<i>(79 560)</i>

Expense and Equipment

COLLEGE

Expense.....	9 000
Equipment.....	9 000
<i>Total, Expense and Equipment.....</i>	<i>(18 000)</i>
<i>Total, Aeronautical Engineering (C).....</i>	<i>\$ 97 560</i>

Ceramic Engineering*Salaries and Wages*

1. A. I. Andrews, Professor and Head of Department.... C-A	\$ 10 000
2. R. K. Hursh, Professor..... C-A	8 400

3. R. L. Cook, Professor	C-A	7 000
4. F. V. Tooley, Professor of Glass Technology	C-A	6 500
5. A. W. Allen, Associate Professor	C-A	6 000
6. E. D. Lynch, Assistant Professor	C-B	4 500
7. G. F. Stockdale, Research Assistant Professor	S-BY'	4 900
8. W. J. Meid, Instructor	C-D	4 500
9. R. J. McEvoy, Instructor	C-D	4 100
10. R. J. Beals, Assistant	C-E	3 250
11. Nonacademic Salaries	{C-H	14 167
	{S-H	1 574
<i>Total, Nonacademic Salaries</i>		(15 741)
<i>Total, Salaries, College</i>		(68 417)
<i>Total, Salaries, Station</i>		(6 474)
<i>Total, Salaries</i>		(74 891)
Wages, College		1 080
Wages, Station		120
<i>Total, Wages</i>		(1 200)
<i>Total, Salaries and Wages, College</i>		(69 497)
<i>Total, Salaries and Wages, Station</i>		(6 594)
<i>Total, Salaries and Wages</i>		(76 091)
<i>Expense and Equipment</i>		
COLLEGE		
Expense		11 000
Equipment		1 500
<i>Total, College</i>		(12 500)
STATION		
Expense		1 500
Equipment		500
<i>Total, Station</i>		(2 000)
<i>Total, Expense and Equipment</i>		(14 500)
<i>Total, Ceramic Engineering, College</i>		\$(81 997)
<i>Total, Ceramic Engineering, Station</i>		\$ (8 594)
<i>Total, Ceramic Engineering</i>		\$ 90 591

Cooperative Investigations*Salaries and Wages*

ARMY AIR FORCES CONTRACT 14520

1. D. G. Bennett, Research Professor	S-DY	\$ 8 000
2. W. J. Plankenhorn, Research Associate Professor	S-DY	6 400
3. J. A. Nelson, Research Associate	S-DY	4 400
4. T. A. Willmore, Research Assistant	S-DY	4 000
5. R. C. Womeldorph, Research Assistant	S-DY	4 000
6. W. F. Zimmerman, Research Assistant	S-DY	3 500
7. ———, Research Assistant	S-DY	3 200

ENAMEL STANDARDS

8. F. A. Petersen, Research Professor	S-DY	7 300
9. A. L. Friedberg, Research Associate	S-DY	4 500

ENAMEL SMELTER OPERATION

10. S. F. Paspy, Research Assistant	S-DY	3 900
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FELDSPAR IN WHITEWARE INDUSTRY

11. J. C. Kyonka, Research Assistant	S-GY	4 000
(One year from April 15, 1950)		

*Salaries and Wages***Chemical Engineering Research**

1. H. F. Johnstone, Professor of Chemical Engineering	S-A33	\$ 3 666
(See Chemistry)	C-A67	(7 334)
<i>(Total Salary)</i>		(11 000)
2. Sherlock Swann, Jr., Research Professor	S-AY	7 300
3. W. E. Ranz, Research Associate	S-DY	5 200
4. Nonacademic Salaries	S-H	2 520
<i>Total, Salaries</i>		(18 686)

Wages.....	1 800
<i>Total, Salaries and Wages.....</i>	<i>(20 486)</i>
<i>Expense and Equipment</i>	
STATION	
Expense.....	3 000
<i>Total, Chemical Engineering Research.....</i>	<i>\$23 486</i>

Cooperative Investigations*Salaries and Wages*

U.R.C. CASE 31 SOLUBILITY OF BOILER WATERS

1. F. G. Straub, Research Professor.....	S-DY	\$ 7 500
2. H. D. Ongman, Research Assistant.....	S-DY	3 300

Civil Engineering*Salaries and Wages*

1. W. C. Huntington, Professor and Head of Department..	C-A	\$ 13 000
2. W. M. Wilson, Research Professor of Structural Engineering, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. H. E. Babbitt, Professor of Sanitary Engineering.....	C-A	8 800
(On leave with pay Semester I, 1950-1951)		
4. J. S. Crandell, Professor of Highway Engineering.....	C-A	7 466
5. T. C. Shedd, Professor of Structural Engineering.....	C-A	9 500
6. J. J. Doland, Professor of Hydraulic Engineering.....	C-A	8 800
7. C. C. Wiley, Professor of Highway Engineering.....	C-A	7 000
8. Jamison Vawter, Professor.....	C-A	8 800
9. E. E. King, Professor of Railway Civil Engineering, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
10. N. M. Newmark, Research Professor of Structural Engineering.....	{C-AY33 S-AY67	3 740 7 260 (11 000)
(Total Salary).....		
11. R. B. Peck, Research Professor of Soil Mechanics.....	{C-AY33 S-AY67	3 060 5 940 (9 000)
(Total Salary).....		
12. W. A. Oliver, Professor.....	C-A	6 700
13. J. G. Clark, Professor.....	C-A	6 600
14. W. H. Rayner, Professor.....	C-A	6 000
15. Ellis Danner, Associate Professor.....	C-A	6 000
16. F. A. Reickert, Associate Professor.....	C-A	6 200
17. W. E. Hanson, Associate Professor.....	C-A	5 500
18. E. E. Bauer, Associate Professor.....	C-A	5 400
19. G. H. Dell, Associate Professor.....	C-A	5 400
20. J. C. Dietz, Associate Professor of Sanitary Engineering	C-A	5 500
21. M. O. Schmidt, Associate Professor.....	C-A	5 500
22. W. W. Hay, Associate Professor of Railway Civil Engineering.....	C-A	5 500
23. C. P. Siess, Research Associate Professor.....	{C-AY33 S-AY67	2 167 4 333 (6 500)
(Total Salary).....		
24. E. J. Daily, Assistant Professor.....	C-B'	5 000
25. E. R. Bretscher, Assistant Professor.....	C-B'	5 000
26. T. H. Thornburn, Research Assistant Professor.....	{C-B'50 S-BY'50	2 750 2 750 (5 500)
(Total Salary).....		
27. W. H. Munse, Research Assistant Professor.....	S-BY	5 400
28. J. C. Guillou, Research Assistant Professor of Hydraulic Engineering.....	S-BY'	5 500
29. W. J. Austin, Research Assistant Professor.....	S-DY	5 000
30. H. H. Connolly, Instructor.....	C-D	4 500
31. C. P. Atkins, Assistant Professor.....	C-B'75	3 700
32. C. S. Danner, Instructor.....	C-D	4 000
33. J. W. Briscoe, Instructor.....	C-D	4 000

34. D. A. Day, Instructor.....	C-D	4 000
35. W. S. Pollard, Jr., Instructor.....	C-D	4 000
36. J. W. Seyler, Instructor.....	C-D	3 800
37. R. A. Sproat, Instructor.....	C-D	3 400
38. Narbey Khachaturian, Instructor.....	C-D	3 000
39. G. A. Young, Instructor.....	C-D50	2 000
40. W. J. Conway, Jr., Instructor.....	C-D50	1 500
41. Karl Terzaghi, Lecturer and Consultant.....	C-DY15	1 500
42. 1.75 Part-time Assistants.....	C-E	4 700
1.00 Part-time Assistants.....	S-E	2 400
(Total Part-time Assistants).....		(4 800)
43. Nonacademic Salaries.....	{C-H	10 453
	{S-H	18 475
<i>Total, Nonacademic Salaries</i>		(28 928)
<i>Total, Salaries, College</i>		(203 936)
<i>Total, Salaries, Station</i>		(57 058)
<i>Total, Salaries</i>		(260 994)
Wages, College.....		1 310
Wages, Station.....		3 530
<i>Total, Wages</i>		(4 840)
<i>Total, Salaries and Wages, College</i>		(205 246)
<i>Total, Salaries and Wages, Station</i>		(60 588)
<i>Total, Salaries and Wages</i>		(265 834)
<i>Expense and Equipment</i>		
COLLEGE		
Expense, General.....		12 400
Summer Surveying Camp.....		4 800
Equipment.....		5 000
<i>Total, College</i>		(22 200)
STATION		
Expense.....		6 000
Equipment.....		3 200
<i>Total, Station</i>		(9 200)
<i>Total, Expense and Equipment</i>		(31 400)
<i>Total, Civil Engineering, College</i>		\$ (227 446)
<i>Total, Civil Engineering, Station</i>		\$ (69 788)
<i>Total, Civil Engineering</i>		\$ 297 234

Sewage Research*Salaries and Wages*

1. .50 Part-time Assistants.....	S-DY	\$ 1 200
2. Nonacademic Salaries.....	S-H	3 420
<i>Total, Salaries</i>		(4 620)
Wages.....		1 000
<i>Total, Salaries and Wages</i>		(5 620)

Expense and Equipment

Expense and Equipment.....		860
<i>Total, Sewage Research</i>		\$ 6 480

Cooperative Investigations*Salaries and Wages*

OFFICE OF NAVAL RESEARCH TASK V

1. H. C. Roberts, Research Associate Professor.....	S-DY	\$ 6 400
2. G. K. Sinnamon, Research Associate.....	S-DY	4 200
3. R. J. Mosborg, Research Associate.....	S-DY	4 200

DIVIDED POSITIONS

4. E. R. Baumann, Research Associate.....	S-DY	5 000
(75% U. S. Engineer Center 453; 25% U.S.H. and H.F.A. Plumbing Investigations)		
5. H. O. Ireland, Research Associate.....	S-DY	4 000
(50% Railroad Roadbed Stabilization; 50% Co-operative Research of Highway Problems)		

*Salaries and Wages***Electrical Engineering**

1. J. D. Ryder, Professor and Head of Department.....	A	\$ 11 000
2. E. B. Paine, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. E. H. Waldo, Associate Professor, <i>Emeritus</i> (From Re-		
tiring Allowances).....		(1 693)
4. J. T. Tykociner, Research Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
5. W. L. Everitt, Professor.....		.....
(Salary under Administration)		
6. A. R. Knight, Professor.....	A	8 300
7. J. O. Kraehenbuehl, Professor.....	A	7 500
8. C. A. Keener, Professor.....	A	7 300
9. _____, Professor.....	A	7 200
10. M. A. Faucett, Professor.....	A	7 000
11. G. H. Fett, Professor.....	A	7 000
12. E. C. Jordan, Professor.....	A	7 000
13. E. A. Reid, Professor.....	A	6 800
14. V. P. Hessler, Professor.....	A	6 700
15. M. B. Reed, Professor.....	A	6 700
16. J. K. Tuthill, Professor.....	A	6 000
17. H. M. Von Foerster, Research Associate Professor.....	AY	7 000
18. H. N. Hayward, Associate Professor.....	A ₅₀	3 000
(See Measurement Program).....	DY ₅₀	(3 600)
(Total Salary).....		(6 600)
(On leave with pay Semester I, 1950-1951)		
19. M. S. Helm, Associate Professor.....	A	5 800
20. C. E. Skroder, Associate Professor.....	A	5 700
21. J. E. Williams, Associate Professor.....	A	5 600
22. Nelson Wax, Associate Professor.....	A	5 600
23. L. B. Archer, Associate Professor.....	A	5 400
24. G. R. Peirce, Associate Professor.....	A	5 300
25. H. W. Horn, Associate Professor.....	A	5 300
26. P. F. Schwarzlose, Associate Professor.....	A	5 300
27. T. A. Murrell, Associate Professor.....	A	5 200
28. C. C. Nash, Associate Professor.....	A	5 200
29. R. M. Wainwright, Assistant Professor.....	B'	5 200
30. H. K. Polk, Assistant Professor.....	B'	5 200
31. A. D. Bailey, Assistant Professor.....	B'	5 200
32. W. E. Miller, Assistant Professor.....	B'	5 200
33. M. S. McVay, Assistant Professor.....	B'	5 000
34. J. A. Barkson, Assistant Professor.....	B	4 700
35. P. R. Egbert, Assistant Professor.....	B'	4 700
36. D. S. Babb, Assistant Professor.....	B'	4 700
37. P. K. Hudson, Assistant Professor.....	B'	4 600
38. J. P. Neal, Assistant Professor.....	B	4 500
39. W. H. Byers, Assistant Professor.....	B	4 500
40. _____, Assistant Professor.....	D	4 500
41. H. D. Webb, Assistant Professor.....	B	4 400
42. D. F. Hang, Assistant Professor.....	B	4 400
43. E. F. DeMers, Assistant Professor.....	B	4 400
44. R. S. Elliott, Assistant Professor.....	B	4 400
45. W. G. Albright, Assistant Professor.....	B	4 400
46. M. H. Crothers, Assistant Professor.....	B'	4 400
47. R. H. Nau, Assistant Professor.....	B	4 200
48. P. A. Bauman, Assistant Professor.....	B	4 000
49. A. S. Chodakowski, Instructor.....	D	4 000
50. C. V. Jakowatz, Instructor.....	D	4 000
51. H. W. Katz, Instructor.....	D	3 800
52. Bernard Silverman, Instructor.....	D	3 800
53. S. W. Tehon, Instructor.....	D	3 800
54. Buford Smith, Instructor.....	D	3 800

55. C. L. Coates, Instructor.....	D	3 800
56. Meyer Gilden, Instructor.....	D	3 600
57. B. J. Wilson, Instructor.....	D	3 400
58. L. O. Brown, Instructor.....	D	3 400
59. P. M. Kintner, Instructor.....	D	3 400
60. R. E. Wendt, Instructor.....	D	3 300
61. H. E. Koenig, Instructor.....	D	3 300
62. J. U. Jeffries, Instructor.....	D	3 200
63. Irving Kaufman, Instructor.....	D	3 000
64. G. D. McMullen, Instructor.....	D	3 000
65. _____, Assistant.....	E	2 400
66. 15.67 Part-time Assistants.....	E	37 600
67. Nonacademic Salaries.....	{ C-H S-H	59 670 16 560
<i>Total, Nonacademic Salaries.....</i>		(76 230)
<i>Total, Salaries, College.....</i>		(401 770)
<i>Total, Salaries, Station.....</i>		(16 560)
<i>Total, Salaries.....</i>		(418 330)
Wages, College.....		18 000
<i>Total, Salaries and Wages, College.....</i>		(419 770)
<i>Total, Salaries and Wages, Station.....</i>		(16 560)
<i>Total, Salaries and Wages.....</i>		(436 330)
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		15 000
Equipment.....		12 000
<i>Total, Expense and Equipment.....</i>		(27 000)
<i>Total, Electrical Engineering, College.....</i>		\$(446 770)
<i>Total, Electrical Engineering, Station.....</i>		\$ (16 560)
<i>Total, Electrical Engineering.....</i>		\$ 463 330

Cooperative Investigations*Salaries and Wages*

DIVIDED POSITIONS

1. E. Weise, Research Assistant Professor (Without salary)	S-BY	.....
2. W. J. Fry, Research Assistant Professor.....	S-BY	\$ 6 100
(34% U.S.A.F. 21811; 66% Electrical Engineering Indirect Cost)		
3. J. W. Hoffman, Research Assistant Professor.....	S-BY'	5 700
(34% Watson Labs. 5; 33% U.S.A.F. 14742; 33% U.S.A.F. 14538)		
4. M. N. Chase, Research Associate.....	S-DY75	3 900
(37.5% U.S.A.F. 20778; 37.5% Watson Labs. 18)		
UNITED STATES AIR FORCE 14538		
5. L. R. Bloom, Research Assistant Professor.....	S-BY'	5 500
6. J. S. Schaffner, Research Assistant Professor.....	S-DY	5 000
7. L. E. Brennan, Research Associate.....	S-DY	3 900
8. W. W. Cannon, Research Associate.....	S-DY50	1 950
SIGNAL CORPS OSCILLATOR CIRCUITS		
9. G. A. Petticrew, Research Associate.....	S-DY75	3 900
10. R. W. Annis, Research Associate.....	S-DY50	2 600
11. E. C. Hayden, Research Associate.....	S-DY50	2 600
UNITED STATES AIR FORCE 14742		
12. R. P. Wellinger, Research Assistant Professor.....	S-BY	5 500
13. D. F. Holshouser, Research Associate.....	S-DY	5 000
14. J. E. Etter, Research Associate.....	S-DY50	1 920
15. C. G. Lob, Research Associate.....	S-DY50	2 000
UNITED STATES AIR FORCE 20778		
16. J. K. Records, Research Associate.....	S-DY75	3 900
17. H. J. Venema, Research Assistant.....	S-DY	4 600

UNITED STATES AIR FORCE 21811

18. H. L. VanVelzer, Research Associate Professor.....	S-BY	6 400
19. C. E. Drumheller, Research Assistant Professor.....	S-DY	5 200
ELECTRICAL ENGINEERING INDIRECT COSTS		
20. F. J. Fry, Research Associate.....	S-DY	5 200
21. E. W. Ernst, Research Associate.....	S-DY ₅₀	2 400

General Engineering Drawing

<i>Salaries and Wages</i>		
1. R. P. Hoelscher, Professor and Head of Department...	A	\$ 8 750
2. H. H. Jordan, Professor.....		.....
(Salary under Administration)		
3. C. H. Springer, Professor.....	A	7 000
4. S. G. Hall, Professor.....	A	6 300
5. L. D. Walker, Professor.....	A	6 300
6. F. M. Porter, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
7. S. H. Pierce, Associate Professor.....	A ₂₅	1 300
(See Administration).....	BY'75	(5 200)
(Total Salary).....		(6 500)
8. B. O. Larson, Associate Professor.....	A	5 300
9. J. E. Pearson, Associate Professor.....	A	5 100
10. E. D. Ebert, Assistant Professor.....	D	4 800
11. R. P. Borri, Assistant Professor.....	D	4 600
12. R. S. Crossman, Assistant Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
13. _____, Assistant Professor.....	B	4 600
14. W. L. Shick, Instructor.....	D	4 400
15. H. C. Nelson, Instructor.....	D	4 200
16. J. S. Dobrovolny, Instructor.....	D	4 100
17. Grace Wilson, Instructor.....	D	4 100
18. H. J. Bokenkamp, Instructor.....	D	3 600
19. A. G. Friederich, Instructor.....	D	3 600
20. W. R. Duke, Instructor.....	D	3 400
21. R. D. Henson, Instructor.....	D	3 400
22. T. C. Hartley, Assistant.....	E	3 000
23. 1.00 Part-time Assistants.....	E	2 400
24. Nonacademic Salaries.....	H	2 100
<i>Total, Salaries</i>		(92 350)
<i>Wages</i>		2 500
<i>Total, Salaries and Wages</i>		(94 850)

Expense and Equipment

<i>Expense</i>		4 400
<i>Equipment</i>		2 000
<i>Total, Expense and Equipment</i>		(6 400)
<i>Total, General Engineering Drawing (C)</i>		\$101 250

Mechanical Engineering

<i>Salaries and Wages</i>		
1. N. A. Parker, Professor and Head of Department.....	C-A	\$ 11 500
2. O. A. Leutwiler, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. A. P. Kratz, Research Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
4. J. A. Polson, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
5. C. W. Ham, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
6. M. K. Fahnestock, Research Professor.....	S-AY	8 750
Engineering Director Aeromedical and Physical Environment Laboratory.....	DY	
7. C. H. Casberg, Professor.....	C-A	8 200
8. W. N. Espy, Professor.....	C-A	7 800

9.	D. G. Ryan, Professor	C-A	7 800
10.	J. R. Fellows, Professor	C-A	7 000
11.	K. J. Trigger, Professor	C-A	7 000
12.	Seichi Konzo, Professor	C-A	6 800
13.	R. F. Larson, Professor	C-A	6 400
14.	J. H. Potter, Professor	C-A	6 200
15.	W. L. Hull, Professor	C-A	6 000
16.	W. H. Severns, Professor	.....	.....
	(On leave without pay until further notice; disability benefits payable by Retirement System)		
17.	Everett Laitala, Professor	C-A	6 000
18.	M. R. Riddell, Associate Professor, <i>Emeritus</i>	.....	.....
	(Retiring allowance payable by Retirement System)		
19.	G. W. Harper, Associate Professor	S-BY75	5 000
	(See University Extension)	BY25	(2 000)
	(Total Salary)		(7 000)
20.	Research Associate Professor	S-BY	7 200
21.	L. C. Pigage, Associate Professor	C-AY50	3 300
	(See University Extension)	AY25	(1 650)
	(See Institute of Labor and Industrial Relations)	AY25	(1 650)
	(Total Salary)		(6 600)
22.	C. E. Schubert, Associate Professor	C-A	5 800
23.	J. A. Henry, Associate Professor	C-A	5 800
24.	D. H. Krans, Associate Professor	C-A	5 800
25.	E. L. Broghamer, Associate Professor	C-A	5 700
26.	E. D. Luke, Associate Professor	C-A	5 700
27.	J. C. Miles, Associate Professor	C-A	5 400
28.	R. J. Martin, Associate Professor	C-A	5 400
29.	Francis Seyfarth, Associate Professor	C-A	5 400
30.	C. D. Greffe, Associate Professor	C-A	5 300
31.	H. H. Korst, Associate Professor	C-A	5 000
32.	D. H. Cole, Associate Professor	C-A	5 000
33.	Associate Professor	C-A	5 000
34.	R. C. Juvinall, Assistant Professor	C-B	5 000
35.	L. M. Zubko, Assistant Professor	C-B'	5 000
36.	E. F. Hebrank, Assistant Professor	C-B	4 800
37.	J. L. Leach, Assistant Professor	C-B'	4 800
38.	S. F. Gilman, Research Assistant Professor	S-DY	4 800
39.	L. E. Doyle, Assistant Professor	C-B	4 700
40.	C. J. Starr, Assistant Professor	C-B	4 700
41.	D. E. McFeron, Assistant Professor	C-D	4 100
42.	H. D. Bareither, Assistant Professor	C-B	4 000
43.	J. R. Carroll, Assistant Professor	C-B	4 000
44.	C. E. Derrough, Instructor	C-D	4 400
45.	M. B. Singer, Instructor	C-D	4 000
46.	B. T. Chao, Research Associate	S-DY	4 000
47.	J. R. Jamieson, Research Associate	S-DY	4 000
48.	A. D. Wright, Instructor	C-D	3 900
49.	Instructor	C-D	3 800
50.	G. F. Schrader, Instructor	C-D	3 800
51.	R. P. Strout, Instructor	C-D	3 800
52.	A. E. Noreen, Instructor	C-D	3 700
53.	C. H. McClay, Instructor	C-D	3 750
54.	W. J. Love, Instructor	C-D	3 700
55.	J. W. Bayne, Instructor	C-D	3 600
56.	D. H. Offner, Instructor	C-D	3 500
57.	R. L. Wehe, Instructor	C-D	3 500
58.	J. L. Whisenand, Instructor	C-D	3 500
59.	R. B. Dillaway, Instructor	C-D	3 500
60.	B. W. Hill, Instructor	C-D	3 400
61.	B. A. Peskin, Instructor	C-D	3 300
62.	G. L. Jenkins, Instructor	C-D	3 300
63.	R. E. Ahern, Instructor	C-D	3 200

64. A. N. Fleming, Instructor	C-D	3 200
65. C. L. Sonnenschein, Instructor	C-D	3 200
66. P. I. Stone, Instructor	C-D	3 000
67. G. E. Martin, Assistant	C-E	3 250
68. E. E. Garrison, Assistant	C-E	3 200
69. F. G. Bauling, Research Assistant	S-DY	3 200
70. G. A. Polk, Assistant	C-E	3 000
71. H. E. Straub, Assistant	C-E	2 800
72. A. R. Konecny, Assistant	C-E	2 600
73. 6.5 Part-time Assistants	C-E	15 600
74. Nonacademic Salaries	{ C-H S-H	51 568 4 832
<i>Total, Nonacademic Salaries</i>		(56 400)
<i>Total, Salaries, College</i>		347 468
<i>Total, Salaries, Station</i>		41 782
<i>Total, Salaries</i>		(389 250)
Wages, College		9 500
Wages, Station		2 400
<i>Total, Wages</i>		(11 900)
<i>Total, Salaries and Wages, College</i>		(356 968)
<i>Total, Salaries and Wages, Station</i>		(44 182)
<i>Total, Salaries and Wages</i>		(401 150)
Expense and Equipment		
COLLEGE		
Expense		23 000
Equipment		6 000
<i>Total, College</i>		(29 000)
STATION		
General Expense		3 000
Safety Expense		3 000
Equipment		2 000
<i>Total, Station</i>		(8 000)
<i>Total, Expense and Equipment</i>		(37 000)
<i>Total, Mechanical Engineering, College</i>		\$(385 968)
<i>Total, Mechanical Engineering, Station</i>		\$ (52 182)
<i>Total, Mechanical Engineering</i>		\$ 438 150

Cooperative Investigations

Salaries and Wages

INSTITUTE OF BOILER AND RADIATOR MANUFACTURERS

1. W. S. Harris, Research Associate Professor	S-DY	\$ 6 900
2. R. H. Weigel, Research Associate	S-DY	3 900
3. ———, Research Assistant	S-DY	3 300

NATIONAL WARM AIR HEATING AND AIR

CONDITIONING ASSOCIATION

4. R. W. Roose, Research Assistant Professor	S-DY	5 000
5. M. E. Childs, Research Associate	S-DY	4 000
6. ———, Research Assistant	S-DY	3 900
7. H. T. Gilkey, Research Assistant	S-DY	3 300

AMERICAN GAS ASSOCIATION

8. ———, Research Associate	S-DY	4 500
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TIMKEN ROLLER BEARING COMPANY

9. R. M. Wright, Research Assistant Professor	S-DY	5 800
10. D. E. Taylor, Research Assistant	S-DY	3 300

Salaries and Wages Mining and Metallurgical Engineering

1. H. L. Walker, Professor of Metallurgical Engineering and Head of Department	C-A	\$ 9 500
2. ———, Professor of Physical Metallurgy	S-AY	9 200
3. W. R. Chedsey, Professor of Mining Engineering	C-A	6 600
4. E. J. Eckel, Associate Professor of Metallurgical Engi- neering	C-A	6 300

5. W. H. Voskuil, Professor of Mineral Economics.....	C-A10	900
(From State Geological Survey).....	DY90	(7 500)
(Total Salary).....		(8 400)
6. W. H. Bruckner, Research Associate Professor of Metallurgical Engineering.....	S-AY	6 150
7. A. C. Forsyth, Associate Professor of Metallurgical Engineering.....	C-A	5 520
8. B. G. Ricketts, Associate Professor of Metallurgical Engineering.....	C-A	5 520
9. C. A. Wert, Research Associate Professor of Physical Metallurgy.....	S-AY	5 500
10. G. B. Clark, Assistant Professor of Mining Engineering..	C-B'	5 280
11. J. W. Marx, Assistant Professor of Physical Metallurgy..	C-DY	4 900
12. R. G. Wuerker, Assistant Professor of Mining Engineering.....	C-D	4 980
13. Harry Czyzewski, Assistant Professor of Physical Metallurgy.....	C-B'	5 000
14. V. D. Hildebrandt, Assistant Professor of Metallurgical Engineering.....	C-B	4 200
15. R. W. Bohl, Assistant Professor of Metallurgical Engineering.....	C-B'	4 380
16. 1.00 Part-time Assistants.....	C-E	2 400
2.00 Part-time Assistants.....	S-E	4 800
(Total Part-time Assistants).....		(7 200)
17. Nonacademic Salaries.....	{C-H	10 092
	{S-H	5 160
Total, Nonacademic Salaries.....		(15 252)
Total, Salaries, College.....		(70 672)
Total, Salaries, Station.....		(35 710)
Total, Salaries.....		(106 382)
Wages, College.....		650
Wages, Station.....		650
Total, Wages.....		(1 300)
Total, Salaries and Wages, College.....		(71 322)
Total, Salaries and Wages, Station.....		(36 360)
Total, Salaries and Wages.....		(107 682)
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		6 000
Equipment.....		5 500
Total, College.....		(11 500)
STATION		
Expense.....		2 500
Equipment.....		5 000
Total, Station.....		(7 500)
Total, Expense and Equipment.....		(19 000)
Total, Mining and Metallurgical Engineering, College.....		\$(82 822)
Total, Mining and Metallurgical Engineering, Station.....		\$(43 860)
Total, Mining and Metallurgical Engineering.....		\$126 682

*Salaries and Wages***Physics**

1. F. W. Loomis, Professor and Head of Department.....	A	\$ 13 400
2. F. R. Watson, Professor of Experimental Physics, <i>Emeritus</i> (From Retiring Allowances).....		(2 603)
3. L. N. Ridenour, Professor.....		.....
(Salary under Graduate College)		
4. Frederick Seitz, Professor.....	A	11 500
5. P. G. Kruger, Professor.....	A	11 000
6. _____, Professor.....	A	11 000
7. G. M. Almy, Professor.....	A	9 500
8. A. T. Nordsieck, Professor.....	A	9 500
9. S. M. Dancoff, Professor.....	A	9 500
(On leave with one-half pay 1950-1951)		

10. J. H. Bartlett, Professor.....	A	6 800
11. W. F. Schulz, Associate Professor, <i>Emeritus</i> (From Retiring Allowances).....		(1 655)
12. E. H. Williams, Associate Professor, <i>Emeritus</i> (Retiring allowance payable by Retirement System)		.....
13. E. M. Lyman, Associate Professor.....	A	8 000
14. C. W. Sherwin, Associate Professor.....	A	7 800
15. Andrew Longacre, Associate Professor..... (On leave without pay 1950-1951)	A	7 500
15a. Albert Wattenberg, Assistant Professor..... (Paid from Item 15)	D	(7 000)
16. A. O. Hanson, Associate Professor.....	A	7 500
17. R. J. Maurer, Associate Professor.....	B'	7 400
18. J. S. Allen, Associate Professor.....	A	7 300
19. _____, Associate Professor.....	A	7 000
20. J. S. Koehler, Associate Professor.....	D	7 000
21. R. B. Duffield, Associate Professor..... (See Chemistry)..... (Total Salary).....	A50 A50	3 500 (3 500) (7 000)
22. R. D. Hill, Associate Professor.....	A	6 500
23. R. F. Paton, Associate Professor.....	A	6 200
24. R. E. Meagher, Research Associate Professor..... (Salary under Special Graduate Fund)		.....
25. R. A. Becker, Assistant Professor.....	B'	6 700
26. R. D. Rawcliffe, Assistant Professor.....	B'	6 200
27. J. M. Blatt, Assistant Professor.....	D	5 800
28. R. I. Hulsizer, Jr., Assistant Professor.....	B'	5 700
29. F. R. Metzger, Assistant Professor.....	B	4 500
30. Peter Axel, Assistant Professor.....	B	4 500
31. J. N. Snyder, Instructor.....	D	4 700
32. D. E. Mapother, Instructor.....	D	4 700
33. C. P. Slichter, Instructor.....	D	4 600
34. David Lazarus, Instructor.....	D	4 600
35. 27.00 Part-time Assistants.....	E	64 500
36. Nonacademic Salaries.....	C-H	55 740
<i>Total, Salaries</i>		(330 140)
Wages.....		3 000
<i>Total, Salaries and Wages</i>		(333 140)
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		25 000
Equipment.....		3 000
<i>Total, College</i>		(28 000)
STATION		
Expense.....		10 000
Equipment.....		8 000
<i>Total, Station</i>		(18 000)
<i>Total, Expense and Equipment</i>		(46 000)
<i>Total, Physics, College</i>		\$(361 140)
<i>Total, Physics, Station</i>		\$ (18 000)
<i>Total, Physics</i>		\$ 379 140

Cooperative Investigations*Salaries and Wages***OFFICE OF NAVAL RESEARCH TASK I**

1. E. L. Hahn, Research Associate.....	S-DY	\$ 4 200
2. P. M. Marcus, Research Assistant Professor..... (Effective November 1, 1950)	S-DY	5 400
3. W. K. Jentschke, Research Assistant Professor..... (One year from July 1, 1950)	S-GY	6 600
4. Sherman Frankel, Research Associate.....	S-DY	4 200
5. E. J. Zimmerman, Research Associate.....	S-DY	4 200

6. C. J. Taylor, Research Associate.....	S-DY	4 200
7. E. A. Pearlstein, Research Associate.....	S-GY	4 200
(One year from July 1, 1950)		
8. F. L. Peterson, Research Assistant.....	S-DY	3 600
9. H. M. Dieckamp, Research Assistant.....	S-DY	3 240
10. D. E. Riesen, Research Assistant.....	S-DY	3 600
AEC CONTRACT NO. 3		
11. W. R. Heller, Research Associate.....	S-DY	4 200
12. L. M. Slifkin, Research Associate.....	S-DY	4 200

Physics Betatron*Salaries and Wages*

1. D. W. Kerst, Professor.....	AY	\$ 13 000
2. C. S. Robinson, Research Assistant Professor.....	BY'	7 500
3. G. D. Adams, Research Assistant Professor.....	BY'	7 200
4. ———, Research Assistant Professor.....	DY	7 000
5. 3.00 Part-time Assistants.....	DY	9 720
6. Nonacademic Salaries.....	H	25 569
<i>Total, Salaries</i>		(69 989)
Wages.....		2 000
<i>Total, Salaries and Wages</i>		(71 989)

Expense and Equipment

Expense.....		14 000
Equipment.....		6 000
<i>Total, Expense and Equipment</i>		(20 000)
<i>Total, Physics Betatron</i>		\$ 91 989

Theoretical and Applied Mechanics*Salaries and Wages*

1. F. B. Seely, Professor and Head of Department.....	{ C-A50 S-AY50	\$ 4 715 6 285
(Total Salary).....		(11 000)
2. M. L. Enger, Professor of Mechanics and Hydraulics, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. H. F. Moore, Research Professor of Engineering Ma- terials, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
4. N. E. Ensign, Professor, <i>Emeritus</i>	C-A	.....
(Retiring allowance payable by Retirement System)		
5. F. E. Richart, Research Professor of Engineering Ma- terials.....	{ C-A20 S-AY30	..........
(Total Salary).....		.....
(On leave without pay until further notice; dis- ability benefits payable by Retirement System)		
6. ———, Research Professor.....	S-AY	9 200
7. T. J. Dolan, Research Professor.....	{ C-A20 S-AY80	1 425 7 575
(Total Salary).....		(9 000)
8. J. O. Smith, Professor.....	C-A	7 500
9. H. J. Schrader, Research Professor.....	{ C-A40 S-AY60	2 500 5 000
(Total Salary).....		(7 500)
10. H. L. Langhaar, Professor.....	C-A	7 000
11. W. M. Lansford, Professor.....	C-A	6 800
12. J. O. Draffin, Professor.....	C-A	6 700
13. W. J. Putnam, Professor.....	C-A	6 700
14. N. O. Myklestad, Professor.....	C-A	6 500
15. W. L. Collins, Professor.....	C-A	6 300
16. W. L. Schwalbe, Professor.....	C-A	6 000
17. W. N. Findley, Research Associate Professor.....	S-AY	6 800
18. P. G. Jones, Associate Professor.....	C-A	5 800
19. W. E. Black, Associate Professor.....	C-A	5 600

20. O. M. Sidebottom, Assistant Professor	C-B	4 800
21. W. M. Owen, Research Assistant Professor	S-BY'	5 000
22. J. F. Halsey, Research Assistant Professor of Fluid Mechanics	S-BY	5 000
23. M. C. Stippes, Assistant Professor	C-B	4 800
24. H. M. Fitch, Assistant Professor	C-B	4 750
25. R. L. Brown, Assistant Professor	C-B	4 550
26. C. E. Kesler, Assistant Professor	{C-B'50 S-BY'50	2 025 2 475
(Total Salary)		(4 500)
27. C. E. Bowman, Assistant Professor	C-B'	4 500
28. W. J. Worley, Assistant Professor	C-B	4 000
29. H. T. Corten, Instructor	C-D	4 200
30. C. E. Taylor, Instructor	C-D	4 200
31. W. B. Sanders, Instructor	C-D	3 850
32. T. M. Elsesser, Instructor	C-D	3 850
33. A. Q. Mowbray, Jr., Instructor	C-D	3 800
34. M. E. Clark, Instructor	C-D	3 800
35. A. P. Boresi, Instructor	C-D	3 800
36. J. R. Snowden, Instructor	C-D	3 700
37. F. J. Stanek, Instructor	C-D	3 300
38. K. S. Pister, Instructor	C-D50	2 000
39. A. D. Topping, Instructor	C-D50	1 900
40. M. E. Lunchick, Instructor	C-D50	1 800
41. K. N. Tong, Instructor	C-D50	1 800
42. C. E. Work, Instructor	C-D50	1 800
43. A. H. Hausrath, Instructor	C-D33	1 200
44. J. J. Poczatek, Assistant	C-E	2 700
45. D. R. Carner, Instructor	C-D50	1 800
46. 2.25 Part-time Assistants	C-E	5 700
47. Nonacademic Salaries	{C-H S-H	18 939 11 445
Total, Nonacademic Salaries		(30 384)
Total, Salaries, College		(177 104)
Total, Salaries, Station		(58 780)
Total, Salaries		(235 884)
Wages, College		1 000
Wages, Station		1 000
Total, Wages		(2 000)
Total, Salaries and Wages, College		(178 104)
Total, Salaries and Wages, Station		(59 780)
Total, Salaries and Wages		(237 884)
Expense and Equipment		
COLLEGE		
Expense		6 500
Equipment		8 000
Total, College		(14 500)
STATION		
Expense		3 000
Equipment		3 000
Total, Station		(6 000)
Total, Expense and Equipment		(20 500)
Total, Theoretical and Applied Mechanics, College		\$(192 604)
Total, Theoretical and Applied Mechanics, Station		\$ (65 780)
Total, Theoretical and Applied Mechanics		\$ 258 384

Cooperative Investigations**Salaries and Wages****LEAD SHEATHING INVESTIGATION**

1. C. W. Dollins, Research Assistant Professor of Engi- neering Materials	S-DY	\$ 6 000
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OFFICE OF NAVAL RESEARCH TASK IV

2. W. J. Craig, Research Associate.....	S-DY	4 600
3. G. M. Sinclair, Research Associate.....	S-DY	4 200

STEEL CAR WHEELS

4. H. R. Wetenkamp, Research Associate in Engineering Materials.....	S-DY	4 700
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REINFORCED CONCRETE RESEARCH COUNCIL COLUMNS

5. Eivind Hognestad, Research Assistant Professor.....	S-DY	4 900
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DIVIDED POSITIONS

6. R. E. Cramer, Research Associate Professor of Engineering Materials..... (50% Rails Investigation; 50% Wheel Loads, Joint Bars, and Web Stresses)	S-DY	6 800
7. R. S. Jensen, Research Assistant Professor of Engineering Materials..... (50% Wheel Loads, Joint Bars, and Web Stresses; 50% Rails Investigation)	S-DY	5 500

GRADUATE COLLEGE

	Summary	Salaries and Wages	Other Expense	Total
<i>Instruction and Administration</i>				
Administration.....		\$ 51 270	\$ 8 000	\$ 59 270
Publications.....			54 000	54 000
<i>Total</i>		(51 270)	(62 000)	(113 270)
<i>Research</i>				
General Research.....		80 563	73 850	154 413
Illinois Historical Survey.....		1 800	3 200	5 000
Aeromedical and Physical Environment Unit..		4 260	6 000	10 260
Special Graduate Fund.....		133 358		133 358
<i>Total</i>		(219 981)	(83 050)	(303 031)
<i>Student Aid</i>				
Fellowships.....			132 000	132 000
<i>Total, Graduate College</i>		\$271 251	\$277 050	\$548 301

United States Government Contracts

Organized Research:

Estimated new projects and renewals.....	\$75 000	\$25 000	\$100 000
<i>Total, Trust Funds</i>	\$75 000	\$25 000	\$100 000

Administration

<i>Salaries and Wages</i>			
1. L. N. Ridenour, Dean.....	BY}		
Professor of Physics.....	AY}	\$ 15 300	
(On leave without pay September 1, 1950, to September 1, 1951)			
2. R. D. Carmichael, Dean and Professor of Mathematics, <i>Emeritus</i>			
(Retiring allowance payable by Retirement System)			
3. J. R. Smiley, Assistant Dean.....	DY75	6 000	
(See French)	AY25	(1 750)	
(Total Salary)		(7 750)	
4. Emily S. Simmons, Assistant Dean for Graduate Students	DY	4 250	
5. Helen M. Hay, Assistant to the Dean.....	DY	4 500	
6. Nonacademic Salaries.....	H	20 220	
<i>Total, Salaries</i>		(50 270)	
<i>Wages</i>		1 000	
<i>Total, Salaries and Wages</i>		(51 270)	
<i>Expense and Equipment</i>			
Expense.....		8 000	
<i>Total, Administration</i>		\$ 59 270	

<i>Salaries and Wages</i>		Special Graduate Fund	
1. O. H. Mowrer, Research Professor of Psychology.....	A	\$	9 500
2. A. H. Taub, Research Professor of Applied Mathematics	A		9 500
3. Robert Emerson, Research Professor of Botany.....	AY		8 750
4. E. I. Rabinowitch, Research Professor of Botany.....	AY		8 750
5. R. B. Cattell, Research Professor of Psychology.....	A		8 500
6. Leonid Hurwicz, Research Professor of Economics and Mathematical Statistics	A		8 250
7. S. E. Luria, Research Professor of Bacteriology.....	A		8 000
8. R. F. Seybolt, Professor of the Humanities.....	AY		8 000
9. Walker Bleakney, Visiting Professor of Physics.....	E		7 500
10. L. R. Tehon, Professor of Plant Pathology (Without salary)	A		.....
11. R. E. Meagher, Research Associate Professor of Physics and Chief Engineer, Electronic Digital Computer....	AY		8 500
12. A. R. Turquette, Associate Professor of Philosophy....	A50		2 625
(See Philosophy)	A50		(2 625)
(Total Salary)			(5 250)
13. David Gottlieb, Assistant Professor of Plant Pathology..	BY'50		3 100
(See Horticulture)	BY'50		(3 100)
(Total Salary)			(6 200)
14. R. F. Nystrom, Assistant Professor of Chemistry.....	BY		5 500
15. L. E. Goodman, Research Assistant Professor of Civil Engineering	BY		4 800
16. A. S. Holt, Research Associate in Botany.....	DY		5 100
17. Meyer Jerison, Research Associate in Mathematics.....	D		3 200 ¹
18. M. D. Davis, Research Associate in Mathematics.....	D		3 000 ¹
19. M. S. Nishimura, Research Assistant in Botany.....	DY		4 450
20. Y. H. Loo, Biochemist and First Assistant in Animal Nu- trition	DY		4 250
21. 1.50 Part-time Research Assistants.....	E		3 600
22. Unassigned Salaries			458
23. Nonacademic Salaries	H		8 025
<i>Total, Special Graduate Fund.....</i>			<u>\$133 358</u>

<i>Salaries and Wages</i>		Cooperative Investigations	
ELECTRONIC DIGITAL COMPUTER — U. S. ORDINANCE 11362			
1. J. P. Nash, Research Assistant Professor of Applied Mathematics	GY	\$	7 200
(Ten months from November 1, 1950)			
2. Theodore Shapin, Jr., Research Assistant.....	GY		3 720
(June 15, 1950, to August 31, 1951)			
3. M. D. Shapiro, Research Assistant.....	GY		3 480
(July 1, 1950, to August 31, 1951)			
4. J. M. Wier, Research Assistant.....	DY		3 600
GRADUATE COLLEGE INDIRECT COSTS — COMPUTER			
5. E. F. Moore, Assistant Professor of Mathematics.....	D		4 200

<i>Expense and Equipment</i>		Fellowships	
Stipends of Fellows.....			<u>\$132 000</u>
<i>Total, Fellowships</i>			<u>\$132 000</u>

<i>Expense and Equipment</i>		Publications	
Illinois Studies (four series).....			\$ 12 500
Journal of English and Germanic Philology.....			4 000
General Publications			2 500
Scholarly Publications			<u>35 000</u>
<i>Total, Publications</i>			<u>\$ 54 000</u>

¹ Also furnished housing, valued at \$995 a year, for the convenience of the University.

<i>Salaries and Wages</i>		General Research	
1. K. M. Mann, Assistant Professor of Animal Science....	DY	\$	5 000
2. Nonacademic Salaries	H		6 327
<i>Total, Salaries</i>			(11 327)
<i>Wages</i>			69 236
<i>Total, Salaries and Wages</i>			(80 563)
<i>Expense and Equipment</i>			
Expense			43 850
Equipment			30 000
<i>Total, Expense and Equipment</i>			(73 850)
<i>Total, General Research</i>			\$154 413

<i>Salaries and Wages</i>		Illinois Historical Survey	
<i>Wages</i>		\$	1 800
<i>Expense and Equipment</i>			
Expense			1 800
Equipment			1 400
<i>Total, Expense and Equipment</i>			(3 200)
<i>Total, Illinois Historical Survey</i>			\$ 5 000

<i>Salaries and Wages</i>		Aeromedical and Physical Environment Unit	
1. Nonacademic Salaries	H	\$	4 260
<i>Expense and Equipment</i>			
Expense			2 500
Equipment			3 500
<i>Total, Expense and Equipment</i>			(6 000)
<i>Total, Aeromedical and Physical Environment Unit</i> ..			\$ 10 260

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Summary			
	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$ 69 180	\$28 000	\$ 97 180
Business Organization and Operation.....	352 346	.....	352 346
Economics.....	287 150	.....	287 150
<i>Sub-total</i>	(708 676)	(28 000)	(736 676)
Placement Bureau Revolving.....	.....	500	500
<i>Sub-total</i>	(708 676)	(28 500)	(737 176)
Bureau of Economic and Business Research....	67 551	18 750	86 301
Business Management Service.....	51 970	12 000	63 970
<i>Total, College of Commerce and Business Administration</i>	\$828 197	\$59 250	\$887 447

Expendable Gift and Endowment Funds

Instruction (Endowment):			
Estimated new projects and renewals.....	\$ 3 000	.....	\$ 3 000
Organized Research (Gifts):			
Estimated new projects and renewals.....	20 000	10 000	30 000
<i>Total, Trust Funds</i>	\$23 000	\$10 000	\$33 000

<i>Salaries and Wages</i>		Administration	
1. H. R. Bowen, Dean.....	BY}	\$	14 800
Professor of Economics.....	AY}		
2. C. M. Thompson, Dean, <i>Emeritus</i>.....			.....
(Retiring allowance payable by Retirement System)			

3. ———, Associate Dean.....	DY60 ¹	5 400
(See Business Organization and Operation).....	AY40 ¹	(3 600)
(Total Salary)		(9 000)
4. W. C. Robb, Assistant Dean.....	D25	1 500
(See Economics)	A75	(4 500)
(Total Salary)		(6 000)
5. R. I. Dickey, Assistant Dean.....	DY60 ¹	4 500
(See Business Organization and Operation).....	AY40 ¹	(3 000)
(Total Salary)		(7 500)
6. Janet L. Weston, Assistant Professor of Economics.....	B50	2 400
(See Student Counseling Bureau).....	D50	(2 400)
(Total Salary)		(4 800)
7. Nonacademic Salaries	H	37 430
<i>Total, Salaries</i>		(66 030)
Wages		3 150
<i>Total, Salaries and Wages</i>		(69 180)
<i>Expense and Equipment</i>		
Expense		16 000
Equipment		12 000
<i>Total, Expense and Equipment</i>		(28 000)
<i>Total, Administration</i>		\$ 97 180

Commerce Placement Bureau Revolving (Entire budget from receipts)

Expense and Equipment

Expense	\$ 500
<i>Total, Commerce Placement Bureau Revolving</i>	\$ 500

Business Organization and Operation

Salaries and Wages

1. H. T. Scovill, Professor of Accountancy.....	A50	\$ 5 040
Head of Department.....	AY50	6 160
(Total Salary)		(11 200)
2. E. J. Filbey, Professor of Accountancy, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. Lloyd Morey, Professor of Accountancy.....		.....
(Salary under Business Office)		
4. L. A. Bryan, Professor of Management.....		.....
(Salary under Institute of Aviation)		
5. E. P. Strong, Professor of Management.....		.....
(Salary under Business Management Service)		
6. ———, Professor of Accountancy.....	AY40 ¹	3 600
(See Administration)	DY60 ¹	(5 400)
(Total Salary)		(9 000)
7. A. C. Littleton, Professor of Accountancy.....	A	8 300
8. P. D. Converse, Professor of Marketing.....	A75	6 200
(See Bureau of Economic and Business Research)....	A25	(2 050)
(Total Salary)		(8 250)
(On leave with pay Semester II, 1950-1951)		
9. E. R. Dillavou, Professor of Business Law.....	A	8 000
10. P. M. Green, Professor of Management.....	A	8 000
11. C. H. Sandage, Professor of Marketing.....	A50	4 000
(See Journalism and Communications).....	A50	(4 000)
(Total Salary)		(8 000)
12. C. F. Schlatter, Professor of Accountancy.....	A	7 700
13. H. W. Huegy, Professor of Marketing.....	A	7 500
14. C. A. Moyer, Professor of Accountancy.....	A	7 300
15. A. G. Anderson, Professor of Management.....	A	7 000

¹ Includes half-time teaching and half-time administration during the academic year and full-time administration during the summer.

16. H. H. Baily, Professor of Accountancy.....	A	7 000
17. F. H. Beach, Professor of Marketing.....	A	7 000
18. C. J. Gaa, Professor of Accountancy.....	A	7 000
19. H. L. Newcomer, Professor of Accountancy.....	A	7 000
20. M. J. Mandeville, Professor of Management.....	A	6 400
21. E. L. Theiss, Professor of Accountancy.....	A	6 400
22. F. A. Russell, Professor of Marketing.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
23. R. I. Dickey, Associate Professor of Accountancy.....	AY ⁴⁰ ¹	3 000
(See Administration)	DY ⁶⁰ ¹	(4 500)
(Total Salary)		(7 500)
24. ———, Associate Professor of Management.....	DY	7 000
25. S. C. Robinson, Associate Professor of Management.....		.....
(Salary under University Extension)		
26. A. C. Condon, Associate Professor of Secretarial Training	A	6 200
27. F. M. Jones, Associate Professor of Marketing.....	A	6 100
28. R. K. Mautz, Associate Professor of Accountancy.....	A	6 000
29. H. G. Wales, Associate Professor of Marketing.....	A	5 900
30. Robert Dubin, Associate Professor of Management.....	A ₅₀	2 900
(See Sociology and Anthropology).....	A ₅₀	(2 900)
(Total Salary)		(5 800)
31. P. C. Roberts, Associate Professor of Business Law.....	A	5 500
32. H. M. Edwards, Assistant Professor of Management.....		.....
(Salary under Business Office)		
33. C. C. DeLong, Assistant Professor of Accountancy.....		.....
(Salary under Business Office)		
34. R. V. Mitchell, Assistant Professor of Marketing.....	B	5 700
35. Nugent Wedding, Assistant Professor of Marketing.....	B'	5 700
36. J. M. Carrithers, Assistant Professor of Accountancy....	B' ⁷⁵	3 910
Assistant to Head of Department.....	DY ²⁵	1 590
(Total Salary)		(5 500)
37. C. C. Curtis, Assistant Professor of Business Law.....	B'	5 300
38. W. E. Thomas, Assistant Professor of Accountancy.....	B'	5 000
39. H. E. Breen, Assistant Professor of Accountancy.....	B'	4 900
40. N. D. Wakefield, Assistant Professor of Accountancy....	B'	4 900
41. R. B. Buchele, Assistant Professor of Management (Se-		
mester II)	G	2 400
42. ———, Assistant Professor (Semester I).....	G	2 400
43. J. A. Howard, Assistant Professor of Marketing.....	B'	4 500
44. Mrs. Mabel R. Hagan, Assistant Professor of Secretarial		
Training	B ₃₃	1 320
(See Student Teaching).....	B ₅₀	(2 000)
(See Teacher Training Counseling).....	D ₁₇	(680)
(Total Salary)		(4 000)
45. I. A. Cochrun, Lecturer in Marketing.....	D ₂₅	1 300
46. R. H. Cole, Instructor in Marketing.....	D	4 400
47. Elizabeth R. Nelson, Instructor in Secretarial Training..	D	4 300
48. Mrs. Dorothy Litherland, Instructor in Accountancy....	D	4 200
49. F. L. Roberts, Instructor in Marketing.....	D	4 000
50. Mrs. Alice C. Kirkpatrick, Instructor in Business Law...	D	3 900
51. R. L. Patrick, Instructor in Business Law.....	D	3 900
52. J. S. Begando, Instructor in Marketing.....	D	3 800
53. G. D. Brighton, Instructor in Accountancy.....	D	3 800
54. A. E. Marien, Instructor in Marketing.....	D	3 800
55. J. D. Senger, Instructor in Management.....	D	3 800
56. G. E. Martin, Instructor in Marketing.....	D	3 600
57. W. O. Morris, Instructor in Business Law.....	D	3 600
58. J. E. Moyer, Instructor in Marketing.....	D	3 600

¹ Includes half-time teaching and half-time administration during the academic year and full-time administration during the summer.

59. M. D. Richards, Instructor in Management.....	D	3 600
60. Clinton Spivey, Instructor in Management.....	D	3 500
61. D. A. Henning, Instructor in Management.....	D	3 500
62. P. C. Zimmerly, Instructor in Business Law.....	D	3 500
63. K. B. Berg, Instructor in Accountancy.....	D	3 400
64. W. G. Kell, Instructor in Accountancy.....	D50	1 700
65. Mildred E. Reed, Instructor in Secretarial Training.....	D	3 400
66. A. H. Asay, Instructor in Accountancy.....	D	3 300
67. M. N. Broussard, Instructor in Accountancy.....	D	3 200
68. M. L. Pye, Instructor in Accountancy.....	D	3 000
69. R. S. Hancock, Instructor in Marketing.....	D75	2 550
70. D. L. Gentry, Instructor in Marketing.....	D50	1 800
71. M. A. Binkley, Instructor in Accountancy.....	D50	1 700
72. W. A. Terrill, Instructor in Accountancy.....	D50	1 600
73. B. F. Aschbacher, Assistant in Accountancy.....	E	3 000
74. L. M. DeBoer, Assistant in Marketing.....	E	3 000
75. C. L. Dunn, Assistant in Accountancy.....	E	2 900
76. H. J. Jacobs, Assistant in Accountancy.....	E	2 800
77. J. D. Knodell, Jr., Assistant in Business Law.....	E	2 800
78. J. E. Carrico, Assistant in Accountancy.....	E	2 600
79. R. T. Leighton, Assistant in Accountancy.....	E	2 600
80. J. R. Lowery, Assistant in Management.....	E	2 600
81. J. W. Thompson, Assistant in Marketing.....	E	2 600
82. 8.50 Part-time Assistants.....	E	21 100
83. Nonacademic Salaries	H	4 776
<i>Total, Business Organization and Operation.....</i>		<u>\$352 346</u>

*Salaries and Wages***Economics**

1. E. E. Hagen, Professor.....	AY}	\$ 11 000
Chairman of Department.....	BY}	
2. E. L. Bogart, Professor, <i>Emeritus</i> (From Retiring Allowances)		(3 000)
3. C. M. Thompson, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
4. Simon Litman, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
5. H. R. Bowen, Professor.....		.....
(Salary under Administration)		
6. V L. Bassie, Professor.....		.....
(Salary under Bureau of Economic and Business Research)		
7. H. M. Gray, Professor.....	AY	10 000
8. W. E. Chalmers, Professor.....	AY40 ¹	3 800
(See Institute of Labor and Industrial Relations)....	BY60 ¹	(5 700)
(Total Salary)		(9 500)
9. C. A. Hickman, Professor.....		.....
(Salary under Bureau of Economic and Business Research)		
10. D. P. Locklin, McKinley Professor of the Economics of Public Utilities	A	5 300
(From McKinley Professorship Fund).....		(3 000)
(Total Salary)		(8 300)
11. H. K. Allen, Professor.....	A	8 250
12. Leonid Hurwicz, Research Professor.....		.....
(Salary under Graduate College)		
13. W. A. Neiswanger, Professor.....	A	8 200
14. D. W. Smythe, Professor.....	A50	4 000
(See Institute of Communications Research).....	A50	(4 000)
(Total Salary)		(8 000)

¹ Includes half-time teaching and half-time administration during the academic year and full-time administration during the summer.

15. P. M. Van Arsdell, Professor.....	A50	3 555
Vice-Chairman of Department.....	BY'50	4 345
(Total Salary)		(7 900)
16. J. F. Bell, Professor.....	A	7 800
(On leave with pay Semester II, 1950-1951)		
17. R. H. Blodgett, Professor.....	A	7 800
18. Mrs. Dorothy S. Brady, Professor.....	A50	3 900
(See Bureau of Economic and Business Research)...	A50	(3 900)
(Total Salary)		(7 800)
19. Margaret Reid, Professor.....	A	7 800
20. E. T. Weiler, Professor.....	A	7 800
21. E. B. McNatt, Professor.....	A	7 400
22. P. H. Brown, Professor.....	A	7 250
23. D. L. Kemmerer, Professor.....	A	6 800
24. R. M. Nolen, Professor.....	A	6 500
25. W. H. McPherson, Professor.....		.....
(Salary under Institute of Labor and Industrial Relations)		
26. F. E. Lee, Professor.....	A	.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
27. Franco Modigliani, Associate Professor.....		.....
(Salary under Bureau of Economic and Business Research)		
28. R. I. Mehr, Associate Professor.....	A	6 750
29. J. F. Due, Associate Professor.....	A	6 650
30. G. A. Steiner, Associate Professor.....	A	6 500
31. D. P. Flanders, Associate Professor.....	A	6 000
32. R. W. Harbeson, Associate Professor.....	A	6 000
33. George Kleiner, Associate Professor.....	A	6 000
34. W. C. Robb, Associate Professor.....	A75	4 500
(See Administration)	D25	(1 500)
(Total Salary)		(6 000)
35. J. L. McConnell, Associate Professor.....	A	5 800
36. D. W. Paden, Associate Professor.....	A	5 700
37. J. B. Parrish, Associate Professor.....	A	5 700
38. R. W. Mayer, Associate Professor.....	A	5 600
39. R. C. Osborn, Associate Professor.....	A	5 500
40. F. B. Haworth, Associate Professor.....	A	5 350
41. Robert Ferber, Assistant Professor.....		.....
(Salary under Bureau of Economic and Business Research)		
42. Roland Gibson, Assistant Professor.....	D	5 000
43. Grace Beckett, Assistant Professor.....	B	4 800
44. _____, Assistant Professor.....	B	4 800
45. Janet L. Weston, Assistant Professor.....		.....
(Salary under Student Counseling Bureau and Administration)		
46. W. M. Capron, Research Assistant Professor.....		.....
(Salary under Bureau of Economic and Business Research)		
47. J. A. Cochran, Assistant Professor.....	D	4 650
48. E. C. Budd, Assistant Professor.....	D	4 500
49. Robert Campbell, Assistant Professor.....	D	4 500
50. R. H. McEvoy, Assistant Professor.....	B	4 500
51. P. N. Vukasin, Assistant Professor.....	D	4 500
52. Harriet D. Hudson, Assistant Professor.....	B	4 200
53. D. H. Hoover, Associate, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
54. O. C. Herfindahl, Instructor.....	D	4 650
55. Robert Eisner, Instructor.....	D	4 500

56. H. A. Cutler, Instructor.....	D	4 300
57. T. E. Cammack, Instructor.....	D	4 100
58. D. B. Smith, Instructor.....	D	4 000
59. Mrs. Mildred Patterson, Assistant.....	E	2 600
60. 9.50 Part-time Assistants.....	E	24 000
<i>Total, Economics</i>		<u>\$287 150</u>

Bureau of Economic and Business Research

Salaries and Wages

1. V L. Bassie, Director.....	BY'}	\$ 10 300
Professor of Economics.....	AY }	
2. C. A. Hickman, Research Professor of Economics.....	DY	8 500
3. P. D. Converse, Research Professor of Marketing.....	A25	2 050
(See Business Organization and Operation).....	A75	(6 200)
(Total Salary)		(8 250)
(On leave with pay Semester II, 1950-1951)		
4. Mrs. Dorothy S. Brady, Research Professor of Economics	A50	3 900
(See Economics)	A50	(3 900)
(Total Salary)		(7 800)
5. Robert Ferber, Research Assistant Professor of Eco-		
nomics	BY'	6 600
6. W. M. Capron, Research Assistant Professor of Eco-		
nomics	BY	5 700
7. Mrs. Hilda R. Stice, Research Assistant Professor of		
Economics	BY'	4 900
8. Inez Conley, Research Associate.....	DY ⁵⁰	2 100
9. Kathleen Dunlop, Research Assistant.....	DY	3 200
10. Mrs. Anne N. Gher, Research Assistant.....	DY	3 200
11. R. W. Wolff, Research Assistant.....	DY	3 000
12. 1.00 Part-time Research Assistants.....	DY	3 200
13. Nonacademic Salaries	H	8 901
<i>Total, Salaries</i>		(65 551)
Wages		2 000
<i>Total, Salaries and Wages</i>		(67 551)

Expense and Equipment

Expense		18 750
<i>Total, Bureau of Economic and Business Research</i>		<u>\$ 86 301</u>

Cooperative Investigations

MERRILL FOUNDATION

1. Franco Modigliani, Research Associate Professor of Eco-		
nomics	AY	\$ 9 500
2. Mrs. Jean A. Bronfenbrenner, Research Associate.....	DY	5 000
3. Avram Kisselgoff, Research Associate.....	GY	5 850
(July 1, 1950, to August 31, 1951)		
4. _____, Research Assistant.....	DY	2 700
5. Mary Lou Walling, Research Assistant.....	DY	2 700

Business Management Service

Salaries and Wages

1. E. P. Strong, Director.....	BY'}	\$ 10 200
Professor of Management.....	AY }	
2. R. D. Loken, Professor of Management.....	AY	9 100
3. H. S. Hall, Lecturer in Management.....	DY	6 500
4. D. W. Belcher, Assistant Professor of Management.....	DY	6 250
5. R. L. Walston, Lecturer in Management.....	DY ⁵⁰	2 500
(See University Extension).....	DY ⁵⁰	(2 500)
(Total Salary)		(5 000)
6. J. L. Shimek, Editor, with rank of Instructor.....	DY	4 500
7. R. G. Seymour, Assistant to the Director, with rank of		
Instructor	DY ⁷⁵	4 500
8. .75 Part-time Assistants.....	DY	2 000

9. Nonacademic Salaries	H	6 420
<i>Total, Salaries</i>		(51 970)
<i>Expense and Equipment</i>		
Expense		12 000
<i>Total, Business Management Service</i>		\$ 63 970

COLLEGE OF EDUCATION

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$27 681	\$ 3 350	\$31 031
Agricultural Education.....	26 045	2 700	28 745
Education.....	242 200	17 200	259 400
Home Economics Education.....	8 991	1 750	10 741
Industrial Education.....	30 225	4 700	34 925
University Council on Teacher Education			
Administration.....	10 796	3 021	13 817
Placement and Follow-Up.....	43 683	10 000	53 683
Teacher Training Counseling.....	43 215	200	43 415
Student Teaching.....	136 707	11 250	147 957
University High School.....	93 058	7 500	100 558
<i>Sub-total</i>	(662 601)	(61 671)	(724 272)
Bureau of Research and Service.....	157 677	30 170	187 847
Evaluation Unit Revolving.....	7 168	6 500	13 668
<i>Total, College of Education</i>	\$827 446	\$98 341	\$925 787

Expendable Gift Funds

Instruction and Departmental Research:			
Estimated new projects and renewals.....	\$3 500	\$1 500	\$5 000
Organized Research (Gifts):			
Estimated new projects and renewals.....	200	50	250
<i>Total, Trust Funds</i>	\$3 700	\$1 550	\$5 250

Administration

<i>Salaries and Wages</i>			
1. W. B. Spalding, Dean.....	BY}	\$ 13 400	
Professor	AY}		
2. C. W. Sanford, Associate Dean.....	BY	.....
(Salary under University Council on Teacher Education)			
3. G. C. Finlay, Assistant to the Dean and Assistant Professor	BY'50	2 900	
(See Teacher Training Counseling).....	BY'50	(2 900)	
(Total Salary)		(5 800)	
4. Nonacademic Salaries	H	11 081	
<i>Total, Salaries</i>		(27 381)	
<i>Wages</i>		300	
<i>Total, Salaries and Wages</i>		(27 681)	
<i>Expense and Equipment</i>			
Expense		2 200	
Equipment		500	
Contingent		650	
<i>Total, Expense and Equipment</i>		(3 350)	
<i>Total, Administration</i>		\$ 31 031	

Agricultural Education

<i>Salaries and Wages</i>			
1. H. M. Hamlin, Professor.....	AY	\$ 10 000	
2. G. P. Deyoe, Professor.....	AY80	6 980	
(See Student Teaching).....	AY20	(1 745)	
(Total Salary)		(8 725)	

3. A. W. Nolan, Associate Professor, <i>Emeritus</i>.....	.....
(Retiring allowance payable by Retirement System)		
4. J. N. Weiss, Assistant Professor.....	BY'41	2 500
(See Teacher Training Counseling).....	DY17	(1 000)
(See Student Teaching).....	BY'42	(2 500)
(Total Salary)		(6 000)
5. Lloyd Phipps, Assistant Professor.....	BY'21	1 185
(See Teacher Training Counseling).....	DY17	(988)
(See Student Teaching).....	BY'62	(3 752)
(Total Salary)		(5 925)
6. L. L. Knuti, Instructor.....	D30	1 200
(See Teacher Training Counseling).....	D50	(2 000)
(See Student Teaching).....	D20	(800)
(Total Salary)		(4 000)
7. Nonacademic Salaries	H	4 080
<i>Total, Salaries</i>		(25 945)
Wages		100
<i>Total, Salaries and Wages</i>		(26 045)
<i>Expense and Equipment</i>		
Expense		2 500
Equipment		200
<i>Total, Expense and Equipment</i>		(2 700)
<i>Total, Agricultural Education</i>		\$ 28 745

Education

Salaries and Wages

1. C. R. Griffith, Professor.....	.....
(Salary under Provost's Office)		
2. R. B. Browne, Professor.....	.....
(Salary under University Extension and Summer Ses-		
sion)		
3. O. F. Weber, Professor, <i>Emeritus</i>.....	.....
(Retiring allowance payable by Retirement System)		
4. T. E. Benner, Professor.....	A	\$ 9 000
5. E. F. Potthoff, Professor.....	AY25	2 181
(See Bureau of Institutional Research).....	DY75	(6 544)
(Total Salary)		(8 725)
6. B. O. Smith, Professor.....	A	8 000
(On leave with pay Semester I, 1950-1951)		
7. H. C. Hand, Professor.....	A	8 000
8. E. H. Reeder, Professor.....	A	7 600
9. S. A. Kirk, Professor.....	A	7 550
(On leave without pay from September 1 to October		
29, 1950)		
10. K. D. Benne, Professor.....	A	7 500
11. A. W. Clevenger, Professor.....	A25	1 812
(See Bureau of Research and Service).....	A75	(5 438)
(Total Salary)		(7 250)
12. R. W. Burnett, Professor.....	A	7 050
13. William Van Til, Professor.....	A	7 050
14. J. J. DeBoer, Professor.....	A	7 050
15. W. V. Kaulfers, Professor.....	A	6 700
16. G. M. Blair, Professor.....	A	6 500
17. E. W. Dolch, Professor.....	A	6 450
18. F. H. Finch, Professor.....	A67	4 268
(See University Extension).....	A33	(2 132)
(Total Salary)		(6 400)
19. P. V. Miller, Professor.....	A	6 300
20. C. W. Odell, Professor.....	A	6 000
21. R. H. Simpson, Professor.....	A	6 150
22. J. H. Shores, Professor.....	A71	4 248
(See University Extension).....	A29	(1 752)
(Total Salary)		(6 000)

23. L. B. Fisher, Associate Professor.....	AY33	2 400
(See Committee on Admissions from Secondary Schools)	AY67	(4 600)
(Total Salary)		(7 000)
24. K. B. Henderson, Associate Professor.....	A	6 100
25. H. S. Zim, Associate Professor.....	D	6 000
26. A. W. Anderson, Associate Professor.....	A	5 950
27. _____, Associate Professor.....	A	5 800
28. C. G. Knapp, Associate Professor.....	A33	1 734
(See Student Teaching).....	A67	(3 466)
(Total Salary)		(5 200)
29. F. P. Barnes, Assistant Professor.....	B'33	1 800
(See Student Teaching).....	B'67	(3 600)
(Total Salary)		(5 400)
30. W. O. Stanley, Assistant Professor.....	B'	5 200
31. R. G. Brill, Assistant Professor.....	D	5 200
32. G. W. Reagan, Assistant Professor.....	B	5 076
33. W. M. Lifton, Assistant Professor.....	D	5 000
34. Mrs. Nell C. B. Johnston, Assistant Professor, <i>Emerita</i>..		.....
(Retiring allowance payable by Retirement System)		
35. G. O. Johnson, Assistant Professor.....	D50	2 350
(See Student Teaching).....	D50	(2 350)
(Total Salary)		(4 700)
36. E. M. Woodman, Assistant Professor.....	B'	4 700
37. Foster McMurray, Assistant Professor.....	D	4 500
38. _____, Assistant Professor.....	D	4 500
39. _____, Assistant Professor.....	D	4 500
40. L. E. Metcalf, Assistant Professor.....	D25	1 100
(See Student Teaching).....	D75	(3 300)
(Total Salary)		(4 400)
41. R. F. Topp, Assistant Professor.....	DY	5 100
42. L. V. Peterson, Instructor.....		.....
(Salary under Visual Communications)		
43. _____, Instructor	D	4 500
44. 13.50 Part-time Assistants.....	E	22 980
45. Nonacademic Salaries	H	14 361
<i>Total, Salaries</i>		(238 260)
Wages		3 940
<i>Total, Salaries and Wages</i>		(242 200)
<i>Expense and Equipment</i>		
Expense, General		13 000
Secondary School Curriculum Program and Service Activities.		3 500
Equipment, General		700
<i>Total, Expense and Equipment</i>		(17 200)
<i>Total, Education</i>		\$259 400

Home Economics Education

<i>Salaries and Wages</i>		
1. Letitia Walsh, Professor.....	A	\$ 6 450
2. Anna Belle Robinson, Assistant Professor.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
3. Mildred J. Moore, Instructor.....	D25	1 041
(See Student Teaching).....	D40	(1 666)
(From Trust Illinois Home Bureau).....	D35	(1 457)
(Total Salary)		(4 164)
<i>Total, Salaries</i>		(7 491)
Wages		1 500
<i>Total, Salaries and Wages</i>		(8 991)
<i>Expense and Equipment</i>		
Expense		1 500
Equipment		250
<i>Total, Expense and Equipment</i>		(1 750)
<i>Total, Home Economics Education</i>		\$ 10 741

<i>Salaries and Wages</i>		Industrial Education	
1. A. B. Mays, Professor.....	A	\$	7 500
2. A. F. Dodge, Professor, <i>Emeritus</i> (Retiring allowance payable by Retirement System)	A		.....
3. M. K. Humble, Associate Professor.....	A67		3 800
(See Student Teaching).....	A33		(1 900)
(Total Salary)			(5 700)
4. M. R. Karnes, Associate Professor.....	A		5 400
5. J. H. Lambert, Assistant Professor.....	B		5 500
6. R. N. Evans, Assistant Professor.....	D		4 500
7. ———, Assistant Professor.....	D25		1 125
(See University High School).....	D50		(2 250)
(See Student Teaching).....	D25		(1 125)
(Total Salary)			(4 500)
8. H. H. Braucher, Associate, <i>Emeritus</i> (From Retiring Allowances)			(1 132)
9. .50 Part-time Assistants.....	E		1 200
<i>Total, Salaries</i>			(29 025)
Wages			1 200
<i>Total, Salaries and Wages</i>			(30 225)
<i>Expense and Equipment</i>			
Expense			4 500
Equipment			200
<i>Total, Expense and Equipment</i>			(4 700)
<i>Total, Industrial Education</i>			\$ 34 925

University Council on Teacher Education			
Administration			
Salaries and Wages			
1. C. W. Sanford, Associate Dean and Coordinator of Teacher Education	DY50	\$	4 625
(From Trust State Superintendent of Public Instruc- tion)	DY50		(4 625)
Professor of Education.....	AY		.....
(Total Salary)			(9 250)
2. Nonacademic Salaries	H		4 944
Total, Salaries			(9 569)
Wages			1 227
Total, Salaries and Wages.....			(10 796)
Expense and Equipment			
Expense			2 300
Expense, Illinois Secondary School Curriculum Program (from Educational Nonrecurring).....			(8 500)
Equipment			721
Total, Expense and Equipment.....			(3 021)
Total, Administration		\$	13 817

Placement and Follow-Up			
Salaries and Wages			
1. J. L. Trump, Head of Teacher Placement.....	BY}	\$	7 975
Associate Professor of Education.....	AY}		
2. H. D. Trimble, Associate Professor of Education.....	AY		7 250
3. G. F. Anderson, Assistant Professor of Education.....	DY		5 500
4. R. E. Schultz, Instructor in Education.....	DY		4 200
5. 1.75 Research Assistants.....	DY		4 900
6. Nonacademic Salaries	H		11 358
Total, Salaries			(41 183)
Wages			2 500
Total, Salaries and Wages.....			(43 683)

Expense and Equipment

Expense	9 000
Equipment	1 000
<i>Total, Expense and Equipment</i>	(10 000)
<i>Total, Placement and Follow-Up</i>	\$ 53 683

Teacher Training Counseling*Salaries and Wages*

1. G. C. Finlay, Head of Counseling Services.....	BY'50	\$ 2 900
(See Administration)	BY'50	(2 900)
(Total Salary)		(5 800)
2. G. T. Stafford, Coordinator of Health Education.....	D25	1 875
(See University Extension).....	D50	(3 750)
(See Physical Education for Men).....	A25	(1 875)
(Total Salary)		(7 500)
3. H. J. Fuller, Counselor.....	D15	930
(See Botany)	A85	(5 270)
(Total Salary)		(6 200)
4. J. N. Weiss, Counselor.....	DY17	1 000
(See Agricultural Education).....	BY'41	(2 500)
(See Student Teaching).....	BY'42	(2 500)
(Total Salary)		(6 000)
5. Severina E. Nelson, Counselor.....	D20	1 200
(See Speech)	A80	(4 800)
(Total Salary)		(6 000)
6. Lloyd Phipps, Counselor.....	DY17	988
(See Agricultural Education).....	BY'21	(1 185)
(See Student Teaching).....	BY'62	(3 752)
(Total Salary)		(5 925)
7. H. A. Schultz, Counselor.....	D17	985
(See Student Teaching).....	A33	(1 965)
(See Art)	A50	(2 950)
(Total Salary)		(5 900)
8. R. H. Johnson, Counselor.....	D60	3 480
(See Physical Education for Men).....	B'40	(2 320)
(Total Salary)		(5 800)
9. A. E. Florio, Counselor.....	D55	3 135
(See Physical Education for Men).....	B'45	(2 565)
(Total Salary)		(5 700)
10. Mrs. Velma K. Wilson, Counselor.....	D33	1 799
(See Student Teaching).....	A25	(1 362)
(See Music)	A42	(2 289)
(Total Salary)		(5 450)
11. Liesette J. McHarry, Counselor.....	D17	918
(See Student Teaching).....	A83	(4 482)
(Total Salary)		(5 400)
12. K. A. Windesheim, Counselor.....	D15	795
(See Speech)	A85	(4 505)
(Total Salary)		(5 300)
13. J. N. Hook, Counselor.....	D33	1 700
(See English)	A67	(3 400)
(Total Salary)		(5 100)
14. W. E. Harnish, Counselor.....	D17	840
(See Student Teaching).....	A83	(4 160)
(Total Salary)		(5 000)
15. J. S. Flores, Counselor.....	D15	720
(See Spanish and Italian).....	B85	(4 080)
(Total Salary)		(4 800)
16. D. S. Ward, Counselor.....	D17	758
(See Student Teaching).....	D83	(3 692)
(Total Salary)		(4 450)

17. Enid Schnauber, Counselor.....	D25	1 075
(See Physical Education for Women).....	B75	(3 225)
(Total Salary)		(4 300)
18. Colleen J. Kirk, Counselor.....	D34	1 455
(See Student Teaching).....	D33	(1 413)
(See Music)	D33	(1 412)
(Total Salary)		(4 280)
19. L. L. Knuti, Counselor.....	D50	2 000
(See Agricultural Education).....	D30	(1 200)
(See Student Teaching).....	D20	(800)
(Total Salary)		(4 000)
20. R. E. Pingry, Counselor.....	D25	1 050
(See Mathematics)	B'33	(1 400)
(See Student Teaching).....	B'42	(1 750)
(Total Salary)		(4 200)
21. Mrs. Mabel R. Hagan, Counselor.....	D17	680
(See Business Organization and Operation).....	B33	(1 320)
(See Student Teaching).....	B50	(2 000)
(Total Salary)		(4 000)
22. Nancy E. Houston, Counselor.....	D20	780
(See Physical Education for Women).....	D80	(3 120)
(Total Salary)		(3 900)
23. R. M. Sutton, Counselor.....	D33	1 275
(See History)	D67	(2 550)
(Total Salary)		(3 825)
24. Mrs. Metta M. Zahorsky, Counselor.....	D33	1 350
(See Student Teaching).....	D17	(675)
(Total Salary)		(2 025)
25. _____, Counselor and Instructor in Education...	D50	2 000
26. _____, Counselor and Instructor in Education...	D50	2 000
27. _____, Counselor	E33	1 200
28. _____, Counselor	E33	800
29. Counselors Unassigned	D	2 325
30. Nonacademic Salaries	H	1 002
<i>Total, Salaries</i>		(43 015)
Wages		200
<i>Total, Salaries and Wages</i>		(43 215)
<i>Expense and Equipment</i>		
Expense		200
<i>Total, Teacher Training Counseling</i>		\$ 43 415

Student Teaching

Salaries and Wages

1. M. M. Ohlsen, Head of Student Teaching and Associate Professor of Education.....	GY	\$ 7 500
(Two years from September 1, 1950)		
2. G. P. Deyoe, Professor of Agricultural Education.....	AY20	1 745
(See Agricultural Education).....	AY80	(6 980)
(Total Salary)		(8 725)
3. D. W. Snader, Professor of Education.....	A	7 000
4. H. A. Schultz, Associate Professor of Art Education....	A33	1 965
(See Art)	A50	(2 950)
(See Teacher Training Counseling).....	D17	(985)
(Total Salary)		(5 900)
5. M. K. Humble, Associate Professor of Industrial Education	A33	1 900
(See Industrial Education).....	A67	(3 800)
(Total Salary)		(5 700)
6. Mrs. Velma K. Wilson, Associate Professor of Music Education	A25	1 362
(See Music)	A42	(2 289)
(See Teacher Training Counseling).....	D33	(1 799)
(Total Salary)		(5 450)

7. C. G. Knapp, Associate Professor of Education.....	A67	3 466
(See Education)	A33	(1 734)
(Total Salary)		(5 200)
8. W. E. Harnish, Associate Professor of Education.....	A83	4 160
(See Teacher Training Counseling).....	D17	(840)
(Total Salary)		(5 000)
9. J. N. Weiss, Assistant Professor of Agricultural Educa- tion	BY'42	2 500
(See Agricultural Education).....	BY'41	(2 500)
(See Teacher Training Counseling).....	DY17	(1 000)
(Total Salary)		(6 000)
10. Lloyd Phipps, Assistant Professor of Agricultural Edu- cation	BY'62	3 752
(See Agricultural Education).....	BY'21	(1 185)
(See Teacher Training Counseling).....	DY17	(988)
(Total Salary)		(5 925)
11. M. Florence Lawson, Assistant Professor of Physical Education	B'50	2 725
(See Physical Education for Women).....	B'50	(2 725)
(Total Salary)		(5 450)
12. Liesette J. McHarry, Associate Professor of Education... A83		4 482
(See Teacher Training Counseling).....	D17	(918)
(Total Salary)		(5 400)
13. F. P. Barnes, Assistant Professor of Education.....	B'67	3 600
(See Education)	B'33	(1 800)
(Total Salary)		(5 400)
14. Wolfgang Kuhn, Assistant Professor of Education.....	B'50	2 388
(See Music)	B'35	(1 611)
(See University Extension).....	BY'15	(776)
(Total Salary)		(4 775)
15. G. O. Johnson, Assistant Professor of Education.....	D50	2 350
(See Education)	D50	(2 350)
(Total Salary)		(4 700)
16. G. C. Kettelkamp, Assistant Professor of Education.....	B'	4 700
17. D. E. Misner, Assistant Professor of Education.....	D50	2 300
(See University High School).....	D50	(2 300)
(Total Salary)		(4 600)
18. ———, Assistant Professor of Education.....	D25	1 125
(See University High School).....	D50	(2 250)
(See Industrial Education).....	D25	(1 125)
(Total Salary)		(4 500)
19. L. E. Metcalf, Assistant Professor of Education.....	D75	3 300
(See Education)	D25	(1 100)
(Total Salary)		(4 400)
20. H. L. Mueller, Assistant Professor of Education.....	B'50	2 200
(See Speech)	B'50	(2 200)
(Total Salary)		(4 400)
21. R. E. Pingry, Assistant Professor of Education.....	B'42	1 750
(See Mathematics)	B'33	(1 400)
(See Teacher Training Counseling).....	D25	(1 050)
(Total Salary)		(4 200)
22. Mrs. Mabel R. Hagan, Assistant Professor of Education.. B50		2 000
(See Business Organization and Operation).....	B33	(1 320)
(See Teacher Training Counseling).....	D17	(680)
(Total Salary)		(4 000)
23. D. S. Ward, Instructor.....	D83	3 692
(See Teacher Training Counseling).....	D17	(758)
(Total Salary)		(4 450)
24. Colleen J. Kirk, Instructor.....	D33	1 413
(See Music)	D33	(1 412)
(See Teacher Training Counseling).....	D34	(1 455)
(Total Salary)		(4 280)

25. Mildred J. Moore, Instructor in Home Economics Education	D40	1 666
(See Home Economics Education).....	D25	(1 041)
(From Illinois Home Bureau).....	D35	(1 457)
(Total Salary)		(4 164)
26. L. L. Knuti, Instructor in Agricultural Education.....	D20	800
(See Agricultural Education).....	D30	(1 200)
(See Teacher Training Counseling).....	D50	(2 000)
(Total Salary)		(4 000)
27. R. I. Miller, Instructor.....	D62	2 340
(See Physical Education for Men).....	D38	(1 410)
(Total Salary)		(3 750)
28. Hazel Bothwell, Instructor.....	D50	1 500
(See Speech)	D50	(1 500)
(Total Salary)		(3 000)
29. Mrs. Metta M. Zahorsky, Instructor in Home Economics Education	D17	675
(See Teacher Training Counseling).....	D33	(1 350)
(Total Salary)		(2 025)
30. Marjorie Brown, Instructor.....	D50	2 000
31. _____, Instructor	D50	2 000
32. _____, Instructor	D50	2 000
33. _____, Instructor	D50	2 000
34. _____, Instructor	D50	2 000
35. _____, Instructor	D50	2 000
36. _____, Instructor	D50	2 000
37. Beulah J. Drom, Instructor.....	D50	1 875
38. _____, Instructor	D40	1 600
39. _____, Instructor	D40	1 600
40. _____, Instructor	D40	1 600
41. _____, Instructor	D40	1 600
42. _____, Instructor (Semester II).....	G50	1 000
43. _____, Instructor (Semester II).....	G50	1 000
44. Unassigned Supervisors.....		2 000
45. Cooperating Teachers		28 000
46. Nonacademic Salaries	H	2 076
<i>Total, Salaries</i>		(136 707)
<i>Expense and Equipment</i>		
Expense		11 050
Equipment		200
<i>Total, Expense and Equipment</i>		(11 250)
<i>Total, Student Teaching</i>		\$147 957

University High School

Salaries and Wages

1. C. M. Allen, Principal of University High School.....	BY}	\$ 7 000
Associate Professor of Education.....	AY}	
2. Mrs. Marjorie J. Schaeve, University High School Librarian .....		.....
(Salary under Library)		
3. D. E. Misner, Assistant Professor of Education.....	D50	2 300
(See Student Teaching).....	D50	(2 300)
(Total Salary)		(4 600)
4. _____, Assistant Professor of Education.....	D50	2 250
(See Industrial Education).....	D25	(1 125)
(See Student Teaching).....	D25	(1 125)
(Total Salary)		(4 500)
5. A. D. Lacky, Instructor in Education.....	D	4 400
6. J. W. Hanson, Instructor in Education.....	D	4 250
7. Pauline E. Changnon, Instructor in Education.....	D	4 200
8. W. H. Schuetz, Instructor in Education.....	D	3 900
9. Mrs. Margarete B. Cantrall, Instructor in Education.....	D	3 900

10. Mrs. Audry Lindsey, Instructor in Education.....	D	3 900
11. Mrs. Frances D. Wilson, Instructor in Education, <i>Emerita</i> (Retiring allowance payable by Retirement System)	.....	.....
12. _____, Instructor in Education.....	D	3 500
13. _____, Instructor in Education.....	D	3 400
14. A. M. Lashbrook, Instructor in Education.....	D	3 400
15. R. F. Seaman, Instructor in Education.....	D	3 350
16. C. R. Stafford, Instructor in Education.....	D	3 350
17. W. L. Winnett, Instructor in Education.....	D	3 250
18. Sue C. Crain, Instructor in Education.....	D67	3 230
19. Mrs. Dorothy L. DeMers, Instructor in Education.....	D	3 200
20. _____, Instructor in Education.....	D50	1 600
21. Mrs. Betty J. Owen, Instructor in Education.....	D	3 100
22. Billie R. Gill, Instructor in Education.....	D	3 000
23. _____, Instructor in Education.....	D50	1 600
24. _____, Instructor in Education.....	D50	1 500
25. _____, Assistant in Education.....	E	3 350
26. _____, Assistant in Education.....	E	3 000
27. 1.75 Part-time Assistants.....	E	4 800
28. Nonacademic Salaries.....	H	7 128
<i>Total, Salaries</i>		(91 858)
Wages		1 200
<i>Total, Salaries and Wages</i>		(93 058)
<i>Expense and Equipment</i>		
Expense		5 000
Equipment		2 500
<i>Total, Expense and Equipment</i>		(7 500)
<i>Total, University High School</i>		\$100 558

Salaries and Wages Bureau of Research and Service

GENERAL

1. F. G. Cornell, Director.....	BY}	\$ 11 000
Professor of Education.....	AY}	
2. W. S. Monroe, Distinguished Professor of Education, <i>Emeritus</i> .....	.....	.....
(Retiring allowance payable by Retirement System)		
3. A. W. Clevenger, Professor of Education.....	A75	5 438
(See Education)	A25	(1 812)
(Total Salary)		(7 250)
4. L. J. Cronbach, Professor of Education.....	AY	7 800
5. W. P. McLure, Associate Professor of Education.....	AY	7 325
6. M. R. Sumption, Associate Professor of Education.....	AY	7 240
7. Mrs. Celia B. Stendler, Associate Professor of Education	AY	6 500
8. _____, Associate Professor of Education.....	AY	6 500
9. N. L. Gage, Assistant Professor of Education.....	BY'	5 750
10. W. E. Martin, Assistant Professor of Education.....	BY'	5 725
11. _____, Assistant Professor of Education.....	AY	5 500
12. W. W. Charters, Jr., Assistant Professor of Education...	DY	4 800
13. D. J. Inabnit, Instructor in Education.....	DY	4 125
14. J. L. Landes, Research Assistant.....	DY	3 400
15. 8.00 Part-time Research Assistants.....	DY	22 800
16. Nonacademic Salaries	H	14 916
<i>Total, Salaries, General</i>		(118 819)

EVALUATION UNIT

17. J. T. Hastings, University Examiner; Technical Director, Evaluation Unit; Associate Professor of Education.	AY	6 725
18. D. R. Krathwohl, Instructor.....	DY	4 925
19. 2.00 Part-time Research Assistants.....	DY	6 000
20. Nonacademic Salaries	H	12 858
<i>Total, Salaries, Evaluation Unit</i>		(30 508)
<i>Total, Salaries</i>		(149 327)

Wages, General	7 500
Wages, Evaluation Unit.....	(850)
<i>Total, Wages</i>	(8 350)
<i>Total, Salaries and Wages</i>	(157 677)
<i>Expense and Equipment</i>	
Expense, General	20 000
Expense, Evaluation Unit.....	9 420
Equipment, General	600
Equipment, Evaluation Unit.....	150
<i>Total, Expense and Equipment</i>	(30 170)
<i>Total, Bureau of Research and Service</i>	\$187 847
Evaluation Unit Revolving (Entire budget from receipts)	
<i>Salaries and Wages</i>	
1. Nonacademic Salaries	H \$ 1 908
Wages	5 260
<i>Total, Salaries and Wages</i>	(7 168)
<i>Expense and Equipment</i>	
Expense	6 500
<i>Total, Evaluation Unit Revolving</i>	\$ 13 668

COLLEGE OF FINE AND APPLIED ARTS

Summary			
	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$ 23 578	\$ 35 000	\$ 58 578
Architecture.....	231 091	11 100	242 191
Art	168 608	6 000	174 608
Landscape Architecture.....	36 078	970	37 048
School of Music.....	269 800	40 500	310 300
University of Illinois Bands.....	21 991	15 000	36 991
<i>Sub-total</i>	(751 146)	(108 570)	(859 716)
University of Illinois Bands Revolving.....		2 500	2 500
University Chorus Revolving.....		500	500
<i>Sub-total</i>	(751 146)	(111 570)	(862 716)
Bureau of Community Planning.....	19 490	4 500	23 990
<i>Total, College of Fine and Applied Arts..</i>	<i>\$770 636</i>	<i>\$116 070</i>	<i>\$886 706</i>

Expendable Gift and Endowment Funds

Instruction:			
Endowment Income	\$ 750	\$ 250	\$ 1 000
Gifts	1 500		1 500
<i>Total</i>	(2 250)	(250)	(2 500)
Organized Research (Gifts):			
Estimated new projects and renewals.....	12 500	2 500	15 000
<i>Total, Trust Funds</i>	<i>\$14 750</i>	<i>\$2 750</i>	<i>\$17 500</i>

Administration

<i>Salaries and Wages</i>			
1. Rexford Newcomb, Dean.....	BY ⁷	\$12 400	
Professor of the History of Architecture.....	AY		
Director of Bureau of Community Planning.....	BY ⁷		
2. C. E. Palmer, Associate Dean.....	DY ⁵⁰	5 000	
(See Architecture)	A50	(4 000)	
(Total Salary)		(9 000)	
3. Nonacademic Salaries	H	5 178	
<i>Total, Salaries</i>		(22 578)	
Wages		1 000	
<i>Total, Salaries and Wages</i>		(23 578)	

Expense and Equipment

Expense	4 000
Equipment	500
Exhibits and Lectures.....	5 000
Contingent	500
Special Art Project.....	25 000
<i>Total, Expense and Equipment.....</i>	<i>(35 000)</i>
<i>Total, Administration</i>	<i>\$ 58 578</i>

Architecture*Salaries and Wages*

1. T. C. Bannister, Professor and Head of Department....	A	\$ 10 500
2. L. H. Provine, Professor, <i>Emeritus</i>.....	.....	.....
(Retiring allowance payable by Retirement System)		
3. Rexford Newcomb, Professor of History of Architecture	.....	.....
(Salary under Administration)		
4. _____, Professor of Design.....	A	9 000
5. C. E. Palmer, Professor of Architectural Engineering....	A ₅₀	4 000
(See Administration)		DY ₅₀
(Total Salary)		(9 000)
6. _____, Research Professor of Structural Design	A	10 000
6a. C. C. Briggs, Visiting Professor.....	A ₅₀	4 800
7. W. S. Kinne, Jr., Professor.....	A	7 500
8. A. K. Laing, Professor.....	A	7 500
(On leave with one-half pay 1950-1951)		
9. N. D. Morgan, Professor of Architectural Engineering...	A	7 500
10. _____, Professor of Structural Design.....	A	7 000
11. E. I. Love, Professor.....	A	6 800
12. _____, Professor	A	6 600
13. Gabriel Guevrekian, Professor.....	A	6 500
14. O. S. Fjelde, Professor.....	A	6 400
15. F. M. Lescher, Professor, <i>Emeritus</i>.....	.....	.....
(Retiring allowance payable by Retirement System)		
16. W. H. Scheick, Professor.....	.....	.....
(Salary under Small Homes Council)		
17. J. T. Lendrum, Professor.....	.....	.....
(Salary under Small Homes Council)		
18. T. E. O'Donnell, Associate Professor.....	.....	.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
19. G. S. Keith, Associate Professor.....	A	6 400
20. J. E. Branch, Associate Professor.....	A	6 200
21. E. F. Toth, Associate Professor.....	A	5 800
22. A. R. Williams, Associate Professor.....	A	5 600
23. D. B. Lindsay, Associate Professor.....	A	5 600
24. J. W. Wood, Associate Professor.....	A	5 500
25. _____, Associate Professor.....	A	5 500
26. _____, Associate Professor.....	A	5 500
27. _____, Associate Professor.....	A	5 200
28. R. J. Smith, Assistant Professor.....	B'	5 400
29. R. M. Line, Assistant Professor.....	B	4 750
30. F. D. Miles, Assistant Professor.....	B	4 750
31. J. M. Barrow, Assistant Professor.....	B' ₇₅	3 500
32. E. M. Farnham, Assistant Professor.....	B'	4 600
33. W. M. Johnson, Assistant Professor.....	B'	4 400
34. J. A. Prestridge, Jr., Assistant Professor.....	B'	4 400
35. J. S. Baker, Assistant Professor.....	B'	4 000
36. H. C. Edwards, Instructor.....	D	4 000
37. C. B. Looker, Jr., Instructor.....	D	3 800
38. W. J. Stoutenburg, Jr., Instructor.....	D	3 750
39. J. B. Wallace, Instructor.....	D	3 500
40. J. R. McGhee, Instructor.....	D	3 400

41. E. Elizabeth Trainer, Instructor.....	D	3 000
42. 8.00 Part-time Assistants.....	E	19 200
43. Nonacademic Salaries	H	8 541
<i>Total, Salaries</i>		(230 391)
Wages		700
<i>Total, Salaries and Wages</i>		(231 091)
<i>Expense and Equipment</i>		
Expense		3 500
Fire College		100
Special Education Projects.....		5 000
Equipment		2 500
<i>Total, Expense and Equipment</i>		(11 100)
<i>Total, Architecture</i>		\$242 191

Cooperative Investigations

Salaries and Wages

BITUMINOUS COAL RESEARCH, ANTHRACITE, AMERICAN COAL AND COKE RESIDENTIAL INVESTIGATION

I. R. A. Jones, Research Associate Professor.....	AY20	\$ 1 380
(See Small Homes Council).....	AY80	(5 520)
(Total Salary)		(6 900)

Art

Salaries and Wages

1. A. S. Weller, Professor and Head of Department.....	A	\$ 9 500
2. C. V. Donovan, Professor.....	A	7 500
3. C. E. Bradbury, Professor.....	A	7 250
(On leave with pay Semester II, 1950-1951)		
4. F. J. Roos, Jr., Professor.....	A	7 000
5. J. R. Shipley, Professor.....	A	6 500
6. LaForce Bailey, Professor.....	A	6 200
7. J. D. Hogan, Associate Professor.....	A	6 200
8. H. A. Schultz, Associate Professor.....	A50	2 950
(See Education)	A33	(1 065)
(See University Council on Teacher Education).....	D17	(985)
(Total Salary)		(5 900)
9. W. F. Doolittle, Associate Professor.....	A	5 700
10. C. A. Dietemann, Associate Professor.....	A	5 250
11. J. W. Kennedy, Associate Professor.....	A	5 200
12. Louise M. Woodroffe, Associate Professor.....	A	5 000
13. E. C. Rae, Assistant Professor.....	B	5 000
14. M. B. Martin, Assistant Professor.....	B'	5 000
15. Nicholas Britsky, Assistant Professor.....	B'	4 700
16. R. E. Hult, Assistant Professor.....	B'	4 600
17. J. W. Raushenberger, Assistant Professor.....	B'	4 500
18. Nicola Ziroli, Assistant Professor.....	B'	4 500
19. R. L. Drummond, Assistant Professor.....	B'	4 300
20. A. J. Pulos, Assistant Professor.....	B'	4 200
21. L. R. Chesney, Jr., Assistant Professor.....	D	4 200
22. R. E. Eckerstrom, Instructor.....	DY30	1 600
(See University Press).....	DY70 ¹	(3 900)
(Total Salary)		(5 500)
23. Raymond Perlman, Instructor.....	D	4 000
24. C. W. Briggs, Instructor.....	D	3 825
25. G. N. Foster, Instructor.....	D	3 700
26. M. A. Sprague, Instructor.....	D	3 550
27. L. W. Zamiska, Instructor.....	D	3 500
28. J. H. G. Lynch, Instructor.....	D	3 450
29. Bacia R. Stepner, Instructor.....	D	3 300
30. E. J. Bransby, Instructor.....	D	3 100

¹ Includes full-time service during the summer.

31. _____, Instructor	D	3 000
32. 4.83 Part-time Assistants	E	11 600
33. Nonacademic Salaries	H	3 033
<i>Total, Salaries</i>		(162 908)
Wages		5 700
<i>Total, Salaries and Wages</i>		(168 608)
<i>Expense and Equipment</i>		
Expense		3 800
Equipment		2 200
<i>Total, Expense and Equipment</i>		(6 000)
<i>Total, Art</i>		\$174 608

Landscape Architecture

<i>Salaries and Wages</i>		
1. O. G. Schaffer, Professor and Head of Department.....	A	\$ 8 200
2. K. B. Lohmann, Professor of City and Regional Planning	A	7 200
3. S. H. White, Professor.....	A	7 000
4. Harland Bartholomew, Nonresident Professor of Civic Design	D20	1 200
5. Florence B. Robinson, Professor.....	A	6 000
6. D. H. Morgan, Professor of Community Planning.....		.....
(Salary under Bureau of Community Planning)		
7. I. L. Peterson, Assistant Professor.....	B40	1 600
8. V. A. Hyde, Assistant Professor of Community Planning.		.....
(Salary under Bureau of Community Planning)		
9. _____, Instructor	D	3 600
10. Nonacademic Salaries	H50	978
<i>Total, Salaries</i>		(35 778)
Wages		300
<i>Total, Salaries and Wages</i>		(36 078)
<i>Expense and Equipment</i>		
Expense		670
Equipment		300
<i>Total, Expense and Equipment</i>		(970)
<i>Total, Landscape Architecture</i>		\$ 37 048

School of Music

<i>Salaries and Wages</i>		
1. J. M. Kuypers, Director.....	B}	\$ 11 000
Professor	A}	.....
2. A. A. Harding, Professor, <i>Emeritus</i> .....		.....
(Retiring allowance payable by Retirement System)		
3. G. F. Schwartz, Professor, <i>Emeritus</i> (From Retiring Allowances)		(1 842)
4. H. J. van den Berg, Professor, <i>Emeritus</i> (From Retiring Allowances)		(1 834)
5. D. A. Branigan, Assistant Director.....	BY67	5 850
Professor	A33	2 400
(Total Salary)		(8 250)
6. M. H. Hindsley, Professor.....	A33	2 500
(See University of Illinois Bands).....	DY67	(6 000)
(Total Salary)		(8 500)
7. B. R. Foote, Professor.....	A	7 000
8. Paul Young, Professor.....	A	7 000
9. Sherman Schoonmaker, Professor.....	A	6 600
10. W. G. Hill, Professor.....	A	6 500
11. Hubert Kessler, Professor.....	A	6 500
12. R. H. Miles, Professor.....	A	6 300
13. Stanley Fletcher, Professor.....	A	6 200
14. J. P. Painter, Associate Professor.....		.....
(Salary under Music Extension)		
15. Burrill Phillips, Associate Professor.....	A	6 250
16. Paul Rolland, Associate Professor.....	A	6 250

17. G. R. Waller, Associate Professor.....	A50	2 575
(See Music Extension).....	AY50	(3 125)
(Total Salary)		(5 700)
18. Bernard Goodman, Associate Professor.....	A50}	5 500
Artist in Residence.....	D50}	
19. H. C. C. Schmitt, Associate Professor.....	A50}	5 500
Artist in Residence.....	D50}	
20. R. H. Swenson, Associate Professor.....	A50}	5 500
Artist in Residence.....	D50}	
21. Soulima Stravinsky, Associate Professor.....	D	5 500
22. Mrs. Velma K. Wilson, Associate Professor of Music		
Education	A42	2 280
(See Education)	A25	(1 362)
(See University Council on Teacher Education).....	D33	(1 799)
(Total Salary)		(5 450)
23. P. S. Pettinga, Associate Professor.....	A75	4 050
(See Student Counseling Bureau).....	D25	(1 350)
(Total Salary)		(5 400)
24. LeRoy Hamp, Associate Professor.....	A	5 200
25. Jane C. Watt, Associate Professor.....	A	5 200
26. L. A. Potter, Jr., Associate Professor.....	A	5 200
27. W. L. Roosa, Associate Professor.....	A	5 070
28. Dorothy E. Bowen, Associate Professor.....	A	5 000
29. King Kellogg, Associate Professor.....	A	5 000
30. Edith Usry, Associate Professor.....	A	5 000
31. E. H. Weigel, Associate Professor.....	A	5 000
32. Norman Cazden, Assistant Professor.....	D	5 300
33. E. D. Kisinger, Assistant Professor.....	B50	2 500
(See University of Illinois Bands).....	B50	(2 500)
(Total Salary)		(5 000)
34. W. H. Miller, Assistant Professor.....	B'75	3 750
35. H. O. Sexton, Assistant Professor.....	B'75	3 800
(See University of Illinois Bands).....	B'25	(1 200)
(Total Salary)		(5 000)
36. Joseph Allen, Assistant Professor.....	B12	480
(See Library)	BY88	(4 620)
(Total Salary)		(5 100)
37. Miriam B. Stewart, Assistant Professor.....	B'	4 800
38. Wolfgang Kuhn, Assistant Professor.....	B'35	1 611
(See University Extension).....	BY'15	(776)
(See University Council on Teacher Education).....	B'50	(2 388)
(Total Salary)		(4 775)
39. J. R. Kelly, Assistant Professor.....	B'	4 700
40. Ludwig Zirner, Assistant Professor.....	B'	4 700
41. G. W. Binkerd, Assistant Professor.....	B	4 300
42. Beth Bradley, Assistant Professor.....	B	4 200
43. Claire Richards, Assistant Professor.....	B'	4 000
44. T. S. Richardson, Assistant Professor.....		.....
(Salary under Music Extension)		
45. Kathryn J. Sutherlin, Associate.....		.....
(On leave without pay until further notice; disability		
benefits payable by Retirement System)		
46. Stella Percival, Instructor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
47. A. J. McDowell, Instructor.....	D75	3 375
(See University of Illinois Bands).....	D25	(1 125)
(Total Salary)		(4 500)
48. Colleen J. Kirk, Instructor.....	D33	1 412
(See Education)	D33	(1 413)
(See University Council on Teacher Education).....	D34	(1 455)
(Total Salary)		(4 280)

49. M. C. Howe, Instructor.....	D75	3 200
(See University of Illinois Bands).....	D25	(1 050)
(Total Salary)		(4 250)
50. J. C. Garvey, Instructor.....	D50}	4 200
Artist in Residence.....	D50}	
51. Dorothy E. Clark, Instructor.....	D	4 000
52. L. A. Starr, Instructor.....	D50	2 000
(See University of Illinois Bands).....	D50	(2 000)
(Total Salary)		(4 000)
53. A. M. Carter, Instructor.....	D	3 700
54. G. H. Hunter, Instructor.....	D	3 700
55. E. V. Putnik, Instructor.....	D	3 700
56. D. A. Ledet, Instructor.....	D	3 500
57. Phyllis Edwards, Instructor.....	D67	2 267
58. P. W. Price, Instructor.....	D	3 400
59. Mary Frances James, Instructor.....	D	3 200
60. J. K. Albertson, Instructor.....	D50	1 500
(See University Extension).....	D50	(1 500)
(Total Salary)		(3 000)
61. W. P. Malm, Instructor.....	D33	1 250
(See Physical Education for Women).....	D33	(1 250)
(Total Salary)		(2 500)
62. 1.17 Part-time Assistants.....	E	2 800
63. Nonacademic Salaries	H	20 121
Total, Salaries		(263 600)
Wages		6 200
Total, Salaries and Wages.....		(269 800)
<i>Expense and Equipment</i>		
Expense		20 000
University Orchestra Scholarships (35 at \$50 a semester).....		3 500
Equipment		17 000
Total, Expense and Equipment.....		(40 500)
Total, School of Music.....		\$310 300

University Chorus Revolving (Entire budget from receipts)

<i>Expense and Equipment</i>		
Expense		\$ 500
Total, University Chorus Revolving.....		\$ 500

Salaries and Wages University of Illinois Bands

1. M. H. Hindsley, Director.....	DY67	\$ 6 000
(See Music)	A33	(2 500)
(Total Salary)		(8 500)
2. A. A. Harding, Director and Professor of Music, <i>Emeritus</i> (Retiring allowance payable by Retirement System) .....		.....
3. E. D. Kisinger, Assistant Director.....	B50	2 500
(See Music)	B50	(2 500)
(Total Salary)		(5 000)
4. H. O. Sexton, Assistant Professor.....	B'25	1 200
(See Music)	B'75	(3 800)
(Total Salary)		(5 000)
5. A. J. McDowell, Instructor.....	D25	1 125
(See Music)	D75	(3 375)
(Total Salary)		(4 500)
6. M. C. Howe, Instructor.....	D25	1 050
(See Music)	D75	(3 200)
(Total Salary)		(4 250)
7. L. A. Starr, Instructor and Band Librarian.....	D50	2 000
(See Music)	D50	(2 000)
(Total Salary)		(4 000)

8. _____, Instructor	D25	1 000
9. _____, Instructor	D25	900
10. _____, Instructor	D25	900
11. Nonacademic Salaries	H	2 316
<i>Total, Salaries</i>		(18 991)
Wages		3 000
<i>Total, Salaries and Wages</i>		(21 991)
<i>Expense and Equipment</i>		
Expense		4 000
Band Scholarships and Commencement Exercises		6 000
Equipment		5 000
<i>Total, Expense and Equipment</i>		(15 000)
<i>Total, University of Illinois Bands</i>		\$ 36 991
University of Illinois Bands Revolving (Entire budget from receipts)		
<i>Expense and Equipment</i>		
Expense		\$ 2 500
<i>Total, University of Illinois Bands Revolving</i>		\$ 2 500

Bureau of Community Planning		
Salaries and Wages		
1. Rexford Newcomb, Director .....		.....
(Salary under Administration)		
2. D. H. Morgan, Professor	AY	\$ 7 300
Community Consultant	DY	
3. V. A. Hyde, Assistant Professor	BY	5 000
4. _____, Assistant Professor	DY	4 500
5. Nonacademic Salaries	H	2 190
<i>Total, Salaries</i>		(18 990)
Wages		500
<i>Total, Salaries and Wages</i>		(19 490)
<i>Expense and Equipment</i>		
Expense		4 500
<i>Total, Bureau of Community Planning</i>		\$ 23 990

SCHOOL OF PHYSICAL EDUCATION

	Summary	Salaries and Wages	Other Expense	Total
Administration		\$ 17 300	\$ 1 600	\$ 18 900
Physical Education for Men		201 454	22 500	223 954
Physical Education for Women		64 492	10 780	75 272
<i>Total, School of Physical Education</i>		<u>\$283 246</u>	<u>\$34 880</u>	<u>\$318 126</u>

Expendable Gift and Endowment Funds

Instruction (Endowment):			
Estimated new projects and renewals	\$ 750	\$250	\$1 000
Organized Research (Gifts):			
Estimated new projects and renewals	1 500	500	2 000
<i>Total</i>	(2 250)	(750)	(3 000)

**United States Government Contracts
and Indirect Costs Recovered**

Organized Research:			
Estimated new projects and renewals	150	50	200
<i>Total, Trust Funds</i>	\$2 400	\$800	\$3 200

Administration

Salaries and Wages		
1. S. C. Staley, Director	BY	\$ 10 500
Professor of Physical Education for Men and Head of Department	AY	

2. M. H. Eyler, Assistant to the Director.....	DY75	3 150
(See Physical Education for Men).....	D25	(850)
(Total Salary)		(4 000)
3. Nonacademic Salaries	H	2 700
<i>Total, Salaries</i>		(16 350)
Wages		950
<i>Total, Salaries and Wages</i>		(17 300)
<i>Expense and Equipment</i>		
Expense		I 400
Equipment		200
<i>Total, Expense and Equipment</i>		(I 600)
<i>Total, Administration</i>		\$ 18 900

Physical Education for Men*Salaries and Wages*

1. S. C. Staley, Professor and Head of Department.....		.....
(Salary under Administration)		
2. R. C. Zuppke, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System and Athletic Association)		
3. D. R. Mills, Professor.....	A12	\$ 1 500
(From Athletic Association).....	DY88	(14 000)
(Total Salary)		(15 500)
4. H. S. Hoyman, Professor of Health Education.....	A	8 500
5. T. K. Cureton, Professor.....	A	8 600
6. ———, Professor of Recreation.....	D	8 000
7. G. T. Stafford, Professor.....	A25	1 875
(See University Council on Teacher Education).....	D25	(1 875)
(See University Extension).....	D50	(3 750)
(Total Salary)		(7 500)
8. C. O. Jackson, Professor.....	A	6 600
9. Raymond Eliot, Associate Professor.....	A15	1 500
(From Athletic Association).....	DY85	(12 250)
(Total Salary)		(13 750)
10. B. A. Ingwersen, Associate Professor.....	A15	1 500
(From Athletic Association).....	DY85	(9 500)
(Total Salary)		(11 000)
11. W. H. Roettger, Associate Professor.....	A20	1 500
(From Athletic Association).....	DY80	(7 600)
(Total Salary)		(9 100)
12. F. E. Boys, Associate Professor of Health Education....	{A50	3 780
(Total Salary)	{AY50	4 620
		(8 400)
13. H. E. Kenney, Associate Professor.....	A	6 600
14. L. T. Johnson, Assistant Professor.....	B'15	1 100
(From Athletic Association).....	DY85	(7 600)
(Total Salary)		(8 700)
15. R. E. Fletcher, Assistant Professor.....	B'30	2 200
(From Athletic Association).....	DY70	(6 200)
(Total Salary)		(8 400)
16. H. A. Combes, Assistant Professor.....	B'15	1 100
(From Athletic Association).....	DY85	(6 700)
(Total Salary)		(7 800)
17. ———, Assistant Professor.....	B'20	1 200
(From Athletic Association).....	DY80	(4 807)
(Total Salary)		(6 007)
18. R. H. Johnson, Assistant Professor.....	B'40	2 320
(See University Council on Teacher Education).....	D60	(3 480)
(Total Salary)		(5 800)
19. A. E. Florio, Assistant Professor.....	B'45	2 565
(See University Council on Teacher Education).....	D55	(3 135)
(Total Salary)		(5 700)

20. A. W. Hubbard, Assistant Professor.....	D	5 600
21. A. V. Sapora, Assistant Professor.....	B'	5 200
22. R. E. Shelton, Assistant Professor.....	B	5 000
23. H. C. Paterson, Assistant Professor.....	B'	4 800
24. Cyril Bibby, Visiting Lecturer in Health Education.....	G	(1 500)
(From Educational Nonrecurring October 1 to November 15, 1950)		
25. H. L. Gill, Associate, <i>Emeritus</i> (From Athletic Association)		(1 000)
26. E. J. Manley, Associate.....	D67	3 150
(From Athletic Association).....	DY33	(2 050)
(Total Salary)		(5 200)
27. R. B. King, Instructor.....	D25	700
(From Athletic Association).....	DY75	(5 800)
(Total Salary)		(6 500)
28. H. J. Braun, Instructor.....	D50	2 200
(From Athletic Association).....	DY50	(3 500)
(Total Salary)		(5 700)
29. A. B. Klingel, Instructor.....	D28	1 300
(From Athletic Association).....	DY72	(4 300)
(Total Salary)		(5 600)
30. C. P. Pond, Instructor.....	D85	3 700
(From Athletic Association).....	DY15	(800)
(Total Salary)		(4 500)
31. W. J. Huffman, Instructor.....		.....
(Salary under University Extension)		
32. A. H. Seidler, Instructor.....	D	4 000
33. D. E. Latham, Instructor.....	D75	3 000
(See Student Counseling Bureau).....	D25	(1 000)
(Total Salary)		(4 000)
34. M. H. Eyler, Instructor.....	D25	850
(See Administration)	DY75	(3 150)
(Total Salary)		(4 000)
35. M. R. Garret, Instructor.....	D70	2 750
(From Athletic Association).....	DY30	(1 200)
(Total Salary)		(3 950)
36. R. I. Miller, Instructor.....	D38	1 410
(See Education)	D62	(2 340)
(Total Salary)		(3 750)
37. D. K. Mathews, Instructor.....	D	3 800
38. _____, Instructor	D	3 700
39. T. J. Nugent, Instructor.....	D50	1 850
(See Division of Special Services for War Veterans)	D50	(1 850)
(Total Salary)		(3 700)
40. T. F. Krizan, Instructor.....	D	3 600
41. _____, Instructor	D50	1 800
42. _____, Instructor	D50	1 600
43. _____, Instructor	D50	1 600
44. R. V. Ganslen, Instructor.....	D25	1 000
45. J. A. Bender, Instructor.....	D25	900
46. _____, Instructor	D25	800
47. M. C. Brewer, Assistant.....	E25	650
(From Athletic Association).....	DY75	(4 800)
(Total Salary)		(5 450)
48. C. G. Purvis, Assistant.....	E25	650
(From Athletic Association).....	DY75	(4 450)
(Total Salary)		(5 100)
49. E. H. Engel, Assistant.....	E25	650
(From Athletic Association).....	DY75	(3 950)
(Total Salary)		(4 600)

50. J. L. Breen, Assistant.....	E	3 700
51. E. R. Reuter, Assistant.....	E75	2 800
(From Athletic Association).....	DY25	(800)
(Total Salary)		(3 600)
52. W. J. Barber, Assistant.....	E	3 300
53. G. D. Sibons, Assistant.....	E	3 300
54. A. C. Moore, Assistant.....	E	3 200
55. _____, Assistant	E	2 800
56. 1.00 Part-time Research Assistants.....	DY	3 800
57. 6.50 Part-time Assistants.....	E	15 600
58. Nonacademic Salaries	H	26 784
<i>Total, Salaries</i>		(196 604)
Wages		4 850
<i>Total, Salaries and Wages</i>		(201 454)
<i>Expense and Equipment</i>		
Expense		19 500
Equipment		3 000
<i>Total, Expense and Equipment</i>		(22 500)
<i>Total, Physical Education for Men</i>		\$223 954

Salaries and Wages **Physical Education for Women**

1. Laura J. Huelster, Associate Professor and Head of Department	A	\$ 6 000
2. Louise Freer, Professor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. M. Florence Lawson, Assistant Professor.....	B'50	2 725
(See Education)	B'50	(2 725)
(Total Salary)		(5 450)
4. Carita Robertson, Assistant Professor.....	B	5 300
5. Margaret Erlanger, Assistant Professor.....	B	4 500
6. Enid Schnauber, Assistant Professor.....	B75	3 225
(See University Council on Teacher Education).....	D25	(1 075)
(Total Salary)		(4 300)
7. Nancy E. Houston, Instructor.....	D80	3 120
(See University Council on Teacher Education).....	D20	(780)
(Total Salary)		(3 900)
8. Doris J. Layson, Instructor.....	D	3 900
9. Helen L. Wagner, Instructor.....	D	3 800
10. Jo Anne Booker, Instructor.....	D	3 600
11. W. P. Malm, Instructor.....	D33	1 250
(See Music)	D33	(1 250)
(Total Salary)		(2 500)
12. Margery Turner, Instructor.....	D50	1 700
13. Marjorie L. Miles, Assistant.....	E	3 300
14. Frances M. McPherson, Assistant.....	E	3 000
15. Virginia L. Freeman, Assistant.....	E	2 800
16. Lorraine Nielsen, Assistant.....	E	2 600
17. 1.00 Part-time Assistants.....	E	2 500
18. Nonacademic Salaries	H	9 399
<i>Total, Salaries</i>		(62 719)
Wages		1 773
<i>Total, Salaries and Wages</i>		(64 492)
<i>Expense and Equipment</i>		
Expense		8 680
Equipment		2 100
<i>Total, Expense and Equipment</i>		(10 780)
<i>Total, Physical Education for Women</i>		\$ 75 272

COLLEGE OF VETERINARY MEDICINE

Summary			
	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$75 524	\$8 250	\$83 774
Veterinary Clinical Medicine.....	36 000	5 000	41 000
Veterinary Anatomy and Histology.....	19 875	3 000	22 875
Veterinary Pathology and Hygiene.....	60 880	12 000	72 880
Veterinary Physiology and Pharmacology.....	16 450	3 000	19 450
<i>Total</i>	(208 729)	(31 250)	(239 979)
Veterinary Clinic Revolving.....		15 000	15 000
<i>Total, College of Veterinary Medicine</i>	\$208 729	\$46 250	\$254 979

Expendable Gift Funds

Organized Research:

Estimated new projects and renewals.....	\$10 000	\$5 000	\$15 000
<i>Total, Trust Funds</i>	\$10 000	\$5 000	\$15 000

Administration*Salaries and Wages*

1. Robert Graham, Dean.....	BY75	\$ 8 250
Professor of Veterinary Pathology and Hygiene and Head of Department.....	AY	
(See Agriculture, Veterinary Research).....	AY25	
(Total Salary)		(2 750)
2. N. D. Levine, Assistant to the Dean.....		(11 000)
(Salary under Veterinary Pathology and Hygiene and Agricultural Experiment Station)		.....
3. L. E. Ashelford, Assistant Editor, with rank of Instructor	DY	3 750
4. Nonacademic Salaries	H	58 524
<i>Total, Salaries</i>		(70 524)
<i>Wages</i>		5 000
<i>Total, Salaries and Wages</i>		(75 524)

Expense and Equipment

<i>Expense</i>	6 750
<i>Equipment</i>	1 500
<i>Total, Expense and Equipment</i>	(8 250)
<i>Total, Administration</i>	\$ 83 774

Veterinary Anatomy and Histology*Salaries and Wages*

1. L. E. St. Clair, Professor and Head of Department.....	AY76	\$ 5 875
(See Agriculture, Veterinary Research).....	AY24	(1 875)
(Total Salary)		(7 750)
2. M. S. Cover, Assistant Professor.....	BY92	5 500
(See Agriculture, Veterinary Research).....	BY8	(500)
(Total Salary)		(6 000)
3. _____, Instructor	DY	4 000
4. Elizabeth J. Reeves, Assistant.....	DY	3 000
5. C. R. Heldt, Medical Illustrator.....	DY50	1 500
(See Veterinary Pathology and Hygiene).....	DY50	(1 500)
(Total Salary)		(3 000)
<i>Total, Salaries</i>		(19 875)

Expense and Equipment

<i>Expense</i>	1 500
<i>Equipment</i>	1 500
<i>Total, Expense and Equipment</i>	(3 000)
<i>Total, Veterinary Anatomy and Histology</i>	\$ 22 875

Veterinary Clinical Medicine*Salaries and Wages*

1. L. E. Boley, Professor and Head of Department.....	AY	\$ 7 750
2. R. D. Hatch, Associate Professor.....	AY	6 250
3. R. E. Witter, Assistant Professor.....	BY'	6 250
4. J. E. Mosier, Assistant Professor.....	BY'	6 000
5. H. J. Hardenbrook, Assistant Professor.....	BY'	5 750
6. T. H. Brasmer, Instructor.....	DY	4 000
<i>Total, Salaries</i>		(36 000)

Expense and Equipment

Expense		2 500
Equipment		2 500
<i>Total, Expense and Equipment</i>		(5 000)
<i>Total, Veterinary Clinical Medicine</i>		\$ 41 000

Veterinary Clinic Revolving (Entire budget from receipts; appropriations limited to actual income or budget estimate, whichever is lower)*Expense and Equipment*

Expense	\$ 15 000
<i>Total, Veterinary Clinic Revolving</i>	\$ 15 000

Veterinary Pathology and Hygiene*Salaries and Wages*

1. Robert Graham, Professor and Head of Department.....		.....
(Salary under Administration and Agricultural Experiment Station)		
2. C. C. Morrill, Professor.....	AY71	\$ 6 000
(See Agriculture, Veterinary Research).....	AY29	(2 400)
(Total Salary)		(8 400)
3. N. D. Levine, Associate Professor, Veterinary Parasitology	AY72	4 875
Assistant to the Dean.....	BY	.....
(See Agriculture, Veterinary Research).....	AY28	(1 875)
(Total Salary)		(6 750)
4. J. O. Alberts, Associate Professor.....	AY65	4 690
(See Agriculture, Veterinary Research).....	AY35	(2 560)
(Total Salary)		(7 250)
5. P. D. Beamer, Assistant Professor.....	BY79	4 950
(See Agriculture, Veterinary Research).....	BY21	(1 300)
(Total Salary)		(6 250)
6. M. E. Mansfield, Assistant Professor, Veterinary Extension .....		.....
(Salary under College of Agriculture)		
7. H. S. Bryan, Assistant Professor.....	BY69	4 125
(See Agriculture, Veterinary Research).....	BY31	(1 875)
(Total Salary)		(6 000)
8. G. T. Woods, Assistant Professor, Veterinary Extension.	BY40	2 150
(See Smith-Lever Fund).....	BY60	(3 100)
(Total Salary)		(5 250)
9. _____, Assistant Professor.....	BY	5 000
10. H. E. Rhoades, Assistant Professor.....	BY'	4 900
11. S. C. Schmittle, Instructor.....		.....
(Salary under Agriculture, Veterinary Research)		
12. J. E. Prier, Instructor.....		.....
(Salary under Agriculture, Veterinary Research)		
13. D. W. Pratt, Instructor.....	DY	4 250
14. F. H. White, Instructor.....	DY	3 650
15. Emily L. Dorstewitz, Instructor.....	DY	3 660
16. T. D. Bair, Assistant, Veterinary Parasitology.....	DY	3 200
17. Virginia Ivens, Assistant.....	DY	2 930

18. C. R. Heldt, Medical Illustrator.....	DY50	1 500
(See Veterinary Anatomy and Histology).....	DY50	(1 500)
(Total Salary)		(3 000)
19. 1.50 Part-time Assistants.....	DY	5 000
<i>Total, Salaries</i>		(60 880)
<i>Expense and Equipment</i>		
Expense		9 500
Equipment		2 500
<i>Total, Expense and Equipment</i>		(12 000)
<i>Total, Veterinary Pathology and Hygiene</i>		\$ 72 880

Veterinary Physiology and Pharmacology

Salaries and Wages

1. Jesse Sampson, Professor and Head of Department.....	AY71	\$ 6 000
(See Agriculture, Veterinary Research).....	AY29	(2 400)
(Total Salary)		(8 400)
2. R. P. Link, Assistant Professor.....	BY'90	5 650
(See Agriculture, Veterinary Research).....	BY10	(600)
(Total Salary)		(6 250)
3. Rebecca K. Borton, Instructor.....	DY20	800
(See Bankhead-Jones Fund).....	DY80	(3 200)
(Total Salary)		(4 000)
4. ———, Instructor	DY	4 000
<i>Total, Salaries</i>		(16 450)

Expense and Equipment

Expense		1 500
Equipment		1 500
<i>Total, Expense and Equipment</i>		(3 000)
<i>Total, Veterinary Physiology and Pharmacology</i>		\$ 19 450

COLLEGE OF LAW

Salaries and Wages

1. A. J. Harno, Dean.....	BY}	\$ 14 800
Professor	AY}	
2. Frederick Green, Professor, <i>Emeritus</i> (From Retiring Allowances)		(3 000)
3. O. L. McCaskill, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
4. M. I. Schnebly, Professor.....	A	12 000
5. W. L. Summers, Professor.....	A	12 000
6. G. W. Goble, Professor.....	A	12 000 ¹
7. W. E. Britton, Professor.....	A	11 500
8. R. N. Sullivan, Professor.....	A	11 500
(On leave with pay Semester I, 1950-1951)		
9. E. W. Cleary, Professor.....	A	11 000
10. G. B. Weisiger, Professor.....	A	8 500
11. H. W. Holt, Professor.....	A	8 500
12. K. S. Carlston, Professor.....	A	8 500
13. A. F. Conard, Associate Professor.....	A	8 000
14. R. G. Cohn, Associate Professor.....	A	8 000
15. J. G. Thomas, Associate Professor.....	A33	2 500
16. J. N. Young, Assistant Professor.....	B'	6 500
17. J. E. Cribbet, Assistant Professor.....	B'	6 500
18. C. H. Bowman, Assistant Professor.....	D	6 000
19. R. J. Faletti, Assistant Professor.....	D	5 500
20. Dorothy J. Kelley, Assistant Editor, with rank of Assistant	DY	3 000

¹ Includes service to the Retirement System.

21. Nonacademic Salaries	H	14 345
<i>Total, Salaries</i>		(170 645)
Wages		1 000
<i>Total, Salaries and Wages</i>		(171 645)
<i>Expense and Equipment</i>		
Expense		17 000
Equipment		1 000
<i>Total, Expense and Equipment</i>		(18 000)
<i>Total, College of Law</i>		\$189 645

DIVISION OF COMMUNICATIONS

<i>Instruction and Departmental Research</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration	\$ 15 400	\$ 7 750	\$ 23 150
School of Journalism and Communications	129 456	12 450	141 906
Library School	67 910	5 260	73 170
<i>Total, Instruction and Departmental Research</i>	(212 766)	(25 460)	(238 226)
<i>Organized Research</i>			
Institute of Communications Research	19 625	3 000	22 625
<i>Extension and Public Service</i>			
Broadcasting, Director's Office	5 100		5 100
Broadcasting, Radio Station	79 818	29 450	109 268
Visual Communications	15 600	4 000	19 600
Allerton Extension Center	7 480	3 400	10 880
<i>Sub-total</i>	(107 998)	(36 850)	(144 848)
Broadcast Revolving	9 822	8 826	18 648
<i>Total, Extension and Public Service</i>	(117 820)	(45 676)	(163 496)
<i>Administration and General</i>			
University Press	55 972	61 000	116 972
Public Information	25 620	8 100	33 720
Alumni Relations and Records	34 297	21 217	55 514
University of Illinois Foundation		33 175	33 175
<i>Sub-total</i>	(115 889)	(123 492)	(239 381)
University Press Revolving	7 002	12 998	20 000
<i>Total, Administration and General</i>	(122 891)	(136 490)	(259 381)
<i>Auxiliary Enterprises</i>			
Allerton House Operations	33 812	40 000	73 812
<i>Total, Division of Communications</i>	\$506 914	\$250 626	\$757 540

Expendable Endowment Funds

<i>Extension and Public Service:</i>			
Robert Allerton Park	\$18 000	\$12 000	\$30 000
Allerton Main House	1 500	1 000	2 500
<i>Total, Trust Funds</i>	\$19 500	\$13 000	\$32 500

<i>Salaries and Wages</i>	<i>Administration</i>	
1. Wilbur Schramm, Dean	GY	\$ 13 000
Director, University Press	GY	
Research Professor, Journalism and Communications. AY		
(Two years from July 1, 1950)		
2. Nonacademic Salaries	H	2 400
<i>Total, Salaries</i>		(15 400)
<i>Expense and Equipment</i>		
Expense		6 750
Equipment		1 000
<i>Total, Expense and Equipment</i>		(7 750)
<i>Total, Administration</i>		\$ 23 150

Institute of Communications Research*Salaries and Wages*

1. F. S. Siebert, Chairman.....		.....
(Salary under Journalism and Communications)		
2. C. H. Sandage, Professor of Journalism.....		.....
(Salary under Journalism and Communications and Business Organization and Operation)		
3. J. W. Albig, Professor of Sociology and Anthropology...		.....
(Salary under Sociology and Anthropology)		
4. D. W. Smythe, Research Professor.....	A50	\$ 4 000
(See Economics)	A50	(4 000)
(Total Salary)		(8 000)
5. _____, Research Professor.....	D50	4 000
6. C. E. Osgood, Research Associate Professor.....	B50	2 625
(See Psychology)	B50	(2 625)
(Total Salary)		(5 250)
7. _____, Research Assistant.....	E	2 400
8. 2.00 Research Assistants.....	DY	5 600
<i>Total, Salaries</i>		(18 625)
<i>Wages</i>		1 000
<i>Total, Salaries and Wages</i>		(19 625)

Expense and Equipment

Expense		3 000
<i>Total, Institute of Communications Research</i>		\$ 22 625

School of Journalism and Communications*Salaries and Wages*

1. F. S. Siebert, Director.....	BY ¹	\$ 10 000
Professor	AY	
Chairman, Institute of Communications Research.....	BY ¹	
2. Wilbur Schramm, Research Professor.....		.....
(Salary under Administration)		
3. C. H. Sandage, Professor.....	A50	4 000
(See Business Organization and Operation).....	A50	(4 000)
(See Institute of Communications Research).....		.....
(Total Salary)		(8 000)
4. L. W. Murphy, Professor.....	A	6 950
5. R. R. Barlow, Professor.....	A	6 730
6. O. C. Leiter, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
7. Arne Rae, Professor.....	A	6 000
8. J. F. Wright, Associate Professor.....		.....
(Salary under Public Information)		
9. R. B. Hudson, Associate Professor.....	AY50	4 200
(See Broadcasting)	DY50	(4 200)
(Total Salary)		(8 400)
10. Quincy Howe, Visiting Associate Professor.....	D	7 500
11. L. W. McClure, Associate Professor.....	A	5 520
12. M. D. Seil, Associate Professor.....	A	5 200
13. F. E. Schooley, Assistant Professor.....	BY25	1 600
(See Broadcasting, Radio Station).....	DY75	(5 150)
(Total Salary)		(6 750)
14. V. R. Fryburger, Jr., Assistant Professor.....	B'	5 400
15. R. D. Millican, Assistant Professor.....	D	5 200
16. J. T. Trebilcock, Assistant Professor.....	B'	5 040
17. D. E. Brown, Assistant Professor.....	B'50	2 460
(See Broadcasting, Radio Station).....	DY50	(3 007)
(Total Salary)		(5 467)
18. Eunice Collins, Assistant Professor.....	B50	2 100
(See Library)	BY'50	(2 560)
(Total Salary)		(4 660)

19. A. E. Strang, Instructor.....	D50	2 400
20. H. V. Cordier, Instructor.....	DY75	3 780
(See Broadcasting, Radio Station).....	DY25	(1 260)
(Total Salary)		(5 040)
21. T. B. Peterson, Instructor.....	D	4 600
22. J. C. Sutton, Instructor.....	D	4 440
23. F. B. Senger, Jr., Instructor.....	D	.....
(Salary paid by Illini Publishing Company)		
24. J. B. Woodson, Jr., Instructor.....	D	3 920
25. J. W. Jensen, Instructor.....	D	3 800
26. A. E. Tomlinson, Instructor.....	D	3 800
27. P. A. Spradling, Instructor.....	D50	1 845
(See Broadcasting, Radio Station).....	H50	(2 256)
(Total Salary)		(4 101)
28. H. E. Hill, Instructor.....	D25	920
(See Broadcasting, Radio Station).....	H75	(3 351)
(Total Salary)		(4 271)
29. S. W. Dunn, Instructor.....	D50	1 900
30. G. H. Dowler, Instructor.....	D50	1 800
31. R. L. Rider, Instructor.....	D25	900
(See Visual Communications).....	D25	(900)
(Total Salary)		(1 800)
32. I. W. Cole, Assistant to the Director.....	DY75	2 940
(See Student Counseling Bureau).....	DY25	(980)
(Total Salary)		(3 920)
33. 2.00 Part-time Assistants.....	E	4 800
34. Nonacademic Salaries	H	8 511
<i>Total, Salaries</i>		(128 256)
Wages		1 200
<i>Total, Salaries and Wages</i>		(129 456)
<i>Expense and Equipment</i>		
Expense		9 500
Equipment		2 950
<i>Total, Expense and Equipment</i>		(12 450)
<i>Total, School of Journalism and Communications</i>		\$141 906

Library School

Salaries and Wages

1. R. B. Downs, Director of the Library and the Library School and Professor of Library Science.....		.....
(Salary under Library)		
2. P. L. Windsor, Director of the Library and the Library School and Professor of Library Science, <i>Emeritus</i> (Retiring allowance under Library) .....		.....
3. A. H. Lancour, Assistant Director of the Library School. Professor of Library Science.....	BY' AY }	\$ 8 500
(On leave without pay from October 1, 1950, through June 30, 1951)		
4. Anne M. Boyd, Professor of Library Science.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
5. _____, Professor of Library Science.....	D	6 000
6. A. H. Trotter, Professor of Library Science.....		.....
(Salary under Library)		
7. A. M. McAnally, Associate Professor of Library Science. (Salary under Library) .....		.....
8. Frances Simpson, Associate Professor of Library Economy and Assistant Director, <i>Emerita</i> (From Retiring Allowances)		(1 870)
9. Ethel Bond, Associate Professor of Library Science, <i>Emerita</i> .....		.....
(Retiring allowance payable by Retirement System)		
10. Herbert Goldhor, Associate Professor of Library Science A		5 700

11. Rose B. Phelps, Associate Professor of Library Science.. A	5 500
(On leave with one-half pay 1950-1951)	
12. Thelma Eaton, Associate Professor of Library Science.. B'	5 300
13. Josie B. Houchens, Associate Professor of Library Science .....	.....
(Salary under Library)	
14. Willia K. Garver, Associate Professor of Library Science, <i>Emerita</i> .....	.....
(Retiring allowance payable by Retirement System)	
15. G. B. Brown, Associate Professor of Library Science.....	.....
(Salary under Library)	
16. L. E. Bamber, Associate Professor of Library Science.....	.....
(Salary under Library)	
17. Alice Lohrer, Assistant Professor of Library Science.... B'	4 800
18. C. W. Stone, Assistant Professor of Library Science..... D	4 700
19. Marie M. Hostetter, Assistant Professor of Library Science	B' 4 400
20. Margaret Oldfather, Assistant Professor of Library Science .....	.....
(Salary under Library)	
21. Alice S. Johnson, Assistant Professor of Library Science..	.....
(Salary under Library)	
22. Fanny Dunlap, Assistant Professor of Library Science...	.....
(Salary under Library)	
23. Mrs. Bernita J. Davies, Assistant Professor of Library Science .....	.....
(Salary under Library)	
24. D. A. Brown, Assistant Professor of Library Science....	.....
(Salary under Library)	
25. Cerilla E. Saylor, Assistant Professor of Library Science	.....
(Salary under Library)	
26. Hilda J. Alseth, Assistant Professor of Library Science..	.....
(Salary under Library)	
27. Mrs. Marjorie J. Schaeve, Assistant Professor of Library Science .....	.....
(Salary under Library)	
28. Wilma Troxel, Assistant Professor of Library Science..	.....
(Salary under Chicago Professional Library)	
29. D. K. Maxfield, Assistant Professor of Library Science..	.....
(Salary under Chicago Undergraduate Library)	
30. Emma R. Jutton, Associate, <i>Emerita</i>.....	.....
(Retiring allowance payable by Retirement System)	
31. Donna D. Finger, Instructor in Library Science.....	.....
(Salary under Library)	
32. Nelle M. Signor, Instructor in Library Science.....	.....
(Salary under Library)	
33. W. S. Yenawine, Instructor in Library Science.....	.....
(Salary under Library)	
34. R. B. Harness, Instructor in Library Science.....	.....
(Salary under Chicago Undergraduate Library)	
35. Mrs. Jane S. Strable, Instructor in Library Science.....	.....
(Salary under Chicago Undergraduate Library)	
36. Mrs. Elaine C. Simpson, Instructor in Library Science...	.....
(Salary under Chicago Undergraduate Library)	
37. Viola L. James, Instructor in Library Science..... D50	2 000
(See University Extension)..... D50	(2 000)
(Total Salary)	(4 000)
38. ———, Administrative Assistant and Instructor in Library Science..... DY	3 660
39. .50 Research Assistants..... DY	1 300
40. 1.75 Part-time Assistants..... E	4 400
41. Nonacademic Salaries..... H	10 650
<i>Total, Salaries</i>	(66 910)

Wages	1 000
<i>Total, Salaries and Wages</i>	(67 910)
<i>Expense and Equipment</i>	
Expense	4 260
Equipment	1 000
<i>Total, Expense and Equipment</i>	(5 260)
<i>Total, Library School</i>	\$ 73 170

Broadcasting

Director of University Broadcasting

Salaries and Wages

1. R. B. Hudson, Director of University Broadcasting.....	DY ₅₀	\$ 4 200
(See Journalism and Communications).....	AY ₅₀	(4 200)
(Total Salary)		(8 400)
2. Nonacademic Salaries	H	900
<i>Total, Director of University Broadcasting</i>		\$ 5 100

Radio Station

Salaries and Wages

1. F. E. Schooley, Station Manager.....	DY ₇₅	\$ 5 150
(See Journalism and Communications).....	BY ₂₅	(1 600)
(Total Salary)		(6 750)
2. H. V. Cordier, Producer.....	DY ₂₅	1 260
(See Journalism and Communications).....	DY ₇₅	(3 780)
(Total Salary)		(5 040)
3. D. E. Brown, News Director.....	DY ₅₀	3 007
(See Journalism and Communications).....	BY ₅₀	(2 460)
(Total Salary)		(5 467)
4. Nonacademic Salaries	H	67 701
<i>Total, Salaries</i>		(77 118)
Wages		2 700
<i>Total, Salaries and Wages</i>		(79 818)

Expense and Equipment

Expense	29 450
<i>Total, Radio Station</i>	\$109 268

Broadcast Revolving (Entire budget from receipts)

Salaries and Wages

1. Nonacademic Salaries	H	\$ 8 622
Wages		1 200
<i>Total, Salaries and Wages</i>		(9 822)

Expense and Equipment

Expense	3 000
Equipment	5 826
<i>Total, Expense and Equipment</i>	(8 826)
<i>Total, Broadcast Revolving</i>	\$ 18 648

University Press

Salaries and Wages

EDITORIAL AND PUBLISHING DIVISION

1. Wilbur Schramm, Director.....		.....
(Salary under Administration)		
2. H. E. Cunningham, Director, with rank of Professor, <i>Emeritus</i> .....		.....
(Retiring allowance payable by Retirement System)		
3. Miodrag Muntyan, Executive Editor, with rank of As- sistant Professor	DY	\$ 6 200
4. Carl Stephens, University Historian.....	DY	6 180
5. R. E. Eckerstrom, Art Editor.....	DY ₇₀ ¹	3 900
(See Art)	DY ₃₀	(1 600)
(Total Salary)		(5 500)

¹ Includes full-time service during the summer.

6. Helen L. Smith, Editor, with rank of Assistant Professor	DY	5 340
7. D. D. Jackson, Editor, with rank of Assistant Professor..	DY	5 200
8. G. S. Amsbary, Editor, with rank of Assistant Professor	DY	4 900
9. Nonacademic Salaries	H	22 662
PRINTING DIVISION		
10. C. E. Herman, Superintendent of Print Shop (From Print Shop Operations).....	DY	(7 800)
Total, Salaries		(54 382)
Wages		1 590
Total, Salaries and Wages.....		(55 972)
<i>Expense and Equipment</i>		
General Departmental Expense.....		3 000
Postage on Bulletins.....		2 000
Printing and Publications		56 000
Total, Expense and Equipment.....		(61 000)
Total, University Press.....		\$116 972
University Press Revolving (Entire budget from receipts)		
<i>Salaries and Wages</i>		
1. Nonacademic Salaries	H	\$ 7 002
<i>Expense and Equipment</i>		
Expense		12 998
Total, University Press Revolving.....		\$ 20 000
Visual Communications		
<i>Salaries and Wages</i>		
1. L. V. Peterson, Chairman pro tem, Visual Communications Specialist, and Instructor in Education.....	DY	\$ 6 000
2. A. H. Trotier, Professor of Library Science.....		.....
(Salary under Library)		
3. C. W. Stone, Assistant Professor of Library Science.....		.....
(Salary under Library School)		
4. J. B. Woodson, Jr., Instructor in Journalism.....		.....
(Salary under Journalism and Communications)		
5. _____, Producer	DY	6 000
6. R. L. Rider, Instructor.....	D25	900
(See Journalism and Communications).....	D25	(900)
(Total Salary)		(1 800)
7. .25 Part-time Assistants.....	E	900
8. Nonacademic Salaries	H	1 800
Total, Salaries		(15 600)
<i>Expense and Equipment</i>		
Expense		4 000
Total, Visual Communications.....		\$ 19 600
Public Information		
<i>Salaries and Wages</i>		
1. J. F. Wright, Director.....	DY}	\$ 9 500
Associate Professor of Journalism.....	AY}	
2. Nonacademic Salaries	H	15 120
Total, Salaries		(24 620)
Wages		1 000
Total, Salaries and Wages.....		(25 620)
<i>Expense and Equipment</i>		
Expense		7 850
Equipment		250
Total, Expense and Equipment.....		(8 100)
Total, Public Information.....		\$ 33 720

Alumni Relations and Records*Salaries and Wages*

1. C. E. Bowen, Executive Director (From Alumni Association)	GY	\$(11 000)
(Twelve months from July 1, 1950)		
2. J. C. Colvin, Editor of Alumni News.....	GY	2 045
(From Alumni Association).....		(2 020)
(See University of Illinois Foundation).....		(4 935)
(Total Salary)		(9 000)
(Twelve months from July 1, 1950)		
3. W. H. Rice, Director of Memberships and Field Secretary		
(From Alumni Association).....	GY	(7 500)
(Twelve months from July 1, 1950)		
4. Nonacademic Salaries	H	26 580
Total, Salaries		(28 625)
Wages		5 672
Total, Salaries and Wages.....		(34 297)
<i>Expense and Equipment</i>		
Expense		21 217
Total, Alumni Relations and Records.....		\$ 55 514

University of Illinois Foundation*Expense and Equipment*

Expense	\$ 33 175
Total, University of Illinois Foundation.....	\$ 33 175

The total of \$33,175 includes the following items and will be available to the Foundation to the extent necessary for these purposes:

Salaries and Wages

1. W. H. Butterfield, Manager.....	\$ 12 000
2. J. C. Colvin, Secretary.....	4 935
(From Alumni Association).....	(2 020)
(See Alumni Records and Relations).....	(2 045)
(Total Salary)	(9 000)
3. Elizabeth Bailie, Office Secretary.....	3 300
4. _____, Junior Clerk-Typist.....	1 740
Total, Salaries	(21 975)

Expense and Equipment

General Departmental Expense.....	2 000
Annual Gift Campaign.....	16 000
Travel	2 500
Equipment	600
Retirement	3 000
Audit	600
Total, Expense and Equipment.....	(24 700)
Total, University of Illinois Foundation.....	\$ 46 675 ¹

Robert Allerton Park**Allerton Extension Center***Salaries and Wages*

1. Par Danforth, Director of Robert Allerton Park, with rank of Professor.....	DY ₅₀	\$ 4 000 ²
(See Trust-Robert Allerton Park).....	DY ₂₅	(2 000)
(See Allerton House Operations).....	DY ₂₅	(2 000)
(Total Salary)		(8 000)

¹ Provided for by University of Illinois appropriation, \$33,175; Saunders Estate income, \$6,000; income from patents, \$7,500; total, \$46,675.

² Also furnished room and board, valued at \$480 a year, for the convenience of the University.

2. Nonacademic Salaries	H	2 280
<i>Total, Salaries</i>		(6 280)
Wages		1 200
<i>Total, Salaries and Wages</i>		(7 480)
<i>Expense and Equipment</i>		
Expense		1 900
Equipment		1 500
<i>Total, Expense and Equipment</i>		(3 400)
<i>Total, Allerton Extension Center</i>		\$ 10 880

Trust-Robert Allerton Park*Salaries and Wages*

1. Par Danforth, Director of Robert Allerton Park, with rank of Professor	DY25	\$ 2 000
(See Allerton Extension Center)		
2. Nonacademic Salaries	H	15 240
<i>Total, Salaries</i>		(17 240)
Wages		760
<i>Total, Salaries and Wages</i>		(18 000)
<i>Expense and Equipment</i>		
Expense		9 000
Equipment		3 000
<i>Total, Expense and Equipment</i>		(12 000)
<i>Total, Trust-Robert Allerton Park</i>		\$ 30 000

Trust-Allerton Main House*Salaries and Wages*

1. Nonacademic Salaries	H	\$ 1 500
<i>Expense and Equipment</i>		
Expense		750
Equipment		250
<i>Total, Expense and Equipment</i>		(1 000)
<i>Total, Trust-Allerton Main House</i>		\$ 2 500

Allerton House Operations (Entire budget from receipts)*Salaries and Wages*

1. Par Danforth, Director of Robert Allerton Park, with rank of Professor	DY25	\$ 2 000
(See Allerton Extension Center)		
2. Nonacademic Salaries	H	19 812
<i>Total, Salaries</i>		(21 812)
Wages		12 000
<i>Total, Salaries and Wages</i>		(33 812)
<i>Expense and Equipment</i>		
Expense		36 000
Equipment		4 000
<i>Total, Expense and Equipment</i>		(40 000)
<i>Total, Allerton House Operations</i>		\$ 73 812

SUMMER SESSION*Salaries and Wages*

1. R. B. Browne, Dean	BY30	\$ 3 000
Professor of Education	AY	.....
(See University Extension)	BY70	(7 000)
<i>(Total Salary)</i>		(10 000)
2. Academic Salaries (subject to approval of detailed list)		558 494
3. Nonacademic Salaries	H	2 572
<i>Total, Salaries</i>		(564 066)
Wages		1 000
<i>Total, Salaries and Wages</i>		(565 066)

Expense and Equipment

Expense	8 000
Equipment	500
<i>Total, Expense and Equipment.....</i>	<i>(8 500)</i>
<i>Total, Summer Session.....</i>	<i>\$573 566</i>

DIVISION OF UNIVERSITY EXTENSION

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Extension and Public Service</i>			
Administration.....	\$ 36 575	\$ 3 100	\$ 39 675
Extramural Courses and Conferences.....	129 675	54 700	184 375
Field Staff.....	22 600	5 000	27 600
Music Extension.....	26 991	13 000	39 991
Visual Aids Service.....	6 582	5 200	11 782
<i>Total.....</i>	<i>(222 423)</i>	<i>(81 000)</i>	<i>(303 423)</i>
Visual Aids Revolving.....	29 666	20 520	50 186
<i>Total.....</i>	<i>(252 089)</i>	<i>(101 520)</i>	<i>(353 609)</i>
<i>Instruction</i>			
Correspondence Courses.....	18 341	5 600	23 941
<i>Total, Division of University Extension...</i>	<i>\$270 430</i>	<i>\$107 120</i>	<i>\$377 550</i>

Expendable Gift Funds

Extension:

Estimated new projects and renewals.....	\$8 000	\$2 000	\$10 000
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United States Government Contracts
and Indirect Overhead Recovered

Extension:

Estimated new projects and renewals.....	1 500	500	2 000
<i>Total, Trust Funds.....</i>	<i>\$9 500</i>	<i>\$2 500</i>	<i>\$12 000</i>

Administration

Salaries and Wages

1. R. B. Browne, Dean.....	BY70	\$ 7 000
Professor of Education.....	AY	.....
(See Summer Session).....	BY30	(3 000)
(Total Salary)		(10 000)
2. S. C. Robinson, Assistant Dean.....	DY}	6 800
Associate Professor of Management.....	AY}	
3. G. C. Carter, Assistant Professor of Psychology.....	DY	5 700
4. Nonacademic Salaries	H	12 215
<i>Total, Salaries</i>		<i>(31 715)</i>

Wages

<i>Total, Salaries and Wages.....</i>	<i>(36 575)</i>
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Expense and Equipment

Expense	2 500
Equipment	600
<i>Total, Expense and Equipment.....</i>	<i>(3 100)</i>
<i>Total, Administration</i>	<i>\$ 39 675</i>

Extramural Courses and Conferences

Salaries and Wages

1. S. B. York, Supervisor of Extramural Classes, with rank of Assistant Professor.....	DY	\$ 5 500
2. R. K. Newton, Supervisor of Engineering Extension, with rank of Assistant Professor.....	DY	5 500

INSTRUCTIONAL STAFF

IN EDUCATION

3. J. H. Shores, Professor of Education.....	A29	1 752
(See Education)	A71	(4 248)
(Total Salary)		(6 000)

4. F. H. Finch, Professor of Education.....	A33	2 132
(See Education)	A67	(4 268)
(Total Salary)		(6 400)
IN PHYSICAL EDUCATION		
5. G. T. Stafford, Coordinator of Health Education.....	D50	3 750
(See University Council on Teacher Education)....	D25	(1 875)
(See Physical Education for Men).....	A25	(1 875)
(Total Salary)		(7 500)
6. W. J. Huffman, Instructor in Physical Education in Extension	D	4 600
IN LABOR AND INDUSTRIAL RELATIONS		
7. P. L. Garman, Professor.....	AY50	4 100
(See Institute of Labor and Industrial Relations)...	AY50	(4 100)
(Total Salary)		(8 200)
8. L. C. Pigage, Associate Professor.....	AY25	1 650
(See Institute of Labor and Industrial Relations)...	AY25	(1 650)
(See Mechanical Engineering).....	AY50	(3 300)
(Total Salary)		(6 600)
9. E. C. Wolfe, Associate Professor.....	AY50	3 200
(See Institute of Labor and Industrial Relations)...	AY50	(3 200)
(Total Salary)		(6 400)
10. J. F. Humes, Associate Professor of Industrial Psychology	AY50	3 050
(See Institute of Labor and Industrial Relations)...	AY50	(3 050)
(Total Salary)		(6 100)
11. W. B. Schaffrath, Assistant Professor.....	DY50	2 550
(See Institute of Labor and Industrial Relations)...	DY50	(2 550)
(Total Salary)		(5 100)
12. H. L. Gammill, Assistant Professor of Industrial Psychology	DY50	2 775
(See Institute of Labor and Industrial Relations)...	DY50	(2 775)
(Total Salary)		(5 550)
13. O. H. Erickson, Assistant Professor.....	BY'50	2 775
(See Institute of Labor and Industrial Relations)...	BY'50	(2 775)
(Total Salary)		(5 550)
14. J. M. Brumm, Assistant Professor.....	BY'50	2 550
(See Institute of Labor and Industrial Relations)...	BY'50	(2 550)
(Total Salary)		(5 100)
15. E. L. Phillips, Assistant Professor.....	DY50	2 450
(See Institute of Labor and Industrial Relations)...	DY50	(2 450)
(Total Salary)		(4 900)
16. J. L. Tucker, Instructor.....	DY50	2 100
(See Institute of Labor and Industrial Relations)...	DY50	(2 100)
(Total Salary)		(4 200)
17. Dorothy Dowell, Instructor.....	DY30	1 350
(See Institute of Labor and Industrial Relations)...	DY70	(3 150)
(Total Salary)		(4 500)
IN SAFETY EDUCATION		
18. G. W. Harper, Associate Professor of Safety Education	BY25	2 000
(See Mechanical Engineering).....	BY75	(5 000)
(Total Salary)		(7 000)
IN LIBRARY SCIENCE		
19. Viola L. James, Instructor in Library Science.....	D50	2 000
(See Library School).....	D50	(2 000)
(Total Salary)		(4 000)
IN AGRICULTURE		
20. Harry Pyenson, Assistant Professor of Dairy Technology	DY	5 000
21. G. J. Edman, Assistant Professor of Dairy Technology..	D	4 500

IN BUSINESS MANAGEMENT

22. R. L. Walston, Lecturer in Management.....	DY ₅₀	2 500
(See Business Management Service).....	DY ₅₀	(2 500)
(Total Salary)		(5 000)
23. Nonacademic Salaries	H	6 891
Total, Salaries		(74 675)
Wages		55 000
Total, Salaries and Wages.....		(129 675)
Expense and Equipment		
Expense		50 000
Equipment		4 700
Total, Expense and Equipment.....		(54 700)
Total, Extramural Courses and Conferences.....		\$184 375

Field Staff

Salaries and Wages		
1. T. H. Dekker, Extension Specialist.....	DY	\$ 5 000
2. W. V. Brown, Extension Specialist.....	DY	4 700
3. R. T. Osborne, Extension Specialist.....	DY	4 500
4. W. W. Krumsiek, Extension Specialist.....	DY	4 200
5. R. L. Johnston, Extension Specialist.....	DY	4 200
Total, Salaries		(22 600)
Expense and Equipment		
Expense		5 000
Total, Field Staff.....		\$ 27 600

Music Extension

Salaries and Wages		
1. J. P. Painter, Associate Professor of Music.....	AY}	\$ 7 200
Director of Music Extension.....	DY}	
2. G. R. Waller, Associate Professor of Music.....	AY ₅₀	3 125
(See Music)	A ₅₀	(2 575)
(Total Salary)		(5 700)
3. T. S. Richardson, Assistant Professor of Music and As-		
sistant to the Director of Music Extension.....	DY	5 200
4. Wolfgang Kuhn, Assistant Professor of Music.....	BY ₁₅	776
(See Music)	B ₃₅	(1 611)
(See Education)	B ₅₀	(2 388)
(Total Salary)		(4 775)
5. J. K. Albertson, Instructor in Music.....	D ₅₀	1 500
(See Music)	D ₅₀	(1 500)
(Total Salary)		(3 000)
6. Nonacademic Salaries	H	8 190
Total, Salaries		(25 991)
Wages		1 000
Total, Salaries and Wages.....		(26 991)
Expense and Equipment		
Expense		10 000
Equipment		3 000
Total, Expense and Equipment.....		(13 000)
Total, Music Extension.....		\$ 39 991

Visual Aids Service

Salaries and Wages		
1. _____, Supervisor of Audio-Visual Aids.....	DY	\$ 4 500
2. Nonacademic Salaries	H	2 082
Total, Salaries		(6 582)
Expense and Equipment		
Expense		1 200
Equipment		4 000
Total, Expense and Equipment.....		(5 200)
Total, Visual Aids Service.....		\$ 11 782

Visual Aids Revolving (Entire budget from receipts)

1. Nonacademic Salaries	H	\$ 10 806
Wages		18 860
<i>Total, Salaries and Wages</i>		(29 666)
<i>Expense and Equipment</i>		
Expense		3 600
Equipment		16 920
<i>Total, Expense and Equipment</i>		(20 520)
<i>Total, Visual Aids Revolving</i>		\$ 50 186

Correspondence Courses

<i>Salaries and Wages</i>		
1. N. F. Garvey, Director of Correspondence Courses.....	DY75	\$ 4 500
(See Political Science)	D25	(1 000)
(Total Salary)		(5 500)
2. Nonacademic Salaries	H	13 641
<i>Total, Salaries</i>		(18 141)
Wages		200
<i>Total, Salaries and Wages</i>		(18 341)
<i>Expense and Equipment</i>		
Expense		5 000
Equipment		600
<i>Total, Expense and Equipment</i>		(5 600)
<i>Total, Correspondence Courses</i>		\$ 23 941

ARMED FORCES**Summary**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Armed Forces	\$30 026	\$7 380	\$37 406
Military Clothing and Equipment		1 200	1 200
<i>Total, Armed Forces</i>	\$30 026	\$8 580	\$38 606

Armed Forces*Salaries and Wages***MILITARY SCIENCE AND TACTICS**

1. M. A. Hatch, Professor	AY}	\$ 900 ¹
Coordinator of Armed Forces	DY}	
2. R. J. Titley, Adjutant R.O.T.C.	DY	600 ¹

NAVAL SCIENCE

3. ———, Professor and Head of Naval Science (Without salary)	A	.....
4. W. N. Flournoy, Associate Professor (Without salary)	A	.....
5. G. R. Bryan, Jr., Assistant Professor (Without salary)	G ²	.....
6. A. T. Ford, Assistant Professor (Without salary)	G ²	.....
7. E. V. Oglesby, Assistant Professor (Without salary)	G ²	.....
8. R. C. Knauf, Assistant Professor (Without salary)	G ²	.....
9. J. H. Littrell, Assistant (Without salary)	G ²	.....
10. J. B. Smith, Assistant (Without salary)	G ²	.....
11. W. J. Peterson, Assistant (Without salary)	G ²	.....
12. Theron Harward, Assistant (Without salary)	G ²	.....
13. J. H. Newman, Assistant (Without salary)	G ²	.....
14. W. O. Weathers, Assistant (Without salary)	G ²	.....
15. G. L. Harter, Assistant (Without salary)	G ²	.....

¹ In addition to compensation from the United States Government.² Until further notice.

AIR FORCE SCIENCE

16. M. H. Shedd, Associate Professor (Without salary)....	A	.....
17. E. J. Dempsey, Adjutant.....	DY	500 ¹
18. Nonacademic Salaries	H	25 026
<i>Total, Salaries</i>		(27 026)
Wages		3 000
<i>Total, Salaries and Wages</i>		(30 026)
<i>Expense and Equipment</i>		
Expense		6 180
Equipment		1 200
<i>Total, Expense and Equipment</i>		(7 380)
<i>Total, Armed Forces</i>		\$ 37 406

Military Clothing and Equipment Revolving

(Entire budget from receipts)

<i>Expense and Equipment</i>		
Expense		\$ 1 200
<i>Total, Military Clothing and Equipment Revolving..</i>		\$ 1 200

INSTITUTE OF AVIATION

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Institute of Aviation.....	\$208 175	\$20 750	\$228 925
Airport Revolving	15 000	75 000	90 000
<i>Total, Institute of Aviation</i>	\$223 175	\$95 750	\$318 925

Institute of Aviation

<i>Salaries and Wages</i>			
1. L. A. Bryan, Director.....	BY ¹	\$ 11 800	
Professor of Management.....	AY		
2. E. A. Cushman, Assistant to the Director and Instructor	DY	6 650	
3. ———, Supervising Engineer.....	DY	6 200	
4. J. W. Stonecipher, Chief Flight Instructor.....	DY	5 850	
5. L. B. Applegate, Instructor.....	DY	5 100	
6. R. W. Johnson, Instructor.....	DY	4 650	
7. Bernice Schrader, Instructor.....	DY	4 650	
8. G. A. Moseley, Instructor.....	DY	4 550	
9. L. P. Nelson, Instructor.....	DY	4 350	
10. R. E. Flexman, Flight Instructor.....	DY	4 200	
11. D. R. Pardue, Flight Instructor.....	DY	4 200	
12. R. L. Ayers, Flight Instructor.....	DY	4 200	
13. D. W. Hauck, Flight Instructor.....	DY	4 200	
14. ———, Flight Instructor.....	DY	4 100	
15. A. W. Smith, Flight Instructor.....	DY	4 000	
16. ———, Flight Instructor.....	DY	3 850	
17. P. A. Otterson, Assistant.....	DY	3 800	
18. Dorothy A. Gross, Assistant.....	DY	2 900	
19. Nonacademic Salaries	H	85 872	
<i>Total, Salaries</i>		(175 122)	
Wages		33 053	
<i>Total, Salaries and Wages</i>		(208 175)	
<i>Expense and Equipment</i>			
Expense		16 250	
Equipment		4 500	
<i>Total, Expense and Equipment</i>		(20 750)	
<i>Total, Institute of Aviation</i>		\$228 925	

¹ In addition to compensation from the United States Government.

Airport Revolving*Salaries and Wages* (Entire budget from receipts)

Wages	\$ 15 000
<i>Expense and Equipment</i>	
Expense	75 000
<i>Total, Airport Revolving</i>	\$ 90 000

INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS*Salaries and Wages*

1. Royden Dangerfield, Director.....	DY60	\$ 6 000
(See Political Science).....	AY40	(4 000)
(Total Salary).....		(10 000)
(Effective August 1, 1950)		
2. _____, Research Associate.....	DY	9 000
3. _____, Research Associate.....	DY	7 000
4. _____, Research Associate.....	DY	6 000
5. _____, Administrative Assistant.....	DY	5 500
6. N. G. P. Krausz, Research Associate.....	DY50	2 400
(See Agricultural Economics).....	DY50	(2 400)
(Total Salary).....		(4 800)
7. S. K. Gove, Research Assistant.....	DY	3 800
8. 1.00 Research Assistants.....	E	2 800
9. Nonacademic Salaries.....	H	4 200
<i>Total, Salaries</i>		(46 700)
Wages		500
<i>Total, Salaries and Wages</i>		(47 200)
<i>Expense and Equipment</i>		
Expense		6 000
Equipment		1 000
<i>Total, Expense and Equipment</i>		(7 000)
<i>Total, Institute of Government and Public Affairs..</i>		\$ 54 200

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS*Salaries and Wages*

1. W. E. Chalmers, Director.....	BY60 ¹	\$ 5 700
(See Economics).....	AY40 ¹	(3 800)
(Total Salary).....		(9 500)
2. P. L. Garman, Professor of Economics.....	AY50	4 100
(See University Extension).....	AY50	(4 100)
(Total Salary).....		(8 200)
3. Milton Derber, Professor of Economics.....	AY	8 200
4. Ross Stagner, Professor.....	A33	2 333
(See Psychology).....	A67	(4 667)
(Total Salary).....		(7 000)
5. W. H. McPherson, Professor of Economics.....	A	6 200
6. L. L. McQuitty, Professor.....	AY50	3 750
(See Psychology).....	AY50	(3 750)
(Total Salary).....		(7 500)
7. L. C. Pigage, Associate Professor.....	AY25	1 650
(See University Extension).....	AY25	(1 650)
(See Mechanical Engineering).....	AY50	(3 300)
(Total Salary).....		(6 600)
8. E. C. Wolfe, Associate Professor.....	AY50	3 200
(See University Extension).....	AY50	(3 200)
(Total Salary).....		(6 400)

¹ Includes one-half time in each department during academic year and full time in Institute in summer.

9. J. F. Humes, Associate Professor of Industrial Psychology	AY50	3 050
(See University Extension)	AY50	(3 050)
(Total Salary)		(6 100)
10. _____, Associate Professor	DY80	5 500
11. R. E. McCoy, Research Assistant Professor	DY50	2 800
(See Library)	DY50	(2 800)
(Total Salary)		(5 600)
12. H. L. Gammill, Assistant Professor of Industrial Psychology	DY50	2 775
(See University Extension)	DY50	(2 775)
(Total Salary)		(5 550)
13. O. H. Erickson, Assistant Professor	BY'50	2 775
(See University Extension)	BY'50	(2 775)
(Total Salary)		(5 550)
14. _____, Assistant Professor	DY	5 500
15. J. M. Edelman, Assistant Professor	DY80 ¹	4 160
(See Political Science)	DY20 ¹	(1 040)
(Total Salary)		(5 200)
16. W. B. Schaffrath, Assistant Professor	DY50	2 550
(See University Extension)	DY50	(2 550)
(Total Salary)		(5 100)
17. J. M. Brumm, Assistant Professor	BY'50	2 550
(See University Extension)	BY'50	(2 550)
(Total Salary)		(5 100)
18. D. E. Wray, Assistant Professor	DY60 ²	3 060
(See Sociology and Anthropology)	DY40 ²	(2 040)
(Total Salary)		(5 100)
19. Mrs. Margaret K. Chandler, Research Assistant Professor	DY80 ¹	4 080
(See Sociology and Anthropology)	DY20 ¹	(1 020)
(Total Salary)		(5 100)
20. E. L. Phillips, Assistant Professor	DY50	2 450
(See University Extension)	DY50	(2 450)
(Total Salary)		(4 900)
21. M. A. Horowitz, Research Assistant Professor	DY	5 200
22. B. W. Ruthven, Instructor	DY	4 500
23. Dorothy Dowell, Instructor	DY70	3 150
(See University Extension)	DY30	(1 350)
(Total Salary)		(4 500)
24. Thelma B. Fox, Research Associate and Instructor	DY	4 400
25. J. L. Tucker, Instructor	DY50	2 100
(See University Extension)	DY50	(2 100)
(Total Salary)		(4 200)
26. S. B. Levine, Research Associate	DY	4 100
27. Ruth A. Hudson, Research ¹ Associate	DY80 ¹	3 120
(See Sociology and Anthropology)	DY20 ¹	(780)
(Total Salary)		(3 900)
28. G. Y. Steiner, Research Associate	DY	3 900
29. R. H. Bergmann, Research Associate	DY	3 700
30. L. W. Staugas, Research Assistant	DY	3 100
31. Ruth Bender, Research Assistant	DY	3 000
32. 5.50 Part-time Research Assistants	E	13 300
33. Nonacademic Salaries	H	35 892
<i>Total, Salaries</i>		(165 845)
Wages		3 929
<i>Total, Salaries and Wages</i>		(169 774)

¹ Includes three-fourths time in Institute and one-fourth time in other department during academic year and full time in Institute in summer.

² Includes one-half time in each department during academic year and full time in Institute in summer.

Expense and Equipment

Expense	20 000
Equipment	4 000
<i>Total, Expense and Equipment.....</i>	<u>(24 000)</u>
<i>Total, Institute of Labor and Industrial Relations..</i>	<u>\$193 774</u>

SMALL HOMES COUNCIL**Summary**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Small Homes Council.....	\$51 685	\$ 9 172	\$60 857
Small Homes Council Publications Revolving....	8 830	15 670	24 500
<i>Total, Small Homes Council.....</i>	<u>\$60 515</u>	<u>\$24 842</u>	<u>\$85 357</u>

Expendable Gifts Funds

Organized Research:

Estimated new projects and renewals.....	\$2 500	\$1 000	\$3 500
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**United States Government Contracts
and Indirect Overhead Recovered**

Organized Research:

Estimated new projects and renewals	500	500	
<i>Total, Trust Funds</i>	<u>\$2 500</u>	<u>\$1 500</u>	<u>\$4 000</u>

Small Homes Council*Salaries and Wages*

1. W. H. Scheick, Director.....	DY}	\$ 10 000
Professor of Architecture.....	AY}	
2. J. T. Lendrum, Associate Director.....	DY}	7 500
Professor of Architecture.....	AY}	
3. R. A. Jones, Associate Professor of Architecture.....	AY80	5 520
(See Architecture).....	AY20	(1 380)
(Total Salary).....		(6 900)
4. W. H. Kapple, Research Assistant Professor of Architecture	DY	5 880
5. Maxine H. Kennedy, Editor, with rank of Assistant Professor	DY	4 905
6. R. H. Harrell, Research Associate.....	DY	3 660
7. Nonacademic Salaries.....	H	13 320
<i>Total, Salaries.....</i>		<u>(50 785)</u>
<i>Wages</i>		<u>900</u>
<i>Total, Salaries and Wages.....</i>		<u>(51 685)</u>
<i>Expense and Equipment</i>		
Expense		7 872
Equipment		1 300
<i>Total, Expense and Equipment.....</i>		<u>(9 172)</u>
<i>Total, Small Homes Council.....</i>		<u>\$ 60 857</u>

Small Homes Council Publications Revolving

(Entire budget from receipts)

1. Nonacademic Salaries.....	H	\$ 7 080
<i>Wages</i>		<u>1 750</u>
<i>Total, Salaries and Wages.....</i>		<u>(8 830)</u>
<i>Expense and Equipment</i>		
Expense		15 670
<i>Total, Small Homes Council Publications Revolving</i>		<u>\$ 24 500</u>

DIVISION OF SOCIAL WELFARE ADMINISTRATION

Salaries and Wages

1. Marietta Stevenson, Director.....	BY50	\$ 4 810
Professor	A50	3 940
(Total Salary)		(8 750)
2. Mrs. Florence I. Hosch, Associate Professor.....	A	6 200
3. W. P. Simon, Associate Professor.....	A	6 200
4. _____, Associate Professor.....	A	5 600
5. Rachel B. Marks, Associate Professor.....	A	5 200
6. Edward Linzer, Assistant Professor.....	B	5 300
7. D. Katharine Rogers, Assistant Professor.....	B	5 000
8. _____, Assistant Professor.....	D	5 000
9. Edith L. Nagel, Assistant Professor.....	B	4 800
10. J. E. McDonald, Assistant Professor.....	B	4 800
11. Mrs. Bernice T. Perlman, Assistant Professor.....	D	4 200
12. Marjorie W. Main, Assistant Professor.....	D	4 200
13. _____, Lecturer	DY12	1 000
(See Medicine, Pediatrics).....	AY76	(6 450)
(From Markle Foundation).....	DY12	(1 000)
(Total Salary)		(8 450)
14. Four Lecturers (one semester).....	G	2 200
15. 1.00 Part-time Assistants.....	E	2 400
16. Nonacademic Salaries	H	3 042
<i>Total, Salaries</i>		(73 892)
<i>Wages</i>		460
<i>Total, Salaries and Wages</i>		(74 352)

Expense and Equipment

Expense		4 500
Field Work Supervision.....		2 000
Equipment		400
<i>Total, Expense and Equipment</i>		(6 900)
<i>Total, Division of Social Welfare Administration</i>		\$ 81 252

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Division of Special Services for War Veterans....	\$53 278	\$ 7 000	\$ 60 278
Nursery School.....	43 251	3 775	47 026
<i>Total, Division of Special Services for War Veterans</i>	\$96 529	\$10 775	\$107 304

Division of Special Services for War Veterans

Salaries and Wages

1. R. G. Bone, Director.....	DY50	\$ 4 250
(See Division of General Studies).....	DY50	(4 250)
(Total Salary)		(8 500)
2. F. A. Bridgewater, Associate Director.....	DY	5 700
3. E. T. Sanford, Assistant Director.....	DY	5 100
4. Mrs. Walleah McArthur, Director of Welfare for Married Veterans	DY	3 650
5. T. J. Nugent, Counselor.....	D50	1 850
(See Physical Education for Men).....	D50	(1 850)
(Total Salary)		(3 700)
6. _____, Counselor	DY50	1 510
7. A. E. Overaker, Claims Assistant.....	DY50	1 510
8. W. M. Tonkin, Counselor.....	DY50	1 510

9. Nonacademic Salaries	H	18 198
<i>Total, Salaries</i>		(43 278)
Wages		10 000
<i>Total, Salaries and Wages</i>		(53 278)
<i>Expense and Equipment</i>		
Expense		6 000
Equipment		1 000
<i>Total, Expense and Equipment</i>		(7 000)
<i>Total, Division of Special Services for War Veterans</i>		\$ 60 278

Nursery School

Salaries and Wages

1. Mrs. Janet S. Blakeslee, Director.....	DY}	\$ 6 150
Associate Professor of Psychology.....	AY}	
2. Theresa J. Peterson, Instructor.....	D	3 825
3. _____, Instructor	D	3 500
4. Mrs. Esther A. Black, Instructor.....	D	3 425
5. Cornelia L. Clary, Instructor.....	D	3 300
6. Betty J. Ashworth, Assistant Teacher.....	D	3 200
7. Edith A. Matthews, Assistant Teacher.....	D	2 700
8. Patricia K. Faist, Assistant Teacher.....	D	2 700
9. _____, Assistant Teacher.....	D	2 700
10. Carol E. Foster, Assistant Teacher.....	D	2 700
11. Marion E. Compton, Nurse.....	DY	3 300
12. Nonacademic Salaries	H	2 001
<i>Total, Salaries</i>		(39 501)
Wages		3 750
<i>Total, Salaries and Wages</i>		(43 251)
<i>Expense and Equipment</i>		
Expense		2 275
Equipment		1 500
<i>Total, Expense and Equipment</i>		(3 775)
<i>Total, Nursery School</i>		\$ 47 026

LIBRARY

Administration

Salaries and Wages

1. R. B. Downs, Director of the University Library and the Library School	BY}	\$ 12 000
Professor of Library Science.....	AY}	
2. P. L. Windsor, Director of the University Library and the Library School and Professor of Library Science, Emeritus (From Retiring Allowances).....		(3 380)
3. A. H. Trotter, Assistant Director for Technical Departments	BY}	
Professor of Library Science.....	AY}	8 200
4. A. M. McAnally, Assistant Director for Public Service Departments	BY}	
Associate Professor of Library Science.....	AY}	7 500
5. Josie B. Houchens, Assistant University Librarian for Personnel	BY}	
Associate Professor of Library Science.....	AY}	7 000
6. Mary Lois Bull, Library Administrative Assistant, with rank of Assistant Professor.....	BY'	5 700
7. Nonacademic Salaries.....	H	16 084
<i>Total, Salaries</i>		(56 484)
Wages		2 500
<i>Total, Administration</i>		(58 984)

Technical

ACQUISITIONS

8. G. B. Brown, Acquisition Librarian and Associate Professor of Library Science..... AY \$ 6 200

9. Willia K. Garver, Assistant University Librarian for Acquisitions and Associate Professor of Library Science, *Emerita*..... ..
(Retiring allowance payable by Retirement System)

10. Helen M. Welch, Assistant Acquisition Librarian, with rank of Assistant Professor..... BY' 5 000

PURCHASE DIVISION

11. Alma DeJordy, Consultant in Bibliography, with rank of Instructor..... DY 4 300

12. Anne Marinelli, Bibliographer, with rank of Instructor... DY 4 000
(On leave without pay from September 1 to December 31, 1950)

13. R. L. Talmadge, Bibliographer, with rank of Instructor... DY 3 900

14. Evelyn M. Rogier, Bibliographer, with rank of Instructor DY 3 800

15. Barbara Bronson, Bibliographer, with rank of Instructor.. DY 3 660

16. Elizabeth P. Knowles, Bibliographer, with rank of Instructor..... DY 3 660

17. E. G. Linkhart, Bibliographer, with rank of Instructor... DY 3 660

18. Ruby V. Martz, Acquisition Assistant..... DY 3 400

19. R. W. Frantz, Jr., Acquisition Assistant..... DY 3 200

20. D. W. Graves, Acquisition Assistant..... DY⁵⁰ 1 500
(See Photographic Reproduction Library)..... DY⁵⁰ (1 500)
(Total Salary)..... (3 000)

SPECIAL COLLECTION DIVISION

21. Alice J. Appell, Bibliographer, with rank of Instructor... DY 3 900

GIFT AND EXCHANGE DIVISION

22. Kathleen M. Ruckman, Gift and Exchange Librarian, with rank of Instructor..... DY 4 300

23. Maurine Collins, Exchange Reviser, with rank of Instructor..... DY 4 000
(On leave without pay from September 1 through December 31, 1950)

24. E. A. Forrest, Jr., Bibliographer, with rank of Instructor DY 3 660

25. Mary Roberts, Exchange Assistant..... DY 3 500

26. Mrs. Lily C. Gara, Exchange Assistant..... DY 3 100

27. Elizabeth D. Kessler, Exchange Assistant..... DY 3 100

28. R. F. Scott, Exchange Assistant..... DY 3 100

PERIODICAL DIVISION

29. Mrs. Lucy K. Rumble, Periodical Librarian, with rank of Instructor..... DY 4 300

30. Mrs. Frances P. Saunders, Periodical Assistant..... DY 3 400

31. ———, Periodical Assistant..... DY 3 100

32. 1.50 Part-time Assistants..... DY 3 900

33. Nonacademic Salaries..... H 35 658
Total, Salaries, Acquisitions..... (125 298)

BINDING

34. Mrs. Avis A. Ball, Binding Librarian, with rank of Instructor..... DY 4 300

35. Margaret J. Lokke, Assistant Binding Librarian, with rank of Instructor..... DY 4 000

36. Mrs. Naomi C. Ellis, Binding Assistant..... DY 3 300

37. Nonacademic Salaries..... H 8 310
Total, Salaries, Binding..... (19 910)

CATALOG

38. Margaret Oldfather, Catalog Librarian and Assistant Professor of Library Science..... BY' 5 800

39. Eleanor M. Robertson, Assistant Catalog Librarian, with rank of Assistant Professor, <i>Emerita</i>.....	.....
(Retiring allowance payable by Retirement System)		
40. Marian Harman, Assistant Catalog Librarian, with rank of Assistant Professor.....	BY'	5 200
41. Esther W. Anell, Chief Serial Reviser, with rank of Assistant Professor.....	BY	4 880
42. Cleo Lichtenberger, Catalog Reviser, with rank of Assistant Professor.....	BY	4 880
43. C. U. Faye, Bibliographic Consultant and Cataloger, with rank of Assistant Professor.....	BY	4 880
(On leave with pay Semester I, 1950-1951)		
44. Mrs. Katherine M. Wheeler, Catalog Reviser, with rank of Assistant Professor, <i>Emerita</i>.....	.....
(Retiring allowance payable by Retirement System)		
45. Rebecca Briggs, Serial Reviser, with rank of Instructor...	DY	4 400
46. Floweree Heckert, Cataloger, with rank of Instructor....	DY	4 100
47. Louise F. Lodge, Cataloger, with rank of Instructor.....	DY	4 100
48. James Ranz, Cataloger, with rank of Instructor.....	DY	4 000
49. May Smith, Serial Cataloger, with rank of Instructor....	DY	3 900
50. Edith C. Jones, Cataloger and Classics Librarian, with rank of Instructor.....	DY	3 900
51. Clarissa O. Lewis, Cataloger, with rank of Instructor....	DY	3 900
52. Edith M. Marshall, Cataloger, with rank of Instructor...	DY	3 900
53. Mrs. Janet B. Munnis, Cataloger, with rank of Instructor	DY	3 900
54. Alice L. Boyd, Cataloger, with rank of Instructor.....	DY	3 900
55. Georgia R. Coffin, Cataloger, with rank of Instructor....	DY	3 900
56. Mrs. Lellia S. McLaughlin, Card Division Librarian, with rank of Instructor.....	DY	3 800
57. Irma L. Swank, Serial Cataloger, with rank of Instructor	DY	3 800
58. Alice M. Cooper, Serial Cataloger, with rank of Instructor	DY	3 800
59. Elizabeth R. Bantz, Serial Cataloger, with rank of Instructor.....	DY	3 760
60. R. K. Johnson, Cataloger, with rank of Instructor.....	DY	3 660
61. Meta M. Sexton, Cataloger, with rank of Instructor.....	DY	3 660
62. Ruth M. Protzman, Catalog Assistant.....	DY	3 500
63. Lorene Pouncey, Catalog Assistant.....	DY	3 500
64. Mrs. Jean A. Stockdale, Catalog Assistant.....	DY	3 500
65. Dorothy M. Short, Catalog Assistant.....	DY	3 500
66. Ann M. Potter, Catalog Assistant.....	DY	3 400
67. Emily M. Richards, Catalog Assistant.....	DY	3 200
68. Mrs. Mo-Ling H. Chen, Catalog Assistant.....	DY	3 200
69. Mrs. Deane W. Hill, Catalog Assistant.....	DY	3 200
70. .75 Part-time Assistants.....	DY	2 100
71. Nonacademic Salaries.....	H	41 994
<i>Total, Salaries, Catalog</i>		(163 114)
PHOTOGRAPHIC REPRODUCTION LABORATORY		
72. D. W. Graves, Photographic Reproduction Laboratory Assistant.....	DY ₅₀	1 500
(See Acquisitions).....	DY ₅₀	(1 500)
(Total Salary).....		(3 000)
73. Nonacademic Salaries.....	H	3 702
<i>Total, Salaries, Photographic Reproduction Laboratory</i>		(5 202)
<i>Total, Salaries, Technical Departments</i>		(313 524)
Wages: Acquisitions \$4,000; Binding \$5,200; Catalog \$6,600;		
Photographic Reproduction Laboratory \$400.....		16 200
<i>Total, Technical Departments</i>		(329 724)

Salaries and Wages

Public Service

CIRCULATION

74. W. S. Yenawine, Circulation Librarian and Instructor in Library Science.....	DY	\$ 6 000
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75. Emma R. Jutton, Circulation Librarian and Associate in Library Science, <i>Emerita</i>	
(Retiring allowance payable by Retirement System)		
76. Helen T. Stewart, Assistant Circulation Librarian, with rank of Instructor.....	DY	4 600
77. E. A. Holtman, Bookstacks Librarian, with rank of Instructor	DY	4 300
78. Cecelia McCarthy, Extension Loans Librarian, with rank of Instructor	DY	3 900
79. N. H. Deal, Circulation Assistant.....	DY	3 660
80. Elizabeth Schwartz, Circulation Assistant.....	DY	3 500
81. Mrs. Ann T. Johnson, Circulation Assistant.....	DY	3 400
82. Sherwood Kirk, Circulation Assistant.....	DY	3 100
83. R. W. Kidder, Circulation Assistant, with rank of Instructor	DY ⁵⁰	1 500
84. 1.00 Part-time Assistants.....	DY	2 500
85. Nonacademic Salaries	H	15 582
<i>Total, Salaries, Circulation</i>		(52 042)

DEPARTMENTAL LIBRARIES

86. L. E. Bamber, Natural History Librarian and Associate Professor of Library Science.....	AY	6 300
87. Sara Graham, Natural History Library Assistant.....	DY	3 780
88. D. A. Brown, Agriculture Librarian and Assistant Professor of Library Science.....	BY	5 000
89. Helen F. Kuhns, Agriculture Library Assistant.....	DY	3 400
90. Nelle M. Signor, History and Political Science Librarian and Instructor in Library Science.....	DY	4 500
91. Fina C. Ott, Commerce and Sociology Librarian, with rank of Instructor.....	DY	3 900
92. ———, Commerce and Sociology Library Assistant	DY	3 250
93. Hilda J. Alseth, Engineering Librarian and Assistant Professor of Library Science.....	BY	5 100
94. ———, Engineering Library Assistant.....	DY	3 000
95. P. J. Burnette, Education, Philosophy, and Psychology Librarian, with rank of Assistant Professor.....	DY	4 880
96. Ida F. Tod, Education, Philosophy, and Psychology Librarian, <i>Emerita</i> .....	.....
(Retiring allowance payable by Retirement System)		
97. Alice M. Martin, Education, Philosophy, and Psychology Library Assistant	DY	3 500
98. Florence M. Harding, Germanic and Romance Languages Librarian, with rank of Instructor.....	DY	4 000
99. Cerilla E. Saylor, Architecture Librarian and Assistant Professor of Library Science.....	BY	5 100
100. Helen M. Reynolds, Architecture Library Assistant, with rank of Instructor.....	DY	4 100
101. Mrs. Mary A. Vance, Architecture Library Assistant, with rank of Instructor.....	DY	3 860
102. Mrs. Marian C. Cramer, Architecture Library Assistant	DY	3 200
103. Mrs. Bernita J. Davies, Law Librarian and Assistant Professor of Library Science.....	BY	5 100
104. Alice E. Holt, Law Library Assistant.....	DY	3 500
105. E. S. Warrick, Mathematics Librarian, with rank of Instructor	DY	3 760
106. Eva F. Benton, English Librarian, with rank of Instructor	DY	3 900
107. Ruth T. Power, Chemistry Librarian, with rank of Instructor	DY	4 500
108. Eunice Collins, Journalism Librarian and Assistant Professor of Journalism.....	BY ⁵⁰	2 560
(See Journalism and Communications).....	B ⁵⁰	(2 100)
(Total Salary)		(4 660)

109. Virginia A. Berg, Journalism Library Assistant.....	DY	3 400
110. Edith C. Jones, Cataloger and Classics Librarian, with rank of Instructor.....		.....
(Salary under Catalog Department)		
111. Isabelle F. Grant, Rare Book Room Librarian, with rank of Instructor	DY	4 500
112. Sylvia C. Gilmore, Browsing Room Librarian, with rank of Instructor	DY	3 660
113. Mrs. Ruth H. Rockwood, Illini Union Browsing Room Librarian, with rank of Assistant.....	DY	3 660
114. Donna D. Finger, Library School Librarian and Instructor in Library Science.....	DY	4 250
115. _____, Library School Library Assistant.....	DY	3 000
116. T. E. Ratcliffe, Librarian, Undergraduate Library, with rank of Instructor.....	DY	4 400
117. Bette J. Patterson, Reference Librarian, Undergraduate Library, with rank of Instructor.....	DY	3 800
118. Eleanor Blum, Reference Librarian, Undergraduate Library, with rank of Instructor.....	DY	3 660
119. Mrs. Theo Nelson, Physical Education Librarian, with rank of Instructor.....	DY	3 800
120. Mrs. Marjorie J. Schaeve, University High School Librarian and Assistant Professor of Library Science.	BY	5 100
121. Joseph Allen, Music Librarian and Assistant Professor of Music	BY88	4 620
(See Music)	BI2	(480)
(Total Salary)		(5 100)
122. Virginia Shirley, Music Library Assistant.....	DY	3 400
123. B. M. Woods, Map Librarian, with rank of Assistant....	DY	3 500
124. Icko Iben, Newspaper Librarian and Archivist, with rank of Instructor	DY	4 500
125. R. E. McCoy, Reference Librarian, Institute of Labor and Industrial Relations, with rank of Assistant Professor	DY50	2 800
(See Institute of Labor and Industrial Relations).....	DY50	(2 800)
(Total Salary)		(5 600)
126. 2.75 Part-time Assistants.....	DY	7 650
127. Nonacademic Salaries	H	41 378
Total, Salaries, Departmental Libraries.....		(201 268)

REFERENCE

128. Alice S. Johnson, Reference Librarian and Assistant Professor of Library Science.....	BY	5 600
129. Fanny Dunlap, Reference Librarian and Assistant Professor of Library Science.....	BY	5 600
130. Dorothy M. Black, Associate Reference Librarian, with rank of Assistant Professor.....	BY	5 000
131. Barbara Bitting, Assistant Reference Librarian, with rank of Instructor.....	DY	4 100
132. Ida F. Robertson, Assistant Reference Librarian, with rank of Instructor.....	DY	3 960
133. Martha L. Hackman, Assistant Reference Librarian, with rank of Instructor.....	DY	3 800
134. Mrs. Beulah N. Olinger, Reference Assistant.....	DY	3 500
135. .50 Part-time Assistants.....	DY50	1 500
Total, Salaries, Reference.....		(33 060)
Total, Salaries, Public Service Departments.....		(286 370)
Wages: Circulation \$24,000; Departmental Libraries \$54,200; Reference \$1,300		77 500
Total, Public Service Departments.....		(363 870)
Total, Salaries, Urbana Libraries.....		(656 378)
Total, Wages, Urbana Libraries.....		(96 200)
Total, Salaries and Wages, Urbana Libraries.....		(752 578)

Expense and Equipment

Expense	36 000
Equipment	8 410
Library Additions, Law	22 000
Library Additions, General	230 000
<i>Total, Expense and Equipment</i>	<u>(296 410)</u>
<i>Total, Urbana Libraries</i>	\$1 048 988

Libraries

Expendable Gift and Endowment Funds	Salaries and Wages	Other Expense	Total
Estimated new projects and renewals		\$500	\$500

PHYSICAL PLANT

Summary

	Salaries and Wages	Other Expense	Total
<i>Operation and Maintenance</i>			
Administration	\$106 014	\$17 795	\$123 809
Operation:			
Building Operation	662 980	64 967	727 947
Fire Prevention and Safety	90 933	9 906	100 839
Police and Watchmen	94 614	10 575	105 189
<i>Total, Operation</i>	<u>(848 527)</u>	<u>(85 448)</u>	<u>(933 975)</u>
Maintenance:			
Building Maintenance	304 827	248 640	553 467
General Maintenance	133 390	29 040	162 430
Grounds	105 106	26 236	131 342
Trucks and Cars	79 585	34 452	114 037
<i>Total, Maintenance</i>	<u>(622 908)</u>	<u>(338 368)</u>	<u>(961 276)</u>
Utilities:			
Heat, Light, and Power	377 373	274 155	651 528
Water Station	21 665	48 694	70 359
<i>Total, Utilities</i>	<u>(399 038)</u>	<u>(322 849)</u>	<u>(721 887)</u>
<i>Total, Operation and Maintenance</i>	<u>(1 976 487)</u>	<u>(764 460)</u>	<u>(2 740 947)</u>
<i>Special Items</i>			
Illini Union Building ¹		85 620	85 620
Prevailing Wage Rate Increases	127 369		127 369
Minor Improvements		50 000	50 000
<i>Total, Special Items</i>	<u>(127 369)</u>	<u>(135 620)</u>	<u>(262 989)</u>
<i>Total, Physical Plant</i>	<u>(2 103 856)</u>	<u>(900 080)</u>	<u>(3 003 936)</u>
<i>Auxiliary Enterprises</i>			
Illini Union Building (Trust):			
General Building	199 169	211 211	410 380
Food Service	179 265	342 739	522 004
Coffee House	75 875	152 522	228 397
Bowling Alleys	15 220	9 396	24 616
Billiards	4 448	1 908	6 356
University Club	11 720	23 567	35 287
Bookstore	41 106	392 275	433 381
<i>Total, Illini Union</i>	<u>(526 803)</u>	<u>(1 133 618)</u>	<u>(1 660 421)</u>
Housing Division (Trust):			
Administration	(49 928) ²	(12 446) ²	(62 374) ²
Lincoln Avenue Residence	125 470	231 429	356 899
Men's Residence Halls	114 491	234 231	348 722
Student-Staff Apartments	8 068	141 610	149 678
Staff Housing	5 309	109 080	114 389
Residence Hall Canteens	15 013	42 576	57 689
<i>Total, Housing Division Trust</i>	<u>(268 351)</u>	<u>(759 026)</u>	<u>(1 027 377)</u>

¹ Included also in estimated expenditures for Illini Union Building.² Portion distributed to each of the operating units and included in their budget.

Summary (concluded)

<i>Auxiliary Enterprises</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Housing Division (General):			
Busey-Evans Halls.....	106 313	146 135	252 448
Parade Ground Dormitories.....	110 827	157 477	268 304
Co-op Houses.....	2 160	17 397	19 557
Temporary Family Housing.....	37 313	305 395	342 708
<i>Total, Housing Division General....</i>	<i>(256 613)</i>	<i>(626 404)</i>	<i>(883 017)</i>
<i>Total, Housing Division.....</i>	<i>(524 964)</i>	<i>(1 385 430)</i>	<i>(1 910 394)</i>
<i>Total, Auxiliary Enterprises.....</i>	<i>(1 051 767)</i>	<i>(2 519 048)</i>	<i>(3 570 815)</i>
Grand Total.....	\$3 155 623	\$3 419 128	\$6 574 751

Expendable Endowment Funds

Estimated new projects and renewals.....	<u> </u>	\$500	\$500
Total.....	.....	\$500	\$500

Administration

<i>Salaries and Wages</i>		
1. C. S. Havens, Director of Physical Plant Department... DY	\$ 10 500	
2. John Doak, Superintendent of Buildings and Grounds.. DY	9 300	
3. E. L. Stouffer, Architect..... DY	9 300	
4. Nonacademic Salaries..... H	72 474	
<i>Total, Salaries.....</i>	<i>(101 574)</i>	
Wages.....	4 440	
<i>Total, Salaries and Wages.....</i>	<i>(106 014)</i>	
<i>Expense and Equipment</i>		
Expense.....	14 400	
Renewals and Replacements.....	3 395	
<i>Total, Expense and Equipment.....</i>	<i>(17 795)</i>	
<i>Total, Administration.....</i>	<i>\$123 809</i>	

Building Operation

<i>Salaries and Wages</i>		
1. Nonacademic Salaries..... H	\$ 12 008	
Wages.....	650 972	
<i>Total, Salaries and Wages.....</i>	<i>(662 980)</i>	
<i>Expense and Equipment</i>		
Expense.....	63 517	
Renewals and Replacements.....	1 450	
<i>Total, Expense and Equipment.....</i>	<i>(64 967)</i>	
<i>Total, Building Operation.....</i>	<i>\$727 947</i>	

Fire Prevention and Safety

<i>Salaries and Wages</i>		
1. Nonacademic Salaries..... H	\$ 4 664	
Wages.....	86 269	
<i>Total, Salaries and Wages.....</i>	<i>(90 933)</i>	
<i>Expense and Equipment</i>		
Expense.....	6 511	
Renewals and Replacements.....	3 395	
<i>Total, Expense and Equipment.....</i>	<i>(9 906)</i>	
<i>Total, Fire Prevention and Safety.....</i>	<i>\$100 839</i>	

Police and Watchmen

<i>Salaries and Wages</i>		
1. Nonacademic Salaries..... H	\$ 4 425	
Wages.....	90 189	
<i>Total, Salaries and Wages.....</i>	<i>(94 614)</i>	
<i>Expense and Equipment</i>		
Expense.....	4 475	
Renewals and Replacements.....	6 100	
<i>Total, Expense and Equipment.....</i>	<i>(10 575)</i>	
<i>Total, Police and Watchmen.....</i>	<i>\$105 189</i>	

		Building Maintenance	
<i>Salaries and Wages</i>			
1. Nonacademic Salaries.....	H	\$ 19 668	
Wages		285 159	
<i>Total, Salaries and Wages.....</i>		<u>(304 827)</u>	
<i>Expense and Equipment</i>			
Expense		90 100	
Renewals and Replacements.....		158 540	
<i>Total, Expense and Equipment.....</i>		<u>(248 640)</u>	
<i>Total, Building Maintenance.....</i>		<u>\$553 467</u>	
		General Maintenance	
<i>Salaries and Wages</i>			
1. Nonacademic Salaries.....	H	\$ 14 802	
Wages		118 588	
<i>Total, Salaries and Wages.....</i>		<u>(133 390)</u>	
<i>Expense and Equipment</i>			
Expense		21 090	
Renewals and Replacements.....		7 950	
<i>Total, Expense and Equipment.....</i>		<u>(29 040)</u>	
<i>Total, General Maintenance.....</i>		<u>\$162 430</u>	
		Grounds	
<i>Salaries and Wages</i>			
1. Nonacademic Salaries.....	H	\$ 7 780	
Wages		97 326	
<i>Total, Salaries and Wages.....</i>		<u>(105 106)</u>	
<i>Expense and Equipment</i>			
Expense		8 686	
Renewals and Replacements.....		17 550	
<i>Total, Expense and Equipment.....</i>		<u>(26 236)</u>	
<i>Total, Grounds.....</i>		<u>\$131 342</u>	
		Trucks and Cars	
<i>Salaries and Wages</i>			
1. Nonacademic Salaries.....	H	\$ 2 700	
Wages		76 885	
<i>Total, Salaries and Wages.....</i>		<u>(79 585)</u>	
<i>Expense and Equipment</i>			
Expense		16 072	
Renewals and Replacements.....		18 380	
<i>Total, Expense and Equipment.....</i>		<u>(34 452)</u>	
<i>Total, Trucks and Cars.....</i>		<u>\$114 037</u>	
		Heat, Light, and Power	
<i>Salaries and Wages</i>			
1. Nonacademic Salaries.....	H	\$ 24 780	
Wages		352 593	
<i>Total, Salaries and Wages.....</i>		<u>(377 373)</u>	
<i>Expense and Equipment</i>			
Expense		248 755	
Renewals and Replacements.....		25 400	
<i>Total, Expense and Equipment.....</i>		<u>(274 155)</u>	
<i>Total, Heat, Light, and Power.....</i>		<u>\$651 528</u>	
		Water Station	
<i>Salaries and Wages</i>			
1. Nonacademic Salaries.....	H	\$ 4 432	
Wages		17 233	
<i>Total, Salaries and Wages.....</i>		<u>(21 665)</u>	

Expense and Equipment

Expense	47 444
Renewals and Replacements.....	1 250
<i>Total, Expense and Equipment.....</i>	<i>(48 694)</i>
<i>Total, Water Station.....</i>	<i>\$ 70 359</i>

Special Items

ILLINI UNION BUILDING

Expense and Equipment

Operation — Exemptions from Student Building Service Charge (Graduate and Undergraduate Students).....	\$ 5 000
Rental from University functions.....	5 000
Rental for space occupied by University offices.....	1 200
Building service charge of \$12.50 for all faculty and staff members	55 750
Reservations Office.....	4 900
University Telephone Service.....	7 500
Information Office.....	5 520
Lost and Found.....	750
<i>Total, Illini Union Building.....</i>	<i>(85 620)</i>

MINOR IMPROVEMENTS

Expense and Equipment

Unassigned	50 000
PREVAILING WAGE RATE INCREASES	
<i>Salaries and Wages</i>	
Unassigned	127 369
<i>Total, Special Items.....</i>	<i>\$262 989</i>

Architectural Division

(Entire budget from charges to capital or operating appropriations on basis of work performed)

Salaries and Wages

1. Nonacademic Salaries.....	H	\$ (124 389)
Wages		(4 000)
<i>Total, Salaries and Wages.....</i>		<i>(128 389)</i>

Expense and Equipment

General Department Expense.....	(3 700)
<i>Total, Architectural Division.....</i>	<i>\$(132 089)</i>

Auxiliary Enterprises**Illini Union — General Building***Salaries and Wages*

1. V. L. Kretschmer, Director Illini Union.....	DY	\$ 8 200
2. Irene D. Pierson, Social Director.....	DY	5 226 ¹
3. Nonacademic Salaries.....	H	69 426
<i>Total, Salaries.....</i>		<i>(82 852)</i>
Wages		116 317
<i>Total, Salaries and Wages.....</i>		<i>(199 169)</i>

Expense and Equipment

Expense	157 572
Debt Service.....	53 639
<i>Total, Expense and Equipment.....</i>	<i>(211 211)</i>
<i>Total, Illini Union — General Building.....</i>	<i>\$410 380</i>

Illini Union — Food Service*Salaries and Wages*

1. Nonacademic Salaries.....	H	\$ 35 241
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¹ Also furnished one meal a day while on duty, valued at \$84 a year, for the convenience of the employee.

Wages	144 024
<i>Total, Salaries and Wages</i>	(179 265)
<i>Expense and Equipment</i>	
Expense	342 739
<i>Total, Illini Union — Food Service</i>	\$522 004

Illini Union — Bookstore

<i>Salaries and Wages</i>	
1. Nonacademic Salaries..... H	\$ 25 707
Wages	15 399
<i>Total, Salaries and Wages</i>	(41 106)
<i>Expense and Equipment</i>	
Expense	392 275
<i>Total, Illini Union — Bookstore</i>	\$433 381

Illini Union — Coffee House

<i>Salaries and Wages</i>	
1. Nonacademic Salaries..... H	\$ 17 243
Wages	58 632
<i>Total, Salaries and Wages</i>	(75 875)
<i>Expense and Equipment</i>	
Expense	152 522
<i>Total, Illini Union — Coffee House</i>	\$228 397

Illini Union — Bowling Alley

<i>Salaries and Wages</i>	
1. Nonacademic Salaries..... H	\$ 4 470
Wages	10 750
<i>Total, Salaries and Wages</i>	(15 220)
<i>Expense and Equipment</i>	
Expense	9 396
<i>Total, Illini Union — Bowling Alley</i>	\$ 24 616

Illini Union — Billiards

<i>Salaries and Wages</i>	
1. Nonacademic Salaries..... H	\$ 2 298
Wages	2 150
<i>Total, Salaries and Wages</i>	(4 448)
<i>Expense and Equipment</i>	
Expense	1 908
<i>Total, Illini Union — Billiards</i>	\$ 6 356

Illini Union — University Club

<i>Salaries and Wages</i>	
1. Nonacademic Salaries..... H	\$ 2 565
Wages	9 155
<i>Total, Salaries and Wages</i>	(11 720)
<i>Expense and Equipment</i>	
Expense	23 567
<i>Total, Illini Union — University Club</i>	\$ 35 287

Housing Division — Administration (Distributed to the operating units and included in their budgets)

<i>Salaries and Wages</i>	
1. S. E. Thompson, Director of the Housing Division..... DY50	\$ 4 100
(See Dean of Students, Housing Division)..... DY50	(4 100)
(Total Salary).....	(8 200)
2. Nonacademic Salaries..... H	43 108
<i>Total, Salaries</i>	(47 208)

Wages	2 720
<i>Total, Salaries and Wages</i>	(49 928)
<i>Expense and Equipment</i>	
Expense	11 796
Equipment	650
<i>Total, Expense and Equipment</i>	(12 446)
<i>Total, Housing Division — Administration</i>	\$ 62 374

Housing Division — Men's Residence Halls*Salaries and Wages*

1. W. H. Krebs, Manager of Residence Halls.....	DY31	\$ 1 800
(See Busey-Evans Halls)	DY26	(1 500)
(See Lincoln Avenue Residence)	DY34	(2 000)
(See Parade Ground Units)	DY9	(500)
(Total Salary)		(5 800)
2. Nonacademic Salaries.....	H	18 386
<i>Total, Salaries</i>		(20 186)

Wages	94 305
<i>Total, Salaries and Wages</i>	(114 491)

Expense and Equipment

Expense	234 231
<i>Total, Housing Division — Men's Residence Halls</i> ...	\$348 722

Housing Division — Busey-Evans Halls*Salaries and Wages*

1. W. H. Krebs, Manager of Residence Halls.....	DY26	\$ 1 500
(See Men's Residence Halls)	DY31	(1 800)
(See Lincoln Avenue Residence)	DY34	(2 000)
(See Parade Ground Units)	DY9	(500)
(Total Salary)		(5 800)
2. Nonacademic Salaries.....	H	21 549
<i>Total, Salaries</i>		(23 049)
Wages		83 264
<i>Total, Salaries and Wages</i>		(106 313)

Expense and Equipment

Expense	146 135
<i>Total, Housing Division — Busey-Evans Halls</i>	\$252 448

Housing Division — Lincoln Avenue Residence*Salaries and Wages*

1. W. H. Krebs, Manager of Residence Halls.....	DY34	\$ 2 000
(See Men's Residence Halls)	DY31	(1 800)
(See Busey-Evans Halls)	DY26	(1 500)
(See Parade Ground Units)	DY9	(500)
(Total Salary)		(5 800)
2. Nonacademic Salaries.....	H	21 817
<i>Total, Salaries</i>		(23 817)

Wages	101 653
<i>Total, Salaries and Wages</i>	(125 470)

Expense and Equipment

Expense	231 429
<i>Total, Housing Division — Lincoln Avenue Residence</i>	\$356 899

Housing Division — Parade Ground Dormitories*Salaries and Wages*

1. W. H. Krebs, Manager of Residence Halls.....	DY9	\$ 500
(See Men's Residence Halls)	DY31	(1 800)
(See Busey-Evans Halls)	DY26	(1 500)
(See Lincoln Avenue Residence)	DY34	(2 000)
(Total Salary)		(5 800)
2. C. J. Hubble, Manager of Temporary Dormitories.....	DY	4 800

3. Mrs. Grace David, Reserve House Director.....	G28	350 ¹
(See Dean of Women).....	G72	(900)
(Total Salary)		(1 250)
4. Nonacademic Salaries	H	19 443
<i>Total, Salaries</i>		(25 093)
Wages		85 734
<i>Total, Salaries and Wages</i>		(110 827)
<i>Expense and Equipment</i>		
Expense		157 477
<i>Total, Housing Division — Parade Ground Dormitories</i>		\$268 304

Housing Division — Co-op Houses*Salaries and Wages*

1. Mrs. Marie S. Barbre, House Director, Alpha House....	G72	\$ 720 ²
(See Dean of Women).....	G23	(400)
(Total Salary)		(1 120)
(September 1, 1950, to June 30, 1951)		
2. Mrs. Arahbell Conlee, House Director, Beta House.....	G72	720 ³
(See Dean of Women).....	G23	(400)
(Total Salary)		(1 120)
(September 1, 1950, to June 30, 1951)		
3. ———, House Director, Gamma House.....	G72	720 ²
(See Dean of Women).....	G23	(400)
(Total Salary)		(1 120)
(September 1, 1950, to June 30, 1951)		
4. Nonacademic Salaries	H	.....
<i>Total, Salaries</i>		(2 160)

Expense and Equipment

Expense		17 397
<i>Total, Housing Division — Co-op Houses</i>		\$ 19 557

Housing Division — Student and Staff Apartments*Salaries and Wages*

Wages		\$ 8 068
<i>Expense and Equipment</i>		
Expense		44 759
Debt Service		96 851
<i>Total, Expense and Equipment</i>		(141 610)
<i>Total, Housing Division — Student and Staff Apartments</i>		\$149 678 ⁴

Housing Division — Staff Housing*Salaries and Wages*

1. Nonacademic Salaries	H	\$ 5 309
<i>Expense and Equipment</i>		
Expense		74 483
Debt Service		34 597
<i>Total, Expense and Equipment</i>		(109 080)
<i>Total, Housing Division — Staff Housing</i>		\$114 389 ⁴

Housing Division — Temporary Family Housing*Salaries and Wages*

1. Nonacademic Salaries	H	\$ 35 516
Wages		1 797
<i>Total, Salaries and Wages</i>		(37 313)

¹ Also furnished room, valued at \$10 a month, for the convenience of the University.² Also furnished three meals a day while on duty and dining room is open and in operation, valued at \$21 a month, for the convenience of the University.³ Includes the following: Student-Staff Apartments first unit, \$88,389; Student-Staff Apartments second unit, \$61,289.⁴ Includes the following: (1) Trust: Staff Housing Operations, \$33,518; Hessel Boulevard Staff Housing Operations, \$24,592. (2) General: Permanent Staff Housing Operations, \$27,546; Race and Florida Operations, \$28,733.

Expense and Equipment

Expense	305 395
<i>Total, Housing Division—Temporary Family Housing</i>	<u>\$342 708¹</u>

Housing Division—Residence Hall Canteens*Salaries and Wages*

Wages	\$ 15 013
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Expense and Equipment

Expense	42 676
<i>Total, Housing Division—Residence Hall Canteens..</i>	<u>\$ 57 689</u>

SCHOLARSHIPS, FELLOWSHIPS, AND PRIZES²**Expendable Gift and Endowment Funds**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Endowment Income.....	\$ 50 000		\$ 50 000
Gifts.....		75 000	75 000
<i>Total.....</i>		<u>\$125 000</u>	<u>\$125 000</u>

MISCELLANEOUS ACCOUNTS

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Farm Operations</i>			
Allerton.....	\$ 50 000		\$ 50 000
Carter-Pennell.....	8 000		8 000
Wright.....	60 000		60 000
<i>Total, Farm Operations.....</i>		(118 000)	(118 000)
<i>Miscellaneous Rentals</i>			
Illini Hall, Arcade, and Nally Property.....		10 870	10 870
<i>Endowment Income</i>			
Annuities.....		250	250
<i>United States Government Contracts</i>			
Veterans Books and Supplies.....		400 000	400 000
<i>Total.....</i>		<u>\$529 120</u>	<u>\$529 120</u>

¹ Includes the following: Stadium Terrace Operations, \$221,712; Illini Village Operations, \$120,996.

² See also Fellowships under Graduate College.

CHICAGO PROFESSIONAL COLLEGES

SUMMARY OF BUDGET APPROPRIATIONS

	<i>From General Income</i>	<i>From Restricted Income</i>	<i>Total</i>
<i>Educational and General</i>			
Administration and General			
General Administrative Offices.....	\$267 272	.....	\$267 272
General Student Service.....	52 684	.....	52 684
General University Service.....	25 300	.....	25 300
Security Benefits.....	1 000	.....	1 000
<i>Total, Administration and General</i>	(346 256)	.....	(346 256)
<i>Instruction and Departmental Research</i>			
Colleges, Schools, and Departments			
Medicine.....	1 829 552	.....	1 829 552
Dentistry.....	466 966	.....	466 966
Pharmacy.....	239 976	.....	239 976
Graduate College.....	3 045	.....	3 045
School of Nursing.....	57 908	.....	57 908
Social Welfare Administration.....	58 950	.....	58 950
Physical Education.....	12 168	.....	12 168
<i>Total, Colleges, Schools, and Departments</i> (2 668 565)		.....	(2 668 565)
Organized Activities Relating to Instructional Departments			
Research and Educational Hospitals.....	1 782 561	\$12 200	1 794 761
Illinois Eye and Ear Infirmary.....	185 870	.....	185 870
<i>Total, Organized Activities</i>	(1 968 431)	(12 200)	(1 980 631)
<i>Total, Instruction and Departmental Research</i>	(4 636 996)	(12 200)	(4 649 196)
<i>Organized Research</i>			
Graduate College.....	5 500	.....	5 500
Aeromedical and Physical Environment			
Laboratory.....	60 250	.....	60 250
Institution for Tuberculosis Research.....	.....	36 000	36 000
<i>Total, Organized Research</i>	(65 750)	(36 000)	(101 750)
<i>Extension and Public Service</i>			
Dentistry Postgraduate Telephone			
Revolving.....	.....	100 000	100 000
Libraries.....	68 278	.....	68 278
Physical Plant.....	1 135 734	35 500	1 171 234
Endowment Income, Gift Funds, and United States Government Contracts.....	.....	685 200	685 200
<i>Total, Educational and General</i>	(6 253 014)	(868 900)	(7 121 914)
<i>Auxiliary Enterprises</i>.....	.....	194 383	194 383
<i>Student Aid</i>			
Scholarships, Fellowships, and Prizes.....	18 000	20 000	38 000
<i>Total, Appropriations</i>	\$6 271 014	\$1 083 283	\$7 354 297

COMPARATIVE SUMMARY OF BUDGET APPROPRIATIONS

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Educational and General</i>			
Administration and General			
General Administrative Offices.....	\$231 142	\$36 130	\$267 272
General Student Service.....	49 264	3 420	52 684
General University Service.....	12 975	12 325	25 300
Security Benefits.....	1 000	.....	1 000
<i>Total, Administration and General</i>	(294 381)	(51 875)	(346 256)

COMPARATIVE SUMMARY (CONCLUDED)

<i>Educational and General</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Instruction and Departmental Research			
Colleges, Schools, and Departments			
Medicine.....	1 565 788	263 764	1 829 552
Dentistry.....	393 466	73 500	466 966
Pharmacy.....	207 226	32 750	239 976
Graduate College.....	2 645	400	3 045
School of Nursing.....	22 508	35 400	57 908
Social Welfare Administration.....	55 450	3 500	58 950
Physical Education.....	9 468	2 700	12 168
<i>Total, Colleges, Schools, and Departments</i> (2 256 551)		(412 014)	(2 668 565)
Organized Activities Relating to Instructional Departments			
Research and Educational Hospitals.....	1 301 199	493 562	1 794 761
Illinois Eye and Ear Infirmary.....	180 670	5 200	185 870
<i>Total, Organized Activities</i> (1 481 869)		(498 762)	(1 980 631)
<i>Total, Instruction and Departmental Research</i> (3 738 420)		(910 776)	(4 649 196)
Organized Research			
Graduate College.....	5 500	.....	5 500
Aeromedical and Physical Environment			
Laboratory.....	45 500	14 750	60 250
Institution for Tuberculosis Research.....	32 500	3 500	36 000
<i>Total, Organized Research</i> (83 500)		(18 250)	(101 750)
Extension and Public Service			
Dentistry Postgraduate Telephone			
Revolving.....	7 050	92 950	100 000
Libraries.....	44 278	24 000	68 278
Physical Plant.....	807 722	363 512	1 171 234
Endowment Income, Gift Funds, and United States Government Contracts.....	467 150	218 050	685 200
<i>Total, Educational and General</i> (5 442 501)		(1 679 413)	(7 121 914)
<i>Auxiliary Enterprises</i>	81 402	112 981	194 383
<i>Student Aid</i>			
Scholarships, Fellowships, and Prizes.....	.....	38 000	38 000
<i>Total, Appropriations</i>	\$5 523 903	\$1 830 394	\$7 354 297 ¹

SUMMARY OF EXPENDABLE ENDOWMENT INCOME, GIFTS, UNITED STATES GOVERNMENT CONTRACTS, AND OTHER TRUST FUNDS

<i>Educational and General</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration and General.....	.....	\$10 000	\$10 000
Instruction and Departmental Research			
Medicine.....	.....	9 000	9 000
Organized Activities Relating to Instructional Departments			
Research and Educational Hospitals.....	\$12 000	6 000	18 000
Organized Research			
Medicine.....	400 000	175 000	575 000
Dentistry.....	48 500	15 500	64 000
Pharmacy.....	1 250	250	1 500
Graduate College.....	4 500	500	5 000
Aeromedical and Physical Environment Laboratory.....	900	300	1 200
<i>Total, Organized Research</i> (455 150)		(191 550)	(646 700)

¹ Sources of funds: General Income, \$6,271,014; Restricted Income, \$1,083,283; total, \$7,354,297.

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Educational and General</i>			
Libraries.....		1 500	1 500
<i>Total, Educational and General</i>	(467 150)	(218 050)	(685 200)
<i>Student Aid</i>			
Scholarships, Fellowships, and Prizes.....		20 000	20 000
<i>Grand Total</i>	\$467 150	\$238 050	\$705 200

GENERAL ADMINISTRATIVE OFFICES, DEPARTMENTS, AND EXPENSE

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>General Administrative Offices</i>			
Vice-President's Office.....	\$ 28 950	\$ 7 180	\$ 36 130
Business Office.....	144 400	22 000	166 400
Admissions and Records.....	26 479	2 500	28 979
Nonacademic Personnel.....	31 313	4 450	35 763
<i>Total, General Administrative Offices</i>	(231 142)	(36 130)	(267 272)
<i>General Student Service</i>			
Dean of Students.....	12 720	1 700	14 420
Health Service.....	36 544	1 720	38 264
<i>Total, General Student Service</i>	(49 264)	(3 420)	(52 684)
<i>General University Service</i>			
Division of Communications			
Public Information.....	12 975	4 525	17 500
Commencement.....		800	800
Research Exhibit.....		2 500	2 500
Incidental and Emergency.....		2 000	2 000
Faculty Bulletin.....		2 500	2 500
<i>Total, General University Service</i>	(12 975)	(12 325)	(25 300)
<i>Security Benefits</i>			
Death and Disability Benefits.....	1 000	.....	1 000
<i>Grand Total, General Administrative Offices, Departments, and Expense</i>	\$294 381	\$51 875	\$346 256

United States Government Contracts
and Indirect Costs Recovered

Administration and General.....	.....	\$10 000	\$10 000
<i>Total, Trust Funds</i>.....	.....	\$10 000	\$10 000

ADMINISTRATION AND GENERAL

Vice-President's Office

<i>Salaries and Wages</i>			
1. A. C. Ivy, Vice-President, in charge of Chicago Profes- sional Colleges.....	BY	\$ 20 000	
Distinguished Professor of Physiology and Head of the Department of Clinical Science.....	AY		
2. Nonacademic Salaries.....	H	8 400	
<i>Total, Salaries</i>		(28 400)	
Wages.....	H	550	
<i>Total, Salaries and Wages</i>		(28 950)	
<i>Expense and Equipment</i>			
Architectural Expense.....		5 500	
Expense.....		1 580	
Equipment.....		100	
<i>Total, Expense and Equipment</i>		(7 180)	
<i>Total, Vice-President's Office</i>		\$ 36 130	

Health Service*Salaries and Wages*

1. F. C. Lendrum, Director.....	DY85	\$ 7 000
(See Department of Medicine).....	AY15	(1 200)
(Total Salary)		(8 200)
2. J. H. Filip, Associate Director.....	DY	6 750
3. Esle Hartman, Medical Adviser for Women.....	DY60	4 320
4. J. S. Handler, Psychiatric Consultant.....	DY75	4 500
(See Psychiatry)	DY25	(1 500)
(Total Salary)		(6 000)
5. _____, Assistant Physician.....	DY50	3 000
6. J. B. Teton, Gynecological Consultant.....	DY10	850
7. Nonacademic Salaries	H	8 709
<i>Total, Salaries</i>		(35 129)
<i>Wages</i>		1 415
<i>Total, Salaries and Wages</i>		(36 544)
<i>Expense and Equipment</i>		
<i>Expense</i>		1 620
<i>Equipment</i>		100
<i>Total, Expense and Equipment</i>		(1 720)
<i>Total, Health Service</i>		\$ 38 264

Business Office

(Under the direction of the Comptroller of the University)

Salaries and Wages

1. H. A. Hazleton, Business Manager of the Chicago Colleges and Divisions.....	DY	\$ 9 600
2. Nonacademic Salaries	H	130 580
<i>Total, Salaries</i>		(140 180)
<i>Wages</i>		4 220
<i>Total, Salaries and Wages</i>		(144 400)
<i>Expense and Equipment</i>		
<i>Expense</i>		20 000
<i>Expense (from United States Contracts Indirect Costs)</i>		(6 760)
<i>Expense (from Veterans Equipment Procurement)</i>		(1 000)
<i>Equipment</i>		2 000
<i>Total, Expense and Equipment</i>		(22 000)
<i>Total, Business Office</i>		\$166 400

Office of Admissions and Records

(Under the direction of the Director of Admissions and Records)

Salaries and Wages

1. G. R. Moon, Examiner and Recorder.....	DY	\$ 8 200
2. Nonacademic Salaries	H	17 964
<i>Total, Salaries</i>		(26 164)
<i>Wages</i>		315
<i>Total, Salaries and Wages</i>		(26 479)
<i>Expense and Equipment</i>		
<i>Expense</i>		2 500
<i>Total, Office of Admissions and Records</i>		\$ 28 979

Nonacademic Personnel

(Under the direction of the Director of Nonacademic Personnel)

Salaries and Wages

1. P. A. Hartley, Associate Director.....	DY	\$ 7 500
2. Nonacademic Salaries	H	23 313
<i>Total, Salaries</i>		(30 813)

Wages	500
<i>Total, Salaries and Wages</i>	(31 313)
<i>Expense and Equipment</i>	
General Departmental Expense.....	4 200
Equipment	250
<i>Total, Expense and Equipment</i>	(4 450)
<i>Total, Nonacademic Personnel</i>	\$ 35 763

Student Affairs

(Under the direction of the Dean of Students of the University)

<i>Salaries and Wages</i>		
1. M. J. Galbraith, Director of Student Affairs.....	DY	\$ 7 500
2. Nonacademic Salaries	H	5 220
<i>Total, Salaries and Wages</i>		(12 720)
<i>Expense and Equipment</i>		
Expense		1 500
Equipment		200
<i>Total, Expense and Equipment</i>		(1 700)
<i>Total, Student Affairs</i>		\$ 14 420

Division of Communications**Public Information** (Under the direction of the Director of Public Information)

<i>Salaries and Wages</i>		
1. C. L. Williston, Manager.....	DY	\$ 6 500
2. Nonacademic Salaries	H	5 700
<i>Total, Salaries</i>		(12 200)
Wages		775
<i>Total, Salaries and Wages</i>		(12 975)
<i>Expense and Equipment</i>		
Expense		4 300
Equipment		225
<i>Total, Expense and Equipment</i>		(4 525)
<i>Total, Public Information</i>		\$ 17 500

Incidental and Emergency

<i>Expense and Equipment</i>	
Expense	\$ 2 000
<i>Total, Incidental and Emergency</i>	\$ 2 000

Commencement

<i>Expense and Equipment</i>	
Expense	\$ 800
<i>Total, Commencement</i>	\$ 800

Research Exhibits

<i>Expense and Equipment</i>	
Expense	\$ 2 500
<i>Total, Research Exhibits</i>	\$ 2 500

Faculty-Alumni News Letter

<i>Expense and Equipment</i>	
Expense	\$ 2 500
<i>Total, Faculty-Alumni News Letter</i>	\$ 2 500

Disability Benefits

<i>Salaries and Wages</i>	
Wages for payments due to replacements of nonacademic personnel in extended disability leave.....	\$ 1 000
<i>Total, Disability Benefits</i>	\$ 1 000

COLLEGE OF MEDICINE

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$29 629	\$22 335	\$51 964
Postgraduate.....	24 760	12 800	37 560
Anatomy.....	81 187	11 000	92 187
Animal Hospital.....	22 083	1 500	23 583
Bacteriology.....	67 273	12 500	79 773
Biological Chemistry.....	73 070	8 000	81 070
Clinical Science.....	19 492	7 500	26 992
Criminology and Legal Medicine.....	1 230	100	1 330
Dermatology.....	38 947	2 750	41 697
Illustration Studios.....	35 480	2 500	37 980
Medicine.....	136 649	16 000	152 649
Neurology and Neurological Surgery.....	68 379	6 000	74 379
Obstetrics and Gynecology.....	28 816	8 500	37 316
Ophthalmology.....	50 840	6 800	57 640
Orthopaedic Surgery.....	40 705	11 300	52 005
Otolaryngology.....	77 793	11 000	88 793
Pathology.....	88 208	9 000	97 208
Pediatrics.....	62 115	6 000	68 115
Pharmacology.....	75 333	13 750	89 083
Physical Medicine and Rehabilitation:			
Physical Medicine.....	21 830	1 500	23 330
Occupational Therapy.....	42 125	2 000	44 125
Physiology.....	104 772	22 000	126 772
Preventive Medicine.....	28 000	1 500	29 500
Psychiatry.....	159 069	7 230	166 299
Public Health.....	17 475	575	18 050
Radiology.....	53 405	10 500	63 905
Rush-Presbyterian.....	25 925	28 124	54 049
Surgery.....	91 198	21 000	112 198
<i>Total, College of Medicine.....</i>	<i>\$1 565 788</i>	<i>\$263 764</i>	<i>\$1 829 552</i>

Expendable Gift and Endowment Funds

Instruction (Endowment Income):

Estimated new projects and renewals.....		\$ 9 000	\$ 9 000
Organized Research (Gifts):			
Estimated new projects and renewals.....	\$150 000	75 000	225 000
<i>Sub-total.....</i>	<i>(150 000)</i>	<i>(84 000)</i>	<i>(234 000)</i>

United States Government Contracts
and Indirect Costs Recovered

Organized Research:

Estimated new projects and renewals.....	250 000	100 000	350 000
<i>Total, Trust Funds.....</i>	<i>\$400 000</i>	<i>\$184 000</i>	<i>\$584 000</i>

Administration

Salaries and Wages

- S. W. Olson, Dean; Medical Director of the Research and Educational Hospitals and Illinois Eye and Ear Infirmary GY} \$ 15 000
 Professor of Medicine..... AY}
 (Two years from April 1, 1950)
- D. J. Davis, Dean and Professor of Pathology, *Emeritus*.
 (Retiring allowance payable by Retirement System)
- R. C. Berson, Assistant Dean and Assistant Professor of Medicine DY33 2 675
 (See Hospital Administration)..... DY67 (5 325)
 (Total Salary) (8 000)
 (On leave without pay 1950-1951)

4. G. A. Vance, Administrative Assistant to Medical Director, Research and Educational Hospitals		
(From Item 3)	DY38	(2 300)
(See Medicine)	DY12	(700)
(Total Salary)		(3 000)
5. Nonacademic Salaries	H	10 704
<i>Total, Salaries</i>		(28 379)
Wages		1 250
<i>Total, Salaries and Wages</i>		(29 629)
<i>Expense and Equipment</i>		
Expense, General		12 000
Military Expense		250
Undergraduate Lectures		7 085
Contingent		3 000
<i>Total, Expense and Equipment</i>		(22 335)
<i>Total, Administration</i>		\$ 51 964

Postgraduate

<i>Salaries and Wages</i>		
1. George Milles, Coordinator of Basic Science.....	DY30	\$ 3 100
(See Pathology)	A30	(2 000)
(Total Salary)		(5 100)
2. A. A. Zimmermann, Lecturer.....	DY	200
(See Anatomy)	A }	(8 550)
(Total Salary)		(8 750)
3. Honorariums for Special Teaching.....		14 800 ¹
4. Nonacademic Salaries	H	5 860
<i>Total, Salaries</i>		(23 960)
Wages		800
<i>Total, Salaries and Wages</i>		(24 760)
<i>Expense and Equipment</i>		
Expense		3 000
Equipment		300
Unassigned		9 500 ²
<i>Total, Expense and Equipment</i>		(12 800)
<i>Total, Postgraduate</i>		\$ 37 560

Anatomy

<i>Salaries and Wages</i>		
1. O. F. Kampmeier, Professor and Head of Department...	AY	\$ 10 300
2. A. A. Zimmermann, Professor.....	A }	8 550
(See Postgraduate)	DY }	(200)
(Total Salary)		(8 750)
3. Gerhardt von Bonin, Professor.....	A	8 350
4. A. R. Cooper, Professor.....	A75	6 200
5. P. H. Simer, Professor.....	A	7 450
6. R. H. Krehbiel, Associate Professor.....	A	6 200
7. Yngve Joranson, Associate Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
8. G. L. Zechel, Associate Professor, assigned to Surgery part-time without salary.....	A33	3 000
9. J. C. Plagge, Associate Professor.....	A	6 000
10. W. J. Furuta, Assistant Professor.....	B	5 300
11. _____, Instructor	D40	1 500
(See Special Graduate Fund).....	D60	(2 500)
(Total Salary)		(4 000)

¹ To be assigned to departments upon approval of the Dean of the College of Medicine and the Vice-President of the Professional Colleges for payment of honorariums to part-time staff members and others for extra teaching.

² To be assigned to departments upon approval of the Dean of the College of Medicine and the Vice-President of the Professional Colleges to cover expenses and equipment needed in connection with postgraduate courses given.

12. G. D. Kaiser, Assistant Professor.....	DY15	735
(See Surgery)	DY65	(3 185)
(Total Salary)		(3 920)
13. _____, Instructor	DI2	400
14. L. S. Shalla, Instructor.....	DI2	400
15. Adeline R. White, Assistant, <i>Emerita</i> (From Retiring Allowances)		(213)
16. Nonacademic Salaries	H	13 472
<i>Total, Salaries</i>		(77 857)
Wages		3 330
<i>Total, Salaries and Wages</i>		(81 187)
<i>Expense and Equipment</i>		
Expense		9 000
Equipment		2 000
<i>Total, Expense and Equipment</i>		(11 000)
<i>Total, Anatomy</i>		\$ 92 187

Animal Hospital

<i>Salaries and Wages</i>		
1. Elihu Bond, Administrator.....	DY	\$ 5 000
2. Nonacademic Salaries	H	16 688
<i>Total, Salaries</i>		(21 688)
Wages		395
<i>Total, Salaries and Wages</i>		(22 083)
<i>Expense and Equipment</i>		
Expense		1 500
<i>Total, Animal Hospital</i>		\$ 23 583

Bacteriology

<i>Salaries and Wages</i>		
1. M. V. Novak, Professor and Head of Department; Bacteriologist-in-Chief, Research and Educational Hospitals (See Graduate College).....	AYor DY9	\$ 10 000 (1 000)
(Total Salary)		(11 000)
2. J. E. Kempf, Associate Professor.....	A	6 500
3. Joaquin Munoz, Assistant Professor.....	B	5 000
4. Esther Meyer, Assistant Professor.....	B'	4 600
5. E. L. Becker, Assistant Professor.....	D75	4 500
(From Asthmatic Childrens Aid Fund).....	D25	(1 500)
(Total Salary)		(6 000)
6. E. E. Vicher, Assistant Professor.....	D50	2 000
7. W. I. Taylor, Instructor.....	D	4 300
8. R. J. Hanson, Assistant.....	E	3 000
9. A. V. Board, Assistant.....	E	2 400
10. 2.75 Part-time Assistants.....	E	7 093
11. Nonacademic Salaries	H	17 080
<i>Total, Salaries</i>		(66 473)
Wages		800
<i>Total, Salaries and Wages</i>		(67 273)
<i>Expense and Equipment</i>		
General Expense		8 500
Allergy Unit Expense.....		4 000
<i>Total, Expense and Equipment</i>		(12 500)
<i>Total, Bacteriology</i>		\$ 79 773

Biological Chemistry

<i>Salaries and Wages</i>		
1. O. A. Bessey, Professor and Head of Department.....	AY	\$ 10 600
2. W. H. Welker, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. Olaf Bergeim, Professor.....	A	7 000
4. S. B. Binkley, Associate Professor.....	A	7 500

5. C. A. Johnson, Assistant Professor.....	D	4 950
6. _____, Assistant Professor.....	D	4 850
7. _____, Assistant Professor.....	D	4 500
8. _____, Instructor.....	D	4 000
9. Alice L. Riedinger, Research Associate.....	DY	4 300
10. Ruth H. Love, Research Assistant.....	DY	3 200
11. 3.00 Part-time Assistants.....	E	7 300
12. Nonacademic Salaries.....	H	11 870
<i>Total, Salaries</i>		(70 070)
Wages.....		3 000
<i>Total, Salaries and Wages</i>		(73 070)
<i>Expense and Equipment</i>		
Expense.....		8 000
<i>Total, Biological Chemistry</i>		\$ 81 070

Clinical Science*Salaries and Wages*

1. A. C. Ivy, Distinguished Professor of Physiology and Head of Department.....	AY	.....
(Salary under Vice-President's Office)		
2. M. I. Grossman, Associate Professor.....	AY	\$ 7 000
3. D. F. Magee, Research Associate.....	DY	3 600
4. R. K. S. Lim, Visiting Research Professor.....	DY33	1 260
(From National Institute of Health RG 1614-C).....		(1 908)
(Total Salary).....		(3 168)
5. Nonacademic Salaries.....	H	7 632
<i>Total, Salaries</i>		(19 492)

Expense and Equipment

Expense.....		7 500
<i>Total, Clinical Science</i>		\$26 992

Cooperative Investigations*Salaries and Wages*

DIVIDED POSITIONS

1. Dorothy Nelson, Research Associate.....	GY	\$ 3 600
(July 1, 1950, to June 30, 1951)		
(67% National Institute of Health H-187; 33% National Cancer Institute C-758 (C))		

Criminology and Legal Medicine*Salaries and Wages*

1. Sophie S. Sloman, Assistant Professor.....	DY10	\$ 930
(From Department of Public Welfare).....	DY67	(8 812)
(Total Salary).....		(9 742)
<i>Total, Salaries</i>		(930)

Wages.....		300
<i>Total, Salaries and Wages</i>		(1 230)

Expense and Equipment

Expense.....		100
<i>Total, Criminology and Legal Medicine</i>		\$ 1 330

Dermatology*Salaries and Wages*

1. F. E. Senear, Professor of Dermatology and Head of Department.....	AY50	\$ 6 150
2. Theodore Cornbleet, Clinical Professor.....	AY33	2 450
3. Adolph Rostenberg, Jr., Associate Professor.....	AY	9 900
4. M. J. Brunner, Assistant Professor.....	DY	5 850
5. Harold Shellow, Clinical Assistant Professor.....	DY13	700
6. P. K. Weichselbaum, Clinical Assistant Professor.....	DY20	975
7. Henry Schorr, Clinical Associate.....	DY20	850
8. Louise E. Tavs, Clinical Associate.....	DY20	770

9. J. B. Haeberlin, Jr., Clinical Instructor.....	DY20	750
10. Frederick Szymanski, Clinical Instructor.....	DY20	750
11. Prudence P. Tolomeo, Research Assistant.....	DY	2 930
12. Nonacademic Salaries	H	6 172
<i>Total, Salaries</i>		(38 247)
Wages		700
<i>Total, Salaries and Wages</i>		(38 947)
<i>Expense and Equipment</i>		
Expense		2 750
<i>Total, Dermatology</i>		\$ 41 697

Illustration Studios*Salaries and Wages*

1. T. S. Jones, Professor of Medical and Dental Illustration and Head of Department.....	A	\$ 10 200
2. Ruth B. Coleman, Assistant Professor of Medical Illustration	D	4 682
3. A. Hooker Goodwin, Instructor in Medical Illustration...	D	3 700
4. Nonacademic Salaries	H	13 970
<i>Total, Salaries</i>		(32 552)
Wages		2 928
<i>Total, Salaries and Wages</i>		(35 480)
<i>Expense and Equipment</i>		
Expense		2 500
<i>Total, Illustration Studios</i>		\$ 37 980

Medicine*Salaries and Wages*

1. R. W. Keeton, Professor and Head of Department.....	AY75	\$ 9 800
2. S. W. Olson, Professor.....		.....
(Salary under Administration)		
3. E. S. Moore, Professor, <i>Emeritus</i> (From Retiring Allowances)		(1 762)
4. E. F. Foley, Professor.....	AY50	3 750
5. Victor Guillemin, Jr., Professor of Biophysics.....		.....
(Salary under Aeromedical and Physical Environment Laboratory)		
6. Robert M. Kark, Professor.....	AY	10 000
(Effective July 1, 1950)		
7. Mrs. Carroll L. Birch, Professor.....	AY	7 300
8. F. K. Hick, Professor.....	AY50	3 650
9. F. C. Lendrum, Associate Professor.....	AY15	1 200
(See Health Service)	DY85	(7 000)
(Total Salary)		(8 200)
10. A. B. Kendrick, Associate Professor.....	AY	6 110
11. L. R. Limarzi, Associate Professor.....	AY75	5 000
12. M. H. Streicher, Associate Professor.....	AY45	2 750
13. Frederick Steigmann, Associate Professor.....	AY25	1 600
14. Max Samter, Assistant Professor.....	DY77	5 400
(From Asthmatic Children's Aid)	DY23	(1 600)
(Total Salary)		(7 000)
15. Nathaniel Glickman, Assistant Professor and Research Physiologist	DY	6 100
16. M. M. Montgomery, Assistant Professor.....	DY50	3 200
17. J. T. Paul, Assistant Professor.....	DY40	2 000
18. Herman A. Levy, Assistant Professor.....	DY15	900
19. N. O. Calloway, Clinical Assistant Professor.....	DY16	625
20. R. L. Grissom, Assistant Professor.....	DY50	3 000
(From Markle Foundation)	DY50	(3 000)
(Total Salary)		(6 000)
21. E. J. Ranke, Clinical Associate.....	DY50	1 850
22. P. L. Bedinger, Clinical Associate.....	DY20	850
23. W. P. Swisher, Clinical Associate.....	DY20	850

24. D. D. Darling, Clinical Associate.....	DY13	475
25. Moses Goldwasser, Associate and Consultant to Eye and Ear Infirmary	DY33	1 975
26. Josephine M. Dyniewicz, Instructor and Research Chemist	DY	4 000
27. Elva H. Hiscock, Instructor in Nutrition.....	DY	3 750 ¹
28. B. Anastopoulos, Instructor in Parasitology.....	DY	4 200
29. I. R. Callen, Instructor.....	DY50	3 200
30. S. H. Gumbiner, Instructor.....	DY50	2 500
31. G. J. Brebis, Instructor.....	DY25	925
32. F. R. Gondek, Instructor.....	DY50	2 400
33. G. A. Vance, Instructor.....	DY12	700
(See Administration)	DY38	(2 300)
(Total Salary)		(3 000)
34. Tohru Inouye, Research Assistant.....	DY	4 300
35. Mrs. Martha Kofoed, Research Assistant.....	DY	2 930
36. Lois B. Come, Research Assistant.....	DY	2 930
37. .80 Part-time Assistants.....	DY	2 425
38. Nonacademic Salaries	H	19 893
<i>Total, Salaries</i>		(132 538)
Wages		4 111
<i>Total, Salaries and Wages</i>		(136 649)
<i>Expense and Equipment</i>		
Expense		13 500
Equipment		2 500
<i>Total, Expense and Equipment</i>		(16 000)
<i>Total, Medicine</i>		\$152 649

Cooperative Investigations

Salaries and Wages

UNITED STATES PUBLIC HEALTH SERVICE CT630

1. S. G. Taylor, Assistant Professor..... GY50 \$ 3 000
(March 12, 1950, to March 31, 1951)

AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS

2. Jean C. Shaw, Research Assistant..... DY 2 700

LEDERLE COMPANY: AUREOMYCIN

3. Robert F. Kniering, Research Assistant..... GY 2 850
(December 12, 1949, to December 11, 1950)

Neurology and Neurological Surgery

Salaries and Wages

1. Eric Oldberg, Professor and Head of Department..... AY75 \$ 9 500
2. Percival Bailey, Distinguished Professor..... AY 16 500
3. G. B. Hassin, Professor, *Emeritus* (From Retiring Allowances) | (1 435) || 4. R. P. Mackay, Professor of Neurology..... | AY33 | 2 450 |
| 5. P. C. Bucy, Professor..... | AY25 | 1 850 |
| 6. I. B. Diamond, Assistant Professor, *Emeritus* (From Retiring Allowances) | | (472) |
| 7. ———, Assistant Professor of Neurological Surgery | DY50 | 2 800 |
| 8. Oscar Sugar, Assistant Professor of Neurological Surgery | DY80 | 4 800 |
| 9. Ernst Haase, Consultant to Eye and Ear Infirmary..... | DY20 | 1 500 |
| (From Consultation Clinic for Epilepsy)..... | DY20 | (1 500) |
| (Total Salary) | | (3 000) |
| 10. .20 Part-time Assistants..... | DY | 1 100 |
| 11. Nonacademic Salaries | H | 24 504 |
| *Total, Salaries* | | (65 004) |
| Wages | | 3 375 |
| *Total, Salaries and Wages*..... | | (68 379) |

¹ Also furnished one meal a day while on duty, valued at \$96 a year, for the convenience of the employee.

Expense and Equipment

Expense	6 000
<i>Total, Neurology and Neurological Surgery</i>	\$ 74 379

Salaries and Wages **Obstetrics and Gynecology**

1. F. H. Falls, Professor and Head of Department.....	AY75	\$ 9 750
2. W. H. Browne, Clinical Associate Professor.....	AY15	900
3. V. C. Freda, Clinical Assistant Professor.....	DY20	1 000
4. J. P. FitzGibbons, Instructor.....	DY25	1 000
5. C. D. Krause, Instructor.....	DY25	1 000
6. A. J. Mauzey, Instructor.....	DY25	1 000
7. D. M. Farley, Instructor.....	DY	4 000
8. J. W. Payne, Instructor.....	DY	4 000
9. 60 Part-time Assistants.....	DY	1 700
10. Nonacademic Salaries	H	3 780
<i>Total, Salaries</i>		(28 130)
Wages		686
<i>Total, Salaries and Wages</i>		(28 816)

Expense and Equipment

Expense	8 500
<i>Total, Obstetrics and Gynecology</i>	\$ 37 316

Cooperative Investigations*Salaries and Wages*

UNITED STATES PUBLIC HEALTH SERVICE CT630

1. R. V. Lobraico, Jr., Instructor.....	GY75	\$ 3 000
(March 12, 1950, to March 31, 1951)		

*Salaries and Wages***Ophthalmology**

1. W. F. Hughes, Jr., Professor and Head of Department; Ophthalmologist-in-Chief, Illinois Eye and Ear In- firmery	AY90	\$ 10 000
2. P. C. Kronfeld, Professor.....	AY75	7 500
3. Hallard Beard, Professor.....	AY40	3 200
4. J. S. Haas, Assistant Professor.....	DY50	3 200
5. Maurice Pearlman, Assistant Professor.....	DY85	5 200
6. M. L. Stillerman, Assistant Professor.....	DY50	3 000
7. M. C. Benford, Instructor.....		.....
(Salary under Hospital Clinics)		
8. A. C. Biegel, Instructor.....	DY42	2 400
(See United States Public Health Service 1030) (To December 31, 1950 only).....		
	GY43	(2 400)
(Total Salary)		
		(4 800)
9. W. H. Middleton, Instructor.....	DY85	4 800
10. E. A. Panter, Clinical Teaching Assistant.....	DY	1 800
11. Nonacademic Salaries	H	8 240
<i>Total, Salaries</i>		(49 340)
Wages		1 500
<i>Total, Salaries and Wages</i>		(50 840)

Expense and Equipment

Expense	6 800
<i>Total, Ophthalmology</i>	\$ 57 640

Salaries and Wages **Orthopaedic Surgery**

1. F. A. Chandler, Professor and Head of Department; Di- rector of the Illinois Surgical Institute.....	AY50	\$ 6 450
(See Research and Educational Hospitals)		
2. H. B. Thomas, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. F. W. Hark, Associate Professor.....	AY25	1 800

4. C. N. Lambert, Associate Professor.....	AY25	I 550
5. J. J. Fahey, Associate Professor.....	AY25	I 550
(On leave without pay until further notice)		
6. T. A. Fox, Instructor.....	DY45	I 680
7. C. V. Heck, Instructor.....	DY40	I 464
8. 1.00 Part-time Assistants.....	DY	I 500
9. Nonacademic Salaries	H	19 836
<i>Total, Salaries</i>		(35 830)
Wages		4 875
<i>Total, Salaries and Wages</i>		(40 705)
<i>Expense and Equipment</i>		
Expense		II 300
<i>Total, Orthopaedic Surgery</i>		\$ 52 005

Otolaryngology*Salaries and Wages*

1. F. L. Lederer, Professor and Head of the Department; Otolaryngologist-in-Chief, Illinois Eye and Ear In- firmery	AY80	\$ 9 950
2. Herbert Koepf-Baker, Professor of Clinical Speech Pa- thology and Director of Speech and Hearing Re- habilitation	AY25	2 800
(See Division of Services for Crippled Children)....	DY75	(7 500)
(Total Salary)		(10 300)
3. P. H. Holinger, Professor of Bronchocophagology.....	AY50	3 650
4. Jean L. Utley, Assistant Professor of Audiology and As- sociate Director of Speech and Hearing Clinic.....	DY	6 000
5. _____, Associate Professor.....	DY40	2 750
6. M. F. Snitman, Associate Professor.....	AY50	3 200
7. Marvin Tamari, Associate Professor.....	AY50	3 050
8. L. Jane Irvine, Instructor in Audiology.....	DY	4 400
9. Catherine L. Fogle, Instructor in Auditory Training....	DY	4 400
10. Evelyn Dyer, Instructor in Clinical Speech.....	DY50	1 900
(See Division of Services for Crippled Children)....	DY50	(1 800)
(Total Salary)		(3 700)
11. _____, Instructor in Clinical Speech.....	DY50	2 200
12. Emanuel Skolnik, Assistant.....	DY	2 930
13. R. E. Marcus, Instructor.....	DY	3 450
14. I. D. Horwitz, Clinical Teaching Assistant.....	DY	2 320
15. .50 Part-time Clinical Teaching Assistants.....	DY	1 300
16. Nonacademic Salaries	H	22 893
<i>Total, Salaries</i>		(77 193)
Wages		600
<i>Total, Salaries and Wages</i>		(77 793)
<i>Expense and Equipment</i>		
Expense		II 000
<i>Total, Otolaryngology</i>		\$ 88 793

Cooperative Investigations*Salaries and Wages*

UNITED STATES PUBLIC HEALTH SERVICE CT630

1. J. G. Schoolman, Assistant Professor.....	GY50	\$ 3 000
(September 1, 1950, to March 31, 1951, at annual rate of \$3,000)		

Pathology*Salaries and Wages*

1. G. A. Bennett, Professor and Head of Department; Pa- thologist-in-Chief, Research and Educational Hos- pitals	AY	\$ 14 500
2. D. J. Davis, Dean and Professor of Pathology, <i>Emeritus</i> (Retiring allowance payable by Retirement System)		.....
3. W. F. Petersen, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		

4. C. A. Krakower, Professor and Associate Pathologist, Research and Educational Hospitals.....	AY	11 350
5. S. A. Levinson, Professor of Pathology..... (Salary under Hospital Laboratory)		.....
6. Maurice Lev, Associate Professor and Associate Pathologist, Research and Educational Hospitals.....	AY	9 200
7. A. J. Nedzel, Associate Professor.....	A	6 400
8. George Milles, Associate Professor..... (See Postgraduate)	A30 DY30	2 000 (3 100)
(Total Salary)		(5 100)
9. H. R. Catchpole, Assistant Professor.....	D	6 350
10. E. W. Cauldwell, Assistant Professor.....	DY	6 000
11. Elizabeth A. McGrew, Assistant Professor..... (See Research and Educational Hospitals, Pathology)	DY20 DY80	1 200 (4 800)
(Total Salary)		(6 000)
12. R. P. MacFate, Assistant Professor..... (See Research and Educational Hospitals Laboratory)	DY20 DY70	1 300 (4 550)
(Total Salary)		(5 850)
13. J. B. Fuller, Instructor..... (From United States Public Health Service C-854) ..	G10 ¹ GY90 ²	408 (3 600)
(Total Salary)		(4 008)
14. S. A. Greenspoon, Instructor in Clinical Pathology.....	DY	4 080
15. 20 Part-time Assistants.....	E	560
16. Nonacademic Salaries	H	21 660
Total, Salaries		(85 008)
Wages		3 200
Total, Salaries and Wages.....		(88 208)
Expense and Equipment		
Expense		9 000
Total, Pathology		\$ 97 208

Cooperative Investigations

Salaries and Wages

UNITED STATES PUBLIC HEALTH SERVICE CT630

1. E. A. Dreskin, Instructor..... (April 1, 1950, through March 31, 1951)	GY75	\$ 3 000
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Pediatrics

Salaries and Wages

1. H. G. Poncher, Professor and Head of Department.....	AY	\$ 15 000
2. J. H. Hess, Professor, <i>Emeritus</i> (Without retiring allowance) .....		.....
3. J. B. Richmond, Professor..... (From Markle Foundation)	AY88 DY12	7 450 (1 000)
(Total Salary)		(8 450)
4. I. P. Bronstein, Associate Professor.....	AY50	3 500
5. Ralph Spaeth, Assistant Professor.....	DY50	2 450
6. H. A. Waisman, Assistant Professor.....	DY	6 000
7. W. F. Murphy, Jr., Instructor.....	DY	3 660
8. Morris Green, Instructor.....	DY	4 000
9. Sterling Garrard, Instructor.....	DY	3 660
10. Kenneth Nolan, Instructor.....	DY	3 660
11. P. F. Wehrle, Instructor.....	DY50	1 830
12. E. F. Lis, Instructor.....	DY50	1 830
13. Research Assistant.....	DY	3 600
14. Nonacademic Salaries	H	3 675
Total, Salaries		(60 315)
Wages		1 800
Total, Salaries and Wages.....		(62 115)

¹ July 1, 1950, to August 31, 1951, at \$408 a year.

² July 1, 1950, to June 30, 1951.

Expense and Equipment

Expense	6 000
<i>Total, Pediatrics</i>	\$ 68 115

Cooperative Investigations*Salaries and Wages*

JOHN AND MARY MARKLE FOUNDATION 50-42-03

1. Bernice Balin, Research Assistant..... DY \$ 3 000

UNITED STATES PUBLIC HEALTH SERVICE C-875-C (55-48-06)

2. Marcia M. Madison, Research Assistant..... DY 3 000

Pharmacology*Salaries and Wages*

1. C. C. Pfeiffer, Professor and Head of Department..... AY \$ 10 600

2. H. A. McGuigan, Professor, *Emeritus*.....
(Retiring allowance payable by Retirement System).....

3. K. R. W. Unna, Professor..... A 7 500

4. J. A. Bain, Assistant Professor..... D 6 800

5. T. R. Sherrod, Assistant Professor..... D67 3 225

6. Elizabeth H. Jenney, Research Associate..... DY50 2 160

(See Bristol Penicillin Trust)..... DY50 (2 160)

(Total Salary) (4 320)

7. 3.30 Part-time Assistants..... DY 9 000

TOXICOLOGY DIVISION

8. W. J. R. Camp, Professor of Pharmacology and Toxicology, and State Toxicologist..... AY 8 800

9. V. A. Gant, Assistant Professor of Toxicology..... BY' 7 100

10. 1.00 Part-time Research Assistants..... DY 3 600

11. Nonacademic Salaries H 14 248

Total, Salaries (73 033)

Wages 2 300

Total, Salaries and Wages (75 333)*Expense and Equipment*

Expense, Pharmacology 12 750

Expense, Toxicology 1 000

Total, Expense and Equipment 13 750*Total, Pharmacology* \$ 89 083**Pharmacology Toxicology Revolving (Entire budget from receipts)***Salaries and Wages*

Wages \$ 1 200

Expense and Equipment

Expense 5 300

Equipment 1 500

Total, Expense and Equipment (6 800)*Total, Pharmacology Toxicology Revolving* \$ 8 000**Physical Medicine and Rehabilitation****Physical Medicine Section***Salaries and Wages*

1. H. W. Kendall, Professor and Head of Department; Chief of Physical Medicine and Rehabilitation, Research and Educational Hospitals..... AY75 \$ 8 000

2. A. A. Rodriguez, Assistant Professor; Assistant Chief of Physical Medicine and Rehabilitation, Research and Educational Hospitals..... DY 5 400

(From Pope Foundation) (500)

(Total Salary) (5 900)

3. ———— Instructor DY 4 500

4. Nonacademic Salaries H 3 780

Total, Salaries (21 680)

Wages	150
<i>Total, Salaries and Wages</i>	(21 830)
<i>Expense and Equipment</i>	
Expense	1 500
<i>Total, Physical Medicine Section</i>	\$ 23 330

Occupational Therapy Section*Salaries and Wages*

1. Beatrice D. Wade, Associate Professor.....	AY	\$ 6 250
Director of Occupational Therapy, Research and Educational Hospitals.....	DY	
2. Florence M. MacLean, Assistant Professor; Clinical Director of Occupational Therapy, Research and Educational Hospitals.....	DY	4 900
3. Alice M. Clement, Instructor.....	DY	4 125
4. Angeline M. Howard, Instructor.....	DY	3 950
5. Sarah L. Gephardt, Instructor.....	DY	3 950
6. Mrs. Marie R. Adams, Instructor.....	DY	3 850
7. Blanche M. Popelka, Assistant.....	DY	3 400
8. Grace W. DeTamble, Assistant.....	DY	3 450
9. Mable A. Valdez, Assistant.....	DY	3 400
10. .50 Part-time Assistants (Urbana).....	DY ⁵⁰	1 400
11. Nonacademic Salaries	H	2 700
<i>Total, Salaries</i>		(41 375)
Wages		750
<i>Total, Salaries and Wages</i>		(42 125)
<i>Expense and Equipment</i>		
Expense		2 000
<i>Total, Occupational Therapy Section</i>		\$ 44 125

Cooperative Investigations*Salaries and Wages*

DIVIDED POSITIONS

1. Gregory Bard, Instructor.....	DY	\$ 4 800
(United States Public Health Service H-426, \$1,800; Baruch Commission on Physical Medicine, \$3,000)		

Physiology*Salaries and Wages*

1. G. E. Wakerlin, Professor and Head of Department.....	AY	\$ 10 600
2. Albert Bachem, Professor of Biophysics.....	A	6 900
3. C. I. Reed, Professor.....	A	7 600
4. J. P. Marbarger, Associate Professor.....		.....
(Salary under Aeromedical and Physical Environment Laboratory)		
5. R. C. Ingraham, Associate Professor.....	A	6 500
6. W. V. Whitehorn, Associate Professor.....	A	7 600
7. A. A. Schiller, Assistant Professor.....	B'	6 200
8. Elizabeth Painter-Marcus, Assistant Professor.....	B'	6 200
9. W. G. Moss, Assistant Professor.....	D	6 000
10. E. A. Ohler, Instructor.....	D	4 500
11. D. E. Philpott, Research Associate.....	DY	3 600
12. 3.75 Part-time Assistants.....	D	10 800
13. Nonacademic Salaries	H	24 772
<i>Total, Salaries</i>		(101 272)
Wages		3 500
<i>Total, Salaries and Wages</i>		(104 772)
<i>Expense and Equipment</i>		
Expense		20 000
Electron Microscope		2 000
<i>Total, Expense and Equipment</i>		(22 000)
<i>Total, Physiology</i>		\$126 772

Cooperative Investigations*Salaries and Wages*

AMERICAN HEART ASSOCIATION

1. Bess G. Osgood, Research Associate.....	DY46	\$ 2 500
(See Special Graduate Fund).....	DY54	(3 000)
(Total Salary)		(5 500)

Preventive Medicine*Salaries and Wages*

1. H. T. Dowling, Professor and Head of Department.....	AY	\$ 12 000
2. M. H. Lepper, Associate Professor.....	DY	7 500
3. _____, Assistant Professor (From Kellogg Foundation)	DY	(6 500)
4. _____, Assistant	E	2 400
5. Nonacademic Salaries	H	5 100
Total, Salaries		(27 000)
Wages		1 000
Total, Salaries and Wages.....		(28 000)

Expense and Equipment

Expense		1 500
Total, Preventive Medicine.....		\$ 29 500

Psychiatry*Salaries and Wages*

1. F. J. Gerty, Professor and Head of Department.....	AY50	\$ 6 150
2. Franz Alexander, Clinical Professor.....	AY25	2 875
3. W. S. McCulloch, Professor and Neurophysiologist.....	AY	9 500
4. David Shakow, Professor of Psychology.....	AY	9 500
5. L. J. Meduna, Professor.....	AY	7 350
6. H. T. Carmichael, Professor.....	AY50	4 750
7. D. M. Olkon, Clinical Associate Professor, <i>Emeritus</i> (Retiring allowance payable by Retirement System) .....		.....
8. F. A. Gibbs, Associate Professor and Electroencephalog- rapher	AY90	6 000
9. A. A. Low, Clinical Associate Professor.....	AY33	2 030
10. Mrs. Beulah C. Bosselman, Associate Professor.....	AY33	2 400
11. S. N. Stein, Assistant Professor and Research Physiologist	DY	6 900
12. Mrs. Irene C. Sherman, Assistant Professor.....	DY25	1 300
13. L. W. Earley, Assistant Professor.....	DY	7 500
14. Lester MacLean, Assistant Professor.....	DY50	3 000
15. P. E. Nielson, Assistant Professor.....	DY	5 400
16. J. S. Handler, Assistant Professor.....	DY25	1 500
(See Health Service).....	DY75	(4 500)
(Total Salary)		(6 000)
17. Mrs. Virginia Tarlow, Instructor.....	DY80	3 150
18. C. W. Goodwin, Instructor and Physicist.....	DY	4 500
19. Marianne L. Simmel, Instructor and Clinical Psychologist	DY	5 000
20. G. T. Stanton, Research Assistant, assigned to Loyola University	DY	2 930
21. Mrs. Erna L. Gibbs, Research Assistant.....	DY	3 600
22. Nonacademic Salaries	H	57 534
Total, Salaries		(152 869)
Wages		6 200
Total, Salaries and Wages.....		(159 069)
Expense and Equipment		
Expense		7 230
Total, Psychiatry		\$166 299

Cooperative Investigations*Salaries and Wages*

UNITED STATES PUBLIC HEALTH SERVICE 269.2B

1. A. K. Rosenwald, Assistant Professor.....	DY	\$ 6 000
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ROCKEFELLER EPILEPSY FUNDS

2. Elizabeth Stone, Electroencephalographer.....	DY	3 000
3. Marilyn M. Fleming, Assistant and Electroencephalographer	DY16	480
(From Department of Public Welfare).....	DY84	(2 520)
(Total Salary)		(3 000)

CONSULTATION CLINIC FOR EPILEPSY JUNIOR LEAGUE FUNDS

4. George L. Mowery, Assistant and Electroencephalographer	DY	3 500
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DIVIDED POSITION

5. F. W. Stamps, Research Associate.....	DY	10 000
(50% Consultation Clinic for Epilepsy Division of Rehabilitation; 50% Consultation Clinic for Epilepsy Division of Services for Crippled Children)		

UNITED STATES PUBLIC HEALTH SERVICE M.H 148C

6. ———, Research Associate.....	DY	4 992
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UNITED STATES PUBLIC HEALTH SERVICE 422

7. P. C. Dell, Research Associate.....	DY	5 000
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UNITED STATES PUBLIC HEALTH SERVICE M.H.R./56

8. ———, Electroencephalographer	DY	2 800
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NAVY TASK ORDER No. 25

9. Walter Pitts, Research Associate.....	DY	5 000
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NAVY TASK ORDER No. 2

10. Ralph Sonnenschein, Research Assistant.....	DY	4 000
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PSYCHIATRIC DISORDERS OF CHILDREN

11. Elsie Haug, Instructor.....	DY25	1 500
12. Edith M. Malda, Assistant in Occupational Therapy.....	DY	3 300

Public Health

Salaries and Wages

1. H. J. Shaughnessy, Professor and Head of Department..	AY80	\$ 10 400
(From State Department of Public Health).....	DY20	(2 600)
(Total Salary)		(13 000)
2. ———, Associate Professor.....	AY30	2 000
3. ———, Associate Professor.....	AY30	2 000
4. Nonacademic Salaries	H	2 700
Total, Salaries		(17 100)

Wages

.....		375
Total, Salaries and Wages.....		(17 475)

Expense and Equipment

Expense		575
Total, Public Health.....		\$ 18 050

Radiology

Salaries and Wages

1. R. A. Harvey, Professor and Head of Department.....	AY	\$ 14 500
Radiologist-in-Chief, Research and Educational Hospitals	DY	
2. T. J. Wachowski, Clinical Professor and Associate Radiologist	AY25	2 050
3. A. S. J. Petersen, Assistant Professor and Assistant Radiologist	BY50	3 850
4. D. P. Slaughter, Assistant Professor of Surgery; Director of Outpatient Tumor Clinic, Research and Educational Hospitals.....	DY25	1 275
(See Surgery).....	DY50	(3 000)
(Total Salary).....		(4 275)
5. Abraham Grossman, Assistant Professor and Assistant Radiologist	DY50	3 800
6. J. S. Laughlin, Assistant Professor and Radiation Physicist	DY	8 000

RADIOLOGY BETATRON

7. L. L. Haas, Assistant Professor.....	DY	6 000
8. J. E. Lindsay, Jr., Assistant in Radiology.....	DY	3 600
9. Nonacademic Salaries.....	H	7 140
<i>Total, Salaries</i>		(50 215)
Wages		3 190
<i>Total, Salaries and Wages</i>		(53 405)
<i>Expense and Equipment</i>		
Expense, Radiology.....		1 000
Expense, Radiology Betatron.....		3 500
Equipment, Radiology Betatron.....		6 000
<i>Total, Expense and Equipment</i>		(10 500)
<i>Total, Radiology</i>		\$ 63 905

Salaries and Wages

Rush-Presbyterian

PATHOLOGY

1. C. B. Taylor, Assistant Professor (Rush).....	DY83	\$ 5 000
2. A. W. Schweitzer, Instructor.....	DY25	1 000

BACTERIOLOGY

3. .33 Part-time Assistants (Rush).....	DY	1 200
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BIOLOGICAL CHEMISTRY

4. R. G. Gould, Jr., Associate Professor.....	A	6 950
5. G. S. Stewart, Assistant Professor.....	DY50	2 675

LIBRARY

6. Caroline Reichers, Chief Librarian, with rank of Instructor	DY33	1 300
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RADIOLOGY

7. F. H. Squire, Clinical Professor (Rush).....	A33	2 400
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PEDIATRICS

8. H. N. Sanford, Clinical Professor (Rush).....	A12	1 200
9. .75 Part-time Assistants.....	D	1 800

ANESTHESIA

10. C. D. Anderson, Associate Professor.....	DY33	2 400
<i>Total, Salaries</i>		(25 925)

Expense and Equipment

Expense		28 124
<i>Total, Rush-Presbyterian</i>		\$ 54 049

Salaries and Wages

Surgery

1. W. H. Cole, Professor and Head of Department; Sur- geon-in-Chief, Research and Educational Hospitals	AY	\$17 000
2. C. H. Phifer, Clinical Professor, <i>Emeritus</i> (Retiring allowance payable by Retirement System)		.....
3. M. S. Sadove, Associate Professor and Head of Anesthesia	AY90	11 100
4. C. B. Puestow, Clinical Professor.....	AY25	2 875
5. R. D. Herrold, Clinical Associate Professor.....	AY20	2 000
6. Willard Van Hazel, Clinical Associate Professor.....	AY33	2 300
7. Géza de Takats, Clinical Associate Professor.....	AY33	2 300
8. C. W. Vermeulen, Associate Professor.....	AY60	4 600
9. J. H. Kiefer, Associate Professor.....	AY50	3 120
10. D. P. Slaughter, Assistant Professor and Director of the Out-Patient Tumor Clinic, Research and Educa- tional Hospitals.....	DY50	3 000
(See Radiology).....	DY25	(1 275)
(Total Salary).....		(4 275)
11. G. M. Wyant, Assistant Professor of Anesthesia.....	DY95	6 200
12. _____, Clinical Assistant Professor.....	DY40	1 950
13. J. T. Reynolds, Clinical Assistant Professor.....	DY40	1 600

14. Carl Ireneus, Jr., Clinical Assistant Professor.....	DY40	1 600
15. W. A. Conroy, Clinical Assistant Professor of Anesthesia	DY20	1 000
16. G. D. Kaiser, Assistant Professor.....	DY65	3 185
(See Anatomy).....	DY15	(735)
(Total Salary).....		(3 920)
17. _____, Assistant Professor.....	DY65	4 100
18. W. H. Requarth, Clinical Instructor.....	DY20	800
19. L. W. Peterson, Clinical Instructor.....	DY40	1 750
20. 50 Part-time Clinical Assistants.....	DY	1 800
21. Nonacademic Salaries.....	H.	15 878
Total, Salaries.....		(88 158)
Wages		3 040
Total, Salaries and Wages.....		(91 198)
Expense and Equipment		
Expense		20 000
Equipment		1 000
Total, Expense and Equipment.....		(21 000)
Total, Surgery.....		\$112 198

Cooperative Investigations*Salaries and Wages*

UNITED STATES PUBLIC HEALTH SERVICE TEACHING CANCER

GRANT CT630

I. J. D. Majarakis, Instructor.....	DY75	\$ 3 000
(Terminates March 31, 1951)		

COLLEGE OF DENTISTRY**Summary**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$18 570	\$6 750	\$25 320
Postgraduate Studies.....	16 455	4 200	20 655
Admitting Clinic.....	23 434	800	24 234
Applied Materia Medica and Therapeutics.....	50 390	2 400	52 790
Crowns and Fixed Partial Dentures.....	27 165	1 400	28 565
Dental Clinics.....	16 290	33 450	49 740
Dentistry for Children.....	10 940	1 500	12 440
Full and Removable Partial Dentures.....	39 915	1 200	41 115
Graduate Pedodontia.....	20 845	2 300	23 145
Histology.....	34 705	3 850	38 555
Medical and Dental History.....	5 500	.....	5 500
Operative Dentistry.....	32 575	1 200	33 775
Oral and Maxillofacial Surgery.....	28 491	2 450	30 941
Orthodontia.....	30 714	6 000	36 714
Pathology—Division of Oral Pathology.....	18 497	3 000	21 497
Radiology.....	18 980	3 000	21 980
Sub-total.....	(393 466)	(73 500)	(466 966)
Postgraduate Telephone Revolving.....	7 050	92 950	100 000
Total, College of Dentistry.....	\$400 516	\$166 450	\$566 966

Expendable Gift Funds**Organized Research:**

Estimated new projects and renewals.....	\$13 500	\$3 000	\$16 500
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**United States Government Contracts
and Indirect Costs Recovered****Organized Research:**

Estimated new projects and renewals.....	35 000	12 500	47 500
Total, Trust Funds.....	\$48 500	\$15 500	\$64 000

<i>Salaries and Wages</i>		Administration	
1. A. G. Brodie, Dean.....	BY20	\$	3 500
(See Orthodontia).....	AY55		(6 500)
(Total Salary).....			(10 000)
2. Isaac Schour, Associate Dean in charge of Postgraduate Studies .....			.....
(Salary under Postgraduate Studies and Histology)			
3. F. B. Noyes, Dean and Professor of Orthodontia, <i>Emeritus</i> (From Retiring Allowances).....			(2 320)
4. Mrs. Nell S. Talbot, Assistant to the Dean.....	DY70		4 000
(See Medical and Dental History).....	AY30		(2 500)
(Total Salary).....			(6 500)
5. Nonacademic Salaries.....	H		10 120
<i>Total, Salaries</i>			(17 620)
Wages			950
<i>Total, Salaries and Wages</i>			(18 570)
<i>Expense and Equipment</i>			
Dental R.O.T.C. Expense.....			250
General Expense.....			2 750
Contingent			3 750
<i>Total, Expense and Equipment</i>			(6 750)
<i>Total, Administration</i>			\$ 25 320

<i>Salaries and Wages</i>		Postgraduate Studies	
1. Isaac Schour, Associate Dean in charge of Postgraduate Studies	DY18	\$	2 270
Lecturer	DY		400
(See Histology).....	AY82		(10 230)
(Total Salary).....			(12 900)
2. E. L. DuBrul, Assistant Professor.....	BY25		1 325
(See Histology).....	BY50		(3 050)
(See Oral and Maxillofacial Surgery).....	BY25		(1 825)
(Total Salary).....			(6 200)
3. R. B. Underwood, Instructor.....	DY20		900
(See Full and Removable Partial Dentures).....	DY30		(1 350)
(Total Salary).....			(2 250)
4. R. G. Kesel, Lecturer.....	DY}		240
(See Applied Materia Medica and Therapeutics)...	AY}		(11 000)
(Total Salary).....			(11 240)
5. W. H. Kubacki, Lecturer.....	DY}		240
(See Full and Removable Partial Dentures).....	AY}		(9 000)
(Total Salary).....			(9 240)
6. Maury Massler, Lecturer.....	DY}		425
(See Graduate Pedodontia).....	AY}		(8 500)
(Total Salary).....			(8 925)
7. F. M. Wentz, Lecturer.....	DY	}	160
(See Histology).....	BY50		(2 500)
(From United States Public Health Service).....	BY50		(2 500)
(Total Salary).....			(5 160)
8. J. P. Weinmann, Lecturer.....	DY}		240
(See Oral Pathology).....	AY}		(9 000)
(Total Salary).....			(9 240)
9. Honorarium for Special Teaching.....			3 295 ¹
10. Nonacademic Salaries.....	H		6 440
<i>Total, Salaries</i>			(15 935)
Wages			520
<i>Total, Salaries and Wages</i>			(16 455)

¹ To be assigned to departments upon approval of the Dean of the College of Dentistry and the Vice-President of the Professional Colleges for payment of honorariums to part-time staff members and others for extra teaching.

Expense and Equipment

Expense	3 000
Equipment	1 200
<i>Total, Expense and Equipment</i>	(4 200)
<i>Total, Postgraduate Studies</i>	\$ 20 655

Postgraduate Telephone Revolving

(Entire budget from receipts)

<i>Salaries and Wages</i>	
1. Saul Levy, Coordinator.....	DY35 \$ 2 100
(See Applied Materia Medica and Therapeutics)...	DY40 (1 800)
(Total Salary).....	(3 900)
2. A. J. Malone, Assistant to the Coordinator.....	DY50 2 250
(See Graduate Pedodontia).....	DY50 (2 250)
(Total Salary)	(4 500)
3. Nonacademic Salaries.....	H 900
<i>Total, Salaries</i>	(5 250)
<i>Wages</i>	1 800
<i>Total, Salaries and Wages</i>	(7 050)
<i>Expense and Equipment</i>	
Expense	92 950
<i>Total, Postgraduate Telephone Revolving</i>	\$100 000

Admitting Clinic

<i>Salaries and Wages</i>	
1. Arthur Elfenbaum, Chief Examiner and Associate Professor of Clinical Dentistry.....	AY \$ 6 500
2. E. J. Krejci, Assistant Professor, <i>Emeritus</i>.....	.....
(Retiring allowance payable by Retirement System)	
3. J. A. Pracyk, Instructor.....	DY50 1 830
4. B. J. Warzak, Instructor.....	DY50 1 830
5. S. H. Yale, Instructor.....	DY50 1 830
6. Nonacademic Salaries.....	H 10 944
<i>Total, Salaries</i>	(22 934)
<i>Wages</i>	500
<i>Total, Salaries and Wages</i>	(23 434)
<i>Expense and Equipment</i>	
Expense	800
<i>Total, Admitting Clinic</i>	\$ 24 234

Applied Materia Medica and Therapeutics

<i>Salaries and Wages</i>	
1. R. G. Kesel, Professor and Head of Department.....	AY} \$ 11 000
(See Postgraduate Studies).....	DY} (240)
(Total Salary).....	(11 240)
2. E. C. Wach, Associate Professor.....	AY50 3 625
3. E. H. A. Kramp, Assistant Professor.....	BY50 2 450
4. M. F. Grunwald, Assistant Professor.....	BY40 2 000
5. Edward Hawkins, Instructor.....	DY 5 000
6. C. G. Maurice, Instructor.....	DY50 2 500
7. Saul Levy, Instructor.....	DY40 1 800
(See Postgraduate Telephone Revolving).....	DY35 (2 100)
(Total Salary).....	(3 900)
8. Anita Ellingson, Instructor.....	DY 3 750
9. Bennett Klavan, Instructor.....	DY50 1 830
10. Nonacademic Salaries.....	H 15 420
<i>Total, Salaries</i>	(49 375)
<i>Wages</i>	1 015
<i>Total, Salaries and Wages</i>	(50 390)
<i>Expense and Equipment</i>	
Expense	2 400
<i>Total, Applied Materia Medica and Therapeutics</i>	\$ 52 790

Cooperative Investigations*Salaries and Wages*

TRUST: UNIVERSITY OF ILLINOIS FOUNDATION — KESEL

1. L. M. Sreebny, Research Assistant..... DY \$ 4 000

Crowns and Fixed Partial Dentures*Salaries and Wages*

1. S. D. Tylman, Professor and Head of Department..... AY60 \$ 6 000
 2. F. N. Bazola, Associate Professor..... AY50 3 500
 3. F. X. Pelka, Instructor..... DY 4 000
 4. _____, Instructor..... DY50 2 000
 5. W. T. Pope, Instructor..... DY50 1 830
 6. E. G. Griffin, Instructor..... DY30 1 095
 7. T. W. Humble, Instructor..... DY50 1 830
 8. Nonacademic Salaries..... H 6 000
Total, Salaries..... (26 255)

Wages

..... 910
Total, Salaries and Wages..... (27 165)

Expense and Equipment

Expense 1 400
Total, Crowns and Fixed Partial Dentures..... \$ 28 565

Dental Clinics*Salaries and Wages*

1. W. H. Kubacki, Director.....
 (Salary under Full and Removable Partial Dentures)
 2. Nonacademic Salaries..... H \$ 14 700
Total, Salaries..... (14 700)

Wages

..... 1 590
Total, Salaries and Wages..... (16 290)

Expense and Equipment

Expense, General..... 10 500
 Full and Removable Partial Dentures..... 8 200
 Crowns and Fixed Partial Dentures..... 7 600
 Operative Dentistry..... 5 050
 Applied Materia Medica and Therapeutics..... 2 100
Total, Expense and Equipment..... (33 450)
Total, Dental Clinics..... \$ 49 740

Dentistry for Children*Salaries and Wages*

1. Elsie Gerlach, Superintendent of Children's Clinic..... DY} \$6 200
 Associate Professor..... AY}
 2. 50 Part-time Assistants..... DY 1 440
 3. Nonacademic Salaries..... H 3 300
Total, Salaries..... (10 940)

Expense and Equipment

Expense 1 500
Total, Dentistry for Children..... \$ 12 440

Full and Removable Partial Dentures*Salaries and Wages*

1. W. H. Kubacki, Professor and Head of Department and
 Director of Dental Clinics..... AY \$ 9 000
 (See Postgraduate Studies)..... DY (240)
 (Total Salary)..... (9 240)
 2. J. S. Kellogg, Professor, *Emeritus*.....
 (Retiring allowance payable by Retirement System)
 3. Henry Glupker, Associate Professor.....
 (Salary under Division of Services for Crippled
 Children)

4. M. A. Szmyd, Instructor.....	DY	4 000
5. S. S. Flores, Instructor.....	DY	3 660
6. G. W. Dittmar, Jr., Instructor.....	DY ₅₀	2 250
7. R. B. Underwood, Instructor.....	DY ₃₀	1 350
(See Postgraduate Studies).....	DY ₂₀	(900)
(Total Salary).....		(2 250)
8. 2.00 Part-time Assistants.....	DY	6 460
9. Nonacademic Salaries.....	H	12 030
<i>Total, Salaries</i>		(38 750)
Wages		1 165
<i>Total, Salaries and Wages</i>		(39 915)
<i>Expense and Equipment</i>		
Expense		1 200
<i>Total, Full and Removable Partial Dentures</i>		\$ 41 115

Graduate Pedodontia

<i>Salaries and Wages</i>		
1. Maury Massler, Professor.....	AY}	\$ 8 500
(See Postgraduate Studies).....	DY}	(425)
(Total Salary).....		(8 925)
2. A. J. Malone, Instructor.....	DY ₅₀	2 250
(See Postgraduate Telephone Revolving).....	DY ₅₀	(2 250)
(Total Salary).....		(4 500)
3. T. K. Barber, Instructor.....	DY ₅₀	1 830
(See Operative Dentistry).....	DY ₅₀	(1 830)
(Total Salary).....		(3 660)
4. Jack Zwemer, Instructor.....	DY ₇₅	2 745
(See Histology).....	DY ₂₅	(915)
(Total Salary).....		(3 660)
5. Nonacademic Salaries.....	H	5 520
<i>Total, Salaries</i>		(20 845)
<i>Expense and Equipment</i>		
Expense		2 300
<i>Total, Graduate Pedodontia</i>		\$ 23 145

Histology

<i>Salaries and Wages</i>		
1. Isaac Schour, Professor and Head of Department.....	AY ₈₂	\$ 10 230
(See Postgraduate Studies).....	DY ₁₈	(2 670)
(Total Salary).....		(12 900)
2. E. L. DuBrul, Assistant Professor of Oral Anatomy.....	BY ₅₀	3 050
(See Oral and Maxillofacial Surgery).....	BY ₂₅	(1 825)
(See Postgraduate Studies).....	BY ₂₅	(1 325)
(Total Salary).....		(6 200)
3. F. M. Wentz, Assistant Professor.....	BY ₅₀	2 500
(From United States Public Health Service).....	BY ₅₀	(2 500)
(See Postgraduate Studies).....	DY	(160)
(Total Salary).....		(5 160)
4. J. A. Gagnon, Assistant Professor of Oral Anatomy.....	BY ₆₀	3 000
(See Operative Dentistry).....	BY ₄₀	(2 000)
(Total Salary).....		(5 000)
5. Verda E. James, Instructor.....	DY ₅₀	2 000
(From United States Public Health Service).....	DY ₅₀	(2 000)
(Total Salary).....		(4 000)
6. Jack Zwemer, Instructor.....	DY ₂₅	915
(See Graduate Pedodontia).....	DY ₇₅	(2 745)
(Total Salary).....		(3 660)
7. Nonacademic Salaries.....	H	12 360
<i>Total, Salaries</i>		(34 955)
Wages		650
<i>Total, Salaries and Wages</i>		(34 705)

Expense and Equipment

Expense, Histology.....	3 100
Expense, Oral Anatomy and Comparative Odontology.....	750
<i>Total, Expense and Equipment.....</i>	<u>(3 850)</u>
<i>Total, Histology.....</i>	\$ 38 555

Salaries and Wages **Medical and Dental History**

1. Mrs. Nell S. Talbot, Associate Professor.....	AY30	\$ 2 500
(See Administration).....	DY70	(4 000)
(Total Salary)		(6 500)
2. Nonacademic Salaries.....	H	2 880
<i>Total, Salaries.....</i>		<u>(5 380)</u>
Wages		120
<i>Total, Medical and Dental History.....</i>		\$ 5 500

Salaries and Wages **Operative Dentistry**

1. J. M. Spence, Professor and Head of Department.....	AY	\$ 7 500
2. Margot Ulloa, Associate Professor.....	AY70	5 075
3. W. A. Link, Assistant Professor.....	BY40	2 080
4. J. A. Gagnon, Assistant Professor.....	BY40	2 000
(See Histology).....	BY60	(3 000)
(Total Salary).....		(5 000)
5. Arthur Marc, Instructor.....	DY50	2 125
6. T. K. Barber, Instructor.....	DY50	1 830
(See Graduate Pedodontia).....	DY50	(1 830)
(Total Salary).....		(3 660)
7. K. P. Sharpe, Instructor.....	DY40	1 600
8. Jules Berman, Instructor.....	DY40	1 600
9. J. L. Morros, Instructor.....	DY40	1 500
10. M. C. Tanner, Instructor.....	DY40	1 465
11. Nonacademic Salaries.....	H	5 400
<i>Total, Salaries.....</i>		<u>(32 175)</u>
Wages		400
<i>Total, Salaries and Wages.....</i>		<u>(32 575)</u>

Expense and Equipment

Expense	1 200
<i>Total, Operative Dentistry.....</i>	\$ 33 775

Salaries and Wages **Oral and Maxillofacial Surgery**

1. B. G. Sarnat, Professor and Head of Department.....	AY50	\$ 5 500
2. Louis Schultz, Professor, <i>Emeritus</i> (From Retiring Allowances)		(600)
3. Eli Olech, Associate Professor and Director of Minor Oral Surgery.....	AY50	3 750
4. E. L. DuBrul, Assistant Professor.....	BY25	1 825
(See Postgraduate Studies).....	BY25	(1 325)
(See Histology).....	BY50	(3 050)
(Total Salary).....		(6 200)
5. Anna Rieke, Instructor.....	DY	4 500
6. 1.50 Part-time Assistants.....	DY	4 100
7. Nonacademic Salaries.....	H	8 616
<i>Total, Salaries</i>		<u>(28 291)</u>
Wages		200
<i>Total, Salaries and Wages.....</i>		<u>(28 491)</u>

Expense and Equipment

Expense	2 450
<i>Total, Oral and Maxillofacial Surgery.....</i>	\$ 30 941

<i>Salaries and Wages</i>		Orthodontia	
1. A. G. Brodie, Professor and Head of Department.....	AY55	\$ 6 500	
(See Administration).....	BY20	(3 500)	
(Total Salary).....		(10 000)	
2. W. B. Downs, Professor.....	AY20	2 000	
3. E. W. Renfro, Assistant Professor.....	BY60	3 600	
4. M. B. Engel, Research Assistant Professor.....	BY50	3 250	
5. R. M. Ricketts, Instructor.....	DY45	2 000	
(See Division of Services for Crippled Children)...	DY55	(2 500)	
(Total Salary).....		(4 500)	
6. _____, Instructor.....	DY	3 660	
7. Samuel Pruzansky, Research Associate.....		.....
(Salary under Division of Services for Crippled Children)			
8. Nonacademic Salaries.....	H	8 544	
<i>Total, Salaries</i>		(29 554)	
<i>Wages</i>		1 160	
<i>Total, Salaries and Wages</i>		(30 714)	
<i>Expense and Equipment</i>			
<i>Expense</i>		6 000	
<i>Total, Orthodontia</i>		\$ 36 714	

<i>Salaries and Wages</i>		Pathology — Division of Oral Pathology	
1. Joseph Weinmann, Professor and Head of Division.....	AY}	\$ 9 000	
(See Postgraduate Studies).....	DY}	(240)	
(Total Salary).....		(9 240)	
2. M. S. Burstone, Research Associate.....	GY	5 000	
(One year from July 1, 1950)			
3. Nonacademic Salaries.....	H	3 972	
<i>Total, Salaries</i>		(17 972)	
<i>Wages</i>		525	
<i>Total, Salaries and Wages</i>		(18 497)	
<i>Expense and Equipment</i>			
<i>Expense</i>		3 000	
<i>Total, Pathology — Division of Oral Pathology</i>		\$ 21 497	

<i>Salaries and Wages</i>		Radiology	
1. W. W. Wainwright, Professor and Head of Department..	DY	\$ 8 000	
2. Nonacademic Salaries.....	H	9 920	
<i>Total, Salaries</i>		(17 920)	
<i>Wages</i>		1 060	
<i>Total, Salaries and Wages</i>		(18 980)	
<i>Expense and Equipment</i>			
<i>Expense</i>		3 000	
<i>Total, Radiology</i>		\$ 21 980	

<i>Salaries and Wages</i>		COLLEGE OF PHARMACY	
1. E. R. Serles, Dean.....	BY}	\$ 14 000	
Professor of Pharmacy.....	AY}		
2. F. T. Maher, Assistant Dean.....	BY}	9 000	
Professor of Pharmacology and Pharmacognosy and Head of Department.....	AY}		
3. E. N. Gathercoal, Professor of Pharmacognosy, <i>Emeritus</i> (From Retiring Allowances).....		(2 383)	
4. D. L. Deardorff, Associate Professor.....	A	6 500	
5. G. L. Webster, Professor of Chemistry.....	A75	5 500	
Head of Department.....	AY25	2 500	
(Total Salary).....		(8 000)	

6. H. L. Davis, Associate Professor of Chemistry.....	A	7 000
7. ———, Associate Professor of Manufacturing Pharmacy	A80	4 400
(See Hospital Pharmacy).....	AY20	(1 600)
(Total Salary)		(6 000)
8. R. E. Terry, Associate Professor.....	A	5 920
9. E. R. Kirch, Associate Professor of Chemistry.....	A	5 700
10. R. F. Voigt, Director of Drug Plant Experiment Station Associate Professor of Pharmacognosy and Pharma- cology	AY50	3 300
(Total Salary)	A50	2 700
11. C. W. Clarke, Assistant Professor of Chemistry.....	B	5 700
12. N. R. Joseph, Assistant Professor of Chemistry.....	B	5 300
13. A. J. Perkins, Assistant Professor of Chemistry.....	B	5 300
14. H. M. Emig, Assistant Professor.....	B	5 500
15. R. M. Besancon, Assistant Professor of Physics.....	B	4 900
16. J. E. Davis, Assistant Professor of Mathematics.....	B	5 200
17. P. D. Carpenter, Assistant Professor of Zoology and Pharmacognosy	B	5 000
18. ———, Assistant Professor.....	B	5 000
19. J. E. Gearien, Assistant Professor of Chemistry.....	D	4 800
20. C. A. Reed, Assistant Professor of Zoology.....	B	4 550
21. L. C. Dolk, Assistant Professor of English.....	B	4 250
22. Samuel Shkolnik, Lecturer in Pharmaceutical Jurispru- dence	D20	910
23. W. R. Collins, Instructor (See Hospital Pharmacy).....	DY	(5 000)
24. W. P. Blackmore, Instructor in Manufacturing Pharmacy (See Hospital Pharmacy).....	DY	(4 000)
25. ———, Instructor	D	3 900
26. ———, Instructor in Pharmacognosy.....	D	3 900
27. C. A. Blomquist, Instructor in Zoology.....	D	3 900
28. Marguerite R. Zielesch, Instructor in Physics.....	D	3 900
29. Rose A. Grundman, Instructor in Mathematics.....	D	3 600
30. ———, Instructor in Chemistry.....	D	3 500
31. Andrew Lasslo, Assistant in Chemistry.....	G ¹	2 600
32. D. E. Lussman, Assistant in Chemistry.....	G ¹	2 600
33. ———, Assistant in Chemistry.....	G ¹	2 600
34. D. W. Doerr, Assistant in Pharmacy.....	G ¹	2 600
35. S. V. Susina, Assistant in Pharmacy.....	G ¹	2 600
36. H. R. Spriggs, Assistant in Pharmacy.....	G ¹	2 600
37. 1.50 Part-time Assistants.....	G ¹	3 900
38. Nonacademic Salaries	H	39 096
Total, Salaries		(204 226)
Wages		3 000
Total, Salaries and Wages.....		(207 226)
Expense and Equipment		
Expense		28 000
Drug Plant Experiment Station Expense.....		3 000
Equipment		1 750
Total, Expense and Equipment.....		(32 750)
Total, College of Pharmacy.....		\$239 976

Hospital Pharmacy Revolving

Salaries and Wages	(Entire budget from receipts)	
1. ———, Administrator of Hospital Pharmacy....	AY20	\$ (1 600)
(See Pharmacy)	A80	(4 400)
(Total Salary)		(6 000)

¹ Academic year 1950-1951 payable in ten monthly installments beginning September, 1950.

2. W. R. Collins, Chief Pharmacist.....	DY	(5 000)
(See Pharmacy)		
3. W. P. Blackmore, Instructor in Manufacturing Pharmacy and Manufacturing Pharmacist.....	DY	(4 000)
(See Pharmacy)		
4. Loretto A. Byrne, Assistant in Manufacturing Pharmacy.....	DY	(3 500)
5. Mrs. Betty J. Susina, Registered Pharmacist.....	DY	(3 480)
6. G. J. Meletsis, Registered Pharmacist.....	DY	(3 480)
7. N. Y. Kitsuse, Registered Pharmacist.....	DY	(3 480)
8. Mrs. Keo G. Smith, Registered Pharmacist.....	DY80	(3 000)
9. Alyce A. Godshall, Registered Pharmacist.....	DY	(3 000)
10. 1.00 Part-time Residents.....	H	(1 320) ¹
11. Nonacademic Salaries	H	(7 536)
<i>Total, Salaries</i>		(39 396)
Wages		(3 000)
<i>Total, Salaries and Wages</i>		(42 396)
<i>Total, Hospital Pharmacy Revolving</i>		<u>\$(42 396)</u>

Illinois Eye and Ear Infirmary Pharmacy Revolving

(Entire budget from receipts)

1. Joseph Perlman, Registered Pharmacist in charge of the Hospital Pharmacy	DY	\$ (4 000)
2. Frances H. Fenton, Registered Pharmacist.....	DY	(3 480)
<i>Total, Illinois Eye and Ear Infirmary Pharmacy Revolving</i>		<u>\$ (7 480)</u>

	Pharmacy	Salaries and Wages	Other Expense	Total
Expendable Gift Funds				
Organized Research:				
Estimated new projects and renewals		<u>\$1 250</u>	<u>\$250</u>	<u>\$1 500</u>
<i>Total, Trust Funds</i>		<u>\$1 250</u>	<u>\$250</u>	<u>\$1 500</u>

GRADUATE COLLEGE

	Summary	Salaries and Wages	Other Expense	Total
<i>Instruction and Administration</i>				
Administration		\$2 645	\$ 400	\$ 3 045
<i>Research</i>				
Special Graduate Fund		5 500	.....	5 500
<i>Student Aid</i>				
Fellowships.....		18 000	18 000
<i>Total, Graduate College</i>		<u>\$8 145</u>	<u>\$18 400</u>	<u>\$26 545</u>

United States Government Contracts and Indirect Cost Recovered

Research:			
Estimated new projects and renewals	<u>\$4 500</u>	<u>\$500</u>	<u>\$5 000</u>
<i>Total, Trust Funds</i>	<u>\$4 500</u>	<u>\$500</u>	<u>\$5 000</u>

Administration

(Under the direction of the Dean of the Graduate College of the University)

Salaries and Wages

1. M. V. Novak, Assistant Dean of the Graduate College for the Chicago Professional Colleges.....	DY9	\$ 1 000
(See Bacteriology)	AY9r	(10 000)
(Total Salary)		(11 000)

¹ Also furnished full maintenance and uniforms, valued at \$384 a year, for the convenience of the University.

2. Nonacademic Salaries	H	1 545
Wages		100
<i>Total, Salaries and Wages</i>		(2 645)
<i>Expense and Equipment</i>		
Expense		400
<i>Total, Administration</i>		\$ 3 045

Special Graduate Fund

1. Bess G. Osgood, Research Associate in Physiology.....	DY54	\$ 3 000
(From American Heart Association).....	DY46	(2 500)
(Total Salary)		(5 500)
2. _____, Instructor in Anatomy.....	D62	2 500
(See Anatomy)	D38	(1 500)
(Total Salary)		(4 000)
<i>Total, Special Graduate Fund</i>		\$ 5 500

<i>Expense and Equipment</i>		
Stipends of Fellows.....		\$ 18 000
<i>Total, Fellowships</i>		\$ 18 000

SCHOOL OF NURSING

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
School of Nursing	\$13 548	\$31 850	\$45 398
Affiliated Program for Hospital Schools of Nursing	8 960	3 550	12 510
<i>Total, School of Nursing</i>	\$22 508	\$35 400	\$57 908

School of Nursing

<i>Salaries and Wages</i>		
1. Mrs. Ann Lucille Laird, Acting Director.....	DY25	\$ 1 680
(See Research and Educational Hospitals, Nursing) ..	DY75	(4 800)
(Total Salary)		(6 480) ¹
2. Ruth M. Carroll, Associate Director.....	DY10	600
(See Research and Educational Hospitals, Nursing) ..	H90	(4 020)
(Total Salary)		(4 620) ²
3. Helen Bruck, Clinical Instructor, Orthopaedic Nursing...	DY	3 924 ³
4. Dorothy Rausch, Clinical Instructor, Pediatric Nursing..	DY	3 720 ³
5. 50 Part-time Assistants.....	DY	1 020 ³
6. Nonacademic Salaries	H	2 280
<i>Total, Salaries</i>		(13 233)
Wages		315
<i>Total, Salaries and Wages</i>		(13 548)
<i>Expense and Equipment</i>		
Expense		30 050
Equipment		1 800
<i>Total, Expense and Equipment</i>		(31 850)
<i>Total, School of Nursing</i>		\$ 45 398

Affiliated Program for Hospital Schools of Nursing

Salaries and Wages

1. Emily C. Cardew, Coordinator and Assistant Professor of Nursing Education	DY	\$ 6 000
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¹ Also furnished room and one meal a day while on duty, valued at \$288 a year, for the convenience of the employee.

² Also furnished room and board while on duty, valued at \$480 a year, for the convenience of the employee.

³ Also furnished one meal a day while on duty, valued at \$96 a year, for the convenience of the employee.

2. Nonacademic Salaries	H	2 760
<i>Total, Salaries</i>		(8 760)
Wages		200
<i>Total, Salaries and Wages</i>		(8 960)
<i>Expense and Equipment</i>		
Expense		3 350
Equipment		200
<i>Total, Expense and Equipment</i>		(3 550)
<i>Total, Affiliated Program for Hospital Schools of Nursing</i>		\$ 12 510

DIVISION OF SOCIAL WELFARE ADMINISTRATION

Salaries and Wages

1. Marietta Stevenson, Director .....		.....
(Salary under Urbana-Champaign)		
2. Marian E. Russell, Supervisor of Social Case Work, with rank of Associate Professor	BY	\$ 6 600
3. Margaret I. Anderson, Instructor	DY	4 360
4. Mrs. Virnelle Doyle, Instructor	DY	4 260
5. Ada Abromowitz, Instructor	DY	4 260
6. _____, Instructor	DY	4 004 ¹
7. Alice M. Gonnerman, Instructor	DY	3 800
8. Margaret Judiesch, Instructor	DY	3 564 ¹
9. Margaret E. Krebs, Instructor	DY	3 564 ¹
10. _____, Instructor	DY	3 900
11. _____, Instructor	DY	3 660
12. _____, Instructor	DY	3 660
13. Nonacademic Salaries	H	9 318
<i>Total, Salaries</i>		(54 950)
Wages		500
<i>Total, Salaries and Wages</i>		(55 450)
<i>Expense and Equipment</i>		
Expense		3 300
Equipment		200
<i>Total, Expense and Equipment</i>		(3 500)
<i>Total, Division of Social Welfare Administration</i>		\$ 58 950

PHYSICAL EDUCATION FOR MEN

<i>Salaries and Wages</i>		
1. J. W. Brown, Instructor	DY	\$ 4 800
2. Nonacademic Salaries	H	2 880
<i>Total, Salaries</i>		(7 680)
Wages		1 788
<i>Total, Salaries and Wages</i>		(9 468)
<i>Expense and Equipment</i>		
Expense		2 200
Equipment		500
<i>Total, Expense and Equipment</i>		(2 700)
<i>Total, Physical Education for Men</i>		\$ 12 168

AEROMEDICAL AND PHYSICAL ENVIRONMENT LABORATORY

(Under the supervision of the Vice-President)

Salaries and Wages

1. J. P. Marbarger, Director of Research	BY ¹	\$ 8 500
Associate Professor of Physiology	AY	

¹ Also furnished one meal a day while on duty, valued at \$96 a year, for the convenience of the employee.

2. M. K. Fahnestock, Engineering Director.....	.....
(Salary under College of Engineering, Urbana)		
3. Victor Guillemín, Jr., Biophysicist and Professor of Bio- physics	AY	8 500
4., Physiologist	DY	6 000
5. Nonacademic Salaries	H	19 500
<i>Total, Salaries</i>		(42 500)
Wages		3 000
<i>Total, Salaries and Wages</i>		(45 500)
<i>Expense and Equipment</i>		
Expense		14 750
<i>Total, Aeromedical and Physical Environment Labora- tory</i>		\$ 60 250

United States Government Contracts	Salaries and Wages	Other Expense	Total
Organized Research:			
Estimated new projects and renewals.....	\$900	\$300	\$1 200
<i>Total, Trust Funds</i>	\$900	\$300	\$1 200

INSTITUTION FOR TUBERCULOSIS RESEARCH

<i>Salaries and Wages</i>		
1. S. R. Rosenthal, Director.....	BY70	\$ 7 000
(Also paid \$3,000 by Research Foundation)		
2. Nonacademic Salaries	H	25 000
<i>Total, Salaries</i>		(32 000)
Wages		500
<i>Total, Salaries and Wages</i>		(32 500)
<i>Expense and Equipment</i>		
Expense		2 500
Equipment		1 000
<i>Total, Expense and Equipment</i>		(3 500)
<i>Total, Institution for Tuberculosis Research</i>		\$ 36 000

RESEARCH AND EDUCATIONAL HOSPITALS

Summary

	Salaries and Wages	Other Expense	Total
Administration	\$52 645	\$18 500	\$71 145
Admissions.....	20 140	1 450	21 590
Central Supply	21 722	14 500	36 222
Clinics.....	137 350	15 600	152 950
Dietary.....	202 084	152 400	354 484
Laboratory.....	88 370	18 000	106 370
Linen Service.....	13 872	60 500	74 372
Medical Records Library.....	51 530	7 500	59 030
Nursing.....	456 470	11 520	467 990
Nurses Residence.....	10 680	4 500	15 180
Operating Room	58 012	29 000	87 012
Orthopaedic Brace Shop.....	5 732	2 000	7 732
Patient Drugs.....	.....	40 000	40 000
Pathology.....	26 220	7 000	33 220
Physical Medicine and Rehabilitation.....	41 080	9 500	50 580
Radiology.....	43 658	38 000	81 658
Resident Staff.....	50 160	32 500	82 660
Social Service.....	14 172	1 200	15 372
Ward Expense.....	2 994	22 000	24 994
<i>Sub-total</i>	(1 296 891)	(485 670)	(1 782 561)

Summary (concluded)

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Brace Shop Revolving	4 308	692	5 000
Blood Bank Revolving .....	.....	7 200	7 200
<i>Total, Research and Educational Hospitals</i>	\$1 301 199	\$493 562	\$1 794 761

Expendable Gift Funds

Organized Research:

Estimated New Projects and Renewals	\$12 000	\$6 000	\$18 000
<i>Total, Trust Funds</i>	\$12 000	\$6 000	\$18 000

Administration

<i>Salaries and Wages</i>			
1. S. W. Olson, Medical Director .....			.....
(Salary under Medicine, Administration)			
2. J. E. Millizen, Administrator	DY	\$	9 300
3. M. C. Benford, Associate Medical Director .....			.....
(Salary under Clinics)			
4. R. C. Berson, Assistant Medical Director	DY67		5 325
(See Medicine, Administration)	DY33		(2 675)
(Total Salary)			(8 000)
(On leave without pay)			
5. Nonacademic Salaries	H		34 020
<i>Total, Salaries</i>			(48 645)
<i>Wages</i>			4 000
<i>Total, Salaries and Wages</i>			(52 645)
<i>Expense and Equipment</i>			
Expense			6 500
Equipment			12 000
<i>Total, Expense and Equipment</i>			(18 500)
<i>Total, Administration</i>			\$ 71 145

Admissions

<i>Salaries and Wages</i>			
1. M. C. Benford, Director of Admissions .....			.....
(Salary under Clinics)			
2. Nonacademic Salaries	H	\$	17 940
<i>Wages</i>			2 200
<i>Total, Salaries and Wages</i>			(20 140)
<i>Expense and Equipment</i>			
Expense			1 200
Equipment			250
<i>Total, Expense and Equipment</i>			(1 450)
<i>Total, Admissions</i>			\$ 21 590

Central Supply

<i>Salaries and Wages</i>			
1. Mrs. Ann Lucille Laird, Head of Central Supply .....			.....
(Salary under Nursing)			
2. Nonacademic Salaries	H	\$	14 940
<i>Wages</i> (includes 2 Senior Nurse's Aides and 1 Nurse's Aide) ..			6 782
<i>Total, Salaries and Wages</i>			(21 722)
<i>Expense and Equipment</i>			
Expense			13 500
Equipment			1 000
<i>Total, Expense and Equipment</i>			(14 500)
<i>Total, Central Supply</i>			\$ 36 222

Clinics*Salaries and Wages*

1. M. C. Benford, Director of Clinics, Associate Medical Director, and Director of Admissions.....	DY67	\$ 6 000
2. Retta E. Boyd, Assistant Director of Clinics, in charge of Neuropsychiatric Clinics	DY	4 500
3. D. P. Slaughter, Director of Outpatient Tumor Clinic.... (Salary under Medicine, Surgery and Radiology)		.....
4. Nonacademic Salaries	H	122 850
<i>Total, Salaries</i>		(133 350)
<i>Wages</i>		4 000
<i>Total, Salaries and Wages</i>		(137 350)
<i>Expense and Equipment</i>		
Expense		14 600
Equipment		1 000
<i>Total, Expense and Equipment</i>		(15 600)
<i>Total, Clinics</i>		\$152 950

Dietary*Salaries and Wages*

1. Nonacademic Salaries	H	\$ 44 988
<i>Wages</i> (includes 5 Cooks, 22 Senior Kitchen Helpers, and 46 Kitchen Helpers)		157 096
<i>Total, Salaries and Wages</i>		(202 084)
<i>Expense and Equipment</i>		
General Departmental Expense		148 400
Equipment		4 000
<i>Total, Expense and Equipment</i>		(152 400)
<i>Total, Dietary</i>		\$354 484 ¹

Laboratory*Salaries and Wages*

1. S. A. Levinson, Director of Hospital Laboratory and Professor of Pathology.....	AY	\$ 11 000
2. R. P. MacFate, Assistant Director of Hospital Laboratory and Assistant Professor of Pathology.....	DY70	4 550
(See Medicine, Pathology)	DY20	(1 300)
(Total Salary)		(5 850)
3. Nonacademic Salaries	H	61 620
<i>Total, Salaries</i>		(77 170)
<i>Wages</i>		11 200
<i>Total, Salaries and Wages</i>		(88 370)
<i>Expense and Equipment</i>		
Expense		17 000
Equipment		1 000
<i>Total, Expense and Equipment</i>		(18 000)
<i>Total, Laboratory</i>		\$106 370

Linen Service*Salaries and Wages*

1. Nonacademic Salaries	H	\$ 12 672
<i>Wages</i>		1 200
<i>Total, Salaries and Wages</i>		(13 872)
<i>Expense and Equipment</i>		
Expense		60 000
Equipment		500
<i>Total, Expense and Equipment</i>		(60 500)
<i>Total, Linen Service</i>		\$ 74 372

¹ The operating budget of this department is also to be credited monthly with the income received from the Illinois Neuropsychiatric Institute and the Institute for Juvenile Research for meals served to patients and personnel.

<i>Salaries and Wages</i>		Medical Record Library	
1. Nonacademic Salaries	H	\$ 48 030	
Wages		3 500	
<i>Total, Salaries and Wages</i>		(51 530)	
<i>Expense and Equipment</i>			
Expense		6 500	
Equipment		1 000	
<i>Total, Expense and Equipment</i>		(7 500)	
<i>Total, Medical Record Library</i>		\$ 59 030	

<i>Salaries and Wages</i>		Nursing	
1. Mrs. Ann Lucille Laird, Director of Nursing, Head of Operating Room, Head of Nurses Residence, and Head of Central Supply	DY75	\$ 4 800 ¹	
(See School of Nursing)	DY25	(1 680)	
(Total Salary)		(6 480)	
2. Nonacademic Salaries	H	333 510	
<i>Total, Salaries</i>		(338 310)	
Wages (includes 5 Senior Nurse's Aides, 47 Nurse's Aides, 6.5 Orderlies, and \$17,000 Relief Nurses or overtime) ..		118 160	
<i>Total, Salaries and Wages</i>		(456 470)	
<i>Expense and Equipment</i>			
Expense		9 000	
Housing of Nurses at Cook County Nurses Residence		2 520	
<i>Total, Expense and Equipment</i>		(11 520)	
<i>Total, Nursing</i>		\$467 990	

<i>Salaries and Wages</i>		Nurses Residence	
1. Mrs. Ann Lucille Laird, Head of Nurses Residence .....		.....
(Salary under Nursing)			
2. Nonacademic Salaries	H	\$ 9 480	
Wages		1 200	
<i>Total, Salaries and Wages</i>		(10 680)	
<i>Expense and Equipment</i>			
Expense		3 500	
Equipment		1 000	
<i>Total, Expense and Equipment</i>		(4 500)	
<i>Total, Nurses Residence</i>		\$ 15 180	

<i>Salaries and Wages</i>		Operating Room	
1. W. H. Cole, Professor of Surgery and Surgeon-in-Chief .....		.....
(Salary under Surgery)			
2. Mrs. Ann Lucille Laird, Director of Nursing and Head of Operating Room Service .....		.....
(Salary under Nursing)			
3. Nonacademic Salaries	H	\$ 45 192	
Wages (includes 3 Nurse's Aides and 2 Orderlies)		12 820	
<i>Total, Salaries and Wages</i>		(58 012)	
<i>Expense and Equipment</i>			
Expense		22 000	
Equipment		1 000	
Anesthesia Expense		5 500	
Anesthesia Equipment		500	
<i>Total, Expense and Equipment</i>		(29 000)	
<i>Total, Operating Room</i>		\$ 87 012	

¹ Also furnished room and one meal a day while on duty, valued at \$288 a year, for the convenience of the employee.

<i>Salaries and Wages</i>		Orthopaedic Brace Shop	
1. F. A. Chandler, Professor and Head of Department, and Director of the Illinois Surgical Institute.....			.....
(Salary under Medicine, Orthopaedic Surgery)			
2. Nonacademic Salaries	H	\$ 5 232	
Wages		500	
Total, Salaries and Wages.....		(5 732)	
<i>Expense and Equipment</i>			
Expense		2 000	
Total, Orthopaedic Brace Shop.....		\$ 7 732	
Brace Shop Revolving (Entire budget from receipts)			
1. Nonacademic Salaries	H	\$ 3 708	
Wages		600	
Total, Salaries and Wages.....		(4 308)	
<i>Expense and Equipment</i>			
Expense		692	
Total, Brace Shop Revolving.....		\$ 5 000	
<i>Expense and Equipment</i>			
Expense		\$ 40 000	
Total, Patient Drugs.....		\$ 40 000	
<i>Salaries and Wages</i>		Pathology	
1. G. A. Bennett, Pathologist-in-Chief.....			.....
(Salary under Medicine, Pathology)			
2. C. A. Krakower, Associate Pathologist.....			.....
(Salary under Medicine, Pathology)			
3. Maurice Lev, Associate Pathologist.....			.....
(Salary under Medicine, Pathology)			
4. Elizabeth A. McGrew, Assistant Pathologist.....	DY80	\$ 4 800	
(See Medicine, Pathology).....	DY20	(1 200)	
(Total Salary)		(6 000)	
5. Nonacademic Salaries	H	19 420	
Total, Salaries		(24 220)	
Wages		2 000	
Total, Salaries and Wages.....		(26 220)	
<i>Expense and Equipment</i>			
Expense		7 000	
Total, Pathology		\$ 33 220	
<i>Salaries and Wages</i>		Physical Medicine and Rehabilitation	
1. H. W. Kendell, Chief of Physical Medicine and Rehabili- tation			¹
2. A. A. Rodriguez, Assistant Chief of Physical Medicine and Rehabilitation			¹
3. Beatrice D. Wade, Director of Occupational Therapy....			¹
4. Florence M. MacLean, Clinical Director of Occupational Therapy			¹
5. Angeline M. Howard, Supervisor of Occupational Therapy			¹
6. Sarah L. Gephardt, Supervisor of Occupational Therapy.			¹
7. Alice M. Clement, Supervisor of Occupational Therapy..			¹
8. Mrs. Marie R. Adams, Supervisor of Occupational Therapy			¹
9. Blanche M. Popelka, Assistant in Occupational Therapy..			¹
10. Grace W. DeTamble, Assistant in Occupational Therapy.			¹
11. Mable A. ValDez, Assistant in Occupational Therapy....			¹

¹ Salary under Medicine, Physical Medicine and Rehabilitation.

12. Nonacademic Salaries	H	\$ 39 080
Wages		2 000
<i>Total, Salaries and Wages</i>		(41 080)
<i>Expense and Equipment</i>		
Expense, Physical Medicine.....		3 000
Expense, Occupational Therapy.....		3 000
Equipment, Physical Medicine.....		2 500
Equipment, Occupational Therapy.....		1 000
<i>Total, Expense and Equipment</i>		(9 500)
<i>Total, Physical Medicine and Rehabilitation</i>		\$ 50 580

Radiology

<i>Salaries and Wages</i>		
1. R. A. Harvey, Radiologist-in-Chief and Professor of Radiology .....		.....
(Salary under Medicine, Radiology)		
2. Nonacademic Salaries	H	\$ 38 658
Wages		5 000
<i>Total, Salaries and Wages</i>		(43 658)
<i>Expense and Equipment</i>		
Expense		36 000
Equipment		2 000
<i>Total, Expense and Equipment</i>		(38 000)
<i>Total, Radiology</i>		\$ 81 658

Resident Staff

<i>Salaries and Wages</i>		
1. S. W. Olson, Medical Director.....		.....
(Salary under Medicine, Administration)		
Wages (22 first-year Residents at \$660, ¹ 23 second-year Residents at \$880, ¹ 14 third-year Residents at \$1,100 ¹)..		\$ 50 160
<i>Expense and Equipment</i>		
Expense		32 000
Equipment		500
<i>Total, Expense and Equipment</i>		(32 500)
<i>Total, Resident Staff</i>		\$ 82 660

Social Service

<i>Salaries and Wages</i>		
1. M. C. Benford, Associate Medical Director.....		.....
(Salary under Clinics)		
2. Nonacademic Salaries	H	\$ 13 872
Wages		300
<i>Total, Salaries and Wages</i>		(14 172)
<i>Expense and Equipment</i>		
Expense		1 100
Equipment		100
<i>Total, Expense and Equipment</i>		(1 200)
<i>Total, Social Service</i>		\$ 15 372

Ward Expense

<i>Salaries and Wages</i>		
1. Nonacademic Salaries	H	\$ 2 994
<i>Expense and Equipment</i>		
Expense (Ward Expense, \$14,000; Surgical Dressings, \$8,000)		22 000
<i>Total, Ward Expense</i>		\$ 24 994

¹ Also furnished full maintenance, valued at \$480 a year, for the convenience of the University.

Blood Bank Revolving
(Entire budget from receipts)

<i>Expense and Equipment</i>	
Expense	\$ 7 200
<i>Total, Blood Bank Revolving</i>	\$ 7 200

ILLINOIS EYE AND EAR INFIRMARY

Salaries and Wages

1. S. W. Olson, Medical Director.....	.....
(Salary under Medicine, Administration)		
2. F. L. Lederer, Otolaryngologist-in-Chief.....	.....
(Salary under Otolaryngology)		
3. W. F. Hughes, Jr., Ophthalmologist-in-Chief.....	.....
(Salary under Ophthalmology)		
4. J. E. Millizen, Administrative Supervisor.....	.....
(Salary under Research and Educational Hospitals)		
5. Nonacademic Salaries	H	\$131 370
Wages (includes 16 Nurses Aides, 4 Orderlies, 11 Residents, and overtime and student help).....		49 300
<i>Total, Salaries and Wages</i>		(180 670)

Expense and Equipment

Expense	5 200
<i>Total, Illinois Eye and Ear Infirmary</i>	\$185 870

LIBRARY

(Under the direction of the Director of the University Library)

Salaries and Wages

1. Wilma Troxel, Librarian and Assistant Professor of Li- brary Science	BY'	\$ 5 700
2. Metta M. Loomis, Librarian, <i>Emerita</i> (From Retiring Al- lowances)		(1 213)
3. Margaret M. Bates, Assistant Librarian, with rank of Instructor	DY	4 400
4. Lorena Clarke, Catalog Librarian, with rank of Instructor	DY	4 400
5. Mrs. Dorothea M. Wheeler, Pharmacy Reference Li- brarian, with rank of Instructor.....	DY	4 000
6. Elsie Bergland, Circulation and Reference Librarian, with rank of Instructor.....	DY	3 950
7. Caroline Riechers, Chief Librarian of Rush Medical Col- lege, with rank of Instructor.....		.....
(Salary under Rush-Presbyterian)		
8. _____, Cataloger, with rank of Assistant.....	DY	3 500
9. Nonacademic Salaries	H	16 248
<i>Total, Salaries</i>		(42 198)
Wages		2 080
<i>Total, Salaries and Wages</i>		(44 278)

Expense and Equipment

Expense	2 500
Equipment	1 500
Library Additions	20 000
<i>Total, Expense and Equipment</i>	(24 000)
<i>Total, Library</i>	\$ 68 278

Expendable Gift Funds

Estimated new projects and renewals.....	\$ 1 500
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Humanities

1. Jeanne E. Anderson, Senior Clerk-Stenographer.....	H	\$ 2 700
2. Martha M. Alexander, Junior Clerk-Stenographer.....	H	2 220
<i>Total, Humanities</i>		<u>\$ 4 920</u>

Mathematics

1. Shirley J. Johnson, Junior Clerk-Stenographer.....	H	\$ 2 160
<i>Total, Mathematics</i>		<u>\$ 2 160</u>

Physical Sciences

1. June L. Lowry, Junior Clerk-Stenographer.....	H	\$ 2 220
2. T. R. Allen, Storekeeper.....	H	3 060
3. Milton Canfield, Stores Clerk.....	H	2 430
4. F. R. Gatto, Storekeeper.....	H	2 820
<i>Total, Physical Sciences</i>		<u>\$ 10 530</u>

Social Sciences

1. Mrs. Betty R. Hoffing, Junior Clerk-Typist.....	H	\$ 1 980
<i>Total, Social Sciences</i>		<u>\$ 1 980</u>

ENGINEERING SCIENCES**Administration**

1. Helen V. Strano, Secretary.....	H	\$ 3 242
2. Mrs. Estelle Moss, Senior Clerk-Stenographer.....	H	2 580
3. Marguerite Aldrich, Junior Clerk-Typist.....	H	2 220
4. Elizabeth Wade, Junior Clerk-Typist.....	H	2 100
<i>Total, Administration</i>		<u>\$ 10 142</u>

Architecture and Art

1. Mrs. Helen M. Harron, Senior Clerk-Typist.....	H	\$ 2 460
<i>Total, Architecture and Art</i>		<u>\$ 2 460</u>

General Engineering Drawing

1. Mrs. Shirley M. Weber, Junior Clerk-Stenographer.....	H	\$ 2 160
<i>Total, General Engineering Drawing</i>		<u>\$ 2 160</u>

Physics

1. D. C. Huebner, Storekeeper.....	H	\$ 3 100
2. Mrs. Rose Turicchi, Junior Clerk-Stenographer.....	H	2 520
<i>Total, Physics</i>		<u>\$ 5 620</u>

Shop Laboratories

1. E. M. Szukala, Senior Laboratory Mechanic.....	H	\$ 3 600
2. G. W. Schulz, Tool Room Attendant.....	H	3 060
3. W. A. Wright, Junior Foundry Molder.....	H	3 090
4. Marie Rane, Junior Clerk-Typist.....	H	2 280
<i>Total, Shop Laboratories</i>		<u>\$ 12 030</u>

COMMERCE AND BUSINESS ADMINISTRATION

1. Vivian J. Moulden, Secretary.....	H	\$ 3 444
2. Marilyn M. Millard, Junior Clerk-Typist.....	H	2 100
<i>Total, Commerce and Business Administration</i>		<u>\$ 5 544</u>

PHYSICAL EDUCATION

1. Casimer J. Oleszkiewicz, Chief Clerk.....	H	\$ 2 871
2. Charles A. Gallagher, Men's Locker Room Attendant....	H	2 700
3. Patricia L. Hansen, Junior Clerk-Stenographer.....	H	2 040
4. Mrs. Charlye Williams, Women's Locker Room Attendant	H	2 301
5. _____, Junior Clerk.....	H	2 100
<i>Total, Physical Education.....</i>		<i>\$ 12 012</i>

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

1. Mrs. Mary Jane Cheney, Junior Clerk-Typist.....	H	\$ 2 220
<i>Total, Division of Special Services for War Veterans...</i>		<i>\$ 2 220</i>

ARMED FORCES

1. _____, Assistant to the Military Property Custodian.....	H	\$ 3 240
<i>Total, Armed Forces.....</i>		<i>\$ 3 240</i>

LIBRARY

1. Mrs. Emilie F. McClellan, Secretary.....	H	\$ 2 949
2. Marguerite Fukami, Chief Library Clerk.....	H	2 700
3. Mrs. Eugenia Posinski, Senior Library Clerk.....	H	2 520
4. Doris Flynn, Senior Library Clerk.....	H	2 520
5. Mrs. Rivian Chaikin, Junior Library Clerk.....	H	2 400
6. Mrs. Emma Zimmeroff, Junior Library Clerk.....	H	2 310
7. Mrs. Emily M. Tighe, Junior Library Clerk.....	H	2 310
8. Mrs. Gladys Sparge, Junior Library Clerk.....	H	2 310
9. Nathalie Carroll, Junior Library Clerk.....	H	2 310
10. Magdeline Kalodimos, Junior Library Clerk.....	H	2 310
11. Mrs. Ida Neiman, Junior Library Clerk.....	H	2 310
12. Robert W. Hartman, Junior Library Clerk.....	H	2 280
13. Gloria Lowenthal, Junior Library Clerk.....	H	2 250
14. Jean Lieber, Junior Library Clerk.....	H	2 220
<i>Total, Library.....</i>		<i>\$ 33 699</i>

PHYSICAL PLANT**Administration**

1. G. J. Miller, Assistant Superintendent of Buildings and Grounds.....	H	\$ 7 500
2. H. L. Mikolajczyk, Associate Architect.....	H ³³	2 100
(See Architecture and Art).....	B67	(4 100)
(Total Salary).....		(6 200)
3. J. T. Station, Assistant to Superintendent of Buildings and Grounds.....	H	4 800
4. Mary E. Mauk, Junior Accountant.....	H	3 780
5. Mrs. Anna R. Buchman, Senior Clerk-Stenographer.....	H	2 820
6. Mrs. Clara Kosirog, Senior Office Appliance Operator....	H	2 520
7. Mrs. Margueritte Miler, Junior Payroll Clerk.....	H	2 700
8. Mrs. Dora H. Wrobel, Junior Clerk-Stenographer.....	H	2 640
9. Anna M. Danno, Junior Clerk-Typist.....	H	2 340
10. R. A. Schust, Junior Clerk-Typist.....	H	2 220
<i>Total, Administration.....</i>		<i>\$ 33 420</i>

Building Operation

1. H. V. Crain, Assistant Superintendent of Operations.....	H	\$ 4 800
2. C. A. Anderson, Janitor Foreman.....	H	(3 900) ¹

¹ From Physical Plant Labor.

3. Peter Hennip, Janitor Foreman.....	H	(3 660) ¹
4. T. S. Ziebel, Laborer Crew Leader.....	H	(3 279) ¹
5. Leonard Woods, Janitor Crew Leader.....	H	(2 967) ¹
6. Claude Fisher, Janitor Crew Leader.....	H	(3 072) ¹
7. _____, Janitor Crew Leader.....	H	(3 072) ¹
8. William Reynolds, Janitor Crew Leader.....	H	(3 072) ¹
<i>Total, Building Operation.....</i>		<i>\$ 4 800</i>

Police and Watchmen

1. C. F. Schar, Superintendent of Fire Prevention and Safety	H	\$ 5 400
2. P. T. McEnery, Police Captain.....	H	4 020
3. George Frost, Police First Lieutenant.....	H	3 600
<i>Total, Police and Watchmen.....</i>		<i>\$ 13 020</i>

Building Maintenance

1. R. H. Laycock, Supervisor of Building Craftsmen.....	H	\$ 6 000
2. N. R. Lohan, Routing Supervisor.....	H	3 780
3. G. H. Sandrock, Storekeeper.....	H	3 072
4. R. E. Jensen, Carpenter Foreman.....	H	(5 508) ¹
5. P. D. Miller, Plumber-Steamfitter Foreman.....	H	(5 508) ¹
6. H. G. Brunner, Electrician Foreman.....	H	(5 610) ¹
<i>Total, Building Maintenance.....</i>		<i>\$ 12 852</i>

Heat, Light, and Power

1. B. M. Briggs, Chief Plant Operating Engineer.....	H	\$ (6 540) ¹
<i>Total, Heat, Light, and Power.....</i>		<i>\$ (6 540)</i>

Telephone and Information

1. Mrs. Anne Walker, Chief Switchboard Operator.....	H	\$ 2 550
2. Anne Nisley, Information Clerk.....	H	2 202
3. Mrs. Mary Genaze, Junior Account Clerk.....	H	2 280
<i>Total, Telephone and Information.....</i>		<i>\$ 7 032</i>

Food Service**Auxiliary Enterprises**

1. Margaret Johnson, Chicago Illini Union Manager.....	H60	\$ 3 542
(See Chicago Illini Union).....	H40	(2 362)
(Total Salary).....		(5 904) ²
2. Mrs. Adeline Sladek, Food Production Manager.....	H	3 450 ²
3. Dorothy Deeken, Senior Account Clerk.....	H	2 904 ²
4. Mrs. Ann Walko, Dining Room Supervisor.....	H	2 520 ²
5. Mrs. Ellen Leevy, Fountain Supervisor.....	H	2 550 ²
<i>Total, Food Service.....</i>		<i>\$ 14 966</i>

¹ From Physical Plant Labor.² Also furnished one meal a day while on duty, valued at \$96 a year, for the convenience of the employee.

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

September 29, 1950



The September meeting of the Board of Trustees of the University of Illinois was held at the Country Club of Peoria, in Peoria, Illinois, on Friday, September 29, 1950, beginning at 11 o'clock a.m., Central Standard Time, according to the following schedule:

11:00 a.m. — Executive session, Committee of the Whole.

1:30 p.m. — Open session.

The following members were present: President Williamson, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mrs. Watkins.

President Stoddard was present; also Provost C. R. Griffith, Vice-President A. C. Ivy, Comptroller Lloyd Morey, Mr. H. O. Farber, Assistant Comptroller, J. F. Wright, Director of Public Information, Mr. J. E. Ewers, Security Officer, and Mr. A. J. Janata, Secretary of the Board.

EXECUTIVE SESSION

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee of the Board of Trustees submitted the following record of its transactions at a meeting of the Committee held in Chicago on August 29, 1950.

MEETING OF THE EXECUTIVE COMMITTEE

AUGUST 29, 1950

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at 1 p.m. on Tuesday, August 29, 1950, at the University Club, 76 East Monroe Street, Chicago.

Mr. Kenney E. Williamson, Chairman, and Mr. Park Livingston, members of the Executive Committee, were present; also Dr. George D. Stoddard, President, and Mr. H. O. Farber, Assistant Comptroller, who acted as Clerk.

Mr. Walter W. McLaughlin, who was unable to attend, reported that he had examined the agenda of business sent by the President's Office of the University to members of the Committee in advance and that he approved all items.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Executive Committee considered the following recommendations and reports presented by President Stoddard.

LEAVE OF ABSENCE FOR PROFESSOR WILLIAM H. SCHEICK

(1) Professor William H. Scheick, Director of the Small Homes Council, was granted leave of absence without pay for the year 1949-1950 for service as Executive Director of the Building Research Advisory Board of the National Research Council. He spent the year organizing the "Building Research Advisory Board" and initiating research projects.

At the urgent request of the Chairman of the Council, I have authorized the extension of Professor Scheick's leave of absence without pay for one year, beginning September 1, 1950, and request confirmation of this action.

On motion of Mr. Livingston, the extension of this leave of absence was approved.

CANCELLATION OF LEAVE OF ABSENCE FOR CLARETA WALKER

(2) Miss Clareta Walker, Assistant Professor of Rural Youth in Home Economics Extension, was given sabbatical leave of absence on one-half pay for the academic year, beginning September 1, 1950. She has requested, partly for the convenience of the University and partly because of changes in her personal plans, that her leave be deferred.

I recommend that it be canceled without prejudice as to a future leave.

On motion of Mr. Livingston, this leave was cancelled without prejudice as to a future leave.

LEAVE OF ABSENCE FOR PROFESSOR JOHN M. KUYPERS AS DIRECTOR OF THE SCHOOL OF MUSIC

(3) In accordance with his request of August 16, 1950, I recommend that Professor John M. Kuypers be granted a leave of absence from the Directorship of the School of Music for one year beginning September 1, 1950. He would retain his professorship, without change of salary for the coming year.

I recommend also that Professor Duane A. Branigan serve as Acting Director of the School of Music for one year beginning September 1, 1950,

and Professor of Music on indefinite tenure, with a suitable adjustment in salary for the year as determined by the President of the University. Professor Branigan has served before as Acting Director of the School.

On motion of Mr. Livingston, these recommendations were approved.

RELEASE OF POTENTIALLY PATENTABLE DISCOVERIES

(4) Professor C. S. Marvel of the Department of Chemistry reports some potentially patentable discoveries relating to the reaction between dithiols and unconjugated diolefins which result from research work done by former graduate students working under him and are described in the doctoral theses by P. H. Aldrich (1949) and P. D. Caesar (1950), as follows: (1) the preparation of polyalkylene sulfides from aliphatic dithiols and unconjugated diolefins in various types of emulsions in the presence of free radical initiators; (2) the high molecular weight orientable polyalkylene sulfides thus obtained; (3) the reaction of aromatic dithiols and unconjugated diolefins to give polyarylene-alkylene sulfides which can also be achieved in emulsion in the presence of free radical initiators; (4) the use of an unreactive solvent such as benzene or methanol to give better emulsions when an aromatic dithiol is a reaction constituent; and (5) the polyarylene-alkylene sulfides as new products.

Professor Marvel states that there is some domination of this field by a patent issued to D. D. Coffman but the improvements described above seem to be fundamental in getting usable polymers in this field.

Professor Roger Adams, Head of the Department of Chemistry, has expressed doubts that it will be advisable for the University to take over the possible patentable material in this field in view of the dominating position of Coffman. On the basis of his report, the University Research Board recommends that the discoveries be released to the discoverers.

I concur.

On motion of Mr. Livingston, these discoveries were released as recommended.

PATENT APPLICATION ON NEW COMPOSITIONS AND STRUCTURES OF REFRACTORIES

(5) Professor Ralph L. Cook of the Department of Ceramic Engineering reports the development of new compositions and structures of refractories which are particularly suitable for the lining of enamel smelters. This is a result of research work financed by the Chicago Vitreous Enamel Product Company of Cicero, Illinois, the Ferro Enamel Corporation of Cleveland, Ohio, and Pemco Corporation of Baltimore, Maryland, under a cooperative investigation entitled "the development and investigation of refractories for enamel smelter operation, with particular emphasis on those required for low temperature enamels" by the Engineering Experiment Station.

The cooperating companies request that the University undertake the patenting of this development, the expenses to be paid by them. This conforms to University policy relating to such matters.

The University Research Board recommends that a patent be secured in the name of the University.

I concur.

On motion of Mr. Livingston, this application was authorized as recommended.

FEES FOR POSTGRADUATE COURSES

(6) The Dean of the College of Dentistry and the Comptroller recommend, the Provost concurring therein, that the following schedule of fees be established for postgraduate courses in the College of Dentistry and that these fees be uniform for both residents and nonresidents of Illinois:

Twelve-week refresher program (three months).....	\$150 00
One-week units.....	25 00
Two-, three-, or four-week units.....	50 00

Short lecture and demonstration courses

Evening courses.....	25 00
One- or two-day (television).....	25 00
Postgraduate program, per month.....	50 00

This is the same as the present schedule of fees charged nonresidents of Illinois. Residents are charged one-half of the stated fees, but in the judgment of officials of the College of Dentistry this is too low and they believe there should be no differential in fees charged for these self-sustaining professional programs.

I recommend approval.

On motion of Mr. Livingston, these fees were authorized.

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

(7) The Governor has approved the following releases of funds from appropriations made to the University of Illinois for 1949-1951 for buildings and other capital improvements.

Release No. 32

"For Permanent Improvements at Urbana-Champaign — Construction of agricultural structures and remodeling present agricultural buildings".....\$270 000
This is a partial release from an appropriation of \$290,000. The Governor has previously released (Release No. 9) \$20,000 for architectural and engineering services for this project. The funds now released are for the construction of agricultural structures and remodeling present agricultural buildings at Urbana-Champaign.

Release No. 33

"For Contingencies to cover expenditures for purposes for which the amount in any item above enumerated is, or becomes insufficient"... 15 000
This is a partial release from an appropriation of \$250,000 and the \$15,000 released is to supplement Release No. 32 for the construction of agricultural structures and remodeling present agricultural buildings.

Release No. 34

"For Contingencies to cover expenditures for purposes for which the amount appropriated in any item above enumerated is, or becomes insufficient"..... 200 000
This is a partial release from an appropriation of \$550,000 and the \$200,000 now released is to supplement Release No. 29 for the acquisition of land for the extension of the campus at Urbana-Champaign.

Release No. 35

"For Permanent Improvements at Chicago — Construction of Utility Distribution System and remodeling of existing buildings"..... 31 705
This is a partial release from an appropriation of \$190,000. The Governor has previously released (Releases Nos. 10, 26, and 28) \$56,087 from this appropriation and also (Release No. 21) \$97,790 from the appropriation of \$550,000 for "Contingencies" for the remodeling of quarters for the Department of Biological Chemistry in the Dentistry, Medicine, and Pharmacy Building in Chicago. The funds now released are for the extension of the electrical distribution system.

Release No. 36

"For Permanent Improvements at Urbana-Champaign — Additions to Power and Heating Plant and remodeling of existing buildings"... 181 078
This is a partial release from an appropriation of \$1,215,000. The Governor has previously released (Releases Nos. 6, 13, 16, 24, and 30) \$804,344 for various parts of the addition to the Power Plant,

and released (Releases Nos. 14 and 23) \$150,000 for remodeling in the William Albert Noyes Laboratory of Chemistry. The funds now released are for (1) erection of turbine generator (\$7,000), (2) furnishing and installation of steam, water, condensate, compressed air, turbine oil, fuel piping and equipment (\$104,289), (3) construction of brick chimney (\$56,500), (4) insulation of all piping for the new turbine generator (\$9,789), and (5) allowance for adjustment (\$3,500).

Release No. 37

"For Permanent Improvements at Urbana-Champaign — Construction of extensions to the Utility Distribution Systems"..... 110 000
This is a partial release from an appropriation of \$375,000. The Governor has previously released (Release No. 12) \$40,000 for architectural and engineering services in connection with this project. The funds now released are for (1) modernization of transformer vaults at Davenport Hall and the Natural History Building (\$18,778), (2) electrical distribution system cable, load center equipment and miscellaneous work incidental to construction of the Animal Sciences Laboratory and the Veterinary Medicine Building (\$79,248), and (3) for supplementary labor (approximately \$12,000).

I recommend that these funds be appropriated by the Board for the purposes indicated.

On motion of Mr. Livingston, these funds were appropriated, as recommended, by the following vote: Aye, Mr. Livingston, Mr. Williamson; absent, Mr. McLaughlin.

CONTRACT FOR STEAM SERVICE

(8) Bids have been received for the extension of steam service to the Animal Sciences Laboratory.

The Director of the Physical Plant and the Comptroller recommend the award of a contract in the amount of \$13,956 to Gallaher and Speck, Inc., Chicago, the lowest bidder.

Funds are available in the state appropriation for the "Construction of Animal Sciences Laboratory" and have been released by the Governor.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Livingston, this contract was awarded as recommended.

APPROPRIATIONS FOR THE COLLEGE OF AGRICULTURE

(9) The Dean of the College of Agriculture and the Comptroller recommend that the following appropriations be made from accumulated agricultural income which has been reserved for agricultural purposes.

One truck for the Department of Animal Science.....\$2 160

(The Swine Division is the only production division in the Animal Science Department not motorized. The addition of a truck will enable workers to accomplish their tasks in less time and with fewer trips. It is planned to purchase a heavy four-wheel drive truck, platform bed type, equipped with hydraulic hoist that can also be used for pulling posts and other similar jobs in the erection of fences.)

Construction of a concrete feed lot south of the Beef Cattle Scale House 2 800

Total\$4 960

I concur.

On motion of Mr. Livingston, these appropriations were made, as recommended, by the following vote: Aye, Mr. Livingston, Mr. Williamson; absent, Mr. McLaughlin.

APPROPRIATION AND AWARD OF CONTRACTS FOR HUFF GYMNASIUM IMPROVEMENTS

(10) The Committee on Nonrecurring Appropriations recommends an appropriation of \$81,175 for improvements in the George Huff Gymnasium. Bids on this work have been secured. I recommend that this appropriation be made and that the Comptroller and the Secretary of the Board be authorized to execute contracts with the lowest bidders as follows:

General work—C. A. Petry & Sons, Champaign.....	\$48 470
Electrical work—Brunkow Electric Company, Champaign.....	1 900
Plumbing and heating work—Reliable Plumbing and Heating Company, Champaign.....	8 838
Ventilation work—Schroeder's Ventilating Company, Champaign.....	2 320
<i>Sub-total</i>	(61 528)
<i>Other expenditures to be made from this appropriation:</i>	
Architectural and engineering services.....	\$ 4 300
Equipment	7 060
Installation of equipment.....	4 400
Moving of equipment, cleaning up of remodeled quarters, and contingencies	3 887
<i>Sub-total</i>	(19 647)
<i>Total</i>	\$81 175

The report from the Physical Plant Department, giving details of these improvements and schedules of all bids received, is submitted herewith.

On motion of Mr. Livingston, this appropriation was made and authority was given, as recommended, by the following vote: Aye, Mr. Livingston, Mr. Williamson; absent, Mr. McLaughlin.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(11) The Committee on Nonrecurring Appropriations recommends that an assignment of \$12,800 be made from the General Reserve Fund for (1) remodeling in Bevier Hall, \$9,500, and (2) purchase of furniture and equipment, \$3,300—both for the Department of Home Economics.

I concur.

The request for this assignment of funds has been carefully studied by the Committee on Nonrecurring Appropriations. The report of the Committee, giving details on this item, is submitted herewith.

On motion of Mr. Livingston, these appropriations were made, as recommended, by the following vote: Aye, Mr. Livingston, Mr. Williamson; absent, Mr. McLaughlin.

PURCHASES

Purchases Authorized

(12) The following purchases were authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
15,000 copies each of two dental charts in two colors	Postgraduate Studies, Extension Division	Neely Printing Co., Inc., Chicago	\$2 029 00 delivered
165 each ten contact relays	Electrical Engineering Research	C. P. Clare Co., Chicago	1 074 88 f.o.b. Chicago
38,000 lbs. No. 1 halftone newsprint	Alumni Association	Duckett Paper Co., Champaign	2 979 20 f.o.b. Chicago
Creative textiles quality B-8 pattern V-53/A rugs as follows: two 21' x 27' 2"; one 21' x 15' 1"; one 6' x 78'; three 6' x 19'	Illini Union	Carson Pirie Scott & Co., Chicago	5 897 40 f.o.b. Urbana

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
455 sq. yds. Bigelow-Sanford "Gropoint" (or equal) carpet to be laid in fourteen guest rooms in the Illini Union	Illini Union	Carson Pirie Scott & Co., Chicago	5 315 22 (approximate)
62,336 pounds (approximately) of forgings made of .15 maximum carbon steel, untreated, black forged on top and bottom faces	Physics	Bethlehem Steel Co., Chicago	5 206 72 f.o.b. Bethlehem, Pa.
600 cases bleached 10 $\frac{1}{4}$ x 13 $\frac{1}{4}$ paper towels	Physical Plant	S. V. Cain, Inc., Danville	3 274 42 f.o.b. delivered
600 cases bleached 4 $\frac{1}{2}$ x 4 $\frac{1}{2}$ 10# manila toilet tissue	Physical Plant	Schwarz Paper Co., Peoria	4 200 00 delivered
40,000 copies extramural credit courses for teachers and librarians, 24 pages (self cover) size 4" x 8 $\frac{1}{2}$ " to be printed on 70 lb. offset	Division of University Extension	Howard Co., Peoria	1 204 00 f.o.b. Urbana
One Warburg apparatus aminco, circular, 20 unit; two extra mercury thermoregulators; one Warburg apparatus aminco, rectangular, 14 unit	Bacteriology	American Instrument Co., Silver Spring, Md.	2 090 50 f.o.b. Urbana

On motion of Mr. Livingston, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 1CA2 Link trainer and panorama	Psychology	Link Aviation, Inc., Binghamton, N.Y.	\$22 960 82
One high-speed oscilloscope, 1000 cycles to 100 megacycles, 24 kilovolt accelerating potential	Physics	James E. Everett Co., Evanston	3 500 00 f.o.b. Portland, Ore.
One standard signal generator	Physics	General Radio Co., Chicago	1 350 00 f.o.b. Cambridge, Mass.
Five steel storage bins 48" wide x 24" deep x 8'3" high	Chemistry	W. B. Read & Co., Bloomington	1 377 04 delivered and erected
29 steel storage bins 36" wide x 24" deep x 8'3" high			
Two steel storage bins 36" wide x 22" deep x 39" high	Geology	W. H. Kessel & Co., Chicago	3 177 00 f.o.b. Urbana
Five microscopes, petrographic Leitz model 111 M, achromatic objectives 3.2X, 10X and 45X, complete with accessories and case			
One microscope, petrographic Leitz CMU type 3.2X, 6X, 10X, 25X and 45X achromatic objective, 8X Huyghenian eyepiece, complete with accessories, case and engraving	Geology	W. H. Kessel & Co., Chicago	1 284 50 f.o.b. Urbana
1,809 mineral specimens	Geology	Ward's Natural Science Establishment, Inc., Rochester, N.Y.	1 428 61 f.o.b. Urbana
25,000 Illinois farm record books to be printed by offset in accordance with specifications	Agricultural Economics	Howard Co., Peoria	2 320 00 f.o.b. Urbana
One Shorthorn bull and one Hereford bull for University purebred herd	Animal Science		4 000 00 (estimated)
One Willys truck with platform stake bed and equipped with heater and defroster, mud grip directional tread tires, and hydraulic hoist (installed)	Animal Science, Special Equipment	Reeder Auto Sales, Champaign	1 968 46 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One Piper Pacer, P.A. 20, model 125 V.H.F. radio and shielding navigation, panel and landing lights, rear seat heater, Sensnich prop fairing kit, spinner painted according to specifications	Institute of Aviation	Illini Airport, Urbana	3 629 04 delivered
One Ford tractor, 1950 model, complete with heavy duty bucket loader with hydraulic control and rear mount utility blade with hydraulic control	Institute of Aviation	Dana Hudelson, Inc., Champaign	1 750 00 delivered
234 dozen glass hypodermic syringes engraved "Property of University of Illinois Chicago"	Chicago Professional Colleges, General Stores	Will Ross, Inc., Park Forest	3 219 35 net delivered
36 dozen one cc. vaccine syringes	Chicago Professional Colleges, General Stores	Arista Surgical Supply Co., New York	363 60 f.o.b. New York (delivery cost will not exceed \$10)
Shenango china, pattern No. 6521, color 22 ivory (50 doz. 7" dinner plates; 59 doz. 6" salad plates; 94 doz. tea cups; 25 doz. saucers; 25 doz. oatmeal bowls; 50 doz. fruit dishes)	Residence Halls	Arthur Schiller & Son, Chicago	1 898 90 f.o.b. Urbana
17 Coca-Cola vending machines	Illini Union	Champaign Coca Cola Bottling Co. Employees Council Physical Plant Council Total	3 224 29 1 781 97 546 74 (5 553 00)
6,000 board feet of B and better northern white pine (Pinus Strobus) rough, kiln dried, 6" and wider by 10'-16' lengths as follows: 3000' of 1", 3000' of 2"	Physical Plant	Foster Lumber Co., Milwaukee, Wis.	2 085 00 f.o.b. cars Milwaukee, Wis.
2,000 board feet of 2" birch lumber FAS, rough kiln dried	Physical Plant	Elliott Lumber Co., Danville	3 150 00 f.o.b. Urbana
3,000 board feet of 1"-6" and wider by 10'-16' lengths			
5,000 board feet of 1" x 6" T&G—B and better, edge grain, clear fir flooring 12'-16' lengths			
Visible record file cabinets complete with steel hinge pockets for approximately 2,700 cards, and steel stands to support the cabinets	Physical Plant (for Information Office in the Illini Union Building)	Acme Visible Records, Inc., Chicago	2 198 86 f.o.b. Urbana
300 tons (approximate) southern Illinois stoker coal, oil treated	Physical Plant (coal for various residence properties occupied by University departments)	LeBaugh Coal Co., Urbana	2 805 00
25 tons (approximate) southern Illinois lump coal		B. C. Beach & Co., Champaign	248 25
100 reams 22 x 34, 40 lb., 25% rag bond, white, opaqued, short grain paper	Office Supply Store	J. W. Butler Paper Co., Chicago	2 919 91 f.o.b. delivered
100 reams 22 x 34, 32 lb., 25% rag bond, white, opaqued, short grain paper			
100 reams 22 x 34, 26 lb., 25% rag bond, white, opaqued, short grain paper			
30 reams 24 x 38, 39 lb., 25% rag bond, white, opaqued, short grain paper			
30 reams 24 x 38, 49 lb., 25% rag bond, white, opaqued, short grain paper			
To be watermarked "University of Illinois"			

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
80 reams 22 x 34, 32 lb., No. 4 sulphite bond, white, short grain paper	Office Supply Store	Bradner Smith & Co., Chicago	2 160 87 f.o.b. delivered
24 reams 24 x 38, 39 lb., No. 4 sulphite bond, white, short grain paper			
75 reams 22 x 34, 40 lb., No. 4 sulphite bond, white, short grain paper			
304 reams 22 x 34, 32 lb., No. 4 sulphite bond, various colors, short grain paper			
30 reams 24 x 38, 39 lb., No. 4 sulphite bond, various colors, short grain paper			
150 reams 22 x 34, 40 lb., 100% rag bond, white paper	Office Supply Store	Dwight Bros. Paper Co., Chicago	3 509 20 f.o.b. delivered
40 reams 22 x 34, 32 lb., 100% rag bond, white paper			
50 reams 22 x 34, 26 lb., 100% rag bond, white paper			
To be watermarked with University of Illinois seal, not localized			
Dismantle, transport to Allerton Park Tower Site, and erect one Blaw Knox H40—350 foot steel tower, including one federal square loop FM antenna with dual coaxial cable and lighting system	Radio Station	BDN Steel Erecting Co., Chicago	12 600 00
700 No. 5687 Tung-Sol tubes JAN-1A inspected	Graduate College Computer	Tung-Sol Lamp Works, Inc., Newark, N.J.	2 625 00 f.o.b. Newark, N.J.
65 yearling feeder heifers to be used in project No. 1143	Animal Science		12 500 00 (estimated)
36,367 board feet of number one kiln dried fir lumber, S4S, square end trimmed with eased edges	Physical Plant Storeroom	Long Lumber Co., Champaign	4 909 55 f.o.b. cars, Champaign
One new 1950 pickup truck complete with oil bath air cleaner, oil filter, heater and defroster, directional turning lights and spare tire and wheel; this truck will replace vehicle No. 206, 1942 Chevrolet ½ ton panel truck, which will be traded in	Physical Plant	Dana Hudelson, Inc., (Ford), Champaign	1 269 14 delivered
Two new 1950 station wagons (Ford V-8, Chevrolet, or Plymouth) including oil bath air cleaner, oil filter, fresh air heater and defroster and spare tire and wheel; these vehicles will replace vehicles No. 234, 1948 Ford station wagon, and No. 248, 1947 Ford station wagon, which will be traded in	Physical Plant	Noble Motor Co. (Ford), Danville	2 101 20 delivered
One new 1950 DeSoto, suburban model, nine passenger, complete with fresh air heater and defroster, oil bath air cleaner, oil filter, luggage rack and spare tire; this automobile will replace vehicle No. 201, 1947 DeSoto suburban, which will be traded in	Physical Plant	Lloyd Eichhorst, Inc., Champaign	2 300 00 delivered
One new 1950 pickup truck complete with oil bath air cleaner, oil filter, heater and defroster, directional turning lights and spare tire and wheel; this truck will replace vehicle No. 265, 1940 Chevrolet ¾ ton pickup truck, which will be traded in	Physical Plant	Kap Chevrolet Co., Monticello	1 133 70 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Furnish necessary labor and tools to place in the Physics Research Laboratory, as directed, a bias reactor weighing 16 tons and a motor generator set weighing 11 tons—this work to be done on the basis of quoted rates. The bias reactor is to be moved from present position on laboratory floor to mezzanine floor elevation of approximately 5' 7" and placed on sliding track assembly. The motor generator set is to be removed from railroad car and placed inside laboratory. There may be other minor jobs requested that can not be stated at this time. However, the work requested under this contract is not to exceed \$3,000.	Physics	Shea-Matson Co., Chicago	Not in excess of 3 000 00
600 83-2R receptacles; 950 83-2SP plugs	Electrical Engineering	Allied Radio Corp., Chicago	2 364 00 f.o.b. Urbana
Eight pieces Interferometer glass (special) finished as per specifications outlined by Aeronautical Engineering Department	Aeronautical Engineering	Optron Laboratory, Dayton, Ohio	3 650 00 f.o.b. Urbana
250 (approximate) uniforms for ground forces R.O.T.C., advanced students for the year 1950-1951; 60 (approximate) uniforms for Air Force R.O.T.C., advanced students for the year 1950-1951	Military	Associated Military Stores, Chicago	22 881 00 (approximate)
Painting and minor repairs of buildings on eight Allerton farms	Agricultural Economics	Kayser Bros., Decatur	5 934 28
Building materials for house for academic staff member, house to be constructed at Dixon Springs Experiment Station, Robbins, Illinois	Agricultural Administration	To be selected by representatives of the College of Agriculture from the building material suppliers in the area, on a bid basis, the low bid to be accepted when materials are available from more than one source	Not to exceed 4 000 00

On motion of Mr. Livingston, these purchases were authorized as recommended.

CONTRACT FOR FIRE ALARM EVACUATION SIGNAL SYSTEMS

(13) Bids have been received for the installation of fire alarm evacuation signal systems in the University High School, University High School Gymnasium, Men's Residence Hall, Illini Union Building, and McKinley Hospital.

Funds are available in the Physical Plant renewal and replacement appropriations for the cost of installation in the University High School, University High School Gymnasium, and the McKinley Hospital. The cost of the installation in the Illini Union Building will be paid from funds appropriated for this purpose and the cost of the installation in the Men's Residence Halls will be financed by a transfer of surplus arising from Busey and Evans Hall operations. This improvement is a part of the general program recommended by the University Safety Committee.

The Director of the Physical Plant and the Comptroller recommend the award of a contract in the amount of \$10,600 to the Leverenz Electric Company, Danville, the lowest bidder. The total cost of the project including the repair of plaster and paint damaged by the installation is estimated at \$12,300.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Livingston, this contract was awarded and authority was given as recommended.

CONTRACT FOR SPRINKLER SYSTEM IN MCKINLEY HOSPITAL

(14) Bids have been received for the installation of a sprinkler system in McKinley Hospital which is a part of the safety and fire protection program recommended for the Hospital.

The Director of the Physical Plant and the Comptroller recommend the award of a contract in the amount of \$1,950 to the Reliable Plumbing and Heating Company, Champaign, the lowest bidder.

Funds are available in the Physical Plant renewal and replacement budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Livingston, this contract was awarded and authority was given as recommended.

**ADDITION TO CONTRACT FOR ELECTRICAL WORK
IN DAVENPORT HALL**

(15) On July 25, 1950 (Minutes, page 25), the Board of Trustees authorized a contract with the Anderson Electric Company of Danville for electrical work in connection with transformer vault modernization in Davenport Hall. This modernization would increase the capacity of the transformer to 300 kva.

Drawings and specifications for the Radio Carbon Laboratory for remodeling in this building are now nearly complete and the demand of this laboratory for electrical current has indicated that there will be an additional 150 kva load to the electrical system of the building. The architects have checked two alternatives of (1) increasing the size of the planned new transformer bank or (2) providing a separate transformer installation for the Radio Carbon Laboratory. The first alternative can be completed at a cost of \$5,000 as compared with \$7,500 for the second alternative and will result in greater flexibility with respect to loads being handled.

The Director of the Physical Plant and the Comptroller recommend an addition of \$5,000 to the contract with Anderson Electric Company to provide for this increased capacity.

I concur.

On motion of Mr. Livingston, this addition was approved.

REMODELING FOR BACTERIOLOGY

(16) On July 25, 1950 (Minutes, page 23), the Board of Trustees approved an appropriation of \$22,225 for remodeling in Noyes Laboratory for the Department of Bacteriology.

The program provided that the remodeling work would be done by the University's Physical Plant Department. However, since the project was approved in the summer months when the routine maintenance work of the Physical Plant Department is at its peak, it is impossible for the Physical Plant Department to complete this remodeling by the time desired by the academic department.

To save time, the Director of the Physical Plant and the Comptroller recommend that this work be handled as an addition to the contracts awarded for the remodeling of the fifth floor of the Natural History Building. Competitive bids were received for the latter project on a cost basis and contracts with the low bidders were approved by the Board of Trustees on September 29, 1949 (Minutes, page 810). This plan will result in estimated total additions to the following contracts with payments to be based on the percentages indicated.

<i>Contractor</i>	<i>Material</i>	<i>Labor</i>	<i>Sub-contract</i>	<i>Estimated Total</i>
General work—E. N. DeAtley, Champaign.....	15%	20%	10%	\$10 425
Electrical work—Potter Electric Company, Urbana.....	20%	20%	10%	1 700 . .
Plumbing and heating work—Reliable Plumbing and Heating Co. Champaign.....	25%	25%	10%	5 000

The estimates for these phases of the remodeling work indicate that the total project cost will exceed the funds appropriated by the Board on July 25 by \$4,000. An additional appropriation of this amount is required.

I recommend that the Board of Trustees appropriate an additional \$4,000 for remodeling in Noyes Laboratory for the Department of Bacteriology and that the Comptroller be authorized to execute these changes in the contracts.

On motion of Mr. Livingston, this additional appropriation was made and authority was given, as recommended, by the following vote: Aye, Mr. Livingston, Mr. Williamson; absent, Mr. McLaughlin.

APPROPRIATION FOR FIRE LOSS IN VETERINARY PATHOLOGY LABORATORY

(17) A fire occurred in the Veterinary Pathology Laboratory on August 18 which resulted in damage to the building and equipment. The University does not budget funds for fire losses, and it is necessary that an appropriation be made from the General Reserve Fund of the University to replace the equipment and repair the building.

I recommend an appropriation of \$5,750 for this purpose.

On motion of Mr. Livingston, this appropriation was made, as recommended, by the following vote: Aye, Mr. Livingston, Mr. Williamson; absent, Mr. McLaughlin.

REVISED CATTLE FEEDING PROGRAM FOR WRIGHT FARMS, 1950-1951

(18) The Board of Trustees on June 22, 1950 (Minutes, page 1185) approved a program for the purchase of feeding cattle for Wright Farm No. 4 in DeKalb County for the year 1950-1951. This program provided for the feeding of light calves.

The hay and grass silage available is greater than had been expected and is more than would be required under the program as approved. Also, the uncertainties of the market make the longer feeding periods necessary for lighter calves less desirable than shorter feeding periods with cattle of heavier initial weights. Because of these factors, a revised program has been drawn up which provides for cattle of heavier initial weight and for more cattle. The initial cost will be greater but the feeding period will be materially shorter for each lot making a more rapid turnover of the money invested. The amount of grain will be about the same with the two programs but more roughage will be used under the revised program.

Revised Program

<i>Buying Period</i>	<i>Number</i>	<i>Kind</i>	<i>Average Weight</i>	<i>Price per Hundred-weight</i>	<i>Total Cost</i>	<i>University Share</i>
August-September	44	Yearling heifers	647	\$28 25	\$ 8 014 07	\$ 4 007 04
October	40	Yearling steers	625	26 50	6 625 00	3 312 50
December-January	40	Heavy calves	550	30 00	6 600 00	3 300 00
Total	124				\$21 239 07	\$10 619 54

The Director of Purchases, the Comptroller, and Professor J. B. Andrews of the College of Agriculture, request authority to purchase feeding cattle substantially in accordance with the above revised schedule. All said purchases will be reported to the Board of Trustees and will be paid from Wright Farms Operation Income, purchases to be made on the basis of current market prices when suitable stock is available.

I concur.

On motion of Mr. Livingston, authority was given, as recommended, by the following vote: Aye, Mr. Livingston, Mr. Williamson; absent, Mr. McLaughlin.

CONTRACT FOR UTILITIES DISTRIBUTION SYSTEM

(19) One bid has been received for the construction of concrete duct runs as a part of the expansion of the Utilities Distribution System. Only one bid was received although nine contractors were specifically invited to bid and advertisements appeared in the *Chicago Tribune* and the *St. Louis Post-Dispatch*. The bid was submitted by E. N. DeAtley, Champaign, in the amount of \$41,000.

The Director of the Physical Plant and the Comptroller recommend the award of a contract to E. N. DeAtley in the amount of \$41,000 since the contract must be awarded soon in order to insure completion before the end of the biennium, the bid has been reviewed and appears reasonable, there is no assurance that additional bidders will be interested if new bids are requested, and the Physical Plant Department is unable to undertake the work with its present staff and facilities.

Funds are available in the state appropriation for buildings subject to the release by the Governor.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute a contract with E. N. DeAtley in the amount of \$41,000 subject to the release of funds by the Governor.

On motion of Mr. Livingston, this contract was awarded and authority was given as recommended.

The Executive Committee adjourned.

H. O. FARBER

Clerk

KENNEY E. WILLIAMSON

Chairman

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following recommendations and reports presented by President Stoddard.

PATENT COVERING PRODUCTS OF STREPTOMYCIN

(1) In his research work on antibiotic substances, Professor Herbert E. Carter of the Department of Chemistry developed certain degradation products of streptomycin known as streptidine and streptamine. This research program has been financed for many years by grants from Abbott Laboratories, Eli Lilly and Company, Parke Davis and Company, and the Upjohn Company. The University is the assignee of an application for a patent by Professor Carter covering streptidine and streptamine. The patent application has been handled by the attorneys for Parke Davis and Company which has paid the costs.

Attorneys for Parke Davis and Company report there is interference with this patent by applications on discoveries in the same field by Merck and Company and E. R. Squibb and Sons. The chemists for these firms were working in the same field and at the same time as Professor Carter and his associates. The two groups, working independently, made the same discoveries. Professor Carter reports that it is now obvious that Merck and Company was ahead of him by several months and he is willing to concede priority. Since his application has been assigned to the University, it is necessary that the Board of Trustees consent to the concession of priority. Professor Carter recommends that this be done and I concur.

On motion of Dr. Meyer, the Board consented to this concession of priority.

**PATENT APPLICATION ON INSTRUMENT FOR MEASUREMENT
AND CONTROL OF MAGNETIC FIELDS**

(2) Dr. E. L. Hahn, Research Associate in the Department of Physics, has devised what seems to be a novel instrument for the precise measurement and control of magnetic fields. It is based on the so-called principle of nuclear magnetic

resonance. The phenomenon involved is a resonance between the frequency of oscillation of a magnetic field applied to a sample, and the natural precessional frequency of an atomic nucleus in a constant external magnetic field.

This phenomenon has been applied by others to the measurement and regulation of magnetic fields, but in Hahn's embodiment of this idea the alternating magnetic field is generated by a novel method that presents advantages of simplicity and compactness.

It is possible that this device is patentable, and if so a patent covering it may have some commercial value. The University Research Board recommends that a patent search be authorized to determine the novelty and patentability of the device. If such authorization is given, an investigation of the marketability of the patent will also be made to determine the value of securing a patent.

I concur and recommend further that if this device is found to be patentable and is of sufficient commercial value to justify the expense of securing a patent, an application for the same be authorized.

On motion of Mr. Hickman, these recommendations were approved.

GRANT FROM THE FORD FOUNDATION

(3) On August 23, 1950, Mr. William McPeak of the Ford Foundation, Detroit, Michigan, visited the University of Illinois and informed a group of University officials (including President Kenney E. Williamson of the Board of Trustees) that the Foundation would shortly offer the University a grant for researches in the behavioral sciences.

It is likely the sum will be \$100,000. The University would be free to use this sum according to its own plans in this general field.

I recommend that the President of the University be authorized to accept this fund, subject to final Board approval of the whole plan.

On motion of Mrs. Watkins, this recommendation was approved.

PURCHASE OF LAND IN URBANA

(4) The Board of Trustees has authorized negotiations for the purchase of properties in Urbana-Champaign in areas of future campus expansion when they can be acquired at satisfactory prices and to secure options on such properties.

Three properties in Urbana have recently been offered to the University. All are in an area which the city of Urbana is presently considering rezoning for commercial purposes. It is important that the University prevent such development since an inevitable result of rezoning would be an increase in the cost to the University of acquiring the land. All these properties are adjacent to properties now owned by the University. The buildings on them can be used advantageously until the sites are needed for new buildings.

The Provost, the Director of the Physical Plant, and the Comptroller recommend purchase of the following properties at the prices indicated:

Southwest corner of Illinois Street and Goodwin Avenue, Urbana.....	\$100 000
(Mrs. N. Louise Tryner and George G. Bennett, Owners)	
1112 and 1114 West Green Street, Urbana.....	66 000
(Mrs. Clara E. Locke, Owner)	
202 South Goodwin Avenue, Urbana.....	17 500
(Mrs. Eva F. Turner, Owner)	

Memoranda describing these properties, discussing price negotiations and giving further information in support of these recommendations, are hereby given to the Secretary of the Board for record.

Funds are available in the state appropriations to the University for buildings and other capital improvements and have already been released by the Governor for this purpose.

I recommend that these properties be purchased and that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents.

On motion of Mr. Hickman, the purchase of these properties was authorized by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr.

Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stevenson.

**PURCHASE OF PROPERTY AT 601 EAST SPRINGFIELD AVENUE,
CHAMPAIGN**

(5) The Water Resources Building of the State Water Survey Division was constructed on property at 603-607 East Springfield Avenue, Champaign, purchased for this purpose by the University. The University also owns a small parcel of property at 601½ East Springfield Avenue. The Board of Natural Resources and Conservation has requested the University to purchase the corner immediately west of this at 601 East Springfield Avenue to provide land for the future expansion of the Water Resources Building.

The Comptroller and the Director of the Physical Plant have investigated this property. After several months of negotiation, the owner has offered to sell the property to the University for \$14,250. If the offer is not accepted the owner proposes to construct some improvements on the property.

The Director of the Physical Plant and the Comptroller recommend acceptance of this offer and authorization of the purchase. An appropriation of \$14,250 from the General Reserve Fund will be required.

I concur.

On motion of Mr. Livingston, the purchase of this property was authorized, and an appropriation of \$14,250 was made from the General Reserve Fund, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stevenson.

APPROPRIATIONS FOR APPROVED PURCHASES OF LAND

(6) On April 21, 1949 (Minutes, page 310), the Board of Trustees approved the purchase of the 320-acre McCullough Farm and the purchase of eighty acres from the Sullivan heirs. On May 21, 1949 (Minutes, page 360), the Board of Trustees approved the purchase of the property at Sixth and John Streets in Champaign. All these purchases are on the basis of contracts providing for annual payments and in some cases for pre-payments. The Comptroller reports that in the year 1950-1951, the maximum payments which can be made under these contracts are \$153,815 and recommends that such payments be made. These payments are to be made in accordance with the following schedule:

<i>Property</i>	<i>Amount of Payment</i>		<i>Total</i>
	<i>Principal</i>	<i>Interest</i>	
Rolfe Property..... (Completes payments for this purchase)	\$28 250	\$565	\$28 815
Sullivan Property..... (Interest charged to income from the property. Remaining balance after this payment which can not be paid until 1952 — \$15,000)			15 000
McCullough Property..... (Interest charged to income from the property. Completes payments on this property)	110 000		110 000
<i>Total</i>			<u>\$153 815</u>

I recommend an appropriation of \$153,815 for these payments.

On motion of Mr. McLaughlin, this appropriation was made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stevenson.

AGREEMENT WITH ART INSTITUTE OF CHICAGO FOR CUSTODIANSHIP OF PAINTINGS

(7) From time to time the Art Institute of Chicago has loaned the University paintings and other works of art for public exhibits. There are now in the Illini Union Building a number of valuable paintings on loan for an indefinite period. Officials of the Art Institute have requested the University to set up a formal plan for custodianship of paintings and other works of art which may be sent to Urbana-Champaign in the future. This was approved in principle by the Executive Committee of the Board on August 29, 1950.

I now request authorization of an agreement with the Art Institute of Chicago as a basis for such a plan, the details of which are outlined in a memorandum hereby given to the Secretary of the Board as a matter of record.

President Stoddard presented and discussed the details of this plan.

On motion of Mrs. Holt, the action of the Executive Committee was confirmed and the agreement was authorized.

OPEN SESSION

When the Board convened in open session, the same members and officers were present as during the forenoon session.

MR. JOSEPH EWERS APPEARED BEFORE THE BOARD

At this point the President of the University presented Mr. Joseph E. Ewers, University Security Officer, who explained the functions and operations of his office and answered questions put to him by members of the Board.

APPOINTMENTS TO THE FACULTY

(1) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. JOSEPH WARREN BEACH, Visiting Professor of English, on one-half time, beginning September 1, 1950, at an annual salary of \$5,000 (D50).

2. CHARLES HARVEY BROWN, Visiting Professor of Library Science, beginning September 1, 1950, for one semester, at a salary of \$3,000 (G).

3. HENRY R. BRUNNEMEYER, Assistant State Leader of Farm Advisers and Assistant Professor, Agricultural Extension, beginning September 1, 1950, at an annual salary of \$7,000 (DY).

4. ELWOOD SPENCER BUFFA, Assistant Professor of Mechanical Engineering, beginning September 1, 1950, at an annual salary of \$5,000 (D).

5. GEOFFREY F. CHEW, Assistant Professor of Physics, beginning September 1, 1950, at an annual salary of \$5,600 (D).

6. GEORGE THOMPSON CLAYTON, Assistant Professor of Architecture, beginning September 1, 1950, at an annual salary of \$4,500 (D).

7. WILLIAM FRANCIS COOLIDGE, Assistant State Leader of Farm Advisers and Assistant Professor, Agricultural Extension, beginning September 1, 1950, at an annual salary of \$7,000 (DY).

8. THOMAS FRANCIS CROWLEY, Assistant Professor of Hygiene and Medical Adviser for Men, beginning September 1, 1950, at an annual salary of \$7,200 (DY).

9. LAWRENCE M. DERIDDER, Counselor and Assistant Professor of Psychology, Chicago Undergraduate Division, beginning September 1, 1950, at an annual salary of \$5,200 (DY).

10. LESLIE W. DUNLAP, Associate Professor of Library Science, beginning January 1, 1951, at an annual salary of \$6,000 (D).

11. LAWRENCE L. DURISCH, Visiting Professor of Political Science, beginning September 1, 1950, for one semester, at a salary of \$4,500 (G).

12. WILLIS LAURENS EMERY, Associate Professor of Electrical Engineering, beginning September 1, 1950, at an annual salary of \$5,500 (D).

13. CHARLES RANDALL HILL, Assistant Professor of Industrial Education, beginning September 1, 1950, at an annual salary of \$4,500 (D).

14. KATHARINE JOSEPHINE HIVON, Assistant Professor of Home Economics, beginning September 1, 1950, at an annual salary of \$5,000 (DY).

15. JAMES CHESTER KELLY, Associate Professor of Speech, beginning September 1, 1950, at an annual salary of \$5,300 (A).

16. FRED AUGUST KUMMEROW, Assistant Professor of Food Chemistry, Department of Food Technology, beginning September 16, 1950, at an annual salary of \$6,500 (DY).

17. LEO S. LAVATELLI, Assistant Professor of Physics, beginning September 1, 1950, at an annual salary of \$5,000 (D).

18. KENNETH M. MADISON, Assistant Professor of Biological Sciences, Chicago Undergraduate Division, beginning September 1, 1950, at an annual salary of \$4,500 (D).

19. JOSEPH C. MCDANIEL, Assistant Professor of Horticulture, Extension Service in College of Agriculture, beginning August 1, 1950, at an annual salary of \$5,100 (DY).

20. JOHN DUNCAN MCNEE, JR., Assistant Professor of Art, Chicago Undergraduate Division, beginning September 1, 1950, at an annual salary of \$4,800 (D).

21. FREDERICK T. MOORE, Assistant Professor of Economics, beginning September 1, 1950, at an annual salary of \$4,500 (D).

22. RICHARD CARL SANBORN, Assistant Professor of Entomology, beginning September 1, 1950, at an annual salary of \$4,500 (D).

23. MARIAN ELSA TOLBERT, Assistant Professor of Home Economics, beginning September 1, 1950, at an annual salary of \$5,000 (DY).

On motion of Dr. Meyer, these appointments were confirmed.

CLINICAL FACULTY OF THE COLLEGE OF MEDICINE, 1950-1951

(2) I recommend that the following appointments be made to the non-salaried, clinical faculty of the College of Medicine for the academic year beginning September 1, 1950, unless otherwise indicated, and that the President of the University be authorized to make such additional appointments and other changes, and to accept resignations, as are desirable and necessary.

Appointments of Professors and Associate Professors are on indefinite tenure; all others are for one year from September 1, 1950, or, for one year from July 1, 1950, as stated in such cases. New appointments are so indicated.

<i>Department</i>	<i>Summary</i>	<i>1949-1950</i>	<i>1950-1951</i>
Anatomy.....		8	5
Bacteriology.....		5	2
Biological Chemistry.....		2	3
Clinical Science.....		1	4
Criminology and Legal Medicine.....		11	Discontinued
Dermatology.....		20 (2)	22 (2) ¹
Illustration Studios.....		1	1
Medicine.....		193 (11)	194 (11)
Neurology and Neurological Surgery.....		19 (1)	18 (1)
Obstetrics and Gynecology.....		51 (8)	60 (8)
Ophthalmology.....		58 (3)	58 (2)
Orthopaedic Surgery.....		16	17
Otolaryngology.....		50 (2)	59 (2)
Pathology.....		21	30
Pediatrics.....		42 (3)	34 (2)
Pharmacology.....		5	2
Physiology.....		4	4
Preventive Medicine.....	}	6 ²	3
Public Health.....			5
Psychiatry.....		43 (2)	44 (2)
Radiology.....		16	17
Surgery (including Urology and Anesthesia).....		118 (7)	125 (8)
<i>Total</i>		690 (39)	702 (38)

¹ The figures in parentheses indicate the number of emeritus members.

² The Departments of Preventive Medicine and Public Health were formerly one department.

Anatomy

CIPOLLA, ARTHUR F., M.D., Instructor
KHEDROO, LAWRENCE G., B.S., D.D.S., M.D., Assistant
LIPFOLD, ROLAND W., B.S., M.S., Assistant
SHEARER, CHARLES E., B.S., M.D., Assistant
TATARAWICZ, BEN J., M.D., Assistant

Bacteriology

FORSTER, GEORGE F., Ph.D., Lecturer, with the rank of Assistant Professor
FELSENFIELD, OSCAR, M.D., Professorial Lecturer

Biological Chemistry

MACFADYEN, DOUGLAS A., A.M., M.D., Professor (Rush)¹
HILLER, ALMA E., Ph.D., Associate Professor (Rush)
HORWITT, MAX K., Ph.D., Assistant Professor

Clinical Science

KRASNO, LOUIS, M.D., Assistant Professor
JOHNSON, CARL A., M.D., Assistant Professor
HWANG, KAO, M.D., Research Associate
NEWMAN, EDWARD A., M.D., Research Associate

Dermatology

ORMSBY, OLIVER S., M.D., Clinical Professor (Rush), *Emeritus*
MITCHELL, JAMES H., M.D., Clinical Professor (Rush), *Emeritus*
WEBER, LEONARD F., M.D., Clinical Professor
CARO, MARCUS R., M.D., Clinical Professor
EBERT, MICHAEL H., M.D., Clinical Professor (Rush)
NEUHAUSER, IRENE, M.D., Clinical Assistant Professor
ROLL, HARVEY C., M.D., Clinical Associate
GRIFFITH, PAUL R., M.D., Clinical Associate
SLEPYAN, ALBERT H., M.D., Clinical Associate
OMENS, DAVID V., M.D., Clinical Associate (Rush)
HETREED, FRANCIS W., M.D., Clinical Associate (Rush)
OMENS, HAROLD, M.D., Clinical Instructor (Rush)
BOSWELL, PAUL P., M.D., Clinical Instructor
BUCHHOLZ, ALEXANDER, M.D., Clinical Instructor
ROBIN, MILTON, M.D., Clinical Instructor
FELSHER, ZACHARY, M.D., Clinical Instructor (Rush)
RUBIN, LOUIS, M.D., Clinical Instructor
YAFFE, BERNARD, M.D., Clinical Instructor (Rush)
LATTA, PHILIP R., M.D., Clinical Instructor
RIDDELL, J. MURRAY, M.D., Clinical Assistant
SPINKA, HAROLD M., M.D., Clinical Assistant (Rush)

Illustration Studios

LINDEN, CARL T., Instructor in Medical Illustration

Medicine

BROWN, RALPH C., B.S., M.D., Professor (Rush), *Emeritus*
HERRICK, JAMES B., A.B., LL.D., M.D., Professor (Rush), *Emeritus*
IRONS, ERNEST E., Ph.D., M.D., Clinical Professor (Rush), *Emeritus*
POST, WILBER E., Ph.D., M.D., Clinical Professor (Rush), *Emeritus*
STRAUSS, SIDNEY, A.B., M.D., Clinical Professor, *Emeritus*

¹ The designation (Rush) in a title is used to identify former members of the Rush Medical College faculty who were taken over by the University in 1941 as part of the affiliation with the Presbyterian Hospital by authority of the Board of Trustees.

TICE, FREDERICK, M.D., Clinical Professor, *Emeritus*
 WOODYATT, ROLLIN T., B.S., M.D., Clinical Professor (Rush), *Emeritus*
 ARKIN, AARON, Ph.D., M.D., Clinical Professor (Rush)
 ARMSTRONG, S. HOWARD, JR., A.B., M.D., Professor (Rush)
 CAMPBELL, LEO K., B.S., M.D., Clinical Professor (Rush)
 EYERLY, JAMES B., B.S., M.D., Clinical Professor (Rush)
 FREILICH, ELLIS B., M.D., Clinical Professor
 HIBBS, WILLIAM G., B.S., M.D., Clinical Professor (Rush)
 KELLY, FRANK B., B.S., M.D., Clinical Professor (Rush)
 MEYER, JACOB, M.S., M.D., Clinical Professor
 SLOAN, LEROY H., B.S., M.D., Clinical Professor
 THOMAS, WILLIAM A., Ph.B., M.D., Clinical Professor (Rush)
 THOMPSON, WILLARD O., B.S., M.D., Clinical Professor
 CHAUVET, FRANK, M.D., Clinical Associate Professor, *Emeritus*
 GOLDBERG, BENJAMIN, M.D., Clinical Associate Professor, *Emeritus*
 BUTLER, STUYVESANT, Ph.B., M.D., Clinical Associate Professor (Rush)
 FELDMAN, LOUIS, B.S., M.D., Clinical Associate Professor
 FORAN, FRANCIS L., M.S., M.D., Clinical Associate Professor (Rush)
 KNIGHT, ALVA A., B.S., M.D., Clinical Associate Professor (Rush)
 LUNDY, CLAYTON J., M.S., M.D., Clinical Associate Professor (Rush)
 LUSK, FRANK B., A.M., M.D., Clinical Associate Professor
 PERLSTEIN, SAMUEL, M.D., Clinical Associate Professor
 PERNOKIS, EVANS W., M.D., Clinical Associate Professor (Rush)
 PORTIS, SIDNEY A., M.D., Clinical Associate Professor (Rush)
 RABENS, ISIDORE A., M.S., M.D., Clinical Associate Professor
 RAGINS, OSCAR B., M.S., M.D., Clinical Associate Professor
 RAPPAPORT, BEN Z., M.S., M.D., Clinical Associate Professor
 SHEAFF, HOWARD M., Ph.D., M.D., Clinical Associate Professor (Rush)
 TRAUT, EUGENE F., B.S., M.D., Clinical Associate Professor (Rush)
 TRIMMER, RALPH W., M.D., Clinical Associate Professor (Rush)
 VANDERKLOOT, ALBERT, M.D., Clinical Associate Professor
 FREDRICKSON, F. O., M.D., Assistant Professor (Rush), *Emeritus*
 WILSON, FRANKLIN S., Ph.G., M.D., Assistant Professor, *Emeritus*
 ABRAMSON, DAVID I., M.D., Clinical Assistant Professor
 AFREMOW, MELVIN L., M.S., M.D., Clinical Assistant Professor
 AMTMAN, LEO E., B.S., M.D., Clinical Assistant Professor
 BARTON, EVAN M., A.B., M.D., Clinical Assistant Professor (Rush)
 BERNSTEIN, ARTHUR, B.S., M.D., Clinical Assistant Professor
 BERSON, ROBERT C., A.B., M.D., Assistant Professor
 BOIKAN, WILLIAM S., M.S., M.D., Clinical Assistant Professor
 BREUHAUS, HERBERT C., B.S., M.D., Clinical Assistant Professor (Rush)
 CAMPBELL, JAMES A., A.B., M.D., Assistant Professor (Rush)
 CARTER, JAY B., M.S., M.D., Clinical Assistant Professor (Rush)
 DEUSS, HUGO O., B.S., M.D., Clinical Assistant Professor
 DEYOUNG, WILLARD G., B.S., M.D., Clinical Assistant Professor (Rush)
 FISCHER, JACOB W., B.S., M.D., Clinical Assistant Professor
 FISHBEIN, MORRIS, B.S., M.D., Ph.D., Clinical Assistant Professor (Rush)
 GARDINER, JOHN A., A.M., M.D., Clinical Assistant Professor (Rush)
 GRAY, EARLE, B.S., M.D., Clinical Assistant Professor (Rush)
 HILKEVITCH, BENJAMIN H., M.D., Clinical Assistant Professor (Rush)
 JONES, ROBERT M., A.B., M.D., Clinical Assistant Professor
 LEVITT, ROBERT O., A.B., M.D., Clinical Assistant Professor
 LICHTENSTEIN, MEYER R., M.S., M.D., Clinical Assistant Professor
 McMILLAN, J. CHARLES, B.S., M.D., Clinical Assistant Professor
 MOSKO, MILTON M., B.S., M.D., Clinical Assistant Professor
 PEARLMAN, BENJAMIN, B.S., M.D., Clinical Assistant Professor
 PROPST, DUANE W., A.B., B.S., M.D., Clinical Assistant Professor (on leave of absence)
 RITTER, ISRAEL I., B.S., M.D., Clinical Assistant Professor
 ROBERG, NORMAN B., M.D., Clinical Assistant Professor
 ROSENBLUM, ALFRED H., B.S., M.D., Clinical Assistant Professor
 ROSENBLUM, SAMUEL H., B.S., M.D., Clinical Assistant Professor

SPELLBERG, MITCHELL A., M.D., Clinical Assistant Professor
STECK, IRVING E., M.S., M.D., Clinical Assistant Professor
STRAUS, ELIZABETH K., A.B., M.D., Clinical Assistant Professor (Rush)
STUPPY, GEORGE W., Ph.D., M.D., Clinical Assistant Professor (Rush)
TURNER, GEORGE C., B.S., M.D., Clinical Assistant Professor (Rush)
WOOD, WILLARD L., M.S., M.D., Clinical Assistant Professor (Rush)
WOODRUFF, LEWIS W., B.S., M.D., Clinical Assistant Professor (Rush)
DURHAM, O. C., Lecturer in Allergy, with the rank of Assistant Professor (New)
AKRE, OSMUND H., A.B., M.D., Clinical Associate (Rush)
BAIRD, THOMAS A., B.S., M.D., Clinical Associate (Rush)
BENNETT, JOSEPH R., A.B., M.D., Clinical Associate (Rush)
BROWN, R. GORDON, A.B., M.D., Clinical Associate (Rush)
BERG, MAX, Ph.D., M.D., Clinical Associate
BERNSTEIN, MAX M., B.S., M.D., Clinical Associate
BYFIELD, GEORGE V., M.S., M.D., Clinical Associate
DITKOWSKY, SAMUEL I., B.S., M.D., Clinical Associate
EDIDIN, LOUIS, B.S., M.D., Clinical Associate
GALT, RAYMOND M., A.B., B.M., M.D., Clinical Associate
GROSZ, EUGENE, M.D., Clinical Associate
GUNTHER, AARON, B.S., M.D., Clinical Associate
HOOVER, HAROLD M., B.S., M.D., Clinical Associate
HUTCHISON, WILLIAM A., M.D., Clinical Associate
HYMAN, SAMUEL, M.P.H., B.S., M.D., Clinical Associate
IRONS, EDWIN N., B.S., M.D., Clinical Associate (Rush)
KINNEY, JANET R., B.S., M.D., Clinical Associate
KIRBY, WILLIAM J., B.S., M.D., Clinical Associate (Rush)
MEHLMAN, JEROME S., A.B., M.D., Clinical Associate
NECHLES, JOHN R., M.D., Clinical Associate
NELSON, BERTRAM G., B.S., M.D., Clinical Associate (Rush)
PAUL, OGLESBY, A.B., M.D., Clinical Associate (Rush)
PERLMAN, LAWRENCE, B.S., M.D., Clinical Associate
RAVENNA, PAUL, M.D., Clinical Associate
RICEWASSER, HENRY, B.S., A.B., M.D., Clinical Associate
SCHICK, ARMIN F., B.S., M.D., Clinical Associate (Rush)
SIMKIN, MAURICE, B.S., M.D., Clinical Associate (Rush)
SIMKIN, WILLIAM, B.S., M.D., Clinical Associate (Rush)
WILLIAMS, JAMES L., A.M., M.D., Clinical Associate
WOLF, ALEXANDER, B.S., M.D., Clinical Associate
AREN, MARVIN W., B.S., M.D., Clinical Instructor
BAUMEISTER, CARL F., B.S., M.D., Clinical Instructor
BEINAR, PETER J., B.S., M.D., Clinical Instructor
BERKE, ROBERT D., M.D., Clinical Instructor
BICA, GAETANO A., B.S., M.D., Clinical Instructor
BUSER, JULIAN W., M.D., Clinical Instructor
CARSTENS, H. PAUL, M.S., M.D., Clinical Instructor
CRONHEIM, ERNST, M.D., Clinical Instructor
DICKEY, MARVIN M., M.D., Clinical Instructor (Rush)
EHRlich, NORMAN J., M.S., M.D., Clinical Instructor
FARAGO, PETER, M.D., Clinical Instructor (Rush)
FEINHANDLER, EMANUEL, B.S., M.D., Clinical Instructor
FISHER, DON L., B.S., M.D., Clinical Instructor (Rush)
FRANZBLAU, SANFORD A., M.S., M.D., Clinical Instructor
GIANASI, CHARLES A., A.B., M.D., Clinical Instructor
GREGORIO, JOHN T., M.D., Clinical Instructor
GURVEY, JULIUS A., B.S., M.D., Clinical Instructor
HISS, FREDERICK W., M.D., Clinical Instructor (Rush)
HOBAN, THOMAS, M.D., Clinical Instructor (Rush) (New)
HORWITZ, HARVEY, B.S., M.D., Clinical Instructor
JACKSON, EDWARD L., B.S., M.D., Clinical Instructor
JANSON, C. HELGE M., B.S., M.D., Clinical Instructor (Rush)
JESSER, JOSEPH H., B.S., M.D., Clinical Instructor
KESLER, ROLAND L., A.B., M.D., Clinical Instructor (Rush)

LEVINE, HOWARD J., Clinical Instructor
LEVY, GEORGE, M.D., Clinical Instructor
LEWIS, WARREN C., A.B., B.S., M.D., Clinical Instructor
LUBIN, JEROME J., B.S., M.D., Clinical Instructor
MEREDITH, PAUL A., A.B., B.M., M.D., Clinical Instructor
PETRAKOS, HARRY N., B.S., M.D., Clinical Instructor
POLLEY, THEODORE Z., B.S., B.M., M.D., Clinical Instructor
POST, JOHN, B.S., M.D., Clinical Instructor (Rush)
RHETTA, HELEN L., A.B., M.D., Clinical Instructor
ROSANOVA, ALBERT R., B.S., M.D., Clinical Instructor
SAPIENZA, ANTHONY R., B.S., M.D., Clinical Instructor
SCALA, RALPH A., LL.B., M.D., Clinical Instructor
SCHNAER, IRA L., M.D., Clinical Instructor (Rush)
SELVERSTONE, LOUIS A., A.B., M.D., Instructor (Rush)
SIGLIN, IRVIN S., B.S., M.D., Clinical Instructor
SINGER, JOHN D., B.S., M.D., Clinical Instructor
SLADEK, WILLIAM R., B.S., M.D., Clinical Instructor
SLOTT, IRVING, B.S., M.D., Clinical Instructor
TELSEER, STANLEY E., A.B., M.D., Clinical Instructor
TIMBLIN, WILLIAM S., B.S., M.D., Clinical Instructor
WEINBERG, BERNHARD J., B.S., M.D., Clinical Instructor
WEINER, ROBERT G., B.S., M.D., Clinical Instructor
WIEN, NORMAN A., B.S., M.D., Clinical Instructor
YELLEN, HARRY J., B.S., M.D., Clinical Instructor
YONAN, JOHN B., M.D., Clinical Instructor
ZELLER, MICHAEL, M.D., Clinical Instructor
BALLARD, GEORGE P., B.S., M.D., Clinical Assistant
BASKETT, LINDSAY M., B.S., M.D., Clinical Assistant (Rush)
BELL-IRVING, PETER, M.D., Clinical Assistant (Rush) (New)
BEST, WILLIAM R., B.S., M.D., Clinical Assistant¹
BRETZ, WILLIAM E., B.S., M.D., Clinical Assistant (Rush)
BRIXEY, ALBIN M., A.B., B.S., M.D., Clinical Assistant
CHAPMAN, ROBERT A., A.B., M.D., Clinical Assistant¹
CHERTACK, MELVIN M., M.S., M.D., Clinical Assistant
DAKIN, THEODORE R., A.B., M.D., Clinical Assistant
DE JONG, GEORGE A., M.D., Clinical Assistant (Rush)
FORREST, RUSSELL A., M.D., Clinical Assistant¹
FRANKEL, JOSEPH J., B.S., M.D., Clinical Assistant
GLEAVE, GWEN, B.S., M.D., Clinical Assistant¹
GRIMMELI, LUKE J., M.D., Clinical Assistant
HALL, F. RICHARD, A.B., M.D., Clinical Assistant (Rush)
HARTLEY, HENRIETTA S., M.D., Clinical Assistant
HARTMAN, C. F., M.D., Clinical Assistant (Rush)
HAVRANEK, JAMES C., B.S., M.D., Clinical Assistant
KALB, CLIFFORD H., M.D., Clinical Assistant
KLEIN, SAMUEL, B.S., M.D., Clinical Assistant
MANNING, JOHN J., B.S., M.D., Clinical Assistant
MARTIN, CLEMENT G., M.D., M.S., Clinical Assistant (Rush)
MCBRIDE, DONALD, M.D., Clinical Assistant (Rush)
MCGRATH, CHARLES D., A.B., M.D., Clinical Assistant (Rush)
MORRIS, ROGER S., M.D., Clinical Assistant (Rush)
NARUT, LEO F., A.B., B.S., M.D., Clinical Assistant
O'BRIEN, DONALD E., M.D., Clinical Assistant (Rush)
PLACE, VIRGIL A., M.D., Clinical Assistant (Rush)
PRESLEY, SOPHIE J., M.D., Clinical Assistant
RAY, MARY, B.S., M.D., Clinical Assistant (Rush)
ROBBINS, JOSEPH M., B.S., M.D., Clinical Assistant
ROCHLIN, ISIDORE, M.D., Clinical Assistant (Rush)
ROSENBLUM, A. I., B.S., M.D., Clinical Assistant
SCHUPP, JOSEPH G., A.B., M.D., Clinical Assistant (Rush)

¹ Also Resident at Research and Educational Hospitals.

TARUN, DONALD W., A.B., B.S., M.D., Clinical Assistant (Rush)
 THRIFT, C. B., B.S., M.D., Clinical Assistant (Rush)
 VORHAUS, LOUIS J., II, M.D., Clinical Assistant¹
 WEISS, EUGENE, M.S., M.D., Clinical Assistant
 YOUNG, CHARLES W., M.D., Clinical Assistant
 ZIVIN, SIMON, M.D., Clinical Assistant
 STENN, FREDERICK, M.S., M.D., Lecturer in History of Medicine

Neurology and Neurological Surgery

AVERY, LOREN, M.D., Clinical Professor of Neurology (Rush)
 VERBRUGGHEN, ADRIEN, M.S., Clinical Professor of Neurological Surgery (Rush)
 LICHTENSTEIN, BEN W., M.D., Associate Professor of Neurology
 GUSTAFSON, WESLEY A., M.D., Clinical Assistant Professor of Neurological Surgery
 ZEITLIN, HOWARD, M.D., Clinical Assistant Professor of Neurology
 HARDT, HARRY G., M.D., Clinical Associate in Neurology (Rush), *Emeritus*
 SPEIGEL, I. J., M.D., Clinical Associate in Neurosurgery
 AMADOR, LUIS V., M.D., Research Associate in Neurology and Neurological Surgery (7-1-50 to 8-31-51)
 OBERHILL, HAROLD R., M.D., Clinical Instructor in Neurosurgery
 TEXTOR, CHARLES S., II, M.D., Clinical Instructor in Neurosurgery (Rush)
 VONWITZLEBEN, HENRY D., M.D., Clinical Instructor in Neurology
 ZOLT, NATHAN, M.D., Clinical Instructor in Neurology
 BENNETT, F. E., M.D., Clinical Assistant (one year from 7-1-50)
 CRANDALL, PAUL H., M.D., Clinical Assistant (9-1-50 to 6-30-51)
 FARLEY, ALBERT W., II, M.D., Clinical Assistant (one year from 7-1-50)
 McCASKELL, DANIEL, M.D., Clinical Assistant (Rush) (one year from 7-1-50)
 PITTMAN, HAL W., M.D., Clinical Assistant (one year from 7-1-50)
 SCHWARTZ, MELVIN L., M.D., Clinical Assistant (9-1-50 to 6-30-51)

Obstetrics and Gynecology

HOLMES, RUDOLPH W., M.D., Professor (Rush), *Emeritus*
 WEBSTER, JOHN C., M.D., Professor (Rush), *Emeritus*
 BAER, JOSEPH L., M.S., M.D., Clinical Professor (Rush), *Emeritus*
 HEANEY, NOBEL S., A.B., M.D., Clinical Professor (Rush), *Emeritus*
 ALLEN, EDWARD D., B.S., M.D., Clinical Professor (Rush)
 KANTER, AARON E., M.S., M.D., Clinical Professor (Rush)
 LASH, ABRAHAM F., M.D., Ph.D., Clinical Associate Professor
 HAMMOND, WALTER C., M.D., Clinical Assistant Professor, *Emeritus*
 LANG, JOHN M., M.D., Clinical Assistant Professor, *Emeritus*
 NEWBERGER, CHARLES, B.S., M.D., Clinical Assistant Professor, *Emeritus*
 STONE, FRANK L., M.D., Clinical Assistant Professor, *Emeritus*
 BOLEY, MICHAEL H., B.S., M.D., Clinical Assistant Professor
 BOYSEN, HARRY, B.S., M.D., Clinical Assistant Professor (Rush)
 KLAWANS, ARTHUR H., B.S., M.D., Assistant Professor (Rush)
 KOBAK, ALFRED J., M.S., M.D., Clinical Assistant Professor
 LIVVENDAHL, RICHARD A., M.S., M.D., Clinical Assistant Professor
 PRIEST, FRED O., B.S., M.D., Clinical Assistant Professor (Rush)
 REZEK, GEORGE H., M.S., M.D., Clinical Assistant Professor
 ROOS, FREDERICK J., M.D., Clinical Assistant Professor
 SERED, HARRY, M.D., Clinical Assistant Professor
 WOLFF, JOHN R., M.S., M.D., Clinical Assistant Professor
 CAREY, CLAIR M., B.S., M.D., Clinical Associate
 DARO, AUGUST F., B.S., M.D., Clinical Associate
 DRAA, CECIL C., B.S., M.D., Clinical Associate (Rush)
 TETON, JOSEPH B., B.S., M.D., Clinical Associate
 WALSH, FRANK J., B.S., M.D., Clinical Associate
 AUSTIN, STEPHEN D., M.D., Instructor (one year from 7-1-50)²

¹ Also Resident at Research and Educational Hospitals.

² Also Resident at Presbyterian Hospital.

BACON, ALFONS R., B.S., M.D., Clinical Instructor
 BAUM, HUGO C., B.S., M.D., Clinical Instructor (Rush)
 BENENSOHN, SOL J., B.S., M.D., Clinical Instructor
 BISSELL, SCHUYLER M., A.B., M.D., Instructor (one year from 7-1-50)¹
 BRAND, ASHLEY M., B.S., M.D., Clinical Instructor
 DeLEE, SOL T., M.S., M.D., Clinical Instructor
 GLENNER, ROBERT J., B.S., M.D., Clinical Instructor
 MOUZAKEOTIS, THEODORE C., B.S., M.D., Clinical Instructor
 NETTLES, JOHN B., B.S., M.D., Instructor²
 SMITH, C. OTIS, A.B., B.S., M.D., Clinical Instructor (3-1-50 to 8-31-50)
 SMITH, HAROLD E., B.S., M.D., Clinical Instructor
 ANGELL, JOSEPH S., M.D., Clinical Assistant (Rush)
 BONAR, BARNET E., A.B., M.D., Assistant (one year from 7-1-50)¹
 BREISTER, BENJAMIN W., M.D., Clinical Assistant (Rush)
 BRUMME, MARVIN R., B.S., M.D., Clinical Assistant
 CUNNINGHAM, THOMAS R., B.S., M.D., Clinical Assistant (Rush)
 FALLS, JOHN L., B.S., M.D., Assistant (one year from 7-1-50)²
 FUNNELL, JOSEPH W., A.B., M.D., Assistant (one year from 7-1-50)¹
 GOLLIN, HARVEY A., B.S., M.D., Clinical Assistant
 HACK, RUDOLF W., A.B., B.S., M.D., Assistant (one year from 7-1-50)¹
 KAUFMAN, JEROME D., M.D., Clinical Assistant
 LONG, JOHN S., M.D., Assistant (Rush)¹
 LUTZ, J. FREDERICK, B.S., M.D., Clinical Assistant (Rush)
 McDUGAL, THOMAS C., B.S., M.D., Clinical Assistant
 McLAUGHLIN, JOHN R., B.S., M.D., Assistant (one year from 7-1-50)¹
 MOYER, JOHN A., B.S., M.D., Clinical Assistant
 OLECK, ADRIAN R., B.S., M.D., Clinical Assistant
 OTTEN, MARY JANE, B.S., M.D., Assistant (one year from 7-1-50)²
 PETERSON, LOWELL F., B.S., M.D., Clinical Assistant (Rush)
 SYKORA, LAWRENCE J., M.D., Clinical Assistant
 SYLVESTER, E. BRADLEY, M.D., Assistant (one year from 7-1-50)²
 WELSH, DAVID R., B.S., M.D., Assistant (one year from 7-1-50)¹
 WHITLOCK, RICHARD F., B.S., M.D., Assistant

Ophthalmology

BROWN, EDWARD V. L., B.S., M.D., Clinical Professor (Rush), *Emeritus*
 DARLING, CHARLES G., M.D., Clinical Professor (Rush), *Emeritus*
 MONCREIFF, WILLIAM F., M.S., M.D., Clinical Professor (Rush)
 DONEGAN, JUSTIN M., M.D., Associate Professor (Rush)
 ALLEN, THOMAS D., A.B., M.D., Clinical Associate Professor (Rush)
 APPLE, CARL, B.S., M.D., Clinical Associate Professor
 FOWLER, EARLE B., B.S., M.D., Clinical Associate Professor (Rush)
 RISER, ROY O., B.S., M.D., Clinical Associate Professor
 THEOBALD, GEORGIANA D., M.D., Clinical Associate Professor and Clinical Pa-
 thologist
 CLARK, JAMES W., B.S., M.D., Clinical Assistant Professor
 COWEN, JACK P., B.S., M.D., Clinical Assistant Professor
 JACOBSON, MAX M., B.S., M.D., Clinical Assistant Professor (Rush)
 MCGARRY, H. ISABELLE, B.S., M.D., Clinical Assistant Professor
 PUSHKIN, EDWARD A., B.S., M.D., Clinical Assistant Professor
 SCHERIBEL, KARL J., B.S., M.D., Clinical Assistant Professor (Rush)
 ZEKMAN, THEODORE N., A.B., B.S., M.D., Clinical Assistant Professor
 FOX, NATHAN H., B.S., M.D., Clinical Associate
 LEECH, VERNON M., M.D., Clinical Associate (Rush)
 MAHER, DAVID B., A.B., M.D., Clinical Associate
 NETHERCUT, GLENWAY W., A.B., M.D., Clinical Associate
 ROSENBERG, WILLIAM, B.S., M.D., Clinical Associate
 SCHEFFLER, MILTON M., B.S., M.D., Clinical Associate

¹ Also Resident at Presbyterian Hospital.

² Also Resident at Research and Educational Hospitals.

SNYDACKER, DANIEL, M.D., Clinical Associate
 STERNBERG, PAUL, B.S., M.D., Clinical Associate
 BROOKS, ROOSEVELT, M.D., Clinical Instructor
 COX, FRED G., B.S., M.D., Clinical Instructor
 CRANE, CYRIL V., B.S., M.D., Clinical Instructor (Rush)
 FEINBERG, LOUIS, B.S., M.D., Clinical Instructor
 FORDON, LEONA R., B.S., M.D., Clinical Instructor
 GARNER, LAWRENCE, M.D., Clinical Instructor
 LEARSY, CHARLES A., M.D., Clinical Instructor (Rush)
 MUNDT, G. HENRY, JR., M.S., M.D., Clinical Instructor
 SCHULTZ, ABRAHAM, M.D., Clinical Instructor
 URIST, MARTIN, A.M., M.D., Clinical Instructor
 BARRETT, CHARLES V., M.D., Clinical Assistant
 FITZGERALD, GEORGE, M.D., Clinical Assistant
 MURPHY, ROBERT, M.D., Clinical Assistant (Rush)
 WONES, EDWARD, M.D., Clinical Assistant
 ABRAHAMSON, MARGARET, M.D., Assistant (one year from 7-1-50)¹
 BAYARD, WALTER L., M.D., Assistant (one year from 7-1-50)¹
 BERRY, FRANK D., M.D., Assistant (one year from 7-1-50)¹
 HANS, CLARENCE, M.D., Assistant (one year from 7-1-50)¹
 HOUGH, MAC J., M.D., Assistant¹
 HOWARD, H. CARLTON, M.D., Assistant (one year from 7-1-50)¹
 KILLIAN, CAMILLE, M.D., Assistant¹
 KINNEY, EDWARD J., M.D., Assistant (one year from 7-1-50)¹
 KISSLING, ARTHUR C., M.D., Assistant¹
 LAWSON, LAWRENCE, M.D., Assistant (one year from 7-1-50)¹
 McDONALD, JAMES E., M.D., Assistant¹
 PETERSON, JOHN W., M.D., Assistant
 QUINT, J. HARLEY, JR., M.D., Assistant (one year from 7-1-50)¹
 SCHALL, SAMUEL M., M.D., Assistant¹
 SPENCE, GEORGE, M.D., Assistant (one year from 7-1-50)¹
 TACKE, ARTHUR W., M.D., Assistant (Rush)²
 TENNENBAUM, ALBERT, M.D., Assistant (one year from 7-1-50)¹
 VALONE, RICHARD J., M.D., Assistant (one year from 7-1-50)¹
 WILDER, HOWARD, M.D., Assistant (one year from 7-1-50)¹
 WILSON, CHARLES, M.D., Assistant (Rush)
 CHOCK, PHILIP WAH HOU, M.D., Assistant¹

Orthopaedic Surgery

BERKHEISER, ELVAN J., A.B., M.D., Clinical Associate Professor (Rush)
 MURPHY, FRANK GEORGE, B.S., M.D., Clinical Associate Professor
 FARRINGTON, JOSEPH DAVIS, A.B., M.D., Clinical Assistant Professor
 MARSHALL, WILLIAM A., B.S., M.D., Clinical Assistant Professor
 MILLER, LEO F., B.S., M.D., Clinical Assistant Professor
 SHAPIRO, FRED, B.S., M.D., Clinical Assistant Professor
 TURNER, HORACE E., B.S., M.D., Clinical Assistant Professor
 GRIMMER, EVERETT A., D.D.S., Clinical Associate
 CRAIN, ALAN R., M.D., Instructor (7-1-50 to 1-1-51)³
 EICHELBAUM, KURT, M.D., Clinical Instructor
 JOFFE, HERMAN, M.S., M.D., Clinical Instructor
 LIDGE, RALPH T., B.S., M.D., Instructor (one year from 7-1-50)³
 VARZINO, LOUIS S., B.S., M.D., Clinical Instructor
 ADAMS, RAYMOND J., B.S., M.D., Assistant (one year from 7-1-50)³
 APFELBACH, HENRY W., M.D., Assistant (one year from 7-1-50)³
 BUCKMASTER, ROBERT E., B.S., M.D., Assistant (one year from 7-1-50)³
 DICKINSON, PHILIP H., M.D., Assistant (one year from 7-1-50)³

¹ Also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary.

² Also Resident at Presbyterian Hospital.

³ Also Resident at Research and Educational Hospitals.

Otolaryngology

HOLLENDER, ABRAHAM R., M.S., M.D., Professor, *Emeritus*
 HAYDEN, DANIEL B., A.M., M.D., Clinical Professor (Rush), *Emeritus*
 THEOBALD, WALTER H., B.S., M.D., Clinical Associate Professor
 VAN ALYEA, OLIVER E., M.D., Clinical Associate Professor
 WATKINS, RICHARD W., B.S., M.D., Clinical Associate Professor (Rush)
 ANDREWS, ALBERT H., JR., M.S., M.D., Clinical Assistant Professor of Broncho-
 esophagology
 CHAINSKI, EDWARD, M.D., Clinical Assistant Professor
 FABRICANT, NOAH D., M.S., M.D., Clinical Assistant Professor
 FOX, NOAH, B.S., M.D., Clinical Assistant Professor
 FRIEDBERG, STANTON A., A.B., M.D., Clinical Assistant Professor (Rush)
 LEWIS, G. KENNETH, B.S., M.D., Clinical Assistant Professor
 LEWY, ROBERT B., B.S., M.D., Clinical Assistant Professor
 LIVINGSTON, GEORGE S., M.S., M.D., Clinical Assistant Professor
 MORWITZ, SAMUEL M., B.S., M.D., Clinical Assistant Professor
 SCOTT, GORDON H., M.D., Clinical Assistant Professor (Rush)
 SHAPIRO, SHERMAN L., B.S., M.D., Clinical Assistant Professor
 SPIESMAN, IRWIN G., B.S., M.D., Clinical Assistant Professor
 WALLNER, LINDEN J., B.S., M.D., Clinical Assistant Professor (Rush)
 WOJNIAK, FRANK, M.D., Clinical Assistant Professor (Rush)
 BECKER, OSCAR J., M.D., M.S., Clinical Associate
 BLUMKLOTZ, BRUNO, M.D., Clinical Associate
 COOMBS, ARTHUR J., A.B., M.D., Clinical Associate
 GREENE, LOIS D., A.B., M.D., Clinical Associate
 HENNER, ROBERT, B.S., M.D., Clinical Associate
 JOHNSTON, KENNETH C., B.S., M.D., Clinical Associate in Bronchoesophagology
 LESHIN, NORMAN, B.S., M.D., Clinical Associate
 PISZKIEWICZ, FRANK, B.S., M.D., Clinical Associate
 SATZ, LEO A., B.S., M.D., Clinical Associate
 SAVITT, LOUIS, M.D., Clinical Associate
 SINGH, HARKISHEN, D.M.D., M.D., Clinical Associate
 BLUMENTHAL, HELMUT, M.D., Clinical Instructor
 BUCKINGHAM, RICHARD, M.D., Clinical Instructor
 CUTLER, MAX H., B.S., M.D., Clinical Instructor
 FRIEDMAN, ELMER A., B.S., M.D., Clinical Instructor
 HOELTGEN, MAURICE M., B.S., M.D., Clinical Instructor
 HORWITZ, IRWIN D., B.S., M.D., Clinical Instructor
 MATZKIN, LLOYD L., B.S., M.D., Clinical Instructor
 PELLETTIERE, EDMUND V., B.S., M.D., Clinical Instructor
 POLLOCK, FREDRIC J., B.S., M.D., Clinical Instructor
 SOBOROFF, BURTON J., B.S., M.D., Clinical Instructor
 SPRINGER, KURT, M.D., Clinical Instructor (Rush)
 GUEMMER, GERALD E., A.B., M.D., Clinical Assistant (Rush)
 LOEWY, ARTHUR, M.S., M.D., Clinical Assistant
 NIANICK, LEONARD M., B.S., M.D., Clinical Assistant
 WEIDEMANN, JOHN A., B.S., M.D., Clinical Assistant
 BERGENDAHL, EMIL, M.D., Assistant
 GOLDWARE, ROSS R., B.S., M.D., Assistant
 KREJCA, FRANK, M.D., Assistant
 KUCERA, WILLIAM, M.D., Assistant
 KUDOLLA, CHARLES, M.D., Assistant
 KWAPISZEWSKI, HERBERT, M.D., Assistant
 McMAHON, ROBERT J., A.B., M.D., Assistant
 MARTINUCCI, AUGUST, M.D., Assistant
 ORRICO, JOSEPH, M.D., Assistant
 SALE, CHARLES, M.D., Assistant
 SCHILLER, FILMORE, M.D., Assistant
 SCHMIDT, JAY, M.D., Assistant

SOKOLSKY, IRVING, M.D., Assistant
STEADMAN, MONTE G., B.S., M.D., Assistant
WEISMAN, EDWARD, M.D., Assistant

Pathology

HASS, GEORGE M., M.D., Professor (Rush)
SAPHIR, OTTO, M.D., Clinical Professor
WEINMANN, JOSEPH P., M.D., Professor of Oral Pathology
CAHN-BRONNER, CHARLES E., M.D., Professorial Lecturer
KING, LESTER S., M.D., Clinical Associate Professor
KEARNS, JERRY J., M.D., Clinical Assistant Professor
LEARNER, AARON, M.D., Clinical Assistant Professor
MASON, COYE C., M.D., Clinical Assistant Professor
PIRANI, CONRAD L., M.D., Clinical Assistant Professor
RAGINS, ALEX B., M.D., Clinical Assistant Professor
TAYLOR, CHARLES B., M.D., Assistant Professor (Rush)
PARMACEK, LOUIS, M.D., Clinical Associate
MULLANEY, JAMES T., LL.B., Lecturer in Legal Medicine
ALEXANDER, MARSHALL O., M.D., Clinical Instructor
BROWN, H. IVAN, M.D., Clinical Instructor
DENKO, JOHN V., M.D., Instructor (one year from 7-1-50)
GRIMM, HAROLD A., M.D., Clinical Instructor
HIRSCH, FRANZ E., M.D., Clinical Instructor
HOFFMAN, ROBERT V., JR., M.D., Instructor (one year from 7-1-50)
MALONEY, JOHN E., M.D., Clinical Instructor
SCHWEITZER, ALBERT W., M.D., Instructor (Rush)
TESLUK, HENRY, M.D., Instructor (Rush)
THOMPSON, JAMES R., M.D., Clinical Instructor
VAWTER, GORDON F., M.D., Instructor (Rush)
WILSON, HUGH, M.D., Clinical Instructor
ANDRESEN, RICHARD H., M.D., Research Assistant (Rush)
COX, THOMAS R., JR., M.D., Assistant¹
DALLENBACH, FREDERICK D., M.D., Assistant (one year from 7-1-50)²
KELLY, FRANK B., JR., Research Assistant (Rush)
ZIENTEK, RALPH J., M.D., Assistant (one year from 7-1-50)²

Pediatrics

GRULEE, CLIFFORD, A.M., LL.D., M.D., Clinical Professor (Rush), *Emeritus*
HOYNE, ARCHIBALD L., A.B., B.S., M.D., Clinical Professor (Rush), *Emeritus*
McCULLOCH, HUGH, M.D., Professorial Lecturer
BUTLER, CRAIG D., B.S., M.D., Clinical Associate Professor (Rush)
KOBES, HERBERT R., A.B., M.D., Clinical Associate Professor
STULIK, CHARLES K., Ph.G., Ph.C., B.S., M.D., Clinical Associate Professor (Rush)
BOHNING, ANNE, A.B., M.D., Clinical Assistant Professor (Rush)
BOWER, LESTER E., A.B., M.D., Clinical Assistant Professor
GASUL, BENJAMIN M., M.S., M.D., Clinical Assistant Professor
HALPERN, LOUIS J., B.S., M.D., Clinical Assistant Professor
HARRISON, C. JACK, B.S., M.D., Clinical Assistant Professor (Rush)
HOFFMAN, SAMUEL J., B.S., M.D., Clinical Assistant Professor
KAGAN, BENJAMIN M., A.B., M.D., Clinical Assistant Professor
LEICHENGER, HARRY, B.S., M.D., Clinical Assistant Professor
LEVINSON, SIDNEY O., B.S., M.D., Clinical Assistant Professor
PACHMAN, DANIEL O., A.B., M.D., Clinical Assistant Professor
SALTIEL, THOMAS P., B.S., M.D., Clinical Assistant Professor
SHAW, NOEL G., A.B., M.D., Clinical Assistant Professor (Rush)
LEWISON, MATTHEW M., B.S., M.D., Clinical Associate (Rush)
BARATZ, J. JOSEPH, B.S., M.D., Clinical Instructor
BRESLOW, LAWRENCE, A.B., M.D., Clinical Instructor
DAMMERS, WARREN R., B.M., M.D., Clinical Instructor (Rush)

¹ Also Resident at Illinois Masonic Hospital.

² Also Resident at Research and Educational Hospitals.

DESSERT, ROBERT A., B.S., M.D., Clinical Instructor
DITKOWSKY, SOL, B.S., M.D., Clinical Instructor
LANDER, HERMAN B., B.S., M.D., Clinical Instructor
RICHTER, IRVING B., B.S., M.D., Clinical Instructor
STEIN, A. F., B.S., M.D., Clinical Instructor
WEHRLE, PAUL F., B.S., M.D., Clinical Instructor
WELFORD, NORMAN T., M.D., Clinical Instructor
WOLF, A. A., B.S., M.D., Clinical Instructor
SHMIGELSKY, IRENE, M.D., Clinical Instructor
DARROW, RUTH, A.B., M.D., Clinical Assistant (Rush)
JACKSON, MILDRED R., M.S., M.D., Clinical Assistant
LERNER, ISADORE, M.D., Clinical Assistant
NAGEL, HARRY T., M.D., Clinical Assistant (Rush)
EDDY, EVELYN, M.D., Assistant

Pharmacology

SCHIFFRIN, MILTON J., Ph.D., Lecturer
VAN WINKLE, WALTON, JR., M.D., Professorial Lecturer

Physiology

CRANDALL, LATHAN A., JR., Ph.D., M.D., Professorial Lecturer
HOFFMAN, WILLIAM S., Ph.D., M.D., Professorial Lecturer
MARBARGER, JOHN P., Ph.D., Associate Professor
MCCULLOCH, WARREN S., A.M., M.D., Professor
GUILLEMIN, VICTOR, JR., Ph.D., Professor of Biophysics

Preventive Medicine

ROSENTHAL, SOL R., M.D., Associate Professor
HULL, THOMAS G., Ph.D., Assistant Professor
PRESS, EDWARD, M.D., Assistant Professor

Public Health

DOVE, W. FRANKLIN, Ph.D., Research Associate
PISZCZEK, EDWARD A., M.D., M.P.H., Associate Professor
KLASSEN, CLARENCE W., B.S., Assistant Professor
MCDANIELS, HERBERT E., Ph.D., Assistant Professor
MORSE, KENNETH M., M.S., Assistant Professor

Psychiatry

HAMILL, RALPH C., Ph.D., M.D., Clinical Professor (Rush), *Emeritus*
HOFFMAN, HARRY R., B.S., M.D., Clinical Associate Professor (Rush)
MOHR, GEORGE J., B.S., M.D., Clinical Associate Professor
MORRISON, DONALD A. R., B.S., M.D., Clinical Associate Professor (Rush)
SOLOMON, ALFRED P., A.B., M.D., Clinical Associate Professor
BRAUDE, MORRIS, M.D., Clinical Associate Professor (Rush), *Emeritus*
BRODER, SAMUEL B., M.D., M.S., Clinical Assistant Professor
KRAINES, SAMUEL, B.S., M.D., Clinical Assistant Professor
PASKIND, JACOB, M.D., Clinical Assistant Professor
FLEMING, JOAN, A.M., M.D., Clinical Assistant Professor (Rush)
GYARFAS, KALMAN, M.D., Clinical Assistant Professor
MCMILLAN, ROBERT G., M.D., Clinical Assistant Professor
MEEHAN, MARJORIE, M.D., Clinical Assistant Professor (Rush)
NOVICK, RUDOLPH, M.D., Clinical Assistant Professor
PASCHKES, ERICH, M.D., Clinical Assistant Professor
SLOMAN, SOPHIE SCHROEDER, B.S., M.D., Clinical Assistant Professor
SONENTHAL, ISRAEL R., M.D., M.S., Clinical Assistant Professor
TALBOTT, RALPH, M.D., Clinical Assistant Professor (Rush)
WEATHERLY, HOWARD E., A.B., M.D., Clinical Assistant Professor
WEINBERG, JACK, M.D., Clinical Assistant Professor
WRIGHT, DONOVAN G., M.D., Clinical Assistant Professor

BELINSON, LOUIS, M.D., Clinical Instructor
 BROMBERG, MRS. RUTH L., M.S., Instructor and Clinical Psychologist
 COOKE, PAULINE, M.D., Instructor (Rush)
 HARMAN, DAVID, M.D., Clinical Instructor
 HOLLENDER, MARC, B.S., M.D., Clinical Instructor
 LIEBMAN, SAMUEL, M.D., Clinical Instructor
 RAISBECK, ALDEN, A.B., M.D., Clinical Instructor
 ROSENTHAL, MORRIS, M.D., Clinical Instructor
 STEPHENSON, WAYLAND A., M.D., Clinical Instructor
 TEPLITZ, ZELDA, M.D., Clinical Instructor
 VICTOR, SAMUEL, M.D., Clinical Instructor
 WEISDORF, WILLIAM, M.D., Clinical Instructor
 NORMAN, EDWARD C., M.D., Clinical Instructor
 BLOCK, BERNARD, Ph.D., M.D., Instructor (until December 31, 1950)
 LORIMER, FRANK MARTIN, M.D., Research Assistant
 GALVIN, JAMES A., M.D., B.S., Clinical Teaching Assistant
 LONGINI, JOAN, M.D., Ph.D., Assistant
 POLLOCK, GEORGE, Ph.D., Assistant
 DEVLIN, WILLIAM J., Ph.D., M.D., Assistant
 BERNSTEIN, MYRTLE L., M.S., M.D., Assistant
 ALTSCHUL, SOL, M.S., M.D., Assistant
 ROBERTSON, ROBERT, B.S., M.D., Assistant
 LEVINE, ROBERT, B.S., M.D., Assistant

Radiology

BEILIN, DAVID S., B.S., M.D., Clinical Assistant Professor
 BRAUN, BENJAMIN D., A.B., B.S., M.D., Clinical Assistant Professor
 CLARK, JOHN W., M.D., Clinical Assistant Professor (Rush)
 LEADER, SAMUEL A., B.S., M.D., Clinical Assistant Professor
 SLOBODIN, HARRY, A.B., M.D., Clinical Assistant Professor
 WILSON, AUDREY L., B.S., M.D., Clinical Assistant Professor
 CLARK, CARL E., M.D., Clinical Instructor¹
 IRISH, KEITH R., B.S., M.D., Clinical Instructor
 PANTONE, ANTON M., B.S., M.D., Clinical Instructor¹
 STARKMAN, NATHAN, M.D., Clinical Instructor
 STETSON, LAWRENCE J., B.S., M.D., Clinical Instructor
 ANDERSON, JOHN R., M.D., Assistant¹
 FRANCKE, PAUL, JR., M.D., Clinical Assistant (Rush)²
 FRANCKE, WALTER, M.D., Clinical Assistant (Rush)²
 GARRISON, HUGH, Assistant¹
 HEWITT, JOHN M., B.S., M.D., Clinical Assistant (Rush)²
 JUDY, WILLIAM S., B.S., M.D., Clinical Assistant¹

Surgery

DAVID, VERNON C., A.B., M.D., Professor (Rush), *Emeritus*
 DAVIS, CARL B., M.D., Professor (Rush), *Emeritus*
 MCARTHUR, SELIM W., Ph.B., M.D., Professor, *Emeritus*
 PERCY, NELSON M., M.D., Professor, *Emeritus*
 SPEED, KELLOGG, B.S., M.D., Professor (Rush), *Emeritus*
 VAUGHAN, ROGER T., Ph.B., M.D., Professor (Rush), *Emeritus*
 BAKER, HILLIER L., B.S., M.D., Clinical Professor (Rush)
 BAMBERGER, ARRIE, B.S., M.D., Clinical Professor
 MILLER, EDWIN M., A.B., M.D., Clinical Professor (Rush)
 NADEAU, OSCAR E., B.S., M.D., Clinical Professor
 STRAUS, FRANCIS H., B.S., M.D., Clinical Professor (Rush)
 FELL, EGBERT H., A.B., M.D., Clinical Associate Professor (Rush)
 GILCHRIST, RICHARD K., B.S., M.D., Clinical Associate Professor (Rush)
 GREELEY, PAUL W., A.B., M.D., Clinical Associate Professor
 GUY, CHESTER C., B.S., M.D., Clinical Associate Professor

¹ Also Resident at Research and Educational Hospitals.

² Also Resident at Presbyterian Hospital.

HAZLETT, WILLIAM H., M.D., Clinical Associate Professor
 JENKINS, HILGER P., B.S., M.D., Clinical Associate Professor
 JIRKA, FRANK J., M.D., Clinical Associate Professor
 KOUCKY, JOHN D., M.S., M.D., Clinical Associate Professor
 LAWTON, STANLEY E., B.S., M.D., Clinical Associate Professor (Rush)
 LYON, WILL F., A.B., M.D., Clinical Associate Professor
 McMILLAN, FOSTER L., B.S., M.D., Clinical Associate Professor
 ODEN, RUDOLPH J. E., A.B., M.D., Associate Professor, *Emeritus*
 SCHULTZ, LOUIS W., D.D.S., B.S., M.D., Clinical Associate Professor of Oral
 Surgery

SCUDERI, CARLO S., M.D., Ph.D., Clinical Associate Professor
 SEED, LINDON, M.S., M.D., Clinical Associate Professor
 SPIVACK, JULIUS L., M.D., LL.D., Clinical Associate Professor
 PROHASKA, JOHN VAN, B.S., M.D., Clinical Associate Professor
 ALMQUIST, CARL O., B.S., M.D., Clinical Assistant Professor
 BRANCH, CHARLES D., A.B., M.D., Clinical Assistant Professor
 BROWN, C. DAVID, B.S., M.D., Clinical Assistant Professor
 DIFFENBAUGH, WILLIS G., B.S., M.D., Clinical Assistant Professor
 DIGGS, ARTHUR E., A.B., M.D., Clinical Assistant Professor (Rush)
 DORSEY, JOHN M., B.S., M.D., Clinical Assistant Professor (Rush)
 GARSIDE, EARL, M.D., M.S., Clinical Assistant Professor
 JOANNIDES, MINAS, M.S., M.D., Clinical Assistant Professor
 JULIAN, ORMAND C., M.D., Ph.D., Clinical Assistant Professor
 MONROE, CLARENCE, B.S., M.D., Clinical Assistant Professor (Rush)
 OLWIN, JOHN, A.B., M.D., Clinical Assistant Professor (Rush)
 PARKER, MORRIS L., B.S., M.D., Clinical Assistant Professor
 PICK, JOHN F., B.S., M.D., Clinical Assistant Professor
 ROTH, HAROLD A., B.S., M.D., Clinical Assistant Professor
 SARNAT, BERNARD G., M.D., D.D.S., M.S., Clinical Assistant Professor of Oral
 Surgery

SHAMBAUGH, PHILIP, A.B., M.D., Clinical Assistant Professor
 STROHL, EVERETT L., M.D., M.S., Clinical Assistant Professor
 THOREK, PHILIP, B.S., M.D., Clinical Assistant Professor
 MEYER, HAROLD I., M.D., M.S., Clinical Assistant Professor
 THEIS, FRANK V., M.D., Clinical Assistant Professor (Rush)
 GREEN, RAYMOND, B.S., M.D., Clinical Associate
 MISHKIN, HERMAN L., B.S., M.D., Clinical Associate
 DAVIS, CARL B., JR., A.B., M.D., Clinical Instructor (Rush)
 DEPEYSTER, FREDERIC A., A.B., M.D., Clinical Instructor (Rush)
 EASTMAN, WARD H., B.S., M.D., Clinical Instructor
 EVERSON, TILDEN C., A.B., M.D., Clinical Instructor
 HANSELMAN, RUSSELL C., Ph.D., M.D., Clinical Instructor (Rush)
 HANSON, JOHN O., B.S., M.D., Clinical Instructor
 HARDT, HARRY G., JR., B.S., M.D., Clinical Instructor
 JENSIK, ROBERT J., M.S., M.D., Clinical Instructor
 KILBOURNE, BURTON, M.D., Clinical Instructor
 LOOBY, WILLIAM E., B.S., M.D., Clinical Instructor
 MEYER, ROBERT P., B.S., M.D., Instructor (Rush) (one year from 7-1-50)¹
 SCHREY, EDWARD L., B.S., M.D., Clinical Instructor
 SOUTHWICK, HARRY, B.S., M.D., Instructor²
 AMBROSE, ROBERT H., B.S., M.D., Assistant (Rush) (one year from 7-1-50)¹
 AUTEN, DONALD S., B.S., M.D., Assistant²
 BERMAN, EDWARD J., A.B., M.D., Assistant (Rush)¹
 BROWN, ARNOLD L., JR., M.D., Assistant (Rush) (one year from 7-1-50)¹
 BROWN, ROGER W., A.B., M.D., Assistant (Rush) (one year from 7-1-50)¹
 CROSS, JAMES H., A.B., M.D., Clinical Assistant
 ECONOMOU, STEVEN G., A.B., M.D., Assistant (Rush) (one year from 7-1-50)¹
 EHRLICH, ROBERT W., B.S., M.D., Assistant (Rush)¹
 GROVE, WILLIAM J., M.S., M.D., Clinical Assistant (one year from 7-1-50)
 HAMLIN, HOWARD M., A.B., B.S., M.D., Clinical Assistant (Rush)

¹ Also Resident at Presbyterian Hospital.

² Also Resident at Research and Educational Hospitals.

HARRIS, JACKSON, A.B., M.D., Assistant (Rush) (one year from 7-1-50)¹
 HILL, EDWARD J., JR., A.B., M.D., Clinical Assistant
 JAVID, HUSHANG, M.D., Assistant²
 JOHNSON, FRANK R., B.S., M.D., Assistant (Rush)¹
 JOHNSTON, ROBERT J., B.S., M.D., Assistant¹
 KOSTRUBALA, JOSEPH G., B.S., D.D.S., M.D., M.D.S., Clinical Assistant
 LASNER, JACK, B.S., M.D., Clinical Assistant
 LAWS, JOHN F., B.S., M.D., Assistant (one year from 7-1-50)¹
 MELLIS, RICHARD T., M.D., Assistant (Rush) (one year from 7-1-50)²
 MILROY, JOHN J., B.S., M.D., Clinical Assistant (Rush)
 MOSSEY, RICHARD O., M.D., Assistant (Rush)²
 O'KANE, CALVIN R., M.D., Assistant (Rush)²
 RAINEY, ROBERT, B.S., M.D., Assistant (Rush) (one year from 7-1-50)²
 SCHEIBE, JOHN R., M.D., A.M., M.S., Clinical Assistant
 TERRY, JOHN H., A.B., M.D., Assistant (Rush) (one year from 7-1-50)²
 TREMAINE, MYRON J., M.B., M.D., M.S., Clinical Assistant
 WERELIUS, CARL Y., B.S.M., M.D., Clinical Assistant
 WILKINS, WALTER J., JR., M.D., Assistant (Rush)¹
 WILLIAMS, JOHN I., B.S., B.M., M.D., Assistant (Rush) (one year from 7-1-50)¹

Division of Urology

HERBST, ROBERT H., M.D., Professor (Rush), *Emeritus*
 KRETSCHMER, HERMAN L., Ph.G., M.D., Professor (Rush), *Emeritus*
 HECKEL, NORRIS J., A.B., M.D., Clinical Professor (Rush)
 BUCKMAN, EDWARD, B.S., M.D., Clinical Associate Professor (Rush)
 MERRICKS, JAMES W., JR., A.B., B.S., M.D., Clinical Associate Professor (Rush)
 BAUMRUCKER, GEORGE O., B.S., M.D., Clinical Assistant Professor
 COTTRELL, THOMAS, M.D., Clinical Assistant Professor (Rush)
 RITCH, COLQUITT O., B.S., M.D., Clinical Assistant Professor
 RUDNICK, DORRIN F., B.S., M.D., Clinical Assistant Professor
 SCHACHT, FREDERICK, B.S., M.D., Clinical Assistant Professor
 DRABANSKI, JOSEPH S., B.S., M.D., Clinical Associate
 GAINES, REUBEN B., A.B., M.D., Clinical Instructor (Rush)
 RIEGER, IRWIN T., B.S., M.D., Instructor (Rush) (one year from 7-1-50)¹
 BAYLOR, JOHN E., A.B., B.M., M.D., Clinical Assistant (Rush)
 COTTRELL, THOMAS L. C., JR., B.S., M.D., Assistant (Rush) (one year from 7-1-50)¹
 ROSSO, WAYMAR A., B.S., M.D., Assistant (Rush) (one year from 7-1-50)¹
 STIKA, EDWARD A., M.D., Assistant (Rush) (one year from 7-1-50)¹

Division of Anesthesia

LYONS, MARY M., M.D., Clinical Associate Professor (Rush)
 CURRY, GORDON W., B.S., M.D., Clinical Assistant Professor (Rush)
 GITTELSON, LLOYD A., M.D., M.S., Clinical Assistant Professor
 KRECHMER, H. E., Clinical Assistant Professor
 HALL, BETTY T., B.S., B.M., M.D., Clinical Instructor (Rush)
 ROBERTS, GEORGE, A.B., B.S., M.D., Clinical Instructor (Rush)
 SMITH, ELIZABETH J., A.B., M.D., Clinical Instructor (Rush)
 STAFFORD, WILMA C., B.S., M.D., Clinical Instructor (Rush)
 DE LIRA JIMENEZ, RUBEN, B.S., M.D., Assistant (Rush) (one year from 7-1-50)¹
 KAHAN, PAUL, B.S., M.D., Assistant (one year from 7-1-50)²
 LOPEZ, ROBERTO G., M.D., Assistant (one year from 7-1-50)²
 RABELO MARTIN, JOHN, B.A.S., M.D., Assistant (one year from 7-1-50)¹
 NELSON, JOHN T., B.M., M.D., Assistant²
 RODRIGUEZ, DOUGLAS D., B.S., M.D., Assistant (Rush)¹
 SEN, ARUN K., A.B., I.Sc., M.B., Assistant²
 TENNANT, MAURICE M., B.S., M.D., Assistant (Rush) (one year from 7-1-50)²
 WEISS, KENNETH S., B.M., M.D., Assistant²

On motion of Dr. Meyer, these appointments were approved.

¹ Also Resident at Presbyterian Hospital.

² Also Resident at Research and Educational Hospitals.

ADVISORY COMMITTEE FOR THE COLLEGE OF VETERINARY MEDICINE

(3) The Dean of the College of Veterinary Medicine recommends the appointment of the following to the Advisory Committee of that College for one year beginning September 1, 1950:

C. E. DILLE, Cairo
WAYNE DINSMORE, Chicago
C. C. HASTINGS, Williamsville
J. B. JAFFRAY, Chicago
G. W. JENSEN, Antioch
DELBERT H. KINGSTON, Cary

A. A. LEGNER, Sandwich
OSCAR LINN, Canton
R. V. MCKEE, Varna
R. A. THOMPSON, Clinton
H. P. WESSELS, Geneva

I concur.

On motion of Mr. McLaughlin, these appointments were approved.

APPOINTMENT OF BUSINESS MANAGER OF THE ATHLETIC ASSOCIATION

(4) The Board of Directors of the Athletic Association has appointed Mr. Henry F. Thornes, Assistant Bursar in the Business Office of the University, as Business Manager of the Athletic Association, effective September 1, 1950, at an annual salary of \$6,600. Mr. Thornes will continue to serve as Assistant Bursar on one-tenth time during the year beginning September 1, 1950, and will serve as Business Manager of the Association on nine-tenths time. The Association will pay \$6,000 of his salary and the University, \$600. After September 1, 1951, Mr. Thornes will be on full time with the Athletic Association.

I recommend that the action of the Board of Directors be confirmed.

On motion of Mr. Livingston, this appointment was confirmed.

FEE FOR SCHOOL CHILDREN PARTICIPATING IN PRACTICE TEACHING COURSE IN PHYSICAL EDUCATION

(5) The Committee on Fees and Scholarships recommends establishment of a new fee of \$6.00 a semester to be charged elementary school children accepted for enrollment, in order of their application, in a practice teaching course, Rhythmic Activities for Children (P.E.W. 243) offered by the Department of Physical Education for Women to give prospective teachers practice teaching experience in this specialty.

I concur.

On motion of Mr. Fornof, this fee was authorized.

REAPPROPRIATION OF ADDITIONAL UNEXPENDED BALANCES

(6) The Comptroller recommends that the following unexpended balances in appropriations by the Board of Trustees for the fiscal year 1949-1950 for services and projects not completed as of June 30, 1950, be reappropriated for the fiscal year beginning July 1, 1950. (These are in addition to the reappropriations approved by the Board on July 25, 1950.)

Urbana-Champaign

Agronomy — special equipment.....	\$ 3 526
Physics — special equipment.....	3 500
Prevailing wage rate increases.....	131 558
Auditorium — organ console.....	644
Zoology — animal sheds.....	1 664
<i>Total Urbana-Champaign.....</i>	<i>(140 892)</i>

Chicago Professional Colleges

Research and Educational Hospitals.....	1 209
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Chicago Undergraduate Division

Physical Plant.....	2 025
<i>Grand Total.....</i>	<i>\$144 126</i>

I concur.

On motion of Mr. Hickman, these balances were reappropriated, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stevenson.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(7) The Committee on Nonrecurring Appropriations recommends assignments of funds for the following purposes:

Urbana-Champaign

- | | |
|---|----------|
| 1. Furniture and equipment, Institute of Government and Public Affairs..... | \$ 3 377 |
| 2. Remodeling, improvements, and relocation of offices in Illini Hall and in the Administration Building..... | 100 000 |
| 3. Replacement of roofs, George Huff Gymnasium, Ceramics Building, and Administration Building (East)..... | 78 160 |
| 4. Remodeling Davenport House for the Health Service..... | 3 200 |

Chicago Professional Colleges

- | | |
|--|------------------|
| 5. Coding of medical records..... | 4 000 |
| <i>Total from General Reserve Fund.....</i> | <i>(188 737)</i> |
| 6. Microscopes, Department of Medicine..... | 5 800 |
| 7. Infrared spectrophotometer, Department of Biological Chemistry..... | 5 500 |
| 8. Purchase and installation of equipment, Department of Bacteriology..... | 23 350 |
| <i>Total from State Appropriations for Buildings, Equipment, and Other Capital Improvements.....</i> | <i>(34 650)</i> |
| <i>Grand Total.....</i> | <i>\$223 387</i> |

It is recommended that assignments for Items 1 to 5, inclusive, be made from the General Reserve Fund and that the others be made from state appropriations for buildings, equipment, and other capital improvements, subject to the release of funds by the Governor.

I concur.

These proposed improvements have been carefully studied by the Committee on Nonrecurring Appropriations. Reports of the Committee, giving details on each item, are submitted herewith.

On motion of Dr. Meyer, these appropriations were made, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stevenson.

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

(8) The Governor has approved the following releases of funds from appropriations made to the University of Illinois for 1949-1951 for buildings and other capital improvements.

Release No. 38

"For Permanent Improvements at Chicago—Construction of utility distribution system and remodeling of existing buildings"..... \$22 400
 This is a partial release from an appropriation of \$190,000. The Governor has previously released (Releases Nos. 10, 26, 28, and 35) \$87,792 from this appropriation and also (Release No. 21) \$97,790 from the appropriation of \$550,000 for "Contingencies" for the remodeling of quarters for the Department of Biological Chemistry in the Dentistry, Medicine, and Pharmacy Building in Chicago and the extension of the electrical distribution system. The funds now released are for remodeling structures, owned by the Univer-

sity, on West Taylor Street in Chicago to provide additional office space in the Physical Plant Department and the architectural office and to provide a location for the paint shop that has to be moved due to the construction of the hospital addition.

Release No. 39

"For Permanent Improvements at Urbana-Champaign — Construction of extensions to the Utility Distribution Systems"..... \$41 000
This is a partial release from an appropriation of \$375,000. The Governor has previously released (Releases Nos. 12 and 37) \$150,000 from this appropriation for architectural and engineering services in connection with this project, modernization of transformer vaults at Davenport Hall and Natural History Building, equipment and miscellaneous work incidental to construction of the Animal Sciences Laboratory and the Veterinary Medicine Building, and supplemental labor. The funds now released are for the construction of concrete duct runs as part of the extension of the utility distribution system.

Release No. 40

"For Equipment for Buildings at Urbana-Champaign and Chicago".... \$22 250
This is a partial release from an appropriation of \$680,000. The Governor has previously released (Releases Nos. 2 and 18) \$112,353.65 from this appropriation. The funds now released are for the purchase of a Tiselius electrophoresis apparatus for the College of Medicine and dental chairs for the College of Dentistry.

I recommend that these funds be appropriated by the Board for the purposes indicated.

On motion of Mr. McLaughlin, these funds were appropriated, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stevenson.

ADDITIONAL MEN'S RESIDENCE HALL UNIT

(9) It is recommended as the initial step in the expansion of permanent housing facilities for undergraduate men to construct a residence for 240 students immediately south of the present Men's Residence Hall. The structure proposed would provide barracks-type housing, which could be made available to students at a cost less than is required in the conventional type of residence halls, and it would not include food service facilities. A preliminary estimate of the cost of such a building is \$558,000. It can be financed in part by a bond issue but will require an appropriation of \$198,000.

To complete the studies of this project, the Director of the Physical Plant and the Comptroller recommend award of a contract to Skidmore, Owings, and Merrill, architects, Chicago, for architectural services at a fee of 6 per cent of the cost of the construction work for which they prepare the plans and specifications, plus the travel and living expenses of a resident superintendent while on the job.

I concur in this general program and recommend further that:

1. The proposed project be approved in principle subject to final approval after plans have been completed and bids taken.
2. The Comptroller and the Secretary of the Board be authorized to execute this contract with Skidmore, Owings, and Merrill on the basis of 6 per cent of the construction cost for complete architectural services, the full amount to be payable only if the project goes to completion.
3. An appropriation of \$27,000 be made from the General Reserve Fund for the cost of this architectural contract to the point of taking bids; this appropriation will provide for payment of 75 per cent of the total architects' fee and such costs as will be incurred by the Physical Plant Department.

On motion of Mrs. Watkins, these recommendations were approved, and an appropriation of \$27,000 was made from the General Reserve Fund for architectural services, by the following vote: Aye, Mr. Forno, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stevenson.

CONTRACTS FOR MINOR ALTERATIONS

(10) During the period July 1, 1946, to June 30, 1949, the Board of Trustees approved on a year-to-year basis a procedure on cost-plus contracts for minor alterations and remodeling in the Urbana-Champaign Division. The work under the contracts was initiated on individual order by the Physical Plant Department, approved by the Comptroller within Board appropriations for jobs which were so small or of such a character as to make competitive bidding impractical, and not exceeding \$5,000.

The procedure was discontinued beginning July 1, 1949, because it was anticipated that the majority of the small jobs could be done by University labor. It has been found that this can not be done without serious work omissions elsewhere, and the Director of the Physical Plant and the Comptroller recommend the return to the above procedure for the year 1950-1951. The handling of such remodeling on cost-plus contracts has the advantage of permitting immediate initiation of work after the Board has approved the appropriations and eliminates the need for more involved drawings and specifications required in connection with fixed small bids.

The Director of the Physical Plant recommends the award of the following cost-plus contracts based on competitive bids (schedule attached) for the year 1950-1951 with no orders being placed under these contracts after June 30, 1951, and all alterations for specific projects to be handled in accordance with the above procedure:

General work — E. N. DeAtley Company, Champaign, and Clarence Siems Company, Urbana

Plumbing and heating work — Reliable Plumbing and Heating Company, Champaign, and E. M. Hays Plumbing and Heating Company, Champaign

Electrical work — Anderson Electric Company, Danville, and Square Deal Electric Company, Urbana

Ventilating work — Schroeders' Ventilating Company, Champaign

I concur in this recommendation and request that the Comptroller and the Secretary of the Board be authorized to execute these contracts and that the Comptroller report regularly to the Board all projects initiated under these contracts.

On motion of Mr. McLaughlin, authority was given, as recommended.

CONTRACT FOR EXTENSION OF HIGH-PRESSURE GAS SERVICE

(11) The Director of the Physical Plant and the Comptroller recommend authorization of a contract with the Illinois Power Company for the extension of a six-inch high-pressure gas main from the Company's pipe line at the corner of Fourth and Healey Streets, Champaign, to a reducing station (new valve, regulator, and meter enclosure) to be constructed on the campus near the Transportation Building. The estimated total cost of this project is \$15,000, of which an estimated \$10,500 will be for the extension of the high-pressure gas main. Under regulations of the Illinois Commerce Commission, the extension of the gas main must be done by the Illinois Power Company. The Company has an agreement with labor unions to deal with one contractor, E. K. McDonald of Decatur, Illinois. The Company can not contract for this work on a firm price but proposes to do it under the following conditions:

1. Reimbursement to the contractor for contract labor plus 25 per cent on said labor to include all contractor's overhead expense and profit.

2. Reimbursement to the Illinois Power Company for their labor, material, and equipment rental and protection.

3. Payment to the Illinois Power Company of 15 per cent on the total of the above costs to cover their engineering, layout, superintendence, and other services.

Funds are available in the state appropriation for "Additions to Power and Heating Plant and remodeling of existing buildings."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract, subject to the release of funds by the Governor.

On motion of Mr. Fornof, authority was given, as recommended.

CONTRACT FOR DIRECT CURRENT ELECTRIC SERVICE EQUIPMENT

(12) Direct current electric service required for research work is supplied by an obsolete motor generator located in the old engine room of the Physical Plant Service Building and loaned to the Physical Plant Department by the Department of Mechanical Engineering many years ago. Because of its own increased requirements for direct current service, the Department wishes to recall the motor generator. Even though it is obsolete and manually controlled, it has sufficient capacity to supply the intermittent demands for D.C. electric service of the Department of Mechanical Engineering. It is, therefore, necessary to purchase and install one large motor generator set with automatic controls to supply the increasing demand for D.C. electric service in other departments. Estimated cost of this project is \$25,000.

Funds are available in the state appropriation for "Additions to Power and Heating Plant and remodeling of existing buildings."

The Director of the Physical Plant and the Comptroller recommend award of contracts as follows:

Motor generator set — Allis-Chalmers Manufacturing Co., Chicago.....	\$8 095 26
Synchronous motor control cabinet — Westinghouse Electric Corporation, Chicago.....	4 511 00
Air-fused interrupter switch — Westinghouse Electric Corporation, Chicago.....	1 141 00

These bids are subject to a maximum escalation of 10 per cent or a maximum total of \$6,217.20.

D.C. generator control switchgear — General Electric Company, Schenectady, New York.....	4 546 00
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This bid is subject to a maximum escalation of 10 per cent.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts, subject to the release of funds by the Governor.

On motion of Mr. Livingston, authority was given, as recommended.

CONTRACT FOR FEED STORAGE WAREHOUSE

(13) The Director of the Physical Plant and the Comptroller recommend award of the following contracts for the construction of a Feed Storage Warehouse at the Feed Cattle Barns, one of the projects included in the state appropriation for "Construction of agricultural structures and remodeling present agricultural buildings." This project has already been approved by the Board of Trustees (Minutes, January 12, 1950, page 965), and the funds have been released by the Governor.

General work — Contracting Construction Company, Danville.....	\$23 019
Electrical work — Brunkow Electric Company, Champaign.....	875

These are the low bids.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

On motion of Mrs. Watkins, authority was given, as recommended.

CONTRACT FOR UTILITIES DISTRIBUTION SYSTEM AT URBANA

(14) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$14,873 to the Leverenz Electric Company, Danville, the lowest bidder, for modernization of the transformer vault in the Library as part of the Utilities Distribution System construction at Urbana. The total cost of this improvement is estimated at \$19,000, but the remainder of the work in addition to this contract for electrical work will be done by Physical Plant Department labor.

Funds are available in the state appropriation for "Construction of extensions to the Utility Distribution Systems" at Urbana.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract, subject to the release of funds by the Governor.

On motion of Mr. McLaughlin, authority was given, as recommended.

CONTRACT FOR REMODELING OF QUARTERS FOR THE DEPARTMENT OF BACTERIOLOGY AT THE CHICAGO PROFESSIONAL COLLEGES

(15) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$4,750 to the Perry Construction Company, Inc., Chicago, the lowest bidder, for remodeling of Rooms 66, 69, 364, and 369 of the Dentistry, Medicine, and Pharmacy Building. This remodeling is needed by the Department of Bacteriology in connection with its research work in viruses.

Funds are available in the state appropriation for "Permanent Improvements at Chicago — Construction of Utility Distribution System and remodeling of existing buildings."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract, subject to the release of funds by the Governor.

On motion of Dr. Meyer, authority was given, as recommended.

CONTRACT FOR REPLACEMENT OF SIDEWALKS AND CURBS AT THE CHICAGO PROFESSIONAL COLLEGES

(16) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$2,219 to the T. A. Rehnquist Company, Chicago, the lowest bidder, for the replacement of sidewalks and curbing at the northwest corner of Polk and Hermitage Streets in Chicago. The sidewalks and curbs at this corner have deteriorated to such an extent that they are a hazard to pedestrians.

Funds are available in the Physical Plant Department budget for this repairing.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Holt, authority was given, as recommended.

ADDITION TO PLUMBING CONTRACT FOR ANIMAL SCIENCES LABORATORY

(17) The Director of the Physical Plant and the Comptroller recommend an increase of \$3,934.46 in the contract with Bellis and Miller, Champaign, for plumbing work in the construction of the Animal Sciences Laboratory to provide for the installation of a water main from Gregory Drive to the new building.

The provision of water service from the mains to the building was not included in the base contract because the engineering work on this installation had not been completed at the time contracts were awarded. The architects have approved the contractor's estimate of the cost of this installation.

Funds are available in the state appropriation for construction of this building.

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mr. McLaughlin, authority was given, as recommended.

ADDITION TO GENERAL CONTRACT FOR ANIMAL SCIENCES LABORATORY

(18) The Director of the Physical Plant and the Comptroller recommend an increase of \$2,245.10 in the contract with the Sumner S. Sollitt Construction Company for the construction of the Animal Sciences Laboratory to provide for waterproofing of certain floors. This was not included in the plans and specifications. It has now been determined that use of five rooms will require cleaning by drenching them with water, so that the floors in these rooms should be treated with membrane waterproofing to prevent leaks to the rooms below. The contractor has offered to do the additional work for the amount indicated, and the architects advise that it is a reasonable estimate.

Funds are available in the state appropriation "Construction of Animal Science Laboratory."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Livingston, authority was given, as recommended.

ADDITION TO GENERAL CONTRACT FOR CONSTRUCTION OF VETERINARY MEDICINE BUILDING

(19) The Director of the Physical Plant and the Comptroller recommend an increase of \$2,800 in the contract with the John Felmley Company for the construction of the Veterinary Medicine Building to provide for weather-stripping of windows.

When the plans and specifications for this building were sent out for bids, a number of items, including weather-stripping for exterior windows, were omitted to keep the cost of the building within the state appropriation. It is now clear that sufficient funds will be available for some of these items. The quotation of \$2,800 for weather-stripping has been checked by the architects for the building and they consider it a fair price. It is estimated that weather-stripping the exterior windows will reduce the heating cost approximately \$400 a year.

Funds are available in the state appropriation for "Construction of Veterinary Medicine unit."

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mr. Hickman, authority was given, as recommended.

REPORT OF FACT-FINDING COMMITTEE ON WAGE RATES TO BE SPECIFIED IN CONSTRUCTION CONTRACTS AT ROBERT ALLERTON PARK

(20) The fact-finding committee¹ appointed to make an investigation of wage rates in Piatt County to be paid for construction work at Robert Allerton Park and to report on the same to the President of the University and to the Board of Trustees has made its report, a copy of which is submitted herewith.

Springfield, Illinois
July 31, 1950

*To The President and
Board of Directors
University of Illinois
Champaign, Illinois*

Re: Report of Fact Finding
Committee, Allerton Park

In accordance with the instructions of the Board of Trustees, we have held extensive hearings, open to anyone who felt he had an interest, and arrived at the following conclusion:

We find that it is a fact that the rates paid for work in the building trades

¹ The committee members are Mr. Robert L. Gordon, former Director of the Illinois State Department of Labor, who was appointed by the Illinois State Federation of Labor; Mr. Donald E. Dickason, Director of Nonacademic Personnel at the University of Illinois, who was appointed by the President of the University; and Mr. Winfield F. Meyer, Deputy Director of the State Department of Public Welfare, who was selected by the first two.

and crafts in Piatt County Illinois are subject to so much variation that it is not possible to establish single rates as prevailing.

We find that it is a fact that elsewhere in the State of Illinois, under conditions comparable to those at Allerton Park, that the responsible public bodies or agencies have accepted as the prevailing rates, the rates established as the union rates under agreements with the union in whose jurisdictional territory these respective institutions and properties lie.

The Committee recommends to the Board that it proceed in accordance with all the facts outlined above.

ROBERT L. GORDON
DONALD E. DICKASON
W. F. MEYER, *Chairman*

I recommend that, consistent with its present policy, the University proceed according to the finding stated in the first paragraph of the Committee's conclusion in awarding contracts for construction work at Robert Allerton Park.

On motion of Mrs. Watkins, this recommendation was approved.

REQUEST OF MCKINLEY MEMORIAL PRESBYTERIAN CHURCH FOR USE OF UNIVERSITY AUDITORIUM

(21) The McKinley Memorial Presbyterian Church at Fourth and John Streets, Champaign, is rehabilitating and enlarging its church building which will be out of service for approximately seven months from November 1, 1950. The officials of the church have requested the use of a University building (either Smith Music Hall or the Auditorium) each Sunday from approximately 10:00 a.m. until 12:15 p.m. during this period so that they may continue church services.

Although it is contrary to the Statutes of the University to rent campus facilities to local, outside organizations, an exception was made by the Board of Trustees in 1932 when the University Place Christian Church was permitted to use a University building following the loss of its church building by fire.

I recommend that permission be granted the McKinley Memorial Presbyterian Church to use the University Auditorium during the period indicated with the understanding that the church will reimburse the University for direct costs resulting from such use and that officials of the church will be responsible for complying with all applicable University regulations. Representatives of the church have indicated their willingness to do this.

On motion of Dr. Meyer, this recommendation was approved.

BEQUEST OF JESSIE E. HACKETT

(22) The will of the late Mrs. Jessie Ellars Hackett, of Tuscola, recently filed with the County Clerk of Douglas County, includes the following bequest to the University of Illinois:

SIXTH: I give, devise, and bequeath unto the Trustees of the University of Illinois, at Urbana, Illinois, the following described real estate, to be disposed of as directed in Paragraph Seventh hereafter:

Twenty-four and one-half ($24\frac{1}{2}$) acres off of the South side of the West Half of the Southeast Quarter of Section Six (6), Township Fifteen (15) North, Range Seven (7) East of the Third Principal Meridian;

Also, Twenty-four and one-half ($24\frac{1}{2}$) acres off the South side of Lot One (1) of the Southwest Quarter of Section Six (6), Township Fifteen (15) North, Range Seven (7) East of the Third Principal Meridian;

Also, Thirty-nine and two-thirds ($39\frac{2}{3}$) acres off of the South side of Lot Two (2) of the Southwest Quarter of Section Six (6) Township Fifteen (15) North, Range Seven (7) East of the Third Principal Meridian;

Also, the Southwest Quarter of the Southeast Quarter of the Southeast Quarter of Section Six (6), Township Fifteen (15) North, Range Seven (7), East of the Third Principal Meridian;

Also, the Northwest Quarter of the Southeast Quarter of the Southeast Quarter of Section Six (6), Township Fifteen (15) North, Range Seven (7) East of the Third Principal Meridian;

Also, the East Half of the Southeast Quarter of the Southeast Quarter of

Section Six (6), Township Fifteen (15) North, Range Seven (7), East of the Third Principal Meridian;

Also, the Southwest Quarter of the Southwest Quarter of Section Five (5), Township Fifteen (15) North, Range Seven (7), East of the Third Principal Meridian;

Also, commencing Forty-eight and $72/100$ (48.72) poles North of the Southwest corner of Section Six (6), Township Five (5) North, Range Seven (7) East of the Third Principal Meridian, thence East 288 poles parallel with Section line to the West line of the East Half of the Southeast Quarter of said Section Six (6), thence North with said line 48 poles and 25 links; thence West 288 poles to range line, thence South 48 poles and 25 links to place of beginning, containing Eighty-seven and $19/100$ (87.19) acres, more or less;

All of the above described real estate located in Douglas County, Illinois.

Also, Lot One (1) of the Northeast Quarter, and the North Half of the Southeast Quarter; all in Section One (1), Township Fifteen (15) North, Range Six (6), East of the Third Principal Meridian, Moultrie County, Illinois.

SEVENTH: I give the real estate described in the foregoing paragraph to the Trustees of the University of Illinois without restriction, except as hereinafter set forth. Said Trustees may sell said real estate, or operate the same as in their discretion shall seem best, for the uses and purposes hereinafter set forth. In case said land is sold, the Board of Trustees of the University of Illinois, may invest and reinvest the funds derived from such sale in such securities as in their best judgment shall combine safety of principal and satisfactory income without regard to any law of this state concerning the investment of trust funds, now or hereafter in effect. In any event, the real estate itself, or the funds derived from the sale thereof, shall be kept intact and only the income therefrom shall be used. Such income will be placed in a fund to be known as the "Jessie Ellars Hackett Scholarship Fund," and shall be used for scientific research work in the College of Agriculture, or any other College in the University of Illinois, at Urbana, Illinois, where such research will especially benefit agriculture; such scholarships shall be granted to students of either sex on the basis of high scholastic standing, with preference given to those in actual need of assistance. They shall be restricted to unmarried citizens of the United States, of good, moral character, and sound physical health, preference to be given to students from Douglas County, Illinois, if any are eligible. The Board of Trustees of the University of Illinois, or their duly authorized agent, or officer, shall determine the eligibility of all applicants for scholarships.

Nichols and Jones, Attorneys at Law of Tuscola, are attorneys for the estate.

I recommend that this bequest be accepted.

On motion of Mr. McLaughlin, this bequest was accepted.

BEQUEST OF DR. AND MRS. SAMUEL M. WYLIE

(23) The joint will of the late Dr. Samuel M. Wylie and his wife, Mrs. Emily J. Wylie, of Paxton, makes the University of Illinois the beneficiary of certain property in the event the Carnegie Public Library at Paxton, named as prior legatee, fails to provide facilities for proper housing of the property. Since the Carnegie Public Library at Paxton was unable to provide such facilities, the University has accepted the library, the cases in which the books are housed, an oil portrait of Napoleon, two framed bronze plaques, three swords, and two guns. The selection of the property was made by Professor R. B. Downs, Director of the University Library.

I have authorized the acceptance of this property and request confirmation of my action. I also recommend that suitable recognition of the gift be made by identifying each display of the articles composing this bequest with a notation that it is the gift of Dr. Samuel M. Wylie, of Paxton.

A letter expressing the thanks of the University for the gift has been sent to Mrs. Frances Wylie Condit, of Rantoul, Illinois, heir of the estate, with the request that she extend the appreciation of the University to the other heirs.

On motion of Mrs. Watkins, this bequest was accepted.

DECISION OF THE CIRCUIT COURT OF COOK COUNTY IN THE CASE OF IDA B. BLACKBURN, ET AL., VS. THE BOARD OF TRUSTEES

(24) When the Research and Educational Hospitals were operated jointly by the University and the State Department of Public Welfare, the Department provided elementary school instruction for crippled children who were patients in the Illinois Surgical Institute. The teaching positions were under State Civil Service. When the University took over the complete management and operation of the Hospitals, it also took over all the employees formerly in the Department of Public Welfare, including three teachers.

In 1948 the University decided to discontinue the function of providing instruction for children patients in the Hospitals on the ground that this is a responsibility of the Board of Education of Chicago. The three teaching positions were discontinued and the teachers were given "layoff" notices on July 1, 1948.

These teachers instituted mandamus proceedings in the Circuit Court of Cook County challenging the right of the University to discontinue the teaching function. Subsequently, the Board of Education of Chicago became a defendant in this case.

In a decision handed down on September 8, 1950, Judge Harry M. Fisher of the Circuit Court of Cook County sustained motions of counsel for the University and the Board of Education of Chicago to dismiss the complaint and thereby in effect held (a) that the University has a right to abolish and discontinue the teaching of children patients of the Illinois Surgical Institute for Children and (b) that the University may permit and the Chicago Board of Education may undertake a teaching program for such children.

The plaintiffs were given twenty days within which to file an amended complaint. If they do not file an amended complaint within that time, the case will finally be dismissed. However, the plaintiffs could appeal the decision to the Appellate and to the Supreme Courts.

This report was received for record.

PURCHASES

(25) The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One precision surface grinder, hand feed type, capacity 6"x18", grinding wheel 8" x 3/4" maximum 10" vertical feed; one 1/4 h.p., 220-volt, 60-cycle, three-phase motor in base equipped with magnetic chuck as per University specifications	Radiology Betatron	Brown & Sharpe Co., Providence, R.I.	\$1 809 80 f.o.b. Providence, R.I.
20 microscopes, stereoscopic, wide-field, inclined eyepiece body, detachable base, 10X widefield eyepieces, 1.0X, 4.0X, 6.0X paired objectives in dustproof sliding nosepiece, engraved (less allowance for 20 obsolete microscopes, stereoscopic, Greenough)	Entomology	Lukas Microscope Service, Skokie	5 534 40 f.o.b. Urbana
30 Spencer 35 mh. or equivalent, Bausch and Lomb medical microscopes with 10X ocular, triple nosepiece, 16 mm.-4mm., 1.8 oil immersion objectives, Abbe N. A. 1.25 condenser rack and pinion, focusing plane, concave mirror mechanical stage complete, less carrying cases, less allowance for 16 obsolete microscopes to be traded in	College of Medicine	Arthur S. LaPine and Co., Chicago Engraving Total	5 734 50 27 00 (5 761 50) f.o.b. delivered

Item	Department	Vendor	Cost
One projection microscope, Vickers type, 25X to 4000X, bright, dark field, and polarized light examination, complete with arc light and pointolite source, optics and accessories	Mining and Metallurgical Engineering	R. Y. Ferner Co., Inc., Chicago	3 363 50 f.o.b. Boston, Mass.
Two research microscopes, low fine adjustment, inclined binocular and single bodies, mechanical R stage, N. A. 1.30 condenser and centering mount, triple revolving nosepiece, apochromatic objectives, 16 mm., 4 mm., 2 mm., compensating oculars (paired) 5X and 10X, case, engraved	Agronomy	E. H. Sargent & Co., Chicago W. H. Kessel & Co., Chicago Total	1 103 00 1 103 00 (2 206 00)
One spectrograph, Littrow type, large quartz and glass prisms, fully automatic, spectrum range 1,910 to 12,000 Angstrom, continuous focus by single adjustment with indicating wavelength drum and accessories, including supervision of installation and initial operation	Agronomy	National Spectrographic Laboratories, Cleveland, Ohio	17 639 12 f.o.b. Boston and Cleveland
One intensifier, high-pressure, with shrinking jacket suitable for use with pressures up to and including 200,000 pounds per square inch	Chemistry	Harwood Engineering Co., Inc., Walpole, Mass.	1 075 00 f.o.b. Brighton, Mass.
32 Ritter model K or S. S. White No. 3 diamond foot dental chairs, clinic model with simplified head rest, stationary toe piece and standard A.D.T.A. ivory tan finish, and six chairs, children's model, less allowance for 38 old S. S. White chairs	College of Dentistry	S. S. White Dental Manufacturing Co., Chicago	14 535 00 delivered and installed
One infant cephalometer to be constructed to our specifications	Division of Services for Crippled Children	B. F. Wehmer, North Lake	2 350 00 delivered and installed
177 16 mm. sound films, including both black and white and colored, for rental to schools and colleges on a self-supporting basis	Visual Aids Service	Coronet Films, Chicago	9 067 50
One magnetic drum for digital computer	Graduate College Computer	University of California, Berkeley, Calif.	3 500 00
14 coaxial speakers, 25 watts power, 8 ohm impedance, 50-10,000 cycles response — 90 degree dispersion, 1,000 cycles cross-over network with 12" weather-proof cones; seven matching transformers, 50 watt, primary 250-500 ohms, secondary 2-4-8-16 ohms	Physical Plant	Newark Electric Co., Chicago	1 365 84 f.o.b. delivered
Laboratory furniture consisting of base cabinets, table tops, back drops, reagent shelves, and service outlets for electricity, gas, and air	Food Technology	Laboratory Furniture Co., Long Island, N.Y.	4 151 92 f.o.b. Urbana
245 tons (approximately) southern Illinois stoker coal to be delivered to the T buildings in Illini Village as required during the 1950-1951 heating season	Residence Halls	LeBaugh Coal Co., Urbana	2 278 50 (approximate)
65,000 gallons (approximately) No. 3 fuel oil to be delivered to the University Airport during the period September 1, 1950, through April 30, 1951	Institute of Aviation and Aeronautical Engineering	Stewart Oil Co., Champaign	7 434 87 (approximate) f.o.b. delivered
1,000 sets (approximate) of 50 sheets each, student data sheets to be offset printed as required from October 1, 1950, to April 1, 1951	College of Engineering	Edwards Brothers, Ann Arbor, Mich.	2 950 00 f.o.b. Urbana
50 dozen white laboratory coats, eight ounce bleached sanforized twill, equal in workmanship to Whitehouse No. 423 with attached plastic buttons	Chicago Professional Colleges Stores	Ottenheimer & Co., Chicago	1 861 50 delivered and including tax

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
23 police uniforms consisting of coats, trousers, two caps, and overcoats	Physical Plant	De Moulin Bros. & Co., Greenville	2 864 65 f.o.b. Urbana
Four portable lowerators on casters, capacity 150 14" x 18" cafeteria trays	Residence Halls	Twin City Equipment Co., Champaign	1 496 00 f.o.b. Urbana
Complete rebuilding of model B Steinway grand piano serial No. 262206	School of Music	Steinway & Sons, New York, N.Y.	1 200 00 (esti- mate)
Furnish necessary labor, material, and equipment to make ten test borings on the site of the proposed Pharmacy Building adjacent to West Polk Street and South Wood Street, Chicago	Physical Plant	Lake States Engineering Corp., Chicago	2 200 00 (esti- mate)
716 12" x 15" x 36" double tier steel lockers, standard legs, green finish, padlock attachments (no locks), flat tops, number plates	Physical Education for Men	Jack Sheean, Bloomington	4 650 44 delivered and installed
Partitions for Agronomy Greenhouse in accordance with specifications prepared by the Physical Plant Department	Physical Plant	National Greenhouse Co., Pana	1 315 00 f.o.b. Urbana
One North American AT-6 airplane, federal registration No. N 63625, manufacturer's serial No. 59-1948, equipped as an instrument flight trainer, both front and rear cockpits, with the exception of clocks; also, complete with two-way radio and ADF equipment	Institute of Aviation	Franklyn McCormack, Chicago	2 600 00
One tractor, Allis-Chalmers model W. D., complete with 12-28 rear tires, fluid included and belt pulley with power take-off; to replace an old Caterpillar tractor, model 22	Agricultural Administration	Raymond Hale Implement Co., Grand Chain	1 567 00 f.o.b. Dixon Springs
One tractor, Allis-Chalmers model B, with mower, heavy-duty 6-foot bar and three extra sickles; to replace an old John Deere tractor, model LI, and mower, model 7-D	Dixon Springs Experiment Station	Neal & Whalen, Metropolis	1 069 00 f.o.b. Dixon Springs
One Ford V-8 ½ ton pickup truck with 4-speed transmission, overload springs, heater and defroster, oil bath air cleaner, oil filter, and 600 x 16—6-ply tires; this truck will replace vehicle No. J744, 1942 Chevrolet ½ ton pickup truck	Agricultural Administration	Dana Hudelson, Inc., Champaign	1 083 00 delivered
11 four-door sedans; four two-door sedans; eight business coupes; all to be equipped with fresh air heaters and defrosters; these vehicles will replace 23 automobiles now in the College of Agriculture pool	Agricultural Administration	Noble Motor Co., Danville 4 Ford four-door sedans 1 Ford business coupe Tom Purvis, Inc., Mattoon 1 Ford two-door sedan 1 Ford business coupe Whowell Motor Co., Paxton 7 Ford four-door sedans 2 Ford two-door sedans 3 Ford business coupes Lloyd Eichhorst, Inc., Champaign 1 Plymouth two-door sedan 3 Plymouth business coupes Total	1 570 80 842 92 5 374 38 2 306 22 (10 094 32)
150 medium weight western ewe lambs; 50 medium weight western wether lambs	Animal Science	To be selected by members of the Department	5 000 00 (approx- imate) (Price to be mar- ket at time of selection, about October 15, 1950)

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
25 yearling feeder heifers	Animal Science	Gotschall Bros., Atkinson, Neb.	3 500 00 (estimate)
1,000 copies <i>Charles Sumner</i> , an essay by Carl Schurz, edited by Arthur Reed Hogue	University Press	Haddon Craftsmen, Inc., Scranton, Pa.	1 192 08 (approx- imate) f.o.b. Urbana
1,000 copies <i>Education for Freedom</i> , edited by J. Lloyd Trump and Charles M. Allen of the College of Education Faculty	University Press	Twin City Printing Co., Champaign	1 098 00 (approx- imate) f.o.b. Urbana
1,000 copies <i>Constitutional Problems under Lincoln</i> , by J. G. Randall	University Press	Rogers Printing Co., Chicago	3 840 00 (approx- imate) f.o.b. Urbana
2,000 copies <i>Essays for John Dewey's Ninetieth Birthday</i>	Bureau of Research and Service	Pantagraph Printing & Stationery Co., Bloomington	927 00 (approx- imate) f.o.b. Urbana
Four microscopes, laboratory type, monocular, built on mechanical stage, abbe divisible condenser N.A. 1.25 with iris diaphragm, complete with plano-concave mirror, triple revolving nosepiece, 10X (separable to 4.2X), 43X, and 97X (oil) achromatic objec- tives, 10X Hygienian eyepiece, without cases, each engraved; one microscope same as above ex- cept with 5X achromatic objec- tive in quadruple nosepiece	Food Technology	E. H. Sargent & Co., Chicago	1 258 65 f.o.b. Urbana
One farm tractor, International Harvester Farmal model "H," complete with power take-off and two sets of wheel weights	Dairy Science	International Harvester Co., Kankakee	1 482 77 f.o.b. Urbana
Two 36" x 18" gas-heated tumblers with single motor-driven fan and cylinder, temperature signal and buzzer, and lint box, capacity 20 pounds dry weight, for installa- tion in Student and Staff Apart- ments laundry room	Physical Plant	American Machine & Metals, Inc., Chicago	1 070 00 f.o.b. Milwau- kee, Wis.
One variable weight tandem roller (5 to 8 tons) powered with gaso- line engine, equipped with sprink- ler system, electric starter, and hydraulic power steering	Institute of Aviation	Cox Brothers Co., Hoopeston	4 558 20 f.o.b. delivered
Continuous cloth towel service (cloth towel roll) to replace pres- ent paper towels; service for a two-year period beginning Octo- ber 1, 1950, to include furnishing and installing of cabinets in loca- tions specified by the University and delivery of towels to various buildings	Physical Plant	Champaign-Urbana Clean Towel Service, Champaign	12 000 00 (esti- mated annual cost)
Rental service of white coats and aprons (bib and waist) as re- quested by various departments, service to be for two-year period, beginning October 1, 1950; under this rental service arrangement the merchandise inventories are owned and laundered by the con- tractor, the contractor agrees to provide only first quality mer- chandise and workmanship	Physical Plant	Midstate Linen Supply, Urbana	10 940 00 (esti- mated total annual cost)

On motion of Dr. Meyer, these purchases were authorized.

REPORT OF COAL RECEIVED FROM THE REPUBLIC COAL AND COKE COMPANY DURING THE PERIOD APRIL 2 TO JUNE 30, 1950

(26) In accordance with the request of the Board of Trustees, quarterly reports have been submitted of coal deliveries by the Republic Coal and Coke Company during the year 1949-1950.

The contract specified that the vendor was to deliver 3,000 tons of coal during April and 3,400 tons of coal during May. However, due to the lack of coal deliveries during the coal strike of February and March and the depletion of the stock pile, the vendor was requested to make up for the previous lack of deliveries by delivering as much coal as could be unloaded during April and May. A total of 14,586 tons was delivered. Since the coal received during this period went directly to the stock pile, the coal could not be sampled in accordance with the terms of the contract—that the sampling be made from the automatic sampler in the coal conveyor leading into the Power Plant. Random samples taken from the stock pile indicated that the coal purchased from Republic Coal and Coke Company was better than any coal that could be obtained elsewhere at a comparative price.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(27) The Comptroller's report of contracts executed for the period from July 1 to August 31, 1950.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
United States Air Force School of Aviation Medicine	Air circulation under reduced barometric pressure	\$ 5 175 00	May 23, 1950
United States Air Force School of Aviation Medicine	Physiological effects of mechanical vibration	5 750 00	May 23, 1950
United States Air Force	Altitude effect on various simulated pathological conditions	44 340 00	June 20, 1950
United States Navy	High-speed electronic computers	10 061 00	June 7, 1950
United States Navy	Electronics in insulating solids	12 037 00	June 1, 1950
United States Air Force	Fundamental nature of semi-conduction	33 000 00	May 18, 1950
United States Air Force	Preparation of research planning reports	55 000 00	April 1, 1950
United States Air Force	Radar mechanics test battery	42 393 00	May 31, 1950
United States Air Force	Contact flight trainer study	43 000 00	June 14, 1950
Housing and Home Finance Agency	Design criteria for space in dwellings	52 904 00	June 30, 1950
United States Army	Welded joints in structural and low-alloy steel	14 000 00	June 7, 1950
United States Army	Oscillator circuits	15 755 00	June 23, 1950
United States Navy	Star counts and other relevant data	3 520 00	May 26, 1950
United States Department of Labor	Labor statistics consumer's price index study	10 000 00	June 8, 1950
United States Army	Correspondence courses United States Armed Forces Institute	Rates per course	July 1, 1950
Carle Foundation	Physical fitness tests of patients	1 000 00	June 13, 1950
Lederle Laboratories Division, American Cyanamid Company	Aureomycin effect upon swine nutrition	1 500 00	August 31, 1950
Roses, Inc.	Influence of spacing on the production of greenhouse roses	1 400 00	August 26, 1950
The Fleischmann Laboratories, Standard Brands, Inc.	Yeast genetics	5 000 00	June 28, 1950
Illinois State Florists' Association	Disease-free strains of carnations	1 400 00	August 17, 1950
State of Illinois Division of Highways	Highway bridges impacts	5 000 00	June 27, 1950
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
American Federation of Arts	Rental of "Ballet Designs and Costumes"	\$ 135 00	April 5, 1950
Wallace G. Bergeron	Fabricate radon seeds and supply beta tubes	2 500 00	July 1, 1950
G. R. Grubb & Company	Photoengraving requirements for 1950-1951	3 ½ cents per unit	June 30, 1950

<i>Contract Changes Executed</i>			
<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Skidmore, Owings, and Merrill	Men's Residence Hall planning	\$2 000 00	July 31, 1950
Graham, Anderson, Probst, and White, Inc.	Transformer vaults in Busey and Evans Halls	1 500 00	July 5, 1950
John Felmley Co.	Special State Veterinary Science Unit	4 800 00	June 23, 1950

*Adjustments in Authorizations Issued Prior to July 1, 1949,
Under Cost-Plus Standing Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>
Lewis S. Colbert	One adjustment	\$303 33 ¹
Reliable Plumbing & Heating Co.	One adjustment	16 81 ¹

This report was received for record.

REPORTS OF THE FINANCE COMMITTEE

(28) The Finance Committee reports the following transactions:

Exchange of Government Securities

The 1½ per cent United States of America Certificates of Indebtedness Series G held in connection with the trust fund under the Navy Pier lease matured on September 15, 1950. The United States Government offered for purchase Certificates of Indebtedness Series A 1½ per cent due January 1, 1951, to yield approximately 1.29 per cent.

Under the authorization of the Finance Committee of the Board of Trustees and upon recommendation of the First National Bank of Chicago, the purchase of the new Certificates was authorized and is now reported to the Board of Trustees.

Deposit Funds

Investments

Purchase: U. S. A. 90-day Treasury Bills due December 7, 1950.....\$24 917 85

Endowment Funds

U. S. A. Series G, 2½ per cent Savings Bonds due June 1, 1962..... 8 000 00
50/100 share Eastman Kodak Company Common, \$10 par scrip
certificate 22 99
⅓ share Fidelity-Phenix Fire Insurance Company of New York, Cap.
\$10, par stock, fractional scrip issue of 1950..... 20 06

Student Loan Funds

Exchange: \$30,000.00 U. S. Certificates of Indebtedness, 1¼ per cent, due July 1, 1950, for \$30,000.00, 1¼ per cent Treasury Notes due August 1, 1951.

This report was received for record.

BOND OF UNIVERSITY TREASURER

(29) When Mr. Irvin L. Porter was elected Treasurer of the University on March 10, 1949, for two years, his bond was fixed at \$3,000,000. It has been the practice of the Board to require a bond that would cover the balance in the hands of the Treasurer at all times.

Since the foregoing action, the balance has increased considerably and is continuously above \$4,000,000 with little likelihood of a decrease. Mr. Porter has filed a new bond in the amount of \$5,000,000 with E. E. Brown, James B. Forgan, and Homer J. Livingston as sureties.

The Finance Committee recommends the acceptance of this new bond in place of the bond previously filed.

On motion of Mr. McLaughlin, the recommendation of the committee was adopted.

¹ Deduct.

QUARTERLY REPORT OF THE COMPTROLLER

(30) The Comptroller presents his quarterly report to the Board as of June 30, 1950.

This report was received for record.

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(31) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to Lloyd Robert Ahlf, Indiana, and Cyril Hopkinson, California, who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law.

I concur.

On motion of Mr. Fornof, these certificates were awarded as recommended.

**CONTRACTS FOR HOUSING
REVISION OF UNIVERSITY STATUTES**

(32) The University Statutes provide that all "minor contracts and those involving the purchase of ordinary supplies, advertising and publicity material, and other routine matters in the ordinary operation of University affairs, shall be signed by the Secretary of the Board of Trustees and by the Comptroller of the University, to whom authority is hereby delegated by the Board for such purpose."

The expansion of student and staff housing on the Urbana campus has greatly increased the number of leases required for such accommodations. Approximately 500 leases with staff members and 6,500 contracts with students are entered into annually. It is desirable to centralize this in the office of the Director of Housing.

The Director of the Physical Plant and the Comptroller recommend that the University of Illinois Statutes be amended to provide that:

"All contracts and leases for board and rooms or other housing facilities under the jurisdiction of the University Housing Director will be executed in the name of the Board of Trustees by the Director of Housing or by those to whom he delegates authority to sign for him. Such contracts and leases shall be in a standard form approved by the offices of the Legal Counsel, Comptroller, and the Director of the Physical Plant and shall conform with schedules of charges approved by the Director of the Physical Plant and the Comptroller."

I concur.

On motion of Mr. Livingston, this amendment was adopted.

JAMES D. PHILLIPS ESTATE

(33) As previously reported to the Board, Mr. James D. Phillips, Class of 1893, bequeathed to the University one-half of the residue of his estate to be used for scholarships. From the income of this fund, the sum of \$250 is to be paid annually to an annuitant during her lifetime. The University of Wisconsin is the beneficiary of the other half of the estate.

The estate is now ready for distribution. The University has been advised that it will be necessary to appoint a California corporation as trustee and the Security First National Bank of Los Angeles, executor of the estate, has been suggested.

The Legal Counsel's office of the University of Illinois and the Attorney General's office of Wisconsin express doubts as to a legal requirement that a California corporation act as trustee. It is preferable that each University act for itself as trustee, but the size of the estate does not warrant extended litigation to establish this right.

The office of the Legal Counsel and the Comptroller request that the Board join with the University of Wisconsin in requesting the attorney for the executor to seek a court ruling. If the court rules that a California trustee is necessary, the Comptroller recommends that the Board of Trustees assent to the appointment of the Security First National Bank of Los Angeles.

I concur.

On motion of Dr. Meyer, this recommendation was approved.

ESTATE OF ALBERT BELLAMY

(34) The will of the late Albert Bellamy, Class of 1881, who died January 13, 1948, in Oak Park, Illinois, includes the following bequest to the University of Illinois:

"23. When all of my just indebtedness has been paid, and when all of the specific legacies above listed have been turned over by my Executor to the persons entitled thereto, then I want the balance of my estate to be divided by the Executor into two equal parts, and when thus divided I want my Executor to pay the full equal one-half part of my net estate to the proper officers or authorities, of the organization that now exists as THE UNIVERSITY OF ILLINOIS, located at URBANA in this State, which organization has for its generous object the helping of students at the University of Illinois, who need financial assistance in the procuring of an education. As I write this instrument I do not have the correct name of this organization but I know that it is now functioning in the assistance of students who need financial help, and I know that my Executor knows the name of the organization that I have in mind and I am now directing that the full equal one-half part of my net estate shall be paid over to the proper officials of such organization and I want the money used in assisting needy students to acquire an education."

The other half of the net estate goes to Blackburn College at Carlinville, Illinois. There were specific bequests of \$18,000.

The will has been probated and a considerable proportion of the estate reduced to cash and payment of specific bequests has been made. There is now available for payment to the University of Illinois the sum of \$55,862.09. The sum of \$10,000 is retained against the remote possibility of further tax assessment.

The Administrator requests that the Board of Trustees assent to the conditions of the will as they affect the University and authorize the acceptance of the distribution of \$55,862.09 now offered and any additional funds that may accrue.

The office of the Legal Counsel and the Comptroller recommend the approval of this request.

I concur and at a later time will recommend a plan for the use of the fund.

On motion of Mr. Livingston, this recommendation was approved.

UNIVERSITY OF ILLINOIS FOUR-YEAR REPORT

At this point the President of the University submitted a report on the state of the University covering the period 1946 to 1950. Copies of the report were distributed to all Trustees at the meeting and were subsequently sent to the absentee members. A copy was filed with the Secretary of the Board for record.

On motion of Mrs. Watkins, publication of this report was authorized.

BIENNIAL BUDGET 1951-1953

(35) The President presented the following recommendations for the biennial operating budget of the University for the two years beginning July 1, 1951, covering all funds for which appropriations are made by the General Assembly. These estimates are submitted as the proposed basis for the budget to be filed with the Department of Finance on or before November 1, 1950, as required by law.

	<i>Summary</i>		
	<i>General Revenue Tax Funds</i>	<i>University's Income</i>	<i>Total for the Biennium</i>
The Sixty-sixth General Assembly appropriated to the University of Illinois for operation for the biennium beginning July 1, 1949 (excluding special appropriations of \$2,064,114 for Services for Crippled Children and \$143,000 for the Institution for Tuberculosis Research), the sum of.....			
	\$52 271 742	\$15 000 000	\$67 271 742
For the biennium starting July 1, 1951, I recommend that the University of Illinois request increases as follows:			
I. Statutory and Contractual Increases:			
A. Increased employer contributions to the University Retirement System.....	406 600		406 600
B. Payments for the new steam plant at the Chicago Professional Campus.....	1 107 864		1 107 864
II. Increases necessary to put new facilities into operation:			
A. Chicago (Hospital Addition)....	3 284 515		3 284 515
B. Urbana-Champaign.....	430 856		430 856
III. Increases essential to staff and departmental development:			
A. Salary and wage rate increases...	2 400 000		2 400 000
B. Increases to promote growth and development.....	2 200 000		2 200 000
IV. Estimated savings due to lower enrollments in 1951-1953:.....			
Net increase requested, from tax funds.....	-1 000 000		-1 000 000
	(8 829 835)		(8 829 835)
V. Revolving increases, covered by additional income:			
A. Increases resulting from increase in dollar volume of auxiliary enterprises.....		1 500 000	1 500 000
<i>Total increase requested,</i>			
<i>all funds.....</i>	\$ 8 829 835	\$ 1 500 000	\$10 329 835
<i>Total biennial appropriation requested.....</i>	<u>\$61 101 577</u>	<u>\$16 500 000</u>	<u>\$77 601 577</u>

The funds appropriated in 1949-1951 are being used for the comprehensive educational, research, and public services reported to the General Assembly. The University of Illinois has continued to fulfill its promises to veterans. Large areas of teaching and research have been brought abreast of world advances in science and technology. The services of the University have been expanded in order to meet the needs of the State.

In the spring of 1950, the deans, directors, and general administrative officers were asked to submit preliminary requests for the 1951-1953 biennium. These requests were presented to the University Council in July. They called for an increase of \$18,202,105 over the present biennial appropriation. After extensive discussion, the officers concerned were asked to give further study to the proposed programs and to revise their original decisions substantially downward.

The revised requests as submitted to the President's office came to a total increase of \$13,660,475 for the biennium.

For reasons to be cited in this report, I am not recommending such an

increase to the Board of Trustees. The deans and directors performed a valiant service in reducing their askings by \$4,500,000. They eliminated many items earnestly in demand. Nevertheless, I feel that the temporary decline in enrollment, the general economic situation in 1950, and the uncertainties of the immediate future require a further reduction.

In the interest of prudent operation, I am requesting a biennial increase from tax funds for 1951-1953 of \$8,829,835. This sum includes \$1,514,464 for contractual obligations; to this we are committed. It also includes the sum of \$3,715,371 in order to put newly constructed facilities into operation. Salary and wage adjustments of only 5 per cent, on the average, will cost \$2,400,000. To permit a normal rate of growth in various important areas of teaching and research, the sum of \$2,200,000 is needed. The estimated savings in departmental budgets due to smaller enrollments are \$1,000,000.

An earned income increase of \$1,500,000 from auxiliary enterprises (student and staff housing, food services, bookstores, etc.), added to the appropriation, brings a total increase, from all sources, of \$10,329,835.

I. Statutory and Contractual Increases

A. Additions to Retirement System Appropriations

In 1941 the General Assembly passed an Act establishing the University Retirement System of Illinois. It provides disability, death, and retirement benefits for all permanent staff members and employees of the University and of other state-supported institutions of higher education and the state scientific surveys.

The University of Illinois' share of the cost of the System is regularly included in the appropriations to the University. It is computed on an actuarial basis. The amount of this item for the current biennium is \$1,579,618. Because of increased staff, increased scale of compensation, and the larger number of persons retiring, additional funds of \$406,600 for two years are required.

B. Central Steam Plant

The enlarged hospital could not be serviced by the steam available in present facilities. It was necessary to erect a new plant. Two years ago, an appropriation of \$6,400,000 was requested for the plant and distribution lines. To obviate the necessity of such a capital appropriation, the University, with the approval of the Governor and the Director of Finance, concluded a contract with the Medical Center Steam Company, a corporation organized by officers of Commonwealth Edison Company. This plant is being built and will be operated on a nonprofit basis by the Company. The University will eventually pay the entire cost of operation, including amortization and interest on funds borrowed (80 per cent of cost) to construct the building. The estimated cost of the steam plant is \$5,900,000 and the amortization period is thirty years. At the end of this time (or sooner by prepayments which are allowable) the plant will become the property of the University of Illinois.

The University is authorized to sell steam to other governmental and educational agencies. A contract has been made with the State Department of Public Health which has contributed a sum representing the increased capital investment required for services to the Tuberculosis Hospital. A contract has been made also with the Veterans Administration for services to its new hospital, on a basis that will recover all costs. The plant now being built is of sufficient capacity to provide services for needed new additions to the instructional facilities of the Professional Colleges. The steam plant will also serve the new housing units that the University is endeavoring to construct through private loans.

The Steam Plant contract will require additional appropriations in the coming biennium, estimated at \$1,107,864, as follows:

Payments on principal of construction loan.....	\$ 375 000
Interest on loan.....	317 000
Charges for balance of funds supplied by Commonwealth Edison Company.....	110 864
Administrative services.....	40 000
Taxes (local real estate).....	265 000
<i>Total (two years).....</i>	<i>\$1 107 864</i>

II. Increases Necessary to Put New Facilities into Operation

A. Hospital Addition, Chicago

In the appropriation for buildings (1949), there was an item of \$8,200,000 (including amounts incorporated in *equipment* and *contingencies*) for an addition to the Research and Educational Hospitals in Chicago. These funds provide for a net addition of 364 beds, together with necessary laboratory and technical facilities such as operating rooms, emergency rooms, teaching and clinical laboratories, X-ray facilities, physicians' offices and examining rooms, diet kitchens, food service and general building services. Provision for the care of ambulatory patients is also included.

As stated during the last sessions of the General Assembly, the need for this addition was critical. With the largest class of any medical school in the country, the hospital facilities of the University provide about 2.3 beds, as compared with the standard requirement of four beds per clinical student set by the accrediting agencies. This is below the average for other medical schools and below the minimum required for the best quality of instruction. If cordial relations were to be maintained between the College of Medicine and national accrediting agencies, the addition had to be built. The enlarged hospital will provide 3.2 beds per clinical student.

Everyone should be mindful of the fact that the facilities of the Research and Educational Hospitals are available chiefly to those who can not pay for hospital services. Failure to provide additional facilities would have left thousands of needy patients with the choice of getting no help at all or of seeking help from some other tax-supported agency.

Since 1940 the per diem cost per patient for hospital services has increased 120 per cent. This figure is obtained from Blue Cross and is based on rock-bottom costs.

The cost per patient day is estimated at \$17.16; the corresponding figure in a comparable Chicago hospital is \$19.20.

To place the new Hospital in operation will call for the following expenditures for the coming biennium, over and above expenditures now being made to maintain and operate the present Hospitals:

Professional staff services.....	\$ 104 200
Nursing services and resident staff.....	1 261 876
Laboratory, X-ray, and related services.....	800 045
Dietary services for patients.....	496 068
Supply rooms and other services.....	264 240
Physical Plant operation and maintenance.....	358 086
<i>Total</i>	<i>\$3 284 515</i>

The budget above will require the addition of approximately 542 academic and nonacademic persons (full-time equivalent) to the staff of the University.

B. New Buildings at Urbana-Champaign

Two new buildings at Urbana-Champaign were provided by state appropriations in 1949: the Veterinary Medicine Building at a total cost of \$1,800,000 and the Animal Sciences Laboratory at a total cost of \$2,500,000, including equipment for both. They were paid for by money transferred from the Agricultural Premium Fund.

As indicated to the preceding General Assembly, these buildings are necessary in order to provide (a) instruction and research in veterinary medicine and (b) additional facilities for agricultural research in food production, preservation, and distribution. It is of great importance to the agricultural people of the state that these new facilities be put into service as soon as completed. They will be ready for operation during the 1951-1953 biennium and will require added funds, including professional services, physical plant operation and maintenance, and other non-academic services.

The Physics Research Laboratory which houses the Betatron was completed during the current biennium; professional staff are required for its research programs. Certain other minor new facilities will be ready for operation.

The increases needed are:

Veterinary Medicine Building	
Professional service.....	\$ 69 600
Plant operation and maintenance.....	58 472
Animal Sciences Laboratory	
Professional service.....	95 760
Plant operation and maintenance.....	57 112
Betatron — Professional services.....	97 000
Other facilities.....	52 912
<i>Total (two years).....</i>	<i>\$430 856</i>

III. Increases Essential to Staff and Departmental Development

A. Salary and Wage Rate Adjustments

The deans and directors were asked to submit recommendations regarding increases in the scale of compensation for both academic and nonacademic staff. The issues, as they affect the welfare of the University and its relation to the total economic situation, were fully discussed in the July meeting of the University Council. There was unanimous agreement that a sum should be provided that would make possible merit increases on an individual basis. The worth of a university depends wholly on its staff; the more distinguished it becomes, the more frequent will be the calls to other institutions or to industry, commerce, and governmental agencies.

For the past two biennial periods, the General Assembly has recognized these circumstances and it has granted the University sufficient funds to secure and retain a staff which would create a stimulating educational experience for students and help the people of the State through research and service. For the biennium 1949-1951, a fund equal to 10 per cent of the wages and salaries of all persons employed at the beginning of the biennium (\$4,032,760) was actually spent. Since some of the increases were not made until the second year of the biennium, the effective amount of increase on an annual basis was \$2,402,012, or \$4,804,024, for the biennium.

These increases, added to earlier cost-of-living adjustments, have brought most of the staff in line with changes in the cost of living since 1941. Some of the non-academic groups have fared much better than the average, and the nonacademic group, as a whole, has fared better than academic staff members. Prevailing local wage rates have been adopted as soon as such rates have been established. However, the University is in a good competitive situation with respect to academic talent.

In order to retain these incentives to quality and continued growth, the deans and directors requested for 1951-1953 a fund of \$2,887,106 (revised from first requests of \$3,449,437) to cover all salary and wage increases. These askings have been further pared in my office.

Barring a material increase in the cost of living, it is urgent that a fund of \$2,400,000 be included, based on the following needs:

(a) To provide increases on an individual and selective basis for the academic staff;

(b) To meet changing rates for prevailing rate groups, assuming they do not exceed moderate amounts, and

(c) To provide comparable adjustments in salaries and wages for nonacademic employees who are not under prevailing rate agreements.

The reduction in the requests of the deans and directors for salary and wage increases from a total of \$3,449,437 to \$2,400,000 will create a serious problem if national and international events cause a further increase in the cost of living. The Bureau of Labor Statistics index now stands where it did two years ago, but the trend of this index in recent months has been upward. Recently wage increases have been negotiated in many industries.

B. Growth and Development

The enrollment of the University will decline by moderate amounts during the next biennium. The enrollment of undergraduate students will decline somewhat more rapidly, but there will be continued large enrollments in the expensive branches of instruction, including the Professional Colleges in Chicago and the Graduate College. Except for special areas where initial investments in personnel and facilities must be protected, major additions to the staff or to expense and equipment budgets are not required.

It is not proposed to start new lines of work during the 1951-1953 biennium. For the most part, a good balance has been struck between

(a) The usual and wholly basic elements of teaching and research in a university,
(b) The new areas of science, technology, art, and general education opened up during World War II,

(c) The pressing demands of students for types of training that will enable them to earn a living, and

(d) The reasonable expectations of the people of the state for special services.

In some areas, however, a "down payment" has been made on staff and facilities; the first installments could be lost if further payments are not made. Hence the original requests of the deans and directors contained a sum of \$5,595,994, for the biennium for:

(a) Staff additions other than those included in the list of essential and contractual increases,

(b) Additions to regular expense and equipment budgets because of rising costs of supplies, and

(c) Nonrecurring expenditures for needed laboratory alterations and equipment.

A clear case was made for all these additions. Nevertheless, I feel that the emphasis must be placed on the consolidation of existing programs and activities. Only those additions should be made that will enable the several divisions to use to full advantage the personnel already appointed, adding to existing staff and budgets only where the need is urgent.

Some of the areas in which further installments in behalf of progress are thoroughly justified are the following:

(a) An increasing number of doctors and dentists are taking graduate work. This is the primary source of teachers and of research specialists in health and medicine. In addition to the clinical and technical staff for the Hospital addition, therefore, each of the professional colleges in Chicago will require personnel and expense funds for graduate studies. At the Professional Colleges, the Ph.D. degree is now offered in nine fields, and the Master of Science degree in eighteen fields.

(b) The major areas in agriculture should move steadily forward. Some staff additions and increases in expense and equipment are needed in marketing grain and livestock, the utilization of new materials in farm construction, soil fertility studies, the graduate program in animal science, and the unique program at Dixon Springs Experiment Station.

(c) The new Department of Food Technology needs further staff additions in the chemistry of oils, proteins, cereals, and fruits, and in microbiology.

(d) Forest nursery operations, already begun on a new tract, require increased support.

(e) The whole curriculum in Home Economics is being reorganized and the graduate program strengthened. Better facilities and added staff are needed in family housing, nutrition, child care, textiles and clothing, and home management.

(f) A graduate program for the College of Law rounds out years of steady progress toward the highest distinction. A new staff member and further funds for operating expense and for the law library are needed.

(g) Advanced instruction and research in support of industrial development and national safety are desirable.

(h) After years of study, the University of Illinois and the National Architectural Accrediting Board have agreed on a five-year program, with new graduate work in such fields as building construction and industrial design. Increased strength and facilities are required in the rapidly developing field of graphic arts, including printing and photography.

(i) The College of Education, now nearing the top, should not lose momentum. Staff and facilities are needed for experimental and classroom studies in counseling and guidance, in curriculum study and in methods of teaching. The Psychoeducational Clinic for the diagnosis and remedy of faulty reading habits and other handicaps also needs further support.

(j) The College of Liberal Arts and Sciences, the taproot of the technologies and applied sciences and the source of the offerings in general education, should continue to grow in stature. Further staff and operating expenses are needed in such areas as bacteriology, plant pathology, classics, creative writing, phonetics, cartography, clay mineralogy, statistics, radiobiology, and social and clinical psychology.

(k) A marked increase in the scope of the activities of the College of Commerce

and Business Administration should be supplemented by further facilities in secretarial training, marketing, and business statistics.

(l) The new Division of Communications, strongly supported by student choices in programs of study, needs funds for teaching and research in audio-visual aids and other forms of communication, in radio, advertising, editorial training, and in the new program of writing, directing, producing, and presenting to the public programs for television. Generous gifts are expected to provide the basic equipment, but added staff and operating expenses are of high priority.

(m) Other areas in which initial developments need safeguarding include the program in music in the high schools, the Small Homes Council, the School of Physical Education with its program of health education in the schools and of recreation in industries and communities, the University Library microfilming activities, and the Graduate College that, more clearly than before, has become the summit in public education in advanced scholarship and research.

In a final effort to get this part of the increase in the budget on a "bed-rock" basis, deans and directors were asked on September 25 to indicate *the minimum sums required to cover items of highest priority*. The result is shown in the following tabulation:

	<i>For the Biennium</i>
Liberal Arts and Sciences.....	\$159 230
Agriculture.....	235 080
Engineering.....	166 835
Graduate.....	45 587
Commerce.....	65 000
Education.....	199 470
Fine and Applied Arts.....	226 800
Physical Education.....	44 600
Law.....	58 550
Communications.....	213 300
University Extension.....	217 300
Institute of Aviation.....	17 200
Institute of Government and Public Affairs.....	3 000
Institute of Labor and Industrial Relations.....	23 476
Small Homes Council.....	25 750
Social Welfare Administration.....	11 800
Special Services for War Veterans.....	42 198 ¹
Administration and General.....	140 360
Library.....	117 120
Physical Plant.....	140 342
<i>Total Urbana—for the biennium.....</i>	<i>\$2 068 602</i>
Chicago Professional.....	278 919
Chicago Undergraduate.....	151 553
<i>Total—for the biennium.....</i>	<i>\$2 499 074</i>

For the purpose of meeting in part the needs above, all of which will be subject to further study and to reallocation in terms of actual enrollment and research needs, I am recommending an additional \$2,200,000 for the biennium.

This budget is a drastic reduction from what the deans and directors feel they should have in order to make progress at a satisfactory rate. In general, except for salary and wage rate increases, divisions will have to operate with about the same amount of money for the coming biennium as for the current biennium.

The bulk of the new funds will go into the contractual and new facilities requirements described earlier. The major portion of these funds (\$4,392,479) will go to the Chicago Professional Divisions. The large amounts of money *required* there make it inevitable, at the present time, that the new askings for other purposes be severely restricted.

IV. Estimated Savings Due to Decreased Enrollment

The total enrollment in the University of Illinois in 1949-1950 was larger than in 1948-1949; at Urbana-Champaign it was the highest in the history of the University. For 1950-1951, however, a downward turn of about 10 per cent has occurred

¹ Decrease.

at Urbana-Champaign and at the Chicago Undergraduate Division (Navy Pier). This trend probably will continue through the next biennium, resulting in an average decrease of about 2,000 students per year in undergraduate classes. The Graduate College is increasing steadily. Dentistry, Pharmacy, and Medicine will be operating at full capacity in all classes.

A pro rata saving based on decrease in enrollment is not possible. Classes have to be maintained, even if smaller. However, a substantial saving can be effected. Our present estimate of the amount is \$1,000,000 for the two years.

V. Revolving Increases

In spite of decreased enrollment and of decreased income from veterans' tuition, the resources of the *income* fund for the *educational* budget for the next biennium are estimated to be equal to those for the current biennium. There should be an unappropriated balance at the end of the present biennium, because of savings in 1950-1951. Also, outstanding accounts receivable for veterans' tuition will not be collectible until the next biennium.

The operations of the income fund are increasing as a result of more auxiliary, self-supporting activities (such as housing, food service, and bookstores). These operations will result in an estimated addition of \$1,500,000 to the income fund. The total amount must be applied to the operating expenses of these activities.

Summary

To summarize, the resulting total expenditures for the coming biennium, as compared with the present biennium, would be as follows:

<i>Fund</i>	<i>1949-1951</i>	<i>Proposed Increase</i>	<i>Proposed 1951-1953</i>
State Tax Funds.....	\$52 271 742	\$ 8 829 835	\$61 101 577
University Income Fund...	15 000 000	1 500 000	16 500 000
	<u>\$67 271 742</u>	<u>\$10 329 835</u>	<u>\$77 601 577</u>

Needless to say, there is more than the usual amount of uncertainty in predicting state and national trends. The University may be called upon for extraordinary services in instruction and research. The issue of war or peace is upon us; it affects all the decisions of youth and much of the work in our campus and field laboratories.

To meet all contingencies, I believe we should hold the University to its standards. Already there is a noteworthy sentiment in the military establishment for keeping intact the aims and programs of the higher institutions of learning.

The Provost and the Vice-President also made statements in support of these estimates.

Following extended discussion in which all members of the Board present participated, on motion of Mr. Livingston the President of the Board and the President of the University were empowered to use these estimates as the budgetary needs of the University and to discuss them with the Governor, the Illinois Budgetary Commission, and other state officials and legislative leaders.

AFFILIATION OF GRANT HOSPITAL WITH COLLEGE OF MEDICINE

(36) Dr. Meyer reported that the Committee on the Chicago Departments has considered the proposal, referred to it at the Board meeting on April 19, 1950, that Grant Hospital of Chicago be affiliated with the College of Medicine and moved approval.

This motion was adopted.

LEASE OF SPACE IN ARCADE BUILDING TO JOHN KATSINAS

(37) Mr. Livingston stated that he was asked to request consideration by the Board of the extension of the lease of space in the Arcade Building operated by Mr. John Katsinas, of Champaign, as a restaurant.

This matter was referred to the President, the Comptroller, the

Director of the Physical Plant, and other appropriate officials for consideration and a recommendation to the Board.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) report of contracts signed by the President and the Secretary of the Board, and deposited with the Secretary since the last report; (2) appointments made by the President; (3) graduate fellows; (4) resignations and declinations; (5) leaves of absence; (6) degrees conferred in August, 1950.

SECRETARY'S REPORT OF CONTRACTS

The Secretary presented for record the following document signed by the President and the Secretary of the Board, and deposited with the Secretary since the last report.

Crerar Clinch Coal Co., dated August 22, 1950, for 12,500 tons of coal at \$6.35 a ton, f.o.b. 1824 West Taylor Street, Chicago.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

- ADAMS, MRS. CATHARINE, Instructor, Education (University Council on Teacher Education) (35/100), academic year beginning September 1, 1950, \$1400 (9-19-50).
 AGASE, LOUIS, Assistant, Physical Education for Men ($\frac{1}{4}$), nine months beginning September 16, 1950, \$650; in addition to \$3600 a year paid by the Athletic Association (8-21-50).
 ALLEMAN, MRS. WINIFRED M., Agriculture Library Assistant, Library, one year beginning September 1, 1950, \$3240 (7-25-50).
 ANDERSON, JOHN R., Assistant, Radiology (Medicine), one year beginning July 1, 1950, without salary (7-24-50).
 ANDERSON, MRS. RUTH C., House Director, Gamma House, ten months beginning September 1, 1950, \$1120; for the convenience of the University, she will also be provided housing valued at \$10 a month, and three meals daily while dining halls are in operation valued at \$21 a month (9-12-50).
 ARKIN, JAMES, Instructor, Architecture (Undergraduate Division in Chicago) ($\frac{1}{2}$), academic year beginning September 1, 1950, \$2450 (8-15-50).
 ARON, KARL, Flight Instructor, Institute of Aviation, one year beginning September 1, 1950, \$4000 (9-22-50).
 ASCOLI, GIULIO, Instructor, Physics (C), academic year beginning September 1, 1950, \$4200 (7-21-50).
 ASROW, GERTRUDE, Research Assistant, Pediatrics (Medicine), one year beginning September 1, 1950, \$3600 (8-28-50).
 AUSUBEL, DAVID P., Assistant Professor, Education (Bureau of Research and Service), one year beginning September 1, 1950, \$5500 (7-10-50).
 AYERS, ROBERT L., Flight Instructor, Institute of Aviation, one year beginning September 1, 1950, \$4350, supersedes (9-22-50).
 BANNISTER, TURPIN C., Architecture, Summer Session of 1950, June 23-August 19, 1950, \$2222, supersedes (7-20-50).
 BARNETT, ZOLO G., Instructor, Education, academic year beginning September 1, 1950, \$3800 (8-20-50).
 BARRETT, HERBERT C., First Assistant, Horticulture (S), one year beginning September 1, 1950, \$4000 (9-1-50).
 BARRON, SAMUEL H., JR., Clinical Instructor, Pediatrics (Medicine) (45/100), one year beginning September 1, 1950, \$1750, supersedes (9-15-50).
 BARTO, PAUL B., Instructor, Veterinary Pathology and Hygiene (Veterinary Medicine), one year beginning September 1, 1950, \$4500 (7-24-50).
 BATCHER, OLIVE M., Assistant, Home Economics (C), one year beginning September 1, 1950, \$3300 (8-20-50).
 BAUMAN, LOYAL F., First Assistant, Plant Genetics (Agronomy) (S), one year beginning September 1, 1950, \$4000, supersedes (9-11-50).

- BEACH, JOSEPH W., Visiting Professor, English ($\frac{1}{2}$), academic year beginning September 1, 1950, \$5000 (7-24-50).
- BEBERMAN, MAX, Instructor, Education (University High School), academic year beginning September 1, 1950, \$3600 (8-29-50).
- BECKER, DONALD E., Assistant Professor, Animal Science (C & S), one year beginning September 1, 1950, \$5500 (7-21-50).
- BECKSTROM, JANICE E., Assistant, Agricultural Economics (E), eleven months beginning October 1, 1950, \$3300 a year (9-18-50).
- BEHRINGER, CLARA M., Instructor, Speech, academic year beginning September 1, 1950, \$3400 (7-24-50).
- BELL, JOHN M., Research Associate, Bureau of Research and Service (Graduate College), ten months beginning September 1, 1950, \$3666.70 (8-29-50).
- BERMAN, DAVID, Instructor, Applied Materia Medica and Therapeutics (Dentistry) (30/100), one year beginning September 1, 1950, without salary (8-20-50).
- BERNSTEIN, LEON, Clinical Instructor, Psychiatry (Medicine) ($\frac{1}{3}$), one year beginning September 1, 1950, \$1800 (9-18-50).
- BERTANI, GIUSEPPE, Research Associate, Bacteriology (Graduate College), one year beginning July 1, 1950, \$4350 (8-9-50).
- BETTS, EDWARD H., Instructor, Art, academic year beginning September 1, 1950, \$3000, supersedes (7-8-50).
- BHATTACHARYYA, PRABH K., Special Research Assistant, Chemistry (Graduate College), eleven months beginning August 1, 1950, \$3483.37 (7-25-50).
- BILD, MRS. BERNICE R., Assistant Counselor and Psychometrist, Student Counseling Bureau (Undergraduate Division in Chicago) ($\frac{1}{2}$), July 6-August 31, 1950, \$162.50 a month, supersedes (7-25-50).
- BIRD, MRS. THELMA C., Library School Library Assistant, one year beginning September 1, 1950, \$3000 (8-16-50).
- BIRDZELL, RUTH A., Research Assistant, Bureau of Economic and Business Research, one year beginning September 1, 1950, \$3200, supersedes (8-21-50).
- BLACKMORE, WILLIAM P., Instructor, Manufacturing Pharmacy, and Manufacturing Pharmacist (Hospital Pharmacy) (Pharmacy) ($\frac{1}{2}$), academic year beginning September 1, 1950, \$2000, supersedes (9-12-50).
- BOLAND, PATRICIA J., Research Assistant, Physics (C), eleven months beginning October 1, 1950, \$3840 a year (9-7-50).
- BOSKOFF, ALVIN, Instructor, Sociology, academic year beginning September 1, 1950, \$3800 (7-8-50).
- BRANIGAN, DUANE A., Professor, Music, indefinite tenure, to render service during each academic year and Acting Director, School of Music (on Y basis), one year, beginning September 1, 1950, \$9250 a year, supersedes (9-8-50).
- BREBIS, GEORGE J., Instructor, Medicine (Medicine) ($\frac{1}{2}$), one year beginning September 1, 1950, \$2700, supersedes (8-28-50).
- BREBIS, GEORGE J., Instructor, Medicine (Medicine) ($\frac{1}{2}$), three months beginning June 1, 1950, \$225 a month, supersedes (8-3-50).
- BRILL, JAMES W., Research Assistant, Mechanical Engineering (C), eleven months beginning October 1, 1950, \$3000 a year (9-18-50).
- BRONSTEIN, I. PAT, Clinical Associate Professor, Pediatrics (Medicine), indefinite tenure beginning September 1, 1950, without salary, supersedes (9-15-50).
- BROWN, CHARLES H., Visiting Professor, Library Science, first semester of the academic year 1950-1951, \$3000 payable in six monthly installments beginning September 1, 1950 (8-30-50).
- BROWN, WALTER N., Associate, Vegetable Crops (Horticulture) (C & S), one year beginning September 1, 1950, \$5000, supersedes (9-11-50).
- BRUNNEMEYER, HENRY R., Assistant Professor, Agricultural Extension, and Assistant State Leader of Farm Advisers (E), one year beginning September 1, 1950, \$7000 (7-21-50).
- BRUNNER, ELDON J., Flight Instructor, Institute of Aviation, one year beginning September 1, 1950, \$4100 (9-15-50).
- BUCKLER, WILLIAM E., Instructor, English ($\frac{1}{3}$), six months beginning September 1, 1950, \$584, and on full time, six months beginning March 1, 1951, \$1750, to render service during the academic year (8-3-50).
- BUFFA, ELWOOD S., Assistant Professor, Mechanical Engineering (C), academic year beginning September 1, 1950, \$5000 (8-17-50).

- BURGH, JOSEPH F., JR., Assistant, Full and Removable Partial Dentures (Dentistry) (1/5), one year beginning September 1, 1950, without salary (8-20-50).
- BURSTONE, MARVIN S., Assistant Professor, Oral Pathology (Dentistry), one year beginning July 1, 1950, \$5000, supersedes (7-24-50).
- BYESS, WILLIAM F., Assistant Professor, Foreign Language (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$5200 (7-24-50).
- CAMPBELL, MARY J., Catalog Assistant, Library (Chicago Professional Colleges), one year beginning September 1, 1950, \$3500 (7-10-50).
- CARTER, GERALD C., Associate Professor, Psychology (Division of University Extension), indefinite tenure beginning September 1, 1950, \$6500 a year, supersedes (8-9-50).
- CHAN, THOMIE, Research Assistant, Medicine (Medicine), one year beginning September 1, 1950, \$2930 (8-28-50).
- CHAUFOURNIER, ROGER, Research Assistant, Economics, one year beginning July 1, 1950, \$5400 (7-7-50).
- CHEN, HAN K., Research Associate, Electrical Engineering (Graduate College), academic year beginning September 1, 1950, \$3000 (8-20-50).
- CHEW, GEOFFREY F., Assistant Professor, Physics (C), academic year beginning September 1, 1950, \$5600 (8-7-50).
- CLARK, WILLIAM C., Research Assistant, Physiology (Graduate College), August 20, 1950-August 31, 1951, \$4000 a year (8-28-50).
- CLAYTON, GEORGE T., Assistant Professor, Architecture, academic year beginning September 1, 1950, \$4500 (8-17-50).
- CLORE, RUTH E., Instructor, Nursery School (Division of Special Services for War Veterans), academic year beginning September 1, 1950, \$3400 (7-8-50).
- COLLINS, MRS. EMMA H., Instructor, Anatomy (Medicine), academic year beginning September 1, 1950, \$3200 (8-30-50).
- COLLINS, MAURINE, Exchange Reviser, rank of Instructor, Library, one year beginning September 1, 1950, \$4000 (on leave of absence without pay from November 1 through December 31, 1950), supersedes (8-5-50).
- COLTON, SUSANNA B., Instructor, Home Economics (C), academic year beginning September 1, 1950, \$3500 (9-8-50).
- COMPTON, CHARLES E., Assistant, Plant Pathology (Horticulture) (Graduate College) (1/2), nine months beginning September 1, 1950, \$133.33 a month, and on full time, two months beginning June 1, 1951, \$250 a month (9-12-50).
- CONNELL, W. F., Assistant Professor, Education, two years beginning September 1, 1951, to render service during each academic year, \$4500 a year (8-22-50).
- COOK, MERRIBETH, Periodical Assistant, Library, one year beginning September 1, 1950, \$3000 (8-20-50).
- COOLIDGE, WILLIAM F., Assistant Professor, Agricultural Extension, and Assistant State Leader of Farm Advisers (E), one year beginning September 1, 1950, \$7000 (7-15-50).
- CORE, ALFRED C., Assistant, Chemistry (Pharmacy), ten months beginning September 1, 1950, \$2600 (8-11-50).
- CRAIN, SUE C., Instructor, Education, academic year beginning September 1, 1950, \$4000, supersedes (9-11-50).
- CREASER, JAMES W., Psychometrist, Student Counseling Bureau, one year beginning September 1, 1950, \$3800 (7-24-50).
- CROWLEY, THOMAS F., Assistant Professor, Hygiene, and Medical Adviser for Men (Health Service), one year beginning September 1, 1950, \$7200 (8-18-50).
- CUTLER, HOWARD A., Instructor, Economics (2/5), and Assistant to the Dean (Commerce and Business Administration) (3/5), one year beginning September 1, 1950, \$5250, supersedes (8-12-50).
- DAMRIN, DORA E., Research Associate, Bureau of Research and Service, ten months beginning September 1, 1950, \$3500 (8-3-50).
- DAVENPORT, WILLIAM B., Research Assistant, Law, three months beginning September 18, 1950, \$250 a month (9-12-50).
- DECKER, GEORGE C., Professor, Entomology (Liberal Arts and Sciences and Agriculture), indefinite tenure, to render service during each academic year, and Entomologist (S) (18/100), indefinite tenure (on Y basis), beginning September 1, 1950, \$1500 a year (in addition to \$7000 a year paid by the State Natural History Survey for which the University assumes no responsibility), supersedes (8-11-50).

- DERIDDER, LAWRENCE M., Assistant Professor, Psychology, and Counselor, Student Counseling Bureau (Undergraduate Division in Chicago), one year beginning September 1, 1950, \$5200 (9-8-50).
- DICKEY, ROBERT I., Associate Professor, Accountancy ($\frac{3}{4}$), indefinite tenure, and Assistant Dean (Commerce and Business Administration) ($\frac{1}{4}$), one year, beginning September 1, 1950, to render service during each academic year, \$6150 a year, supersedes (8-15-50).
- DILLEY, NORMAN E., Instructor, Student Teaching (University Council on Teacher Education) ($\frac{1}{2}$), academic year beginning September 1, 1950, \$2000 (8-5-50).
- DOOLIN, PAUL F., Research Assistant, Zoology, nine months beginning September 16, 1950, \$2400 (7-24-50).
- DORNBUSCH, SANFORD M., Social Sciences (Undergraduate Division in Chicago), Summer Session of 1950 ($\frac{1}{2}$), eight weeks beginning June 26, 1950, \$375 (7-28-50).
- DORNBUSCH, SANFORD M., Instructor, Social Sciences (Undergraduate Division in Chicago) ($\frac{2}{5}$), academic year beginning September 1, 1950, \$1350 (8-21-50).
- DOTSON, MRS. FRANCES S., Research Assistant, Bureau of Economic and Business Research (Commerce and Business Administration), and in Mechanical Engineering (C), one year beginning September 1, 1950, \$3000 (8-20-50).
- DOTY, PAUL C., Research Assistant, Soil Fertility (Agronomy) (S), one year beginning September 1, 1950, \$3400 (9-11-50).
- DRYDEN, HUGH L., JR., Research Assistant, Chemistry (Graduate College), one year beginning September 16, 1950, \$3600 (7-14-50).
- DUBIN, SAMUEL S., Assistant Professor, Psychology, academic year beginning September 1, 1950, \$4000 (7-28-50).
- DUKE, BETTY LOU, Research Assistant, Medicine (Medicine), October 12, 1950-June 30, 1951, \$244.17 a month (8-28-50).
- DUNLAP, LESLIE W., Associate Professor, Library Science, January 1, 1951, through the second semester of the academic year 1950-1951, \$500 a month (7-21-50).
- DURISCH, LAWRENCE L., Visiting Professor, Political Science, five months beginning September 1, 1950, \$4500 (7-24-50).
- EDMONDS, MARY P., Research Assistant, Chemistry (Graduate College), one year beginning September 1, 1950, \$4000 (8-20-50).
- EDWARDS, JOSEPH D., JR., Research Assistant, Chemistry, one year beginning September 1, 1950, \$3900 (8-3-50).
- ELSTNER, RICHARD C., Research Associate, Theoretical and Applied Mechanics (S), one year beginning September 1, 1950, \$4200 (8-25-50).
- EMERY, WILLIS L., Associate Professor, Electrical Engineering (C), academic year beginning September 1, 1950, \$5500 (8-17-50).
- FARRIS, DOROTHY F., Assistant Head Resident, Lincoln Avenue Residence (South Half), ten months beginning September 1, 1950, \$2400; for the convenience of the University, she will also be provided three meals daily valued at \$168 (8-17-50).
- FASSLER, LOUISE, Instructor, Social Welfare Administration (Chicago Professional Colleges' Unit), one year beginning September 1, 1950, \$3660 (8-8-50).
- FAWCETT, CLARENCE G., Physical Sciences (Undergraduate Division in Chicago), Summer Session of 1950, eight weeks beginning June 26, 1950, \$856, supersedes (7-15-50).
- FELDMAN, LOUIS I., Research Associate, Bacteriology (Graduate College), one year beginning September 1, 1950, \$3600 (8-29-50).
- FISHER, MARVIN, JR., Assistant, Electrical Engineering, nine months beginning September 16, 1950, \$2400 (8-15-50).
- FRAZIER, RALPH P., Instructor, Education (University Council on Teacher Education) ($\frac{1}{2}$), academic year beginning September 1, 1950, \$2000 (9-19-50).
- FREUDENTHAL, ALFRED M., Research Consultant, Theoretical and Applied Mechanics (S) ($\frac{1}{5}$), one year beginning September 1, 1950, \$2400 (9-8-50).
- FROTHINGHAM, CHARLES W., Instructor, Student Teaching (University Council on Teacher Education) ($\frac{1}{4}$), academic year beginning September 1, 1950, \$2000 (8-20-50).
- FUMI, FAUSTO G., Research Associate, Physics (Graduate College), six months beginning September 1, 1950, \$266.67 a month (8-1-50).
- GABIS, STANLEY T., Social Sciences (Undergraduate Division in Chicago), Summer Session of 1950, eight weeks beginning June 26, 1950, \$756, supersedes (7-15-50).

- GAEBE, OLIVER F., Assistant Professor, Agricultural 4-H Club Work (E), June 12-August 31, 1950, \$475 a month, supersedes (7-24-50).
- GAGE, LAWRENCE E., Assistant, Dairying Research (Dairy Science) (S), one year beginning September 1, 1950, \$2640 (7-25-50).
- GAIER, EUGENE L., Instructor, Education, academic year beginning September 1, 1950, \$4000 (9-8-50).
- GARDNER, WILLIAM L., Research Assistant, Radiology (Medicine), eleven months beginning August 1, 1950, \$350 a month (8-28-50).
- GARRISON, HUGH, Assistant, Radiology (Medicine), one year beginning July 1, 1950, without salary (7-24-50).
- GIBSON, DAVID M., Research Assistant, Chemistry (Graduate College), one year beginning September 1, 1950, \$4000 (7-25-50).
- GIBSON, GLENN G., Clinical Instructor, Pediatrics (Medicine) (45/100), one year beginning September 1, 1950, \$1750, supersedes (9-15-50).
- GIDDINGS, NORMAN C., Instructor, Spanish, academic year beginning September 1, 1950, \$3500 (8-20-50).
- GRANDT, ALTEN F., First Assistant, Soil Fertility (Agronomy) (S), one year beginning September 1, 1950, \$4200, supersedes (9-11-50).
- GRATZINGER, MAX, Instructor, Applied Materia Medica and Therapeutics (Dentistry) (3/10), one year beginning September 1, 1950, without salary (8-20-50).
- GRUBB, MAXINE, Periodical Assistant, Library, one year beginning September 1, 1950, \$3400 (9-18-50).
- GRUEN, WALTER, Research Associate, Psychology (Graduate College), one year beginning September 16, 1950, \$4000 (9-20-50).
- HAAS, LEWIS L., Assistant Professor, Radiology (Medicine) ($\frac{1}{2}$), one year beginning September 1, 1950, \$3000, supersedes (8-30-50).
- HAGENSON, SARA L., Instructor, Nursery School (Division of Special Services for War Veterans), academic year beginning September 1, 1950, \$3300 (8-15-50).
- HANDLER, JOEL S., Assistant Professor, Psychiatry (Medicine), one year beginning September 1, 1950, \$7200, supersedes (8-30-50).
- HARDER, VIRGIL E., Assistant, Business English, nine months beginning September 16, 1950, \$3000 (7-24-50).
- HARKNESS, BRUCE, Instructor, English, academic year beginning September 1, 1950, \$3500 (7-24-50).
- HAUCK, DAVID W., Flight Instructor, Institute of Aviation, one year beginning September 1, 1950, \$4350, supersedes (9-22-50).
- HAY, ELIZABETH D., Research Assistant, Zoology (Graduate College), three months beginning June 16, 1950, \$150 a month (8-1-50).
- HAY, WILLIAM W., Civil Engineering, Summer Session of 1950, full time, June 23-August 19, 1950, \$1223, supersedes (8-28-50).
- HAYNES, THOMAS M., Instructor, Philosophy, academic year beginning September 1, 1950, \$3000 (8-15-50).
- HAYNES, THOMAS M., Instructor, Philosophy, academic year beginning September 1, 1950, \$3300, supersedes (9-22-50).
- HEATH, HELEN A., Instructor, Psychology (Psychiatry) (Medicine), two months beginning July 1, 1950, \$416 a month (7-10-50).
- HEATH, HELEN A., Instructor, Psychology (Psychiatry) (Medicine), seven months beginning September 1, 1950, \$4992 a year (7-10-50).
- HEITZBERG, CHARLES A., Assistant, Electrical Engineering (C) ($\frac{1}{2}$), nine months beginning September 16, 1950, \$1200, and Research Assistant, Electrical Engineering (S) ($\frac{1}{2}$) (on Y basis), one year beginning September 1, 1950, \$1650, supersedes (9-19-50).
- HEKFINDAHL, ORRIS C., Assistant Professor, Economics, academic year beginning September 1, 1950, \$5000 (7-12-50).
- HICKENLOOPER, IRBY J., Research Associate, Civil Engineering (S), one year beginning September 1, 1950, \$4200, supersedes (8-22-50).
- HILL, CHARLES R., Assistant Professor, Industrial Education, academic year beginning September 1, 1950, \$4500 (8-7-50).
- HILL, LYMAN L., Research Assistant, Mechanical Engineering (C), one year beginning September 1, 1950, \$3000 (7-21-50).
- HINCHCLIFF, KEITH H., Associate Professor, Farm Structures (Agricultural Engineering) (S & E), indefinite tenure beginning July 1, 1950, \$7500 a year, supersedes (8-1-50).

- HINTON, ROYCE A., Assistant, Agricultural Economics (S), one year beginning September 1, 1950, \$4000 (8-3-50).
- HIVON, KATHARINE J., Assistant Professor, Home Economics (C), one year beginning September 1, 1950, \$5000 (8-18-50).
- HODGELL, MURLIN R., First Assistant, Agricultural Engineering (S), September 10, 1950-August 31, 1951, \$4500 a year (8-17-50).
- HOGNESTAD, EIVIND, Research Assistant Professor, Theoretical and Applied Mechanics (S), one year beginning September 1, 1950, \$5000 (7-29-50).
- HOLL, JOHN W., Research Assistant, Mechanical Engineering (S), September 1, 1950-June 15, 1951, \$3200 a year (7-24-50).
- HOLLOWAY, FRANK L., Instructor, Physical Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$4000 (8-15-50).
- HOLMES, RICHARD R., Research Assistant, Chemistry, one year beginning September 1, 1950, \$3900 (8-3-50).
- HOLTZMAN, ROBERT H., Assistant, Education (University High School), nine months beginning September 16, 1950, \$3200 (9-8-50).
- HORNBERGER, CARL S., JR., Research Assistant, Bacteriology (Graduate College), nine months beginning September 16, 1950, \$2400 (9-22-50).
- HORWITZ, MURRAY, Assistant Professor, Education (Bureau of Research and Service), one year beginning September 1, 1950, \$5300 (7-10-50).
- HOUSE, ARTHUR S., Assistant, Speech, nine months beginning September 16, 1950, \$3000 (8-20-50).
- HOWARD, LORN, Research Assistant, Electrical Engineering (C), one year beginning September 1, 1950, \$4000 (8-21-50).
- HUGHES, EDWIN L., Research Assistant, Electronic Digital Computer (Graduate College), one year beginning September 16, 1950, \$3960, supersedes (9-18-50).
- HUSBANDS, KENNETH L., Instructor, Student Teaching (University Council on Teacher Education) ($\frac{1}{2}$), academic year beginning September 1, 1950, \$2000 (7-21-50).
- INSKIP, HAROLD K., Instructor, Chemistry, academic year beginning September 1, 1950, \$3900 (8-29-50).
- IRVINE, L. JANE, Instructor, Otolaryngology (Medicine), academic year beginning September 1, 1950, without salary (7-24-50).
- IVERSON, MRS. ALICE F., Mathematics (Undergraduate Division in Chicago), Summer Session of 1950 (5/6), eight weeks beginning June 26, 1950, \$738 (7-21-50).
- JACKSON, FREDERICK H., Instructor, History (Division of General Studies), academic year beginning September 1, 1950, \$3800 (7-8-50).
- JAYANTI, ROUSSEAU S., Instructor, Physical Education for Men ($\frac{1}{2}$), academic year beginning September 1, 1950, \$1600 (8-21-50).
- JESSEN, GAIL P., Research Assistant, Psychology (Graduate College), ten months beginning September 1, 1950, \$2666.70 (8-28-50).
- JOHNSON, MRS. ANN T., Catalog Assistant, Library, one year beginning September 1, 1950, \$3400, supersedes (9-12-50).
- JOHNSON, BEATRICE E., Research Assistant, Psychology (Graduate College), one year beginning July 1, 1950, \$3800, supersedes (7-21-50).
- JOHNSON, BETTY V., Instructor, Home Economics (C), academic year beginning September 1, 1950, \$3800 (8-5-50).
- JOHNSON, CARL E., Instructor, Chemistry, academic year beginning September 1, 1950, \$3900 (7-24-50).
- JOHNSON, CHARLES E., Instructor, Student Teaching (University Council on Teacher Education) ($\frac{1}{2}$), academic year beginning September 1, 1950, \$2000 (7-21-50).
- JOHNSON, MRS. IDA B., Instructor, Home Economics (C), academic year beginning September 1, 1950, \$3750 (9-14-50).
- JOHNSON, ROBERT B., Research Assistant, Chemistry (Graduate College), one year beginning October 1, 1950, \$4060 (8-20-50).
- JOHNSTON, DOROTHY J., Assistant, Dairy Science (S), one year beginning September 1, 1950, \$3000 (7-21-50).
- JONES, GLADYS L., Instructor, Student Teaching (University Council on Teacher Education) ($\frac{1}{2}$), academic year beginning September 1, 1950, \$2000 (8-8-50).
- KAHANE, MRS. RENÉE T., Research Assistant, Spanish (Graduate College), nine months beginning September 16, 1950, \$2400 (8-8-50).
- KAISER, GEORGE D., Assistant Professor, Anatomy, without salary, Assistant Professor, Surgery (45/100) (Medicine), and Assistant Medical Director, Research

- and Educational Hospitals (20/100), one year beginning September 1, 1950, \$4950 (9-12-50).
- KAISER, GERTRUDE E., Assistant State Leader, and Assistant Professor, Home Economics (E), one year beginning September 1, 1950, \$4900, supersedes (9-15-50).
- KAUFMANN, OLIVER W., Instructor, Food Microbiology (Food Technology) (C) ($\frac{1}{2}$), and (S) ($\frac{1}{2}$), one year beginning September 1, 1950, \$4500 (7-19-50).
- KEAGLE, FOSTER, Instructor, Education, academic year beginning September 1, 1950, \$4000 (9-15-50).
- KECK, CHARLOTTE, Assistant, Speech, nine months beginning September 16, 1950, \$2400, supersedes (8-15-50).
- KEITH, WALTER M., Instructor, Landscape Architecture, academic year beginning September 1, 1950, \$3600 (7-20-50).
- KELLY, JAMES C., Associate Professor, Speech, indefinite tenure beginning September 1, 1950, to render service during each academic year, \$5300 a year (8-9-50).
- KEMMERER, HARLEIGH R., Instructor, Horticulture (E), one year beginning September 1, 1950, \$4500 (9-1-50).
- KEMPE, LLOYD L., Assistant Professor, Food Engineering (Food Technology) (C) ($\frac{1}{2}$), and (S) ($\frac{1}{2}$), two years beginning September 1, 1950, \$6000 (7-19-50).
- KERWOOD, LEWIS O., Administrative Assistant (Commerce and Business Administration), August 1, 1950-August 31, 1951, \$5250 a year, supersedes (8-12-50).
- KHACHATURIAN, NARBAY, Instructor, Civil Engineering (C) ($\frac{3}{4}$), academic year beginning September 1, 1950, \$2250, supersedes (8-5-50).
- KILEY, JEANNE A., Physical Sciences (Undergraduate Division in Chicago), Summer Session of 1950, eight weeks beginning June 26, 1950, \$712, supersedes (7-15-50).
- KINGSTON, JOHN F., Assistant, Verbal Communication (Division of General Studies), nine months beginning September 16, 1950, \$2600 (8-8-50).
- KNOX, ELLIS G., Assistant, Soil Physics (Agronomy) (S), one year beginning September 1, 1950, \$3300 (8-8-50).
- KOEPPE, ROGER E., Research Assistant, Chemistry (Graduate College), one year beginning September 1, 1950, \$3800 (8-15-50).
- KOHN, PAUL, Instructor, Biological Chemistry (Medicine), academic year beginning September 1, 1950, \$3800 (8-28-50).
- KOSTALEK, MARY, Clinical Instructor, Pediatrics (Rush) (Medicine) (1/5), one year beginning September 1, 1950, \$900 (8-28-50).
- KREBS, ALFRED H., Instructor, Agricultural Education, and Counselor (University Council on Teacher Education), academic year beginning September 1, 1950, \$4000 (8-8-50).
- KULP, DONALD A., First Assistant, Forestry (S), one year beginning September 1, 1950, \$4200, supersedes (8-16-50).
- KUMMEROW, FRED A., Assistant Professor, Food Chemistry (Food Technology) (C & S), September 16, 1950-August 31, 1951, \$6500 a year (8-30-50).
- KURTZ, THEODORE B., Assistant Professor, Crowns and Fixed Partial Dentures (Dentistry) ($\frac{3}{4}$), one year beginning September 1, 1950, \$5500 (7-10-50).
- LANDE, MILTON J., Assistant, Orthodontia (Dentistry), one year beginning September 1, 1950, \$2930 (8-30-50).
- LANGDON, JOHN C., Clinical Counselor, Student Counseling Bureau, one year beginning September 1, 1950, \$3500 (8-8-50).
- LANIER, LYLE H., Professor, Psychology and Head of the Department, indefinite tenure beginning August 1, 1950, to render service during each academic year, \$11,000 (7-11-50).
- LARIVIERE, ROSE, Instructor, Mathematics (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$4000 (9-7-50).
- LASKA, JOHN J., Assistant, Education (University High School), nine months beginning September 16, 1950, \$3200 (9-8-50).
- LATTA, PHILIP R., Clinical Instructor, Dermatology (Medicine), four months beginning May 1, 1950, without salary (8-5-50).
- LAVATELLI, LEO S., Assistant Professor, Physics (C), academic year beginning September 1, 1950, \$5000 (7-21-50).
- LAZAR, IRVING, Instructor, Education, academic year beginning September 1, 1950, \$4200 (7-24-50).
- LEEDS, WILLARD L., Instructor, Education, and Counselor (University Council on Teacher Education) ($\frac{1}{2}$), academic year beginning September 1, 1950, \$2000 (7-21-50).

- LIFTON, WALTER M., Assistant Professor, Education, academic year beginning September 1, 1950, \$5000 (5-12-50).
- LINK, ROBERT P., Assistant Professor, Architecture, two years beginning September 1, 1950, to render service during each academic year, \$4800 a year (7-14-50).
- LINSKY, LEONARD, Instructor, Philosophy, seven months beginning February 1, 1951, to render service during the second semester of the academic year, \$1900 (8-5-50).
- LIPIN, JEROME L., Research Assistant, Physiology (Medicine), three months beginning July 1, 1950, \$200 a month (9-15-50).
- LIVERMORE, OGDEN, Physics (Undergraduate Division in Chicago), Summer Session of 1950, eight weeks beginning June 26, 1950, \$1110, supersedes (8-8-50).
- LONG, THELMA F., Instructor, Home Economics (C), academic year beginning September 1, 1950, \$3200 (8-5-50).
- LOOKER, CHARLES B., JR., Assistant Professor, Architecture, academic year beginning September 1, 1950, \$4000, supersedes (8-1-50).
- LUNDQUIST, RICHARD E., Instructor, Accountancy (Business Organization and Operation), academic year beginning September 1, 1950, \$4200 (9-8-50).
- LUSSMAN, DONALD E., Instructor, Chemistry (Pharmacy), academic year beginning September 1, 1950, \$3200 (7-24-50).
- LUTHER, KATHRYN L., Catalog Assistant, Library, one year beginning September 1, 1950, \$3330 (8-8-50).
- MAAS, LEROY, Instructor, Oral Surgery (Rush) (Oral and Maxillofacial Surgery) (Dentistry), one year beginning September 1, 1950, without salary (8-20-50).
- MACKIN, MRS. MARTHA H., Instructor, Physical Sciences, academic year, \$3500, and Staff Counselor, Student Counseling Bureau, with additional compensation of \$500 a year (Undergraduate Division in Chicago), beginning September 1, 1950, supersedes (9-18-50).
- MADER, GEORGE E., Research Assistant, Physics (S), one year beginning September 1, 1950, \$3240 (8-29-50).
- MADISON, KENNETH M., Assistant Professor, Biological Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$4500 (8-7-50).
- MANDEVILLE, MERTON J., Professor, Management (Business Organization and Operation), indefinite tenure beginning September 1, 1950, to render service during each academic year, \$6800 a year (7-24-50).
- MARCUS, RICHARD E., Assistant Professor, Otolaryngology (Medicine), one year beginning September 1, 1950, \$4880, supersedes (8-30-50).
- MARCUS, RICHARD E., Instructor, Otolaryngology (Medicine), three months beginning June 1, 1950, \$287.50 a month, supersedes (7-24-50).
- MARKSBERRY, MARY L., Research Assistant, Provost's Office, nine months beginning September 1, 1950, \$350 a month (8-22-50).
- MARSHALL, MILLARD R., Instructor, Anatomy (Medicine) ($\frac{1}{2}$), academic year beginning September 1, 1950, \$1500 (9-12-50).
- MARTIN, G. E., Instructor, Marketing (Business Organization and Operation), academic year beginning September 1, 1950, \$4200, supersedes (9-8-50).
- MARTIN, NORMAN M., Instructor, Philosophy, academic year beginning September 1, 1950, \$3000 (8-5-50).
- MATHENY, WILLIAM G., Assistant Professor, Psychology, one year beginning September 1, 1950, \$5400, supersedes (8-21-50).
- MAURY, MRS. JEAN H., Manager, Office of Public Information (Undergraduate Division in Chicago), two months beginning July 1, 1950, \$380 a month (8-3-50).
- MCAVOY, WILLIAM C., Assistant (Graduate College), June 23-August 19, 1950, \$560 (7-20-50).
- MCCLELLAN, JAMES E., JR., Instructor, Education (University High School), academic year beginning September 1, 1950, \$3300 (7-21-50).
- MCDANIEL, JOSEPH C., Assistant Professor, Horticulture (E), August 1, 1950-August 31, 1951, \$5100 a year (8-9-50).
- MCELROY, DONALD LUDDEN, Instructor, Applied Materia Medica and Therapeutics (Dentistry) (3/10), one year beginning September 1, 1950, without salary (8-20-50).
- MCNEE, JOHN D., JR., Assistant Professor, Art (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$4800 (8-7-50).
- MCNEIL, ETHEL, Associate Professor, Veterinary Pathology and Hygiene (Veterinary Medicine), indefinite tenure beginning September 1, 1950, \$6000 a year (7-10-50).

- MEARS, ROBERT C., Assistant, Physical Education for Men, nine months beginning September 16, 1950, \$2800 (8-15-50).
- MEYER, JULIA, Research Associate, Oral Pathology (Dentistry), one year beginning July 1, 1950, \$4200 (7-24-50).
- MICHAEL, ERNEST D., Instructor, Physical Education for Men ($\frac{1}{2}$), academic year beginning September 1, 1950, \$1600 (8-15-50).
- MIHELICH, LEWIS, Psychiatrist, and Associate Professor of Hygiene (Health Service), one year beginning September 1, 1950, \$9500 (7-19-50).
- MIKOLAJCZYK, HENRY L., Architecture (Undergraduate Division in Chicago), Summer Session of 1950 (2/3), eight weeks beginning June 26, 1950, \$890, supersedes (8-3-50).
- MOJE, WILLIAM, Research Assistant, Chemistry, one year beginning September 1, 1950, \$3900 (8-3-50).
- MONTGOMERY, LOREN N., Research Assistant, Mechanical Engineering (S), one year beginning September 1, 1950, \$3000 (8-16-50).
- MOORE, FREDERICK T., Assistant Professor, Economics, academic year beginning September 1, 1950, \$4500 (8-22-50).
- MRAZEK, MRS. HAZEL S., Medical Advisor for Women, Health Service (Chicago Professional Colleges) (3/5), one year beginning September 1, 1950, \$3600 (8-8-50).
- MUDGE, RICHARD B., Assistant, Education (University High School), October 9, 1950-June 15, 1951, \$3400 a year (9-22-50).
- MUNSON, BYRON E., Research Associate, Sociology ($\frac{1}{2}$), one year beginning August 1, 1950, \$2004 (9-14-50).
- MUSGRAVE, STANLEY D., Assistant Professor, Dairy Production (Dairy Science) (C & S), October 27, 1950-August 31, 1951, \$4750 a year (9-11-50).
- MYERS, JOHN J., Research Associate, Electrical Engineering (S) ($\frac{3}{4}$), one year beginning September 1, 1950, \$3900 (7-21-50).
- NEWTON, MRS. WINIFRED C., Assistant, Home Economics (S), one year beginning September 1, 1950, \$3000 (8-15-50).
- NICKELS, WALTER A., Flight Instructor, Institute of Aviation, one year beginning September 1, 1950, \$3850 (8-5-50).
- NICKLAS, DOUGLASS R., Graduate Research Assistant, Psychology, three months beginning June 1, 1950, \$266.66 a month, supersedes (6-28-50).
- OSBORNE, JAMES W., Assistant, Physics (Graduate College), two months beginning July 1, 1950, \$534 (7-21-50).
- OWEN, MRS. ROYENE F., Instructor and First Assistant, Home Economics (C) ($\frac{1}{2}$), one year beginning September 1, 1950, \$1850, supersedes (8-1-50).
- PARKER, FRANKLIN D., Assistant, History (Division of General Studies), nine months beginning September 16, 1950, \$2600 (7-8-50).
- PARKER, HOMER S., Clinical Instructor, Pediatrics (Rush) (Medicine) (1/5), one year beginning September 1, 1950, \$900 (8-28-50).
- PATKA, RITA M., Registered Pharmacist, Hospital Pharmacy (Pharmacy), one year beginning September 1, 1950, \$3480 (8-28-50).
- PELLETIER, S. WILLIAM, Research Assistant, Chemistry (Graduate College), ten months beginning September 1, 1950, \$3250 (8-29-50).
- PETERSEN, FREDRICK A., Research Professor, Ceramic Engineering (S), one year beginning September 1, 1950, \$8000, supersedes (9-8-50).
- PETERSON, ROBERT LENUS, Instructor, Management (Business Management Service), and Administrative Assistant, Provost's Office, one year beginning September 1, 1950, \$6500, supersedes (8-1-50).
- PETTICREW, GEORGE A., Research Associate, Electrical Engineering (S), eleven months beginning October 1, 1950, \$5200 a year, supersedes (9-18-50).
- PHILLIPS, BETTYE J., Instructor, Home Economics (C), academic year beginning September 1, 1950, \$3300 (7-21-50).
- PIERCE, BEVERLY J., Assistant Teacher, Nursery School (Division of Special Services for War Veterans), academic year beginning September 1, 1950, \$2700 (7-8-50).
- PINSKA, ELIZABETH J., Research Assistant, Bacteriology (Graduate College), one year beginning July 1, 1950, \$3000 (7-21-50).
- PITT, CARL A., Instructor, Speech (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$4200 (7-24-50).
- PLUMMER, RAYMOND B., Research Associate, Civil Engineering (S) ($\frac{1}{4}$), one year beginning September 1, 1950, \$1125 (9-11-50).
- POHNDORF, RICHARD H., Instructor, Physical Education for Men, academic year beginning September 1, 1950, \$3900 (8-15-50).

- POOLE, FLORENCE L., Associate Professor, Social Welfare Administration, academic year beginning September 1, 1950, \$6000 (7-10-50).
- POTTER, ROBERT E., Instructor, Education (University High School), academic year beginning September 1, 1950, \$3300 (8-28-50).
- PURNELL, ISABELLE, Research Assistant, Bureau of Economic and Business Research, five months beginning September 1, 1950, \$1666.65 (9-8-50).
- RADICE, CANIO, Instructor, Art (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$3900, supersedes (9-19-50).
- RADZIMOVSKY, EUGENE I., Research Assistant, Mechanical Engineering (C), one year beginning September 1, 1950, \$3600 (8-8-50).
- REDDEN, HUGH F., Instructor, Physical Education for Men ($\frac{1}{4}$), academic year beginning September 1, 1950, \$800 (8-15-50).
- REPLINGER, JOHN G., Research Associate, Architecture (Graduate College), one year beginning September 1, 1950, \$3800 (7-21-50).
- RIFFEY, MRS. MADELINE S., Administrative Assistant and Instructor, Library Science, one year beginning September 1, 1950, \$3660 (7-24-50).
- ROBINS, HARRY F., Instructor, English, academic year beginning September 1, 1950, \$3500 (8-3-50).
- ROBINSON, DUANE M., Associate Professor, Recreation (Physical Education for Men), academic year beginning September 1, 1950, \$7000 (8-21-50).
- ROCHELLE, RENE H., Instructor, Physical Education for Men ($\frac{1}{2}$), academic year beginning September 1, 1950, \$1600 (8-15-50).
- ROCKWOOD, MRS. RUTH H., Illini Union Browsing Room Librarian, rank of Instructor, one year beginning September 1, 1950, \$3660, supersedes (8-5-50).
- ROERTGEN, MRS. ELSIE B., Instructor, Education (University High School) ($\frac{3}{4}$), academic year beginning September 1, 1950, \$2350 (7-27-50).
- ROSS, DICK C., Assistant, Commerce and Business Administration (Undergraduate Division in Chicago), nine months beginning September 16, 1950, \$3000 (8-5-50).
- RUNEY, JOSEPH B., Bibliographer, rank of Instructor, Library, one year beginning September 1, 1950, \$3900 (9-8-50).
- SALLACH, HENRY J., Research Assistant, Chemistry (Graduate College), one year beginning September 1, 1950, \$3800 (8-15-50).
- SAMTER, MAX, Assistant Professor, Medicine (Medicine) (9/10), one year beginning September 1, 1950, \$7000, supersedes (8-22-50).
- SANBORN, RICHARD C., Assistant Professor, Entomology (Graduate College), academic year beginning September 1, 1950, \$4500 (8-17-50).
- SAUNDERS, DAVID R., Research Associate, Psychology (Graduate College), one year beginning August 15, 1950, \$5400 (7-8-50).
- SCHOENBERGER, JAMES A., Instructor, Medicine (Medicine), July 1, 1950-August 31, 1951, \$5000 a year (7-24-50).
- SCHOLOMITI, NICHOLAS C., Mathematics (Undergraduate Division in Chicago), Summer Session of 1950 (83/100), eight weeks beginning June 26, 1950, \$609 (7-20-50).
- SCHROEDER, MRS. PATRICIA B., Research Assistant, Chemistry (Graduate College), one year beginning September 1, 1950, \$2700 (8-1-50).
- SCHWARTZ, CECIL, Physical Sciences (Undergraduate Division in Chicago), Summer Session of 1950, eight weeks beginning June 26, 1950, \$778, supersedes (7-15-50).
- SCHWARTZ, DREW, Research Associate, Botany (Graduate College), one year beginning September 1, 1950, \$4000 (7-21-50).
- SCOTT, MARSHALL J., Instructor, Student Teaching (University Council on Teacher Education), academic year beginning September 1, 1950, \$4000 (8-15-50).
- SCOTT, ROBERT E., Instructor, Political Science, academic year beginning September 1, 1950, \$3750 (8-15-50).
- SEIDEL, KATHERINE V., Instructor, Home Economics 4-H Club Work (E), September 5, 1950-August 31, 1951, \$4000 a year (8-17-50).
- SHAW, JEAN C., Research Assistant, Medicine (Medicine), one year beginning July 1, 1950, \$3000, supersedes (8-28-50).
- SHEEK, MARTHA R., Research Assistant, Bacteriology (Graduate College), one year beginning July 1, 1950, \$2400 (8-29-50).
- SHEFFNER, AARON L., Research Assistant, Biological Chemistry (Medicine), two months beginning July 1, 1950, \$266.66 a month (8-8-50).
- SHERBO, ARTHUR, Instructor, English, academic year beginning September 1, 1950, \$3500 (7-24-50).

- SHULER, ROBERT G., Instructor, Art (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$3800 (9-18-50).
- SHUTTLEWORTH, ROY, Research Associate, Physics (C), ten months beginning September 1, 1950, \$4800 a year (7-21-50).
- SIMMONS, EMILY S., Assistant Dean for Graduate Students (Graduate College), one year beginning September 1, 1950, \$4250 (8-11-50).
- SIMMONS, JAMES W., Research Assistant Professor, Bureau of Research and Service, four months beginning September 1, 1950, \$2500 (8-10-50).
- SIMPSON, ELIZABETH J., Instructor, Student Teaching (University Council on Teacher Education) (2/5), academic year beginning September 1, 1950, \$1600 (8-5-50).
- SINCLAIR, GEORGE M., Research Associate, Theoretical and Applied Mechanics (S), one year beginning September 1, 1950, \$4200 (7-25-50).
- SKADDEN, DONALD H., Assistant, Accountancy (Business Organization and Operation), nine months beginning September 16, 1950, \$2800, supersedes (9-22-50).
- SKADELAND, HAROLD M., Physics (Undergraduate Division in Chicago), Summer Session of 1950, eight weeks beginning June 26, 1950, \$890, supersedes (8-3-50).
- SLOSS, JOHN H., Research Assistant, Bureau of Research and Service, one year beginning September 1, 1950, \$3300 (8-5-50).
- SLOTHOWER, WILLIAM R., Instructor, Student Teaching (University Council on Teacher Education) (1/2), academic year beginning September 1, 1950, \$2000 (8-16-50).
- SMALLEY, WEBSTER L., Visiting Instructor, Speech, academic year beginning September 1, 1950, \$4000 (8-16-50).
- SMILEY, JOSEPH R., Associate Professor, French (1/4), indefinite tenure, and Associate Dean of the Graduate College (3/4), August 1, 1950-August 31, 1951, \$8750 a year, supersedes (7-31-50).
- SMITHERS, PERRY L., III, Manager, Office of Public Information (Undergraduate Division in Chicago), one year beginning September 1, 1950, \$4560 (9-16-50).
- SOUTHARD, WENDELL H., Assistant, Pharmacy (Pharmacy), ten months beginning September 1, 1950, \$2600 (9-12-50).
- STEINBERG, MRS. ESTHER, Research Assistant, Bureau of Economic and Business Research, one year beginning September 1, 1950, \$3000 (8-16-50).
- STEPHENSON, LEE P., Research Assistant, Physics (Graduate College), full time, two months beginning July 1, 1950, \$270 a month, and one-half time, ten months beginning September 1, 1950, \$135 a month (7-20-50).
- STICE, GLEN, Research Associate, Psychology (Graduate College), one month beginning September 1, 1950, \$350, supersedes (8-1-50).
- STOECKER, WILBERT F., Instructor, Mechanical Engineering (C), academic year beginning September 1, 1950, \$3200 (8-8-50).
- STOLZ, ARTHUR B., Instructor, Journalism (1/2), to render service during the academic year, and Journalism Librarian (1/2) (on Y basis), one year beginning September 1, 1950, \$4660 (9-18-50).
- STONE, WALTER B., Instructor, English, academic year beginning September 1, 1950, \$3500 (7-24-50).
- SUDAR, PATRICIA G., Assistant, Chemistry (Pharmacy), ten months beginning September 1, 1950, \$2600 (8-15-50).
- SUNDIN, HJALMAR ST. PIERRE, Instructor, Civil Engineering (C), academic year beginning September 1, 1950, \$3800 (7-21-50).
- SUSINA, STANLEY V., Instructor, Pharmacy (Pharmacy), academic year beginning September 1, 1950, \$3900, supersedes (8-8-50).
- SWANSON, EARL R., Instructor, Agricultural Economics (C) (1/2), academic year beginning September 1, 1950, \$2000, supersedes (9-12-50).
- SWANSON, EARL R., Instructor, Agricultural Economics (C & S), academic year beginning September 1, 1950, \$4000 (7-11-50).
- SYMPSON, MARIAN M., Assistant State Leader and Instructor, Home Economics (E), October 16, 1950-August 31, 1951, \$4400 a year (9-12-50).
- TANDBERG, AGNES G., Associate Dean of Women, two months beginning July 1, 1950, \$5250 a year, supersedes (7-27-50).
- TATE, MRS. INEZ S., Assistant Dean of Women, one year beginning September 1, 1950, \$3800 (9-8-50).

- TAYLOR, WELTON I., Instructor, Bacteriology (Medicine), two months beginning July 15, 1950, \$337.50 a month, this is in addition to present appointment, (9-15-50).
- TEPLITZ, ZELDA, Instructor, Psychiatry (Medicine), three months beginning June 1, 1950, without salary (8-5-50).
- ERRILL, WILLIAM A., Instructor, Accountancy (Business Organization and Operation) (34), academic year beginning September 1, 1950, \$2400, supersedes (9-8-50).
- THACKRAY, SHIRLEY MAY, Assistant Head Resident, Lincoln Avenue Residence (North Half), ten months beginning September 1, 1950, \$2400; for the convenience of the University, she will also be provided three meals daily valued at \$21 a month (9-18-50).
- THOM, KATHLEEN J., Instructor, Biological Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$3200 (7-24-50).
- TIENHOVEN, ARI V., Assistant, Dairy Science (S), one year beginning September 1, 1950, \$3000, supersedes (9-19-50).
- TOLBERT, MARIAN E., Assistant Professor, Home Economics (S), one year beginning September 1, 1950, \$5000 (8-18-50).
- TOMAN, KURT, Research Assistant, Electrical Engineering (S), one year beginning September 1, 1950, \$3300 (8-28-50).
- TONKIN, WILLIAM M., Counselor, Division of Special Services for War Veterans (34), one year beginning September 1, 1950, \$2300, supersedes (7-8-50).
- TORCH, MRS. BERNICE L., Assistant, Horticulture (S), one year beginning September 1, 1950, \$3200 (9-11-50).
- TURNER, MRS. HELEN D., Assistant State Leader, and Instructor, Home Economics (E), one year beginning September 1, 1950, \$4200, supersedes (9-15-50).
- TWIST, JANE E., Research Assistant, Chemistry (Graduate College), September 16, 1950-August 31, 1951, \$3066.67 (7-21-50).
- UTLEY, JEAN L., Assistant Professor, Audiology (Otolaryngology) (Medicine), academic year beginning September 1, 1950, without salary (7-24-50).
- VAN DAM, THOMAS E., JR., Instructor, Physical Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$3300 (9-12-50).
- VAN DOREN, CORNELIUS A., Assistant Professor, Soil Conservation (Agronomy) (S), one year beginning September 1, 1950, without salary (8-8-50).
- VAN NORDEN, MRS. FLORENCE J., Instructor, Home Economics (C), one year beginning September 1, 1950, \$4000, supersedes (8-29-50).
- VAN SICKLE, JAMES W., Adjutant of the Air Force, August 1, 1950-August 31, 1951, \$500 a year (9-18-50).
- VAWTER, GORDON F., Experimental Pathologist, Aeromedical and Physical Environment Laboratory, one year beginning July 1, 1950, \$5500 (8-12-50).
- VERNIER, VERNON G., Research Associate, Pharmacology (Medicine), one year beginning July 1, 1950, \$3600 (8-29-50).
- WADDINGTON, HARRY K., Instructor, Obstetrics and Gynecology (Medicine) (45/100), one year beginning September 1, 1950, \$1700 (8-17-50).
- WADE, LAURENCE J., JR., Assistant, Accountancy (Business Organization and Operation), nine months beginning September 16, 1950, \$2600 (9-18-50).
- WAGY, LOUIS C., Assistant, English, nine months beginning September 16, 1950, \$2400 (8-11-50).
- WALLING, MARY LOU, Research Assistant, Bureau of Economics and Business Research, one year beginning September 1, 1950, \$3200, supersedes (8-29-50).
- WALTER, LOWELL M., Instructor, Education (University High School) (2/3), academic year beginning September 1, 1950, \$2667 (9-11-50).
- WETENKAMP, HARRY R., Research Assistant Professor, Theoretical and Applied Mechanics (S), one year beginning September 1, 1950, \$5000, supersedes (7-25-50).
- WETZEL, HUBERT J., Instructor, Agricultural 4-H Club Work (E), one year beginning September 1, 1950, \$4500, supersedes (7-21-50).
- WHITE, WALTER L., Assistant, Applied Materia Medica and Therapeutics (Dentistry) (1/5), one year beginning September 1, 1950, without salary (8-20-50).
- WIEGAND, RICHARD, Assistant, Business English, nine months beginning September 16, 1950, \$3100 (8-17-50).
- WILLIAMS, DONALD B., Assistant, Agricultural Economics (Graduate College), eight months beginning July 1, 1950, \$270 a month (8-8-50).

- WINCHESTER, MARY E., Engineering Library Assistant, one year beginning September 1, 1950, \$3150 (8-20-50).
- WINTER, DEAN W., Assistant, Agricultural Engineering (S), three months beginning June 1, 1950, \$300 a month, supersedes (7-27-50).
- WINTER, DEAN W., Assistant, Agricultural Engineering (S), one year beginning September 1, 1950, \$3600 (7-27-50).
- WOHLER, WILMA, Instructor, Education (University High School) ($\frac{1}{2}$), academic year beginning September 1, 1950, \$1600 (9-8-50).
- WOOD, MRS. CORDILL H., Instructor, Mental Hygiene and Clinical Psychotherapist (Health Service) ($\frac{1}{2}$), September 15, 1950-August 31, 1951, \$2100 a year (9-18-50).
- WRIGHT, MRS. ELIZABETH V., English (Undergraduate Division in Chicago), Summer Session of 1950 ($\frac{1}{2}$), eight weeks beginning June 26, 1950, \$456 (7-15-50).
- WYNN, BONNIE J., Assistant Head Resident, Lincoln Avenue Residence (North Half), ten months beginning September 1, 1950, \$2400; for the convenience of the University, she will also be provided three meals daily valued at \$21 a month (8-3-50).
- YOTHERS, LEE W., Administrative Resident, Research and Educational Hospitals, one year beginning July 1, 1950, \$1500 (8-3-50).
- YOUNG, NORMAN, Instructor, Education, academic year beginning September 1, 1950, \$3600 (9-8-50).
- ZIMRING, ALLAN J., Instructor, Anatomy (Medicine) (12/100), academic year beginning September 1, 1950, \$400 (8-28-50).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- ADAMS, JOHN G., Bristol Research Fellow, Pharmacology (Medicine), one year beginning September 1, 1950, \$1800, supersedes (9-18-50).
- BEARDSLEY, DANIEL W., Harry G. and Harriett A. Wright Fellow, Animal Nutrition, nine months beginning September 16, 1950, \$700 (7-26-50).
- BHASKAR, SURINDAR N., United States Public Health Service Research Fellow, Histology (Dentistry), one year beginning September 1, 1950, \$3600 (9-11-50).
- BIRCH, HOMER J., Lauhoff Grain Company Fellow, Chemistry, nine months beginning September 16, 1950, \$1500 (9-20-50).
- BIRD, ROBERT B., American Heart Association Research Fellow, Physiology (Medicine), three months beginning July 1, 1950, \$100 a month, supersedes (7-24-50).
- COHEN, HYMAN L., Roche Research Fellow, Pharmacology (Medicine), three months beginning July 1, 1950, \$125 a month (7-24-50).
- COMESS, MORTON S., United States Air Force Research Fellow, Aeromedical and Physical Environment Laboratory, July 10-September 30, 1950, \$185 a month (8-3-50).
- DELORENZO, WILLIAM, Standard Brands Postdoctoral Fellow, Bacteriology, one year beginning September 1, 1950, \$3000 (8-14-50).
- FEFFER, MELVIN H., United States Public Health Service Fellow, Psychology (Psychiatry) (Medicine), one year beginning July 1, 1950, \$2000 (8-5-50).
- FRIEDBERG, ARTHUR L., Fellow, Ceramic Engineering, ten months beginning September 1, 1950, \$1700 (7-11-50).
- FUNDERBURK, WILLIAM H., Smith, Kline and French Laboratories Research Fellow, Pharmacology (Medicine), eight months beginning September 1, 1950, \$3600 a year (9-12-50).
- INSKIP, LOIS W., Postdoctoral Fellow, Biochemistry, nine months beginning September 16, 1950, \$2400 (9-19-50).
- KJELLBERG, RAYMOND N., Mallinkrodt Chemical Works Research Fellow, Pharmacology (Medicine), three months beginning July 1, 1950, \$125 a month (7-24-50).
- KOBRIN, HENRY, National Institute of Health Research Fellow, Clinical Science (Medicine), four months beginning June 1, 1950, \$125 a month (7-24-50).
- LANDE, MILTON J., Research Fellow, Orthodontia (Dentistry), two months beginning July 1, 1950, \$100 a month (8-3-50).
- MARSHALL, WILLIAM H., Bristol Laboratory Research Fellow, Pharmacology (Medicine), three months beginning July 1, 1950, \$125 a month (7-24-50).
- MARTIN, WILLIAM R., Squibb Research Fellow, Pharmacology (Medicine), three months beginning July 1, 1950, \$125 a month (7-24-50).

- McKEEVER, MRS. MADRIGALE, United States Public Health Service Fellow, Psychology (Psychiatry) (Medicine), one year beginning July 1, 1950, \$2000 (8-5-50).
 METHVIN, DORIS, Mary E. Baker Scholar, Library Science, nine months beginning September 16, 1950, \$300 (8-28-50).
 MILFORD, JAMES J., JR., American Heart Association Research Fellow, Physiology (Medicine), three months beginning July 1, 1950, \$100 a month (7-24-50).
 MOORE, JOHN B., American Heart Association Research Fellow, Physiology (Medicine), three months beginning July 1, 1950, \$100 a month, supersedes (7-24-50).
 ROBACK, GEORGE S., Hoffman-LaRoche Incorporated Research Fellow, Clinical Science (Medicine), one year beginning July 1, 1950, \$1800 (8-5-50).
 ROTH, ROBERT S., National Lead Company Fellow, Geology, nine months beginning September 16, 1950, \$1200 (7-27-50).
 STALLMEYER, JAMES E., Standard Oil Company of Indiana Fellow, Civil Engineering, five months beginning July 1, 1950, \$750 (8-8-50).
 SUSINA, STANLEY V., Squibb Research Fellow, Pharmacology (Medicine), three months beginning June 16, 1950, \$125 a month (7-24-50).
 WANG, RICHARD I. H., Abbott Laboratory Research Fellow, Pharmacology (Medicine), one year beginning September 1, 1950, \$1500 (9-18-50).
 WEINER, PAUL S., United States Public Health Service Fellow, Psychology (Psychiatry) (Medicine), one year beginning July 1, 1950, \$2000 (8-5-50).
 WILKINSON, JACK L., Edward Orton Jr. Fellow, Ceramic Engineering, ten months beginning September 1, 1950, \$1000 (8-7-50).
 WILSON, VERNON E., Smith, Kline and French Research Fellow, Pharmacology (Medicine), three months beginning July 1, 1950, \$125 a month (7-24-50).

RESIGNATIONS AND DECLINATIONS

- ADAMS, WILLIAM W., Instructor, Speech — resignation effective 9-1-50.
 ANDERSON, MARGARET I., Instructor, Social Welfare Administration (Chicago Professional Colleges) — resignation effective 9-8-50.
 ANDREWS, HELEN R., Assistant Dean of Women — declination effective 9-1-50.
 ANISON, GEORGE, Clinical Assistant, Bronchoesophagology (Otolaryngology) (Medicine) — resignation effective 7-1-50.
 ASAY, ANTHONY H., Instructor, Accountancy (Business Organization and Operation) — resignation effective 9-1-50.
 BAIR, T. D., Assistant, Veterinary Parasitology (Veterinary Pathology and Hygiene) (Veterinary Medicine) — declination effective 9-1-50.
 BANTZ, ELIZABETH R., Serial Cataloger, with rank of Instructor, Library — resignation effective 9-1-50.
 BAUMAN, ROBERT A., Research Assistant, Chemistry — declination effective 9-1-50.
 BEATY, JEROME, Assistant, English — resignation effective 9-16-50.
 BELCHER, DAVID W., Assistant Professor, Management (Business Management Service) — resignation effective 9-1-50.
 BENDER, COLEMAN C., Instructor, Speech — declination effective 9-1-50.
 BERG, KENNETH B., Instructor, Accountancy (Business Organization and Operation) — resignation effective 9-1-50.
 BINKLEY, MAX A., Instructor, Accountancy (Business Organization and Operation) — declination effective 9-1-50.
 BLACK, MRS. ESTHER A., Instructor, Nursery School (Division of Special Services for War Veterans) — declination effective 9-1-50.
 BLAND, LOIS J., Assistant, Home Economics 4-H Club Work (Home Economics) (E) — resignation effective 9-1-50.
 BLODGETT, RALPH H., Professor, Economics — resignation effective 9-1-50.
 BOWMAN, MRS. MARCIA, Instructor, Business English — resignation effective 9-1-50.
 BRADLEY, PHILLIPS, Professor, Political Science — resignation effective 9-1-50.
 BRADSHAW, GLENN R., Assistant, Education (University High School) — resignation effective 6-16-50.
 BRANCH, JAMES E., Associate Professor, Architecture — resignation effective 9-1-50.
 BRODY, THEODORE M., Instructor, Pharmacognosy and Pharmacology (Pharmacy) — resignation effective 9-1-50.
 BUEHNER, WILLIAM J., Fellow, Classics — resignation effective 9-16-50.
 BURT, BARBARA A., Clinical Counselor, Student Counseling Bureau — declination effective 9-1-50.
 CANTÓN, ALFREDO, Assistant Professor, Spanish — resignation effective 9-1-50.

- CARLISLE, MARTHA E., Assistant, Agricultural Economics (E) — resignation effective 7-17-50.
- CARRICO, JOSEPH E., Assistant, Accountancy (Business Organization and Operation) — declination effective 9-16-50.
- CHASE, MARTIN N., Research Associate, Electrical Engineering (S) — declination effective 9-1-50.
- COLLINS, EUNICE, Assistant Professor, Journalism and Communications (School of Journalism and Communications) and (Library), and Journalism Librarian — declination effective 9-1-50.
- COMREY, ANDREW L., Assistant Professor, Psychology — resignation effective 9-1-50.
- CONSOLAZIO, CARLO F., Research Associate, Physiology — resignation effective 9-1-50.
- CRAMER, MRS. MARION C., Architecture Library Assistant — declination effective 9-1-50.
- DELANEY, JEAN, Instructor, Nursery School (Division of Special Services for War Veterans) — resignation effective 9-1-50.
- DEMSEY, ELWOOD J., Adjutant, Military Department — resignation effective 7-31-50.
- DIECKAMP, HERMAN, Research Assistant, Physics (C) — resignation effective 9-1-50.
- DRESKIN, ERVING A., Instructor, Pathology (Medicine) — resignation effective 7-30-50.
- DRESSEL, MRS. ELIZABETH, Research Assistant, Bureau of Institutional Research (Provost's Office) — declination effective 9-1-50.
- EARLEY, L. WILLIAM, Assistant Professor, Psychiatry (Medicine) — resignation effective 8-31-50.
- ELLIS, MRS. NAOMI C., Binding Assistant, Library — declination effective 9-1-50.
- ENGEL, ELMER H., Assistant, Physical Education for Men — declination effective 9-16-50.
- FLEMING, ARTHUR N., Instructor, Mechanical Engineering (C) — resignation effective 9-1-50.
- FLEXMAN, RALPH E., Flight Instructor, Institute of Aviation — resignation effective 9-1-50.
- FRANK, ROBERT L., Assistant Professor, Chemistry — declination effective 9-1-50.
- FRANKEL, SHERMAN, Special Research Associate, Physics (C) — resignation effective 9-1-50.
- FRANTZ, RAY W., JR., Acquisition Assistant, Library — resignation effective 9-1-50.
- FRIEDBERG, ARTHUR L., Research Associate, Ceramic Engineering (S) — declination effective 9-1-50.
- FULLER, EVERETT G., Research Assistant, Physics (C) — resignation effective 8-7-50.
- FULLER, JOSEPH A., JR., Fellow, Chemistry — resignation effective 9-16-50.
- GEFARDT, SARAH L., Instructor, Occupational Therapy (Physical Medicine and Rehabilitation) (Medicine), and Supervisor, Occupational Therapy (Research and Educational Hospitals) — declination effective 9-1-50.
- GILL, BILLIE R., Instructor, Education (University High School) — resignation effective 9-1-50.
- GOLDHABER, MORITZ, Professor, Physics (C) — resignation effective 8-31-50.
- GOODWIN, A. HOOKER, Instructor, Illustration Studios (Medicine) — resignation effective 8-31-50.
- GREENWOOD, F. L., Research Assistant, Chemistry — declination effective 9-16-50.
- GREENWOOD, MRS. V. LOUISE, Instructor, Home Economics (C) — resignation effective 9-1-50.
- GROSS, DOROTHY A., Assistant, Institute of Aviation — resignation effective 9-1-50.
- GRIP, CARL M., JR., Assistant Dean of Men — resignation effective 9-1-50.
- HAGAN, AUDREY N., Fellow, Journalism — resignation effective 9-16-50.
- HAMMOND, SETH, Economics, Summer Session of 1950 — resignation effective 6-23-50.
- HARNACK, ROBERT E., First Assistant, Horticulture (S) — resignation effective 8-31-50.
- HEFFERNAN, PATRICIA A., Instructor, Physical Sciences (Undergraduate Division in Chicago) — declination effective 9-1-50.
- JACOBS, SANFORD, Fellow, Marketing — resignation effective 9-16-50.
- JENKINS, DONALD J., Fellow, Institute of Labor and Industrial Relations — resignation effective 9-16-50.
- JENSEN, MRS. KATHERINE B., Assistant Head Resident, Lincoln Avenue Residence (South Half) — declination effective 9-1-50.

- JUVINALL, ROBERT C., Assistant Professor, Mechanical Engineering (C) — resignation effective 8-31-50.
- KENEIPP, VIRGINIA M., Assistant, Home Economics (C) — resignation effective 9-1-50.
- KISSEL, EDWIN, Research Fellow, Pharmacology (Medicine) — resignation effective 8-1-50.
- KLEINSCHMIDT, EARL E., Associate Professor, Preventive Medicine and Public Health (Medicine) — resignation effective 8-31-50.
- KNIGHT, KATHERINE G., First Assistant, Home Economics (C) — resignation effective 9-1-50.
- KNUTI, LEO L., Instructor, Agricultural Education, and Counselor, University Council on Teacher Education — resignation effective 8-31-50.
- KOHN, PAUL, Upjohn Company Fellow, Chemistry — resignation effective 6-30-50.
- KOPEL, RACHEL, Assistant, Microanalysis (Chemistry) — resignation effective 8-1-50.
- KUHNS, HELEN F., Agriculture Library Assistant — resignation effective 9-1-50.
- LEGRAND, DOROTHY, Assistant, Home Economics (C) — resignation effective 9-1-50.
- LEWANDOSKI, MRS. MARTHA S., Assistant Professor, Hygiene, and Medical Adviser for Women (Health Service) — resignation effective 10-1-50.
- LIM, ROBERT K. S., Visiting Research Professor, Clinical Science (Medicine) — declination effective 9-1-50.
- LINSKY, LEONARD, Instructor, Philosophy — resignation effective 9-1-50.
- LOHMEYER, CHARLES R., Associate Director for Civil Service of Nonacademic Personnel — resignation effective 7-22-50.
- LOOKER, JAMES H., Research Assistant, Chemistry — resignation effective 9-1-50.
- LOWERY, JOSEPH R., Assistant, Management (Business Organization and Operation) — declination effective 9-16-50.
- MACADAM, MARY L. B., Research Assistant, Bureau of Economic and Business Research — resignation effective 6-30-50.
- MANN, KINGSLEY M., Assistant Professor, Animal Science (Graduate College) — declination effective 9-1-50.
- MARTZ, RUBY V., Acquisition Assistant, Library — resignation effective 9-1-50.
- MISNER, DAVID E., Assistant Professor, Education (University High School) — resignation effective 9-1-50.
- MOSIER, JACOB E., Assistant Professor, Veterinary Clinical Medicine, (Veterinary Medicine) — resignation effective 8-15-50.
- NISHIMURA, M. S., Research Assistant, Botany (Graduate College) — resignation effective 7-1-50.
- OESTERLING, JANE, Research Assistant, Chemistry — declination effective 9-1-50.
- OSTERBERG, WESLEY, Assistant Professor, Psychology — resignation effective 9-1-50.
- PALMER, JOHN R., Fellow, History — resignation effective 5-31-50.
- PATRICK, ROBERT L., Instructor, Business Law (Business Organization and Operation) — declination effective 9-1-50.
- PAULSON, KATHERINE E., Assistant, Food Technology (S) — resignation effective 9-1-50.
- PILOT, MARTIN L., Research Fellow, Pharmacology (Medicine) — resignation effective 8-1-50.
- POLK, GEORGE A., Assistant, Mechanical Engineering (C) — resignation effective 6-16-50.
- POPELKA, BLANCHE M., Assistant, Occupational Therapy (Physical Medicine and Rehabilitation (Medicine) and (Research and Educational Hospitals) — resignation effective 9-19-50.
- PRIER, JAMES E., Instructor, Veterinary Research (S), and Veterinary Pathology and Hygiene (Veterinary Medicine) — declination effective 9-1-50.
- PYE, MALCOLM L., Instructor, Accountancy (Business Organization and Operation) — resignation effective 9-1-50.
- RECORDS, JOHN K., Special Research Associate, Electrical Engineering (S) — resignation effective 9-1-50.
- REEDY, JEAN, Research Assistant, Committee on Admissions from Secondary Schools — declination effective 9-1-50.
- REITZE, ALBERTA E., Instructor, Home Economics (C) — resignation effective 9-1-50.
- RICE, MARY J., Instructor, Home Economics (C) — resignation effective 9-1-50.
- ROBINSON, DUANE M., Associate Professor, Recreation (Physical Education for Men) — declination effective 9-1-50.

- RUTHVEN, BRYANT W., Instructor, Labor and Industrial Relations — resignation effective 9-11-50.
- SAGONA, FRANK M., Instructor, Pharmacy (Pharmacy) — resignation effective 9-1-50.
- SASAKI, HIDEO, Instructor, Landscape Architecture — resignation effective 9-1-50.
- SAUNDERS, MRS. FRANCES P., Periodical Assistant, Library — declination effective 9-1-50.
- SCHERMEISTER, LEO J., Instructor, Pharmacognosy (Pharmacy) — resignation effective 9-1-50.
- SCHUELER, ARNOLD P., Shell Oil Company Fellow, Chemical Engineering — resignation effective 9-16-50.
- SCHWARTZ, ELIZABETH, Circulation Assistant, Library — declination effective 9-1-50.
- SCHWARTZ, HARRY R., Clinical Instructor, Medicine (Medicine) — resignation effective 8-7-50.
- SENGER, JOHN D., Instructor, Management (Business Organization and Operation) — declination effective 9-1-50.
- SHAPIRO, M. DAVID, Research Assistant, Electronic Digital Computer (Graduate College) — resignation effective 10-21-50.
- SHEN, ELIZABETH H. H., Research Assistant, Chemistry — declination effective 7-1-50.
- SHORT, DOROTHY M., Catalog Assistant, Library — resignation effective 9-1-50.
- SKOK, JOHN, Assistant Professor, Vegetable Crops (Horticulture) (C & S) — resignation effective 8-31-50.
- STABNOW, EUNICE, Assistant Teacher, Nursery School (Division of Special Services for War Veterans) — resignation effective 9-1-50.
- STAUB, ALFRED, Research Assistant, Chemistry — declination effective 10-1-50.
- SUNDIN, HJALMAR ST. PIERRE, Fellow, Civil Engineering — resignation effective 9-16-50.
- TAYLOR, CHARLES J., Research Associate, Physics (S) — resignation effective 9-1-50.
- THOMAS, GLYN N., Instructor, English — resignation effective 9-1-50.
- TINER, MRS. Lyla G., Personnel Technician, Student Counseling Bureau — resignation effective 7-21-50.
- TOPP, ROBERT F., Assistant Professor, Education — declination effective 9-1-50.
- TORHAN, GEORGE, Counselor, Division of Special Services for War Veterans — resignation effective 7-16-50.
- VAN DOREN, CORNELIUS A., Assistant Professor, Soil Conservation (Agronomy) (S) — declination effective 9-1-50.
- VAN SLYKE, JAMES K., Instructor, Rural Sociology (Agricultural Economics) (E) — declination effective 9-1-50.
- VANVELZER, HARRY L., Research Associate Professor, Electrical Engineering (S) — declination effective 9-1-50.
- WAGMAN, JULIUS, Instructor, Physical Sciences (Undergraduate Division in Chicago) — declination effective 9-1-50.
- WALTER, C. ROBERT, Research Assistant, Chemistry — resignation effective 9-1-50.
- WANKEL, RONALD A., Research Assistant, Chemistry — resignation effective 9-1-50.
- WEIGEL, ROBERT H., Research Associate, Mechanical Engineering (S) — resignation effective 9-23-50.
- WILKINSON, CLYDE W., Assistant Professor, Business English, and Counselor, Student Counseling Bureau — declination effective 9-1-50.
- WOLFF, ROBERT W., Research Assistant, Bureau of Economic and Business Research — declination effective 9-1-50.
- WOODMAN, EVERETT M., Assistant Professor, Education — resignation effective 9-1-50.
- ZIMMERMAN, E. J., Research Associate, Physics (S) — declination effective 9-1-50.

LEAVES OF ABSENCE

- GLICKMAN, NATHANIEL, Assistant Professor, Medicine, and Research Physiologist (Medicine) — leave of absence, without salary, June 1, 1950, until further notice.
- GRAY, HORACE M., Professor, Economics — leave of absence, without salary, June 15-August 15, 1950.
- HURWICZ, LEONID, Research Professor, Economics and Mathematical Statistics (Graduate College) — leave of absence, without salary, September 1, 1950-February 28, 1951.

- LACKY, ALLEN D., Instructor, Education (University High School) — leave of absence, without salary, October 7, 1950, and continuing through the academic year of 1950-1951.
- LENG, EARL R., Assistant Professor, Plant Genetics (Agronomy) (C & S) — leave of absence, without salary, August 1, 1950, and continuing until further notice (but not later than August 31, 1951) for military service.
- MCGLOTHLIN, MARGARET P., Assistant Editor, Agricultural Experiment Station — leave of absence, without salary, August 1-August 31, 1950.
- MCPHERSON, WILLIAM H., Professor, Economics (Institute of Labor and Industrial Relations), and (Economics) — leave of absence, without salary, September 1-December 31, 1950.
- WALKER, CLARETA, Assistant Professor, Rural Youth (Home Economics) (E) — leave of absence for the academic year beginning September 1, 1950, canceled.

DEGREES CONFERRED AUGUST 21, 1950

Summary

Degrees in the Graduate College:

Master of Education	4
Master of Social Work	2
Master of Arts	113
Master of Science	367
Master of Fine Arts	2
Master of Music	3
<i>Total, Graduate College</i>	(491)

Degrees in Law:

Bachelor of Science	2
Bachelor of Laws	15
Doctor of Law	3
<i>Total, Law</i>	(20)

Baccalaureate Degrees:

Bachelor of Science, College of Agriculture	46
Bachelor of Science, College of Engineering	117
Bachelor of Arts, College of Liberal Arts and Sciences	62
Bachelor of Science, College of Liberal Arts and Sciences	51
Bachelor of Science, Library School	8
Bachelor of Science, College of Education	22
Bachelor of Science, College of Commerce and Business Administration ..	115
Bachelor of Science, School of Journalism and Communications	11
Bachelor of Science, College of Fine and Applied Arts	23
Bachelor of Fine Arts, College of Fine and Applied Arts	9
Bachelor of Music, College of Fine and Applied Arts	1
Bachelor of Science, School of Physical Education	12
Bachelor of Science, Division of Special Services for War Veterans	91
<i>Total, Baccalaureate Degrees</i>	(568)

Total, Degrees Conferred

GRADUATE COLLEGE

Professional Degrees

Degree of Master of Education

- NORMAN WALDO FINLEY, B.Ed., Southern Illinois University, 1935; M.S., 1946
- LEONARD DUNBAR NELSON, A.B., A.M., 1940, 1946
- CARL WILLIAM PROEHL, A.B., Muhlenberg College, 1939; A.M., 1940
- GUY TRUMAN ROBINSON, A.B., Illinois College, 1928; A.M., 1947

Degree of Master of Social Work

- ANN MARIE GRANESE, B.S., Seton Hall College, 1949
- ELEANOR VALOIS KOVEC, B.S., 1942

Degree of Master of Arts

In Accountancy

TSUO CHOW MA, A.B., Kung Shang University, 1946; A.M., 1949

In Economics

AMOS CLARK CAREY, B.S., 1949

WILLIAM MCKINLEY MERRILL, A.B., Harvard University, 1920

In Education

- HARRY OLIVER ANDERSON, JR., Ph.B., Illinois Wesleyan University, 1947
 GEORGE EDWARD ASHLEY, B.Mus., Illinois Wesleyan University, 1943
 ALMA DELORES BELL, A.B., Stowe Teachers College, 1946
 EVELYN CARPENTER BENNETT, B.Ed., Eastern Illinois State College, 1940
 HATTIE ELINOR BRIGGS, A.B., Bradley University, 1940
 JOHN LORENZO BROOKS, A.B., Lincoln University, 1940
 NORMA LOU BROWN, B.S., Southern Illinois University, 1946
 PHILIP SCOTT CLARY, B.S., Western Illinois State College, 1944
 MUSABELLE COONS, A.B., MacMurray College, 1946
 GENEVIEVE MARY DAILY, B.S., 1947
 JEROME JOHN DUNSE, B.S., Bradley University, 1949
 GEORGE IRVING DYKSTRA, A.B., Hope College, 1943
 THOMAS LEONIDAS ENDSLEY, B.Ed., Eastern Illinois State College, 1938
 DOROTHY FRANCES FARRIS, A.B., Indiana State Teachers College, 1943
 JOHN EMANUEL GOERWITZ, B.S., 1949
 LAVERGNE C. HACKENBROCH, B.S., Northwestern University, 1944
 GEORGIA MONTAFAR HARBISON, B.Ed., Southern Illinois University, 1937
 CECIL STUART HARN, B.Ed., Western Illinois State College, 1936
 ALMA SPAIN HARRIS, B.S., Lincoln University, 1942
 VIVIAN RAE HAYES, A.B., Stowe Teachers College, 1932
 ROBERTA CATHERINE HOPPER, B.Ed., Southern Illinois University, 1943
 MABEL HUFFMAN, B.Ed., Southern Illinois University, 1940
 LEO STANLEY HUTT, B.S., Murray State Teachers College, 1943
 CALVENE INWOOD, A.B., San Francisco Teachers College, 1934
 EVA BELLE JEFFRIES, A.B., Park College, 1944
 HOWARD LYLE JONES, A.B., 1949
 LAURA ROSE JUPIN, B.S., 1931
 VANCE ARNET KAUFFOLD, B.Ed., Illinois State Normal University, 1938
 VIRGINIA BURKEY KELLER, B.Ed., Illinois State Normal University, 1938
 ESTHER LEOTA KERRES, B.Ed., 1946
 HARRY ALVIN KINERT, Ph.B., Marquette University, 1940
 LYLE CRABB KING, B.Ed., Illinois State Normal University, 1941
 JOHN KELLEY KRUMEICH, A.B., McKendree College, 1949
 BERTHA ESTELLA KUHN, B.S., Southern Illinois University, 1946
 ADA SARAH LAPP, A.B., Goshen College, 1931
 MYRON LIEBERMAN, B.S., University of Minnesota, 1941, 1948
 LOUISE CLAYTON LONGMAN, A.B., Monmouth College, 1932
 ARENIA C. MALLORY, A.B., Simmons University, 1926
 ESTHER ALISON MATHIS, B.Ed., Southern Illinois University, 1943
 EDNA CLARISSA MELLOR, A.B., Arizona State Teachers College, 1935
 DORA SELMA MILLER, A.B., North Texas State Teachers College, 1942
 FRANK JOSEPH MULA, B.F.A., 1949
 MARGARET CAROLINE MURRAY, A.B., Bradley University, 1944
 LYLE KEITH MUSICK, A.B., James Millikin University, 1941
 CARL JOHN PEMPEK, B.S., 1948
 GRAYDON LAUGMAN PETERSON, B.Ed., Northern Illinois State Teachers College, 1943
 CAROLYN YVONNE PRUNTY, A.B., Shaw University, 1949
 THEODORE EDWARD SIMS, B.S., 1937
 SISTER MARY BASIL HAMBERRY, Ph.B., DePaul University, 1936
 LUTHER EDWARD SMITH, A.B., Hillsdale College, 1931
 THERESE SOMERS, A.B., College of St. Francis, 1948

MURIEL FRANCES STADY, A.B., University of Denver, 1947
RUSSELL LOVEJOY STEPHENSON, B.Ed., Illinois State Normal University, 1941
LORETTA INONA SULLIVAN, A.B., Shurtleff College, 1946
GORDON GUNNELL TEICHMANN, A.B., North Central College, 1940
LINZY IVAN TRUEBLOOD, A.B., DePauw University, 1938
JUSTINE TURNER, A.B., Stowe Teachers College, 1944
CLAUDEAN EDRIE TUTTLE, B.S., 1949
MAURICE CARLYLE WALWORTH, A.B., Denison University, 1948
SELMA GREENE WARD, A.B., Stowe Teachers College, 1930
MARIAN WOZENCRAFT, A.B., University of Chicago, 1941

In English

ROGER LEON BROOKS, A.B., Taylor University, 1949
HELEN MCGAVRAN CORNELI, A.B., 1948
BARBARA BONNE FRANKEL, A.B., 1948
PRINCESS BEASLEY JONES, A.B., Tougaloo College, 1945
PHYLLIS JEAN LLEWELLYN, B.S., University of Nebraska, 1948
IRENE HARRIET PONTO, A.B., 1949
RACHELLE BRENNER SCHOENFELD, B.S., Boston University, 1948
JAMES ERWIN SMYTHE, A.B., George Pepperdine College, 1945
JAMES PAUL YOGGERST, B.S., 1949
DOROTHY WYNNE ZIMMERMAN, A.B., 1947

In French

SISTER MARY AIMÉE HAULARD, B.S., St. Mary's Dominican College, 1939

In Geography

DAVID JOHN DE LAUBENFELS, A.B., Colgate University, 1949
HOWARD DAMERY RICE, A.B., James Millikin University, 1947

In Geology

WALTER AUGUSTINE LOCKER, JR., A.B., College of Wooster, 1948
ELLEN JORDAN SHANNON, A.B., 1945

In History

ARTHUR MARVIN GARY, B.S.S., College of the City of New York, 1949
IAN CHARLES CARGILL GRAHAM, A.B., University of London, 1949
RABIEB TANTRANON, A.B., Chulalongkorn, 1941; B.S.(L.S.), 1948

In Latin

MILDRED EBERT, A.B., Knox College, 1919

In Mathematics

CHARLES PORTER HUBBARD, A.B., Miami University, 1948
DONALD LAWRENCE SULLIVAN, A.B., North Central College, 1949

In Philosophy

NANCY NOBLE SKEEN, A.B., 1947

In Political Science

MARY ANNE RAYWID, A.B., Woman's College of the University of North Carolina,
1949
ARDIS MATE SWORDES, A.B., Iowa State Teachers College, 1924
DOROTHY MAE WILSON, A.B., Illinois Wesleyan University, 1942

In Psychology

MARVIN ADELSON, B.S., Virginia Polytechnic Institute, 1947
BERNICE BUTTON GUTHRIE, B.S., 1949
VIRGINIA PADGETT HALL, B.S., Columbia Teachers College, 1947
DOUGLASS ROTH NICKLAS, A.B., University of Maryland, 1947

In Social Sciences

RALPH EINER HARMON, A.B., Southwest Missouri State College, 1949
LILLIAN MARGARET JACKSON, B.S., University of South Dakota, 1947
GEORGE TUPPER SWAIM, JR., B.S., 1943
LORRETTA WILLENA WALTER, A.B., University of Minnesota, 1931

In Sociology

PHILIP ACKERMAN, B.S., 1949
PAUL LASAKOW, A.B., 1948
WILLIAM JOSEPH MACKEY, B.S., 1949
BYRON EDWIN MUNSON, B.S., 1949

In Spanish

TEODOCIO MONTOYA, A.B., Colorado State College of Education, 1948
WILLIAM HAROLD PILKENTON, A.B., 1943

In Speech

MAX WOODROW EVANS, B.Ed., Northern Illinois State Teachers College, 1936
HELEN KATHERINE FINLAY, A.B., Carnegie Institute of Technology, 1949
BERNARD CHARLES JEFFRIES, A.B., 1941; B.D., McCormick Theological Seminary, 1947
JOHN FRANCIS KINGSTON, A.B., Hartwick College, 1949
ARLYTH MARY LYNN ROGERS, A.B., Knox College, 1948

In the Teaching of English

ZONA MARIE COLLINS, A.B., MacMurray College, 1942
WILLIE HERBERT INGELS, A.B., Texas State College for Women, 1924
MARJORIE INEZ SCHUMAKER, A.B., St. Ambrose-Marycrest College, 1943
ALBERT CARTER TILLMAN, A.B., 1935

In the Teaching of Latin

ERWIN MARK HAMSON, B.S., 1950

Degree of Master of Science*In Accountancy*

PAUL THEODORE CROSSMAN, B.S., University of Omaha, 1946
FREDERICKA SCHRUMPF GARRARD, B.S., 1932
ARTHUR RAMER WYATT, B.S., 1949

In Aeronautical Engineering

WILLIAM ANDREW BROOKS, JR., B.S., 1949

In Agricultural Economics

ROBERT HUGHES FARROW, B.S., University of Wisconsin, 1949
WOODROW EUGENE JONES, B.S., Mississippi State College, 1937
ALEXIS GABRIEL LEBEDEFF, B.S.A., University of Georgia, 1949
WILLIAM LEE PORTEOUS, B.S.A., University of Saskatchewan, 1949

In Agricultural Education

ARTHUR ELBERTA BROWN, B.S., 1940
PAUL EUGENE DURBIN, B.S., 1942
FRED C. WEAS, B.S., 1947

In Agricultural Engineering

BENJAMIN ANGUS JONES, JR., B.S., 1949

In Agronomy

LOREN WILLIAM HARDY, B.S., 1937
THEODORE PIERCE, JR., B.S., 1949
KEITH FRANCIS SCHERTZ, B.S., 1949

In Animal Nutrition

JOHN GRAHAM MOFFITT, B.S., Iowa State College, 1949

In Animal Science

DONALD LEE DOERR, B.S., Southern Illinois University, 1949

In Architectural Engineering

CALVIN CULBREATH, B.S., Hampton Institute, 1949

In Bacteriology

PACIFICO ANTHONY PRINCIPE, B.S., Long Island University, 1949

In Botany

DANTE LINNE VENTRESCA, A.B., Evansville College, 1948

In Ceramic Engineering

ROBERT GEORGE HICKS, B.S., 1948

In Chemical Engineering

RAYMOND CHARLES KOELLER, B.S., 1949

In Chemistry

DAVID BRUCE BRIGHT, B.Chem., University of Minnesota, 1949

JAMES LAWRENCE FINNERTY, B.S., Marquette University, 1948

CLEMENT DEAN GREENE, B.S., Eastern Illinois State College, 1949

DAVID PETER HYLANDER, A.B., North Central College, 1949

RALPH OLIVER KERR, A.B., Indiana University, 1949

ROBERT JAMES LAPPE, B.S., Loyola University, 1949

ELWYN RAYMOND LOVEJOY, A.B., Boston University, 1949

MARTHA ELEANORE LUTHRINGER, B.S., Pennsylvania College for Women, 1949

GEORGE HOWARD MCCAIN, A.B., Franklin College of Indiana, 1949

FRANCIS PATRICK MCKIERNAN, B.S., St. Mary's, 1949

MAX MERLE MORTLAND, B.S., M.S., 1946, 1947

EDWARD WILLIAM SCHOTT, B.S., Loyola University, 1947

ROLLAND WILLIAM PHILLIP SHORT, A.B., James Millikin University, 1949

MARTIN BERNARD SIDEMAN, A.B., 1949

HAMPTON MASSEY SMITH, B.S., Clemson College, 1949

WILLIAM FRANKLIN SPENCER, B.S., 1947

HERMAN WEXLER, B.S., Allegheny College, 1949

WARREN BUD ZIBELMAN, B.S., 1949

In Civil Engineering

CHARLES ALFRED ENGMAN, JR., B.S., University of Hawaii, 1949

LUIS FARIAS, B.S., University of Autonoma de Occidente, 1937; C.E., University of Guadalajara, 1943

RANAJIT KUMAR GUPTA, B.E., Bengal Engineering College, 1948

TÖRE KRISTIAN LÖKEN, C.E., Technical Institute of Goteberg, Sweden, 1947

JIMMY WARREN SEYLER, B.S., 1946

JAMES RUSSELL SNOWDEN, B.S., Missouri School of Mines, 1947

EDOUARD TH. WOËL, C.E., Ecole Polytechnique, 1948; Lawyer, Faculté de Droit, 1948

In Clinical Psychology

SAMUEL MORDECAI ABRAMSON, B.S., University of California, 1947

DIANA WINSTON KERNER, A.B., Roosevelt College, 1948

GEORGE RAYMOND PRENTICE, B.Ed., Western Illinois State College, 1937

In Dairy Science

WILLARD MILO DILLON, JR., B.S., 1949

MARCUS LEO EARLES, B.S., Southern University, 1949

In Economics

BETTY LOU CROSS, B.S., Illinois State Normal University, 1949
 WILLIAM MATTHEW DWYER, B.S., Northwestern University, 1949
 JOHN JOSEPH MALONEY, JR., B.S., 1949

In Education

LOUIS AGASE, B.S., 1948
 HUGH ALLEN, JR., B.S., 1948
 RUTH ANDERSEN ALLEN, B.S., 1947
 GALE ROBERT BALLARD, B.S., Southern Illinois University, 1948
 THURLOW HARTEN BANNISTER, B.S., Southern Illinois University, 1945
 PAUL LEROY BARNES, B.S., Eastern Illinois State College, 1947
 PAUL LOVINS BENNETT, B.S., 1940
 CHARLES ALBERT BESEMAN, B.S., 1949
 JACK EDWARD BESS, B.S., 1949
 WILLIAM GARDINER BIRD, A.B., Aurora College, 1945
 DONALD EDWARD BITZ, B.S., Southern Illinois University, 1945
 MERRILL MAURICE BLADES, B.S., Purdue University, 1935
 WILBERN BOATRIGHT, B.Ed., Southern Illinois University, 1941
 WAYNE HERBERT BOHLEN, B.S., 1940
 HERBERT FREDERICK BOYD, B.S., 1949
 JAMES FRANCIS BOYD, A.B., Missouri Valley College, 1941
 JOSEPH FRANKLIN BOYD, JR., B.S., University of Michigan, 1939
 GEORGE HOWARD BRANTLEY, B.S., James Millikin University, 1949
 GERTRUDE ELIZABETH BRENNEMAN, B.Ed., University of Southern California, 1942
 FRANK ARDEEN BRIDGEWATER, B.S., 1946
 HOMER CHARLES BRUSH, B.Ed., Southern Illinois University, 1945
 LEO EDWARD BRYANT, B.S., Eastern Illinois State College, 1948
 JOHN CARLTON BUSENHART, B.S., Southern Illinois University, 1946
 FLORA ALMA CAREY, B.Ed., Southern Illinois University, 1943
 JOHN ANGELINO CARLINO, B.S., 1932
 ROBERT JACOB CARPER, B.S., 1940
 GRETA MARGARET CASPERS, B.S., Illinois State Normal University, 1948
 AVA MARIE CASSIDY, B.S., Olivet College, 1947
 ELMER SAMUEL CIANCONE, B.S., Northern Illinois State Teachers College, 1949
 CARL RICH CLAPP, B.Ed., Eastern Illinois State College, 1940
 CLARENCE CALVIN COLLIER, B.S., 1947
 HELEN TOBIN COLLIER, B.S., 1940
 GLEN LOREN COLLINS, B.S., Illinois Wesleyan University, 1948
 EARL EDWARD COOK, A.B., Stowe Teachers College, 1948
 WALTER KEMP CORRELL, B.S., 1944
 KATHERINE ROBINSON COX, A.B., University of Oklahoma, 1926
 DORIS ALICE CUMMINGS, B.Ed., Southern Illinois University, 1940
 GORDON GEORGE DE LA RONDE, B.S., 1940
 HAROLD LEE DEWEESE, B.Ed., Illinois State Normal University, 1941
 RICHARD GEORGE DIENER, B.S., Illinois State Normal University, 1948
 MILDRED VIOLA DUNLOPE, B.S., Illinois State Normal University, 1945
 WALTER ZELLMAN DYKEMAN, B.S., 1947
 RUSSELL EMERY, B.Ed., Southern Illinois University, 1936
 MELVIN MARCUS ESAREY, B.S., Canterbury College, 1934
 ROLAND FREDERICK ESPENSCHIED, B.S., 1943
 CLIFFORD EMERSON EVANS, B.S., Eastern Illinois State College, 1947
 ROBERT EUGENE EVANS, B.S., Purdue University, 1942
 JOHN BAPTIST FABRI, B.S., North Carolina State College, 1935
 HENRY CARL FAETH, B.S., 1949
 THOMAS JAMES FAGEN, A.B., Fisk University, 1927
 HAROLD EUGENE FILDES, B.Ed., Eastern Illinois State College, 1947
 FLORENCE MARIE BROWN FOSSETT, B.S., 1939
 ESCHOL NELSON GATES, B.S., 1940
 ELMO FREDERICK GENTES, B.S., Illinois State Normal University, 1948
 WILLIS RHINE GHOLSON, B.Ed., Southern Illinois University, 1939
 EVA ANTIS GILTNER, B.S., Southern Illinois University, 1948

DAVID WARNER GREENLEE, B.Ed., Southern Illinois University, 1940
WANDA GUSTIN, B.Ed., Southern Illinois University, 1940
RAYMOND DEARL HAHN, B.S., Southern Illinois University, 1948
CARL EDWARD HAMLETT, A.B., Wilberforce University, 1928; A.M., Columbia University, 1932
RALPH DIXON HARRELL, B.S., Illinois State Normal University, 1947
CHARLES ELTON HART, B.S., Southern Illinois University, 1940
RALPH WALTER HARTSHORN, B.S., 1949
BERNARD QUENTIN HAYTON, B.S., Eastern Illinois State College, 1947
HARDY VERDELLE HAYWOOD, A.B., Wilberforce University, 1925; B.S., Northwestern University, 1933
LEONA VIOLA HEBERLEIN, B.Ed., Western Illinois State College, 1936
EDWARD LEE HILLYARD, B.Ed., Southern Illinois University, 1942
ERNEST LLOYD HOOD, B.S., Southern Illinois University, 1946
ROBERT HOWEY, B.S., 1937
JOHN LEWIS IRES, B.S., Eastern Illinois State College, 1947
RALPH DONALD IRVING, B.S., Northern Illinois State Teachers College, 1947
WADE EDMONDS JAMES, B.S., Cheyney State Teachers College, 1941
ALBERT RICHARD JOHNSON, B.S., 1949
ARTHUR LAWRENCE JOHNSON, A.B., Carthage College, 1938
DAVID JONES, B.S., 1949
EDWIN ERIE JONES, B.S., 1948
LOIS MAE JONES, B.Ed., Illinois State Normal University, 1943
EPHRAIM HAYES KENNARD, B.Ed., Eastern Illinois State College, 1941
ARNOLD JOHN KIBURZ, JR., B.S., 1935
JOHN VERNON KIRBY, A.B., Eureka College, 1923; A.M., 1936
FRANCES KLOSS, A.B., Iowa State Teachers College, 1937
ROBERT HAL KOCH, B.Ed., Northern Illinois State Teachers College, 1941; M.S., California Institute of Technology, 1943
RICHARD HARRAUFF KOPP, B.S., Northern Illinois State Teachers College, 1949
BYFORD RAY KYLER, B.S., Northern Illinois State Teachers College, 1948
ELEANOR JANE LAHEY, B.Ed., 1947
FORREST LANE LANCASTER, B.Ed., Eastern Illinois State College, 1938
LOY KIRK LANDERS, B.S., 1948
HERALL CORNELIUS LARGENT, B.S., 1946
FRED ROBERT LAYTON, B.S., 1949
FLORENCE PATTERSON LEMMONS, A.B., Carthage College, 1924
LOIS LULU LILLY, B.S., Illinois State Normal University, 1946
MAX GOMAN LINDSAY, B.S., 1949
MERLE ALLEN LOCKYER, B.S., Eastern Illinois State College, 1948
JOHN LOPRIENO, B.S., 1949
JOHN LUKACHIK, JR., B.S., 1949
HAROLD VICTOR LUNDGREN, B.S., James Millikin University, 1926; M.S., 1938
MARY ELOISE MAHAR, B.S., Northwestern University, 1948
WILLIAM NORTON MALINSKY, B.S., Southern Illinois University, 1948
LLOYD EVERALD MCCLEARY, B.S., 1949
HARRY AUGUSTUS MCCOLM, JR., B.S., Ball State Teachers College, 1947
VIOLET DEBORAH MCFARLAND, B.S., Eastern Illinois State College, 1945
ROSE ESTHER MCGUIRE, A.B., DePaul University, 1927
EARL ALLISON McLANE, B.S., Southeast Missouri State College, 1941
PAULINE CARMAN McNALLEY, B.S., Northeast Missouri State Teachers College, 1941
SIDNEY JAMES McNEAL, A.B., Stowe Teachers College, 1946
ALAN ROY MEDENDORP, B.S., 1949
JACK CLIFFORD MERWIN, B.S., 1949
EDWARD MIGIELICZ, B.S., Southeast Missouri State Teachers College, 1944
ROBERT DALE MOORE, B.Ed., Eastern Illinois State College, 1942
ELIZABETH CLARE MORSE, B.S., Eastern Illinois State College, 1944
MAX WILLIAM MYERS, B.S., Illinois State Normal University, 1947
PAUL ORR, B.Ed., Western Illinois State College, 1938
BERTHOLD CHARLES OSBORNE, B.Ed., Eastern Illinois State College, 1934
BETTY JEAN COX OWEN, B.S., 1947
WALTER DEAN PAGELS, B.S., 1949

- FOLLIS SCOTT PAUL, B.S., Central Missouri State Teachers College, 1939
PHILIP NORSE PEMBERTON, B.Ed., Southern Illinois University, 1943
HELEN IDA PERRY, B.S., Illinois State Normal University, 1945
THADDEUS POROWSKI, B.S., Central Y.M.C.A. College, 1943
WILLIAM LOWERY POWELL, B.S., 1942
DONALD MATTISON PRINCE, B.S., Murray State Teachers College, 1948
ROBERT MICHAEL PRYMUSKI, B.S., 1949
ROBERT ROBINSON REHBERG, B.S., 1948
VERNIE RAY RENDER, B.S., Southern Illinois University, 1947
WILLIAM RAGLUS ROSENTHAL, B.S., 1949
HERBERT CHARLES RUDMAN, B.S., Bradley University, 1947
FRED SANFORD RUSSELL, JR., B.S., 1948
JOHN MICHAEL SCACCUTO, A.B., Western Michigan College of Education, 1949
HERBERT GENE SCHEFFLER, B.S., University of Oklahoma, 1940
FREDA KATHRYN SCHMIDT, B.S., 1941
FREDERIC DEAN SELMEYER, B.Ed., Illinois State Normal University, 1943
MERLA BEATRICE SHARPE, B.S., Lincoln University, 1941
DOROTHY IMOGENE WALKER SHERADEN, B.S., 1948
GEORGE SISCO, B.S., Loyola University, 1949
SISTER MARY RICARDA MAHONEY, B.Mus., Fontbonne College, 1948
SISTER THOMAS AQUINAS WINTERBAUER, A.B., Catholic University, 1937
EDWARD EMMERSON SLUDER, B.S., Eastern Illinois State College, 1947
HAZEL ISLEY SLUDER, B.Ed., Eastern Illinois State College, 1942
CECIL DALE SMITH, B.S., 1941
TRUMAN PERCY SMITH, B.Ed., Southern Illinois University, 1936
OPHIA MAE SOKOLOWSKI, B.S., 1949
CURTIS RONALD STAFFORD, B.S., 1947
EARL WALDO STEININGER, A.B., 1940
ROMILDA WOLFF STEPHENSON, B.S., Illinois State Normal University, 1949
MABEL RUTH STEWART, B.Ed., Southern Illinois University, 1938
JESSE WHAM STONECIPHER, B.Ed., Southern Illinois University, 1939
LLOYD PHILLIP SWANSON, B.S., University of Nebraska, 1938
LESTER DEWITT TAYLOR, B.S., Greenville College, 1948
ERNESTYNE ETHEL THATCH, B.S., Arkansas State College, 1940
ESTELLE NAOMI THOMPSON, B.S., 1942
EVERETT LEE THOMPSON, B.S., Arkansas State College, 1940
JOHN PAUL TIGHE, B.S., Pennsylvania State College, 1948
RODGER NELSON TROXEL, B.S., 1948
JOHN HOWARD TURNER, B.S., 1941
BEATRICE TUTTLE, B.Ed., Southern Illinois University, 1943
LAVERNA TUTTLE, B.S., Southern Illinois University, 1945
ANDREW MICHAEL URBANCEK, B.S., 1939
MAC CARL WALDRIP, B.Ed., Eastern Illinois State College, 1936
GLENN ALEXANDER WASER, B.S., 1933
PAUL KENNEDY WEATHERLY, B.S., 1947
ALICE EMMA WELLPOTT, B.S., 1946
RUSSELL MARVIN WESSELS, B.S., Illinois State Normal University, 1948
HELENA JANET WESSER, B.S., Indiana State Teachers College, 1947
KEITH BURTON WILCOX, B.S., 1949
JOHN CALVIN WILLARD, B.S., University of Chicago, 1941
BURWELL WARREN WILLIAMSON, B.S., Illinois State Normal University, 1947
NORLAND REXFORD WILSON, B.S., 1949
THOMAS LESSLEY WILSON, B.S., Slippery Rock State Teachers College, 1931
LOWELL LEROY WISEMAN, B.S., 1948
WILLARD WAYNE WITTE, B.S., 1939
EDWIN THOMAS WYMAN, B.S., Murray State Teachers College, 1939
RUFUS YOUNG, JR., B.S., Lincoln University, 1945
SAMUEL ZATKOFF, B.S., 1949

In the Education of the Deaf

- CATHARINE DELAVAN ADAMS, B.S., St. Norbert College, 1942
EILEEN JACKSON, A.B., University of Louisiana, 1949

In the Education of Mentally Handicapped Children

ELEANOR BERNICE CHRISTNER, B.Ed., Eastern Illinois State College, 1938
ELIZABETH MARCIA DUCEY, B.S., 1948
IVAN KENNETH GARRISON, A.B., Illinois College, 1948
LAURA JOSEPHINE JORDAN, A.B., 1948

In Electrical Engineering

DELBERT CLIFTON BAKEMAN, B.S., South Dakota School of Mines, 1949
LEON BAUM, B.S., Massachusetts Institute of Technology, 1949
FRANK EUGENE BUTTERFIELD, JR., B.S., 1941
RICHARD ALDEN CAMPBELL, B.S., 1949
CARMON LAVON CLAY, B.E.E., Ohio State University, 1939
GEORGE CLINTON CURTIS, B.N.S., B.S., 1948, 1948
DON DEE DAVISON, B.S., Illinois Institute of Technology, 1948
JOHN DOUGLAS DYSON, B.S., South Dakota State College, 1940, 1949
STANLEY FELDMAN, B.S., 1950
ALFRED HARLAN GETTY, B.S., Kansas State College, 1949
ROBERT ERWIN HILL, B.S., Purdue University, 1949
ROBERT LOUIS LEBDUSKA, B.S., 1949
JAMES DENIS RODEMS, B.E.E., University of Louisville, 1947
ERNEST FREDERICK SCHWAM, JR., B.S., University of Connecticut, 1949
HARVEY JAY SCHWARTZBERG, B.S., Louisiana State University, 1949
HARLAN WELBERT VAN GERPEN, B.S., South Dakota School of Mines and Technology, 1949
LEO GEORGE WOERNER, JR., B.S., Swarthmore College, 1949
SAUL B. YOCHELSON, B.E.E., Ohio State University, 1948

In Geography

WILMAN JOSEPH FAVERO, B.Ed., Illinois State Normal University, 1940

In Geology

JUNIOR CHAPMAN BANDY, A.B., Berea College, 1949
JACK WARREN PIERCE, B.S., 1949
HENRY EUGENE SNEED, B.S., Mississippi State College, 1949

In Home Economics Education

HAZEL ENID AITCHISON, B.S., Bradley Polytechnic Institute, 1926
INES MARIA BRESSAN, B.S., MacMurray College, 1945
DOROTHY MARIE BRUNSKILL, B.S., 1946
LILLIAN WILLA MARIE FORCHT, B.S., Illinois State Normal University, 1944
GWENDOLYN FRANCES HAMMER, B.S., 1937
ELLEN PATRICIA HANSEN, B.S., 1948
GEORGINA MARGARET SMITH, B.S., Eureka College, 1938
RUTH HUBBART THOMPSON, A.B., 1923

In Journalism

WILLIAM THOMAS TUCKER, A.B., DePauw University, 1941

In Library Science

JOHN FIRTH ANDERSON, A.B., Michigan State College, 1949
FANNIE MAE BARTMAN, A.B., Illinois Wesleyan University, 1932
MARTHA LYDIA BIGGS, A.B., Lake Forest College, 1929
THELMA CALFEE BIRD, B.S., Radford College, 1932
MABEL STOKES BOULDIN, B.S., Loyola University, 1940
MARTHA RUTH CAMPBELL, B.S.(L.S.), Virginia State College, 1946
MORTON COBURN, B.S., 1949
MERRIBETH COOK, A.B., University of Missouri, 1948
DOROTHY ELAINE DEBRAAL, A.B., Carthage College, 1949
HELEN LOYOLA DILLON, B.S., DePaul University, 1938
WILLIAM LAND DUNCAN, B.S., Centre College, 1949

JAMES PARVIN DYKE, A.B., Hardin-Simmons University, 1942; A.B.(L.S.), University of Oklahoma, 1946
HARRIET LYNN GRANADE, A.B., Monmouth College, 1949
VERNA HAZEL GRIFFITH, B.S., A.M., Northwestern University, 1944, 1946
HAROLD O. HARLAN, A.B., University of Missouri, 1949
HANNAH MARY HORNER, B.S., Indiana University, 1943
HARRY JOSEPH JORIA, B.Ed., Illinois State Normal University, 1938; Ed.M., Chicago Teachers College, 1940
SHERWOOD KIRK, A.B., University of Kentucky, 1949
MARY KIEWER, A.B., York College, 1938
SHIRLEY LOIS KOHN, B.S., Northwestern University, 1948
EFFIE NORRIS LAPLANTE, B.S., B.S.(L.S.), University of Minnesota, 1928, 1934
RALPH EDWARD MCCOY, A.B., Illinois Wesleyan University, 1937; B.S.(L.S.), 1939
HELEN RYAN MURRAY, A.B., Ball State Teachers College, 1929
BEULAH NANCY OLINGER, A.B., Manchester College, 1929
ROBERT WILLIAM ORAM, A.B., University of Toledo, 1949
FRANKLIN PARKER, A.B., Berea College, 1949
MADELINE SANDER RIFFEY, A.B., University of Iowa, 1944
JANE CAMILLA ROMAN, A.B., Smith College, 1948
SISTER MARY BERNARD FRIESS, A.B., Rosary College, 1939; B.S.E., University of Akron, 1939
NELLIE MAE WEZEMAN, A.B., Hope College, 1946

In Management

GEORGE J. GORE, B.S., 1949
ROBERT LEE GRUBAUGH, B.S., Eastern Illinois State College, 1949
HAROLD BROWN SIMPSON, B.S., 1940

In Marketing

CHARLES KRAMER, A.B., Colby College, 1948

In Mathematics

WILLIAM CLARENCE BENNEWITZ, B.S., 1949
MAHMOUD AHMAD EL-MELEHY, B.S., Fouad University, 1947; M.S., Ohio State University, 1949
DOROTHY JEAN JOHNSTON, B.S., 1947
MARTIN KRAKOWSKI, A.B., 1949
JOHN WILLIAM ROLLEY, B.S., 1949

In Mechanical Engineering

ERNEST R. ARCHAMBEAU, JR., B.S., Texas Technological College, 1949
BRUCE EDWARD BOSWELL, B.S., 1949
JAMES SEAY BROWN, B.S., Tennessee Polytechnic Institute, 1941
ELDON JOHN BRUNNER, B.S., 1949
WEN-LUNG CHOW, B.S., National Central University, 1946
BERNARD WILLIAM HILL, B.S., New Mexico College of Agriculture and Mechanic Arts, 1947
ROBERT CHARLES JUVINALL, B.S., Case Institute of Technology, 1939
ROSS PRESSLEY STROUT, B.S., George Washington University, 1937

In Music Education

ALICE RUNKWITZ DUNN, A.B., McKendree College, 1949
ROSALIA MARY JOST, B.Mus., A.B., MacMurray College, 1939, 1942
GERDA THEODORA KUBITZ, B.Mus., University of Wisconsin, 1942
FLOYD CLINTON MEAD, B.S., 1948
ETHELYN VIRGINIA MOSGROVE, B.S., 1948
LOIS MARY NORTON, B.Mus., Oxford College for Women, 1926
SISTER MARY MONICA ROSS, B.S., 1945
ARNOLD KENNETH WILLIAMS, B.S., 1949
CLEMENT LEE WILLIAMSON, A.B., Lake Forest College, 1930; B.S., Missouri State Teachers College, 1940

In Physical Education

MELVIN EUGENE BRODT, B.S., Miami University, 1949
JOSEPH HERMAN DAVES, JR., A.B., Talladega College, 1948
WILSON MALOY DAY, B.Ed., Eastern Illinois State College, 1942
JAMES ANDREW EBBESEN, B.S., Northern Illinois State Teachers College, 1949
ROBERT DEAN ELLIOTT, B.S., Miami University, 1949
WILLIAM DON FALLER, B.S., State College of Washington, 1949
LEO LEONARD GEDVILAS, B.S., 1947
ROBERT MILTON GRUETER, B.S., University of Wyoming, 1948
ROBERT DUANE HALFORD, A.B., Morningside College, 1941
JESSE CASH MACLEAY, B.S., Springfield College, 1949
ZOLLIE MCCULLOR MAYNARD, B.A.E., University of Florida, 1937
JOYCE ARDEEN PERBIX, B.S., 1949
CARL WARREN SELIN, B.S., Northern Illinois State Teachers College, 1949
DONALD ALEXANDER VON EBERS, B.S., 1949
ROBERT WILLIAM WALKER, B.S., Northern Illinois State Teachers College, 1949
CHARLES PAUL WOLBERS, B.S., University of Pittsburgh, 1949

In Physics

DAVID RANDOLPH CHIPMAN, B.S., Massachusetts Institute of Technology, 1949
HOWARD GORDON COOPER, JR., B.S., 1949
S. MARVIN FREEMAN, B.E.E., New York University, 1948
RICHARD CARREL MILLER, B.S., University of Chicago, 1948
BRUCE HARLAN NOORDHOFF, A.B., Miami University, 1949
DAVID CLAIR RICH, B.S., Texas Technological College, 1949
ABRAHAM SOSIN, Ph.B., B.S., University of Chicago, 1948, 1949
ROBERT EARL SWANSON, A.B., Hastings College, 1942
HENRY PAUL WHITTEN, B.S., Mississippi College, 1949

In Physiology

MILDRED ELAINE KELLER, A.B., Randolph-Macon Woman's College, 1947
JOHN WILLIAM YUSKEN, B.S., Northwestern University, 1949

In Speech Correction

DORIS MARTIN COLVIN, A.B., Monmouth College, 1949
BETTY JAYNE MILLER HARDIN, A.B., Northwestern State College, 1948
WANDA RICH LEBDUSKA, A.B., 1947
AVA MARIE ENNIS TINGLEY, A.B., 1929

In the Teaching of Biological Sciences and General Science

RENA GERALDINE KAHN, B.S., 1946
ORRIS ARTHUR SENG, A.B., 1949
ROBERT DOYLE SISSON, B.Ed., Eastern Illinois State College, 1941
MAMIE IDELLA WALKER, B.Ed., Eastern Illinois State College, 1942

In the Teaching of English

THELMA PARENTI, B.Ed., Western Illinois State College, 1947

In the Teaching of Mathematics

RICHARD B. FREY, A.B., Carthage College, 1948

In Theoretical and Applied Mechanics

ANDREW AARON BJELLAND, B.S., 1948
JOHN ARTHUR HUMBLE, B.S., Rose Polytechnic Institute, 1949
ROBERT LEE WATSON, B.S., 1949

In Veterinary Pathology and Hygiene

JAMES ROGER WADSWORTH, V.M.D., University of Pennsylvania, 1944

In Vocational Agriculture

DAVID EARL SISTLER, B.S., 1948

In Zoology

LEONARD DURHAM, B.S., 1949

CHARLES FRANCIS ELLERMANN, B.S., 1949

DONALD CHARLES GOODMAN, B.S., 1949

CYRIL WILLIAM KUPFERBERG, B.S., 1949

Degree of Master of Fine Arts*In Painting*

JANE BURKE BETTS, B.F.A., 1946

EDSON LEE CASPER, B.F.A., Art Institute of Chicago, 1949

Degree of Master of Music

CARDON VERN BURNHAM, JR., B.Mus.Ed., Bradley University, 1949

VIRGINIA LEE PARRY, B.Mus., Illinois Wesleyan University, 1949

SISTER MADELEINE SOPHIE GOLDKAMP, B.Mus., Fontbonne College, 1941

COLLEGE OF LAW**Degree of Bachelor of Science***In Law*PHILIP EVERETT PETERSON, with
Honors

CHARLES JOHN WINIKATES

Degree of Bachelor of Laws

STUART JEROME BONEM, B.S., 1948

LIONEL IRVING BRAZEN, B.S., 1949

BJORN CHRISTOPHERSEN

THOMAS JAMES HALPIN, B.S., 1949

GALE PILLSBURY HILYER, JR., B.S., 1948

BUFFORD WATSON HOTTLE, JR.

JOHN RICHARD KELLER, B.S., 1949

KATHLEEN ELIZABETH KELLY, B.S.,

1949

ERIC PAGE McNAIR, B.S., 1949

JOHN JOSEPH MORAN, B.S., 1949

WILLIAM KIRLEY O'CONNOR, B.S., 1949

ARTHUR LOWELL PRICE, JR., B.S., 1948

ROBERT HARRISON RECK, B.S., 1949

HAROLD EDWARD SORTOR, B.S., 1949

ERNEST HARPER UTTER

Degree of Doctor of Law

CHARLES HENRY BOWMAN, B.S., 1949

ARTHUR BRANTMAN, B.S., 1949

HARRY C. PIRTLE, A.B., Southern

Illinois University, 1950

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Agriculture*

CHARLES BLAIR ALLEN, with Honors

DONALD ROBERT ANDERSON

ROBERT LA FOLLETTE ANDREWS

LESTER RAY AUSTIN

CALVIN EARL BAYLOR

GLEN EDWARD CARLETON, with Honors

LEE RAYMOND CARLSON

STANLEY EUGENE Ceglinski

JOHN RICHARD CRADDOCK, with Highest

Honors

GENE LOUIS ELLIOTT

LORIMER DICKINSON ELWELL, JR., with

High Honors

WILLIAM JAMES ERVIN

JUSTIN ROBERT FUELLEMAN

EUGENE RICHARD GUGERTY

RICHARD SEVIER HUDSON

WILLIAM JOSEPH MATTHEWS

WILLIS EVERETT MCKINNEY, JR.

THOMAS WILLIAMS MILLS

MICHAEL VINCENT O'CONNELL

ERNEST WAYNE OZIER

MILAN PETRAS

ROBERT RAPPAPORT

JAMES ROBERT ROUSH, with High

Honors

THOMAS KINAHAN RULE

RICHARD SHINKLE SOUDER

BOB HAROLD STIERWALT
KENNETH EDWIN STULL
BURDETTE ELMER SWANSON, with High
Honors
DONALD LEE TEEL

FREDERICK KARL WAECHTER
WILLIAM MARTA WAKEMAN
ROBERT D. WALKER
WILBUR HERALD WOOD
RICHARD KYLE YOHNSKA

In Dairy Technology

OLLEN WILLIAM RAMEY

DONALD GENE RUESTMANN

In Home Economics

CAROL CHAPMAN CLEVEN
JANET GRIGG
DOLORES EPSTEIN NEUHAUSEN

JANE MOORE RUSKIN, with Honors
KATHRYN JEAN WHITENACK
HELEN OGDEN ZAJIC

In Home Economics Education

ELIZABETH JEAN KEEFER

In Vocational Agriculture

JAMES MANCIL CUNNINGHAM, with
Honors

ARLIN HENRY OBST
BYRON AUGUSTUS PETERS

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

HENRY LEE BESTOR
LADDIE FRANK MASTNY

GERALD JOSEPH REYNOLDS
KENNETH EUGENE WEISS

In Agricultural Engineering

ANDREW JUNIOR ASHER
WALTER MARTIN ASHLEY, Jr.
KENNETH LOUIS EIDMAN

CARL MILLARD JACOBS
WARREN ARTHUR KENT
MICHAEL MOLITORIS

In Ceramic Engineering

ROBERT ENGH LINDSTROM

In Civil Engineering

JAMES WILLIAM ASBURY
THOMAS GRIFFIS BOARD
DALE WENDELL BURROUGHS
JOHN LE BARON CRIDER
ALBERT FRANK

JAMES MARK IOCCA
ARTHUR JOHN MILLER
DAVID ARTHUR ROGOW
ROBERT EARL VAIL

In Electrical Engineering

CHARLES ELWYN ANDERSON
JOHN CARSON BARKER
WILLIAM SYLVESTER BARRETT
DONALD RUSSELL BARTHE
MAX STUART CASLER, with High
Honors
EDWIN HALL CHAPIN
GERARD JOSEPH COWLEY
ARTHUR JACKSON DAVIS, with Honors
WILLIAM DEWEY DE VORE, Jr.
HAROLD BENJAMIN ELLICOTT
MARK RICHARD ESTABROOK
GEORGE GLENN FLAIG
NEAL FRED FRERICHS
ARMANDO ENRIQUE GUIA-MONASTERIO,
with High Honors
AMBROSE MICHAEL GURIEL

EARL JAMES HAJIC, with High Honors
REUBEN EUGENE HOPKINS
HAROLD ROBERT HOWELL
WILLIAM HENRY JACAWAY
WILLIAM LOUIS JACQUES
STEVE JOHN JANJI
FRANK ANTON JANTZ
BERT OTTO JOHNSON
ROBERT KESLIN
ROBERT BLISS KINNEY
CHARLES FREDERICK KRAUSE
CHARLES ROY LEEPER
MICHAEL LAWRENCE LEGLAIRE
JOSEPH LOOS, Jr., with Honors
LUTHER MOHLER LORANCE, Jr.
LOUIS WILLIAM MAKK
HUGH FERGUSON MARSHALL

GEORGE MCCAIN
 RICHARD STEWART PHILLIPS, with
 Honors
 ROBERT LEE PRICE
 RICHARD SVEN ROEING
 ROBERT JOSEPH ROSSING
 WILLIAM JOHNSTONE SELKIRK
 WALTER CONRAD STEMLER

WILLIAM HENRY TOMETICH
 BERFORD ALEXANDER TURKE
 KENNETH JUDD TYSSSEN
 ARTHUR CHARLES VACCARO
 ROBERT THEODORE VANREENEN
 CLAIRE RUSSELL WAINWRIGHT
 HUGH OTIS WELLS
 JOSEPH EUGENE WILSON

In Engineering Physics

HERMAN MAIER DIECKAMP

In General Engineering

ARTHUR WILLIAM BUCKNER, JR.
 FRANCIS JOSEPH CROWLEY
 JOHN GEORGE GERCHALK
 JAMES GEORGE GREANIAS
 GEORGE WALLACE MADDOX

DANIEL GEORGE MANCZAK
 JACK DARRELL MORRIS
 ROBERT JOHN PIETKA
 MILTON LOUIS STEINER

In Mechanical Engineering

EDWARD WILLIAM ASMUS, JR.
 JOSEPH GREELEY BLICK
 EARL MILTON BRAGG, JR.
 CARL WALTER CARLSON
 EARLE WALTER CHESNUTT
 HENRY STANLEY CHODACKI
 JAMES LEARD DAVIDSON, JR.
 JAMES DURWARD EATON, with Honors
 JAMES PETER FAIRBAIRN
 DAVID COCHRAN FARISS
 ROBERT EDWARD GLUCK
 DONALD LYNN GOLLAHON
 ROBERT JOHN HARER
 LOY GENE HOLDER
 LYNHAM DOUGLAS JONES
 BERNARD FRED KALVELAGE
 LAMBERT JAMES KILBOY, JR.
 MURRAY KRUPNICK
 GLENN DOUGLAS LAWSON

FOOK HO LI
 ALAN MACDONALD, JR.
 HAROLD WAYNE MASON
 RAYMOND ARTHUR MOEHLE
 HOWARD FRANCIS MORAN
 JAMES J. NAKANISHI
 RICHARD PHILMORE OSBERG
 IRWIN PALMER
 WALTER RUSSELL PEIRSON
 JEROME MORTON PODOLSKY
 STEVE ANTHONY SPRETNJAK
 CHARLES VINCENT STARMAN
 CHARLES ALFRED STOCKS
 GLENN PAUL STUBENRAUCH
 FRED FRANK SUPERGAN
 LEONARD WALTER SZYMANSKI
 EDWARD EMMETT THOMAS
 DON OLAF WENDELBORG

In Metallurgical Engineering

WARREN WILLIAM DAVIS

EDWARD THOMAS GALE

In Mining Engineering

JAMES RUSSELL MILLER

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

BEVERLY ROSE ADDIEGO
 JAMES RICHARD ALLEN
 NATALIE DELORES BAILEY
 JO ANNE BECKER
 ARNOLD ELLIS BEGUN
 ELAINE SYLVIA BERSON
 JOHN ROGER BRAY, with High Honors
 in Botany
 FRANCES ELIZABETH BROWN
 CARL BURT CARLSON
 ROBERT B. CHATZ

MARY JANE CONNELL
 WANDA LEE CECELIA DOYLE
 SAMUEL ISIDORE FEINSON
 HERBERT SHELDON FRIEDMAN
 JOHN WARREN FRISCH
 BARBARA SWAIN GAUMER
 WILFRED LAURENCE GEEDING
 HERBERT MANLEY GOLDMAN
 JEAN ROSELLINI GOWGIEL
 WILLIAM FREDERICK HENSOLD
 GEORGE THOMAS JIARAS

DALE WAYNE KALLSTROM
 JOHN GROSVENOR KING
 CECILIA PAULA KLUCZYNSKI
 ROBERT JOSEPH KRET
 FRANCIS PATRICK KWAN, with High
 Honors in Chemistry
 JEANNE GLORIA LEE
 WILLIAM DAVID LEWIS
 GILBERT BARROMEO MANNING
 WILLIAM THOMAS MARTIN
 ADELE MASON
 ANNA FRANCES MATNEY
 JOHN HARLAN MEINERS
 MAURICE SIDNEY NADELMAN
 RICHARD LAWRENCE NELSON
 EDWARD NYKAZA
 AUDREY COMER OPPENHEIMER

DORIS JACQUELINE PERSINGER, with
 High Honors in Spanish
 MARGIE LORRAINE PETERS
 JOSEPH LEO PREISSIG, with Honors in
 Political Science
 JAMES WILLIAM PROKOP
 JOHN CASIMIR PRZYPYSZNY
 SHIRLEY JOAN RACINE
 DONALD RICHARD REIMER
 WALTER BRUNO REMDT
 LENORE SANDERS
 JOANNE SEIDLER
 IDAMAY DINSMORE SWENSEN
 IRA JAY WEINSTEIN
 JOHN LOUIS WHITE, JR.
 LILLIAN JANE WILLIAMS
 DOLORES BECK WRIGHT

In Home Economics

FLORENCE JUANITA LEWIS

In the Teaching of English

MURIEL WINNIFRED PATTERSON

In the Teaching of German

INKA HIRSCH ARSENEAU

In the Teaching of Social Studies

JOHN BERNARD MAYER, with Honors
 ROSEMARIE RECKLING, with High
 Honors

PAUL JAMES STEWART, JR., with
 Honors
 PATRICIA JANE THOMAS

In the Teaching of Speech

IRENE HELEN CLAUSEN
 NANCY ELIZABETH HELME

CAROL FAYE WAGLE

Degree of Bachelor of Science

In Chemical Engineering

ROBERT FRIEDMAN, with Highest
 Honors
 EDWARD FRANKLIN GRIZZELL
 CARL LAVERNE HART, with High
 Honors
 DANIEL GEORGE KEEFE

DONALD MICHAEL KLEIN
 EUGENE LEROY POWERS
 NORMAN ALBERT REMER, with High
 Honors
 NEAL DOW SMITH, JR.

In Chemistry

ROBERT GLENN FESSLER, with Honors
 EMILY FISCH, with Highest Honors
 WALTER THEODORE GRZEGORZAK
 JACK WAUGH HEBERLING, JR., with
 High Honors

ROBERT LOUIS POYNTER
 THOMAS ARNOLD REED, with Honors
 ALVIN JOSEPH UNICK
 JACK EDWARD WEILER
 NATHAN ZLOTOWITZ

In Home Economics

LAURA JEAN REIDELBERGER FARMAN-FARMAIAN

In Liberal Arts and Sciences

AUDREY FLORENCE COHN
 JAMES O'DONNELL CUNNINGHAM
 DAVID GORDON DAehler
 JOHN COREY DANIELSON
 BARBARA JEAN DICKEY
 JOHN WILLIAM FINUCANE
 BETTYLENE WELSCH FRANZUS

GEORGE SPIRO GEORGACAPULOS
 IRVING GITTELMAN
 EUGENE EDDIE GRASSEL
 ELIZABETH MARY GROSSMAN
 EDWARD FRANKLIN HARRISON, with
 Honors in Bacteriology
 DAVID LEE AUGUST LANCEBARTEL

JOHN NEIL MARQUIS
 JEROME HENRY MCKENNEY
 JAMES DAVID MYERS
 RUTH NEWMAN NANUS
 EARLE GEORGE PERSON, JR.
 MALCOLM ALAN POOLE, JR.
 JAMES FRANCIS ROBINSON
 JORDAN MAYNARD ROSENBAUM
 GROVER JOHN D. SCHACK
 WALTER JOSEPH SCHREIBER, JR.

PATRICIA JULIA BOTHWELL SCHROEDER
 CARL FREDERICK SEPMAYER
 LORRAINE FRANCES TAUBER
 SARAH EILEEN TAYLOR
 JOYCE GERALDYNE TREWYN
 VIRGINIA CLAIRE VAN VELZER, with
 Highest Honors in Psychology
 WILLIAM RAYMOND WATSON
 HENRY JOSEPH ZIELINSKI

In Speech Correction

MARGARITE DORIS ECKHARDT

In the Teaching of Geography

WILLIAM JOSEPH CRESCENZO

LIBRARY SCHOOL

Degree of Bachelor of Science

In Library Science

RUTH MAXINE BATMAN, with Honors
 MILDRED CAROLYN BOPP
 MARIAN ELIZABETH DIERDORFF
 JESSIE MAY DOUGLAS

BETTY MAXINE HARRIS
 HELEN HOWARD KUYKENDALL
 ALENIA BELLE MCCORD, with Honors
 VERNA JEAN VAN VELZER

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

LENORE ISAN COHEN
 GERTRUDE FRANCES ROBINSON CORDELL
 GEORGIA ELIZABETH DONEY
 RALPH GILBERT DUDLEY
 RHETA JOYCE EISENBERG, with Honors
 in Education
 ANNE BURNETT FLINT
 THERESA GERTRUDE GILLEN
 GLENN CURTIS HALL
 ROBERT JAMES REYNOLDS LARGEN

FERN FREED LEVIN
 GEORGE WALTER MAYS, JR.
 HENRY CHARLES MEYER
 DONALD DALE ROBINETT
 DON GLENN RUCKRIGEL
 RAYMOND JULES SCARCE
 JAMES WILLIAM SMITH
 NELLIE ODELIA HELM WESLEY
 MILDRED ERLINE WRIGHT

In the Education of the Deaf

ANTOINETTE PATRICIA NOCEK

In Industrial Education

JOHN EMERSON GRISWOLD, with
 Honors in Education

EURUS VERNON STOLTZ
 JOHN RICHARD UEBLER

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

HAROLD AXEL AHLBECK
 LOUIS SEBASTIAN BAUER, JR.
 RAYMOND LEROY BONAGUIDI
 ARNOLD FISCHEL BROOKSTONE
 KENNETH LEROY CLEAVER, with Honors
 KENNETH DANIEL COOK

HAROLD EDWARD EARHART
 ROBERT ELDON FRANZ
 JERRY JOSEPH GAMBINO
 CARL HERBERT GOLTERMANN, with
 Honors
 VIRGIL EDWIN GOODRICH, with Honors

STUART HARVEY GREEN
 JOHN CASS GRISSOM
 DALTON LAVINE HILDRETH, with
 Honors
 HERBERT ABRAHAM HOFFMAN
 IRWIN JACOBSON
 JEAN PATRICK KAINE, with Honors
 CECILY ANNE KLEIN
 WILLIAM LAIRD KNODELL
 THOMAS CHRISTIAN KRUEGER
 HARLEY DAVIS LICHTENBERGER
 RUBERT JOHN LINDQUIST, JR.
 FLOYD LOFCHIE

EDWARD DONALD MOUNTZ
 RICHARD AUSTIN PARKS
 LEWIS DEAN PETRY
 ALBERT WALTER RECHER
 LEON PHILIP REISTROFFER
 FRANK STEVE RIVARA
 LAWRENCE ARTHUR RUHNOW
 NILES RICHARD SAGER
 WILLIAM ROBERT TODD
 CLARENCE WARREN VOGLER
 ROBERT LESLIE WARD
 FRED PIERCE WILSON, with Honors

In Banking and Finance

KENNETH HAGMAN FRYE

JOHN DALE THORNTON

In Commerce and Law

ROBERT FRANKLIN BRANDWEIN
 JOHN FRANCIS MCKINZIE, with Honors

ROBERT CHARLES THOMPSON

In Commercial Teaching

JEANNETTE MARY CATHERINE ALTHOFF

In Economics

BURTON FRANK KOEPKE
 ROBERT HOWARD RIEMENSNIIDER, with
 High Honors

CARL EMIL WAGNER, with High
 Honors
 GEORGE HENRY WILSON, with High
 Honors

In Economics and Marketing

RICHARD JAMES KIRBY

ROGER LEE MCCULLOCH, with Honors

In Economics and Public Affairs

MAX CALVIN BURCKY, with High Honors

In General Business

HAROLD KINGSLEY

In Industrial Administration

JOHN TROSSEN CARROLL
 IRVIN HARRY DONER
 DONALD FREDERICK LITWIN
 JERRY MENCINSKY

LOUIS EDWIN PARKINS
 JACK JUHL SWENSEN
 RICHARD MALCOLM TURNER
 SAMUEL HAROLD WEINTRUB

In Management

ALVIN RAPHAEL COOKE, JR.
 ANTHONY ENTILE
 ROBERT CLYDE GREEN
 LARUE BRIAN HIGHSMITH
 MELVIN AARON KRAMER
 RAYMOND HAYES MOORE, JR.
 JAMES MELVIN OTTOSON
 JOHN WILLIAM PAINTER
 KENNETH ELMER PEARSON

OSWALD JOSEPH PIUNTI
 ROBERT ELVIN PRICE
 CARL ROBERT ROACH
 SHELDON HERSCHEL ROBINSON
 JERRY SCHAFFNER
 ROBERT LANDIS SCHERTZ
 BERNARD DANIEL TAUBER, JR.
 CHARLES HARGER WHITELEATHER, JR.
 RALPH EUGENE WINKLER

In Management and Marketing

GALE EUGENE CRAWFORD
 EARL GEORGE EBERHART
 DAVID LEWIS FISHER
 LELAND WILLIAM FUCHS
 HAROLD KRANS JOHNSON
 EUGENE JOSEPH KALTENBRONN

JAMES FRANCIS MITCHELL
 BERNHARDT ERICK OLSON
 PETER LEO PANTAROTTO
 JOHN FREDERICK SCHMALING
 FRANCIS JOSEPH STENGER
 EDWARD ANTHONY ZALDOKAS

In Marketing

HARRY TOWNSEND ALLEN
 BERTIL EMANUEL ANDERSON
 FREDERIC HENRY BALZER
 MATTHEW CASIMER BERES
 DONALD EUGENE BETTISWORTH
 LEWIS EVERETT BURRITT, JR.
 ERNEST RALPH COLLINS
 WILLIAM ANDREW CREAMEAN
 DUANE CURTIS DeCOTA
 LOWELL DAVID EMBS
 JOHN LAWRENCE HAYES
 ARTHUR WILLIAM HOLLE
 ROY DALE HOSTETLER

JOHN ANTHONY INGRASSIA
 WAYNE FRANKLIN JOHNSON
 MAX FERDINAND KOHLSDORF, JR.
 HAROLD JAMES LANKFORD
 AUBREY HARRIS LeGRANDE, JR.
 ROBERT BURNS NICHOLSON
 RICHARD ALAN ROSENGARD
 CLARENCE WILLIAM SCHULTZ, JR.
 KENNETH BREVIK STRAND
 EUGENE A. SURATT
 ELLIS GEORGE WACHS
 ROBERT THEODORE WELSCH
 ROBERT LOUIS WOOD

In Public Affairs

INEZ ESTHER BAKER

SCHOOL OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Journalism

CHARLES RICHARD BRODERICK
 WALTER JEWETT DAWLESS
 EDWARD JAMES DONEY, JR.
 PETER FLEISCHMANN
 MELVIN JOHN GARBER
 MYRNA JOAN GROSSMAN

STANLEY KOLKER
 BRUCE C. MOSHER
 JACK EDWARD NOONAN
 RUTH ELIZABETH SHAW
 PATRICIA DARLAND VENEKLASEN

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

JOE DAVIS ALLEN
 WARNER HENRY CISKE
 WILLIAM BUNTIN DEEMING
 GUNDUZ SAIT GUNGEN, with High
 Honors

DONALD ROBERT MEYER
 LOUIS JAMES MILLER
 EDWARD JOSEPH MONAHAN

In Architecture

JACK COLWELL BLACKMAN
 BRUCE DAVID BOSWELL
 HARRY EUGENE COOLER, JR., with
 Honors
 WILLIAM PAUL CRAIG
 WALTER LAWRENCE KERR

WILLIAM BERNARD KOERBER
 RICHARD LEO KREUTZ
 HERBERT HENRY THOMPSON
 LYMAN RAY TROXELL, JR., with Honors
 HALFDAN WENDT

In Music Education

DALE CLIFFORD COLLINS
 ESTHER CORETZ, with Honors
 ROBERT THORNTON CROWDER
 CYNTHIA SUE McILHENNY, with
 Honors

JERRILENE ODOM
 ROBERT ANDREW SNYDER

Degree of Bachelor of Fine Arts

In Advertising Design

LEE ALBERTSON, JR.
 CHARLES KENNETH BAKER

JEAN PLAMBECK

In Art Education

MARY ALICE ENRIGHT

YOLANDA LOUISE ROSSI

In Industrial Design

ROBERT EDWIN HORTER, JR.

PAUL JUNIOR SCHWIND

In Painting

PAT JANE BOODELL, with Honors

DONALD ROSS STEVENSON

Degree of Bachelor of Music

PAUL MARION, with Highest Honors

SCHOOL OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Physical Education*

ROBERT DEAN CAIN
 FREDERICK EUGENE EWING
 LAWRENCE ARTHUR GOLDING
 ROBERT LEONARD HITCHEN
 DON JUAN LESHER
 ARTHUR MINDES

RICHARD BARRETT MUDGE
 CHARLES JOHN WILFORIE ROBERTS, JR.
 ARTHUR LELAND SHEARBURN
 MATTHEW THOMAS SMERDEL
 CLIFTON LEROY TOZER
 RICHARD WEISSMAN

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS**Degree of Bachelor of Science**

DAGFINN ODLAND AMDAL
 GILBERT WILLIAM ANDERSON
 DONALD EDWIN ARMSTRONG
 GEOFFREY ARN
 ERNEST FREDERICK BAIRDAIN
 JOSEPH HOWARD BARNETT, with Honors
 JEROME SIDNEY BECKER
 JAMES BELLS
 THOMAS REID BRADLEY
 EDWARD FRANCIS BRAMLET
 LEE AUGUST BROICH
 WINSTON EDWARD BRYMER, JR.
 JACKIE DEAN BURNS
 PETE CAVIC, JR.
 JOHN EDWARD CECIL
 SIDNEY JOSEPH CHITTLER
 ROBERT JULIAN COMEIN
 WILLIAM RALPH CONNER
 JAMES ROBERT CORBITT
 JOHN LEWIS COSTA
 RICHARD FARR DAYKIN
 LOUIS S. DRISH
 ROBERT JEROME DRUCKER
 JOHN MICHAEL DUFFY
 STEVE WARREN DUNCAN
 ROBERT GALE DWYER
 WILLIAM HENRY FEHRS, JR.
 EDMUND JOSEPH FORDYCE
 WILLIAM MATTHEW GALLEN, JR.
 ELDON HARRY GILJAMES
 THOMAS ALBERT GRAMAN
 DEAN INGERSOLL HARRISON
 KERMIT WILLIAM HARTMAN
 GORDON HAROLD HARTSHORNE
 JAMES WILLARD HENDRICKS
 EDWARD ANTHONY HLINKA
 ALBERT JAMES HOSS
 JOHN OSCAR JENSEN
 STANLEY ARTHUR KACHEL

THOMAS HOWARD KRIGBAUM
 HENRY WALTER LAGOWSKI
 RALPH LAMB
 EARL FRANCIS LAPANSE
 JOHN WILLIAM LARSON, JR.
 EDWARD ELLSWORTH LUNDQUIST
 CARL EUGENE MAKEMSON
 JOHN ROBERT MCCARTHY
 JOHN LANTZ MCGLONE
 CHARLES THOMAS MCKEE
 HENRY WILLIAM MCNEAL
 ROBERT GENE MEYER
 JOHN JAMES MORGAN, JR.
 GLENN ROBERT NELSON
 JOHN PAUL NOBLE
 JACK RAYMOND OLSEN
 DONALD LOUIS PARISE
 ROBERT CORY PARKER
 KATHRYN SCOTT RANDOLPH
 LAUREN EUBANK RASH
 JOHN PEMBERTON RAUSCH
 ROGER WILLIAM REESE
 WILLIAM JOHN REILLY
 EVERETT ALVIN REMUS
 JOHN EDWARD RILEY
 KENT ELMER ROSE
 ARTHUR ROSEN
 FRANKLIN WALDO ROTH, JR.
 CHARLES DEAN RUMLEY
 HAROLD OVID SCHAEFER
 GERALD JOSEPH SCHUENEMAN
 WILLIAM R. SCHWARZ
 ANDREW ALOYSIUS SESTAK
 ALBIN JOSEPH SLAKIS
 ALFRED ALONZO SMITH
 GERALD DONALD SMITH
 MAX SMITH
 HENRY JAMES SPANGLER
 HARRY ALFRED SPEARS

JAY ELMER STALEY
JAY LAWRENCE STONE
ROBERT ANDREW SURRETT
ROBERT PAUL TROSS
CHARLES JOSEPH TURNER
JAMES FRANCIS URBANSKI
MORRIS WALECK, with Honors

HAROLD DALE WALLACE
JAMES H. WARD, JR.
EARLE EUGENE WARNER, JR.
LOREN EDWARD WATSON
HERSCHEL RAY WORTHEY, Jr., with
Honors
JOSEPH WILLIAM ZIMMERMANN

The Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

October 26, 1950



The October meeting of the Board of Trustees of the University of Illinois was held at the LaSalle Hotel, Chicago, Illinois, on Thursday, October 26, 1950, beginning at 11 o'clock a.m.

The following members were present: President Williamson, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Doctor Meyer, Mrs. Watkins.

President Stoddard was present; also Provost C. R. Griffith, Vice-President A. C. Ivy, Dean Stanley W. Olson of the College of Medicine, Dean C. C. Caveny of the Chicago Undergraduate Division, Comptroller Lloyd Morey, Professor W. C. Huntington, Chairman of the University Building Program Committee, Mr. Howard Hazleton, Business Manager of the Chicago Colleges, Mr. J. F. Wright, Director of Public Information, Mr. Irvin L. Porter, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of July 25, 1950, press proof copies of which had been sent to the Trustees on October 19, 1950.

On motion of Mrs. Watkins, these minutes were approved as printed on pages 1 to 334, inclusive.

**CONDITIONS IN THE COLLEGE OF COMMERCE
AND BUSINESS ADMINISTRATION**

Mr. Hickman read the following statement which was issued publicly as representing the judgment of the Board of Trustees:

The Board is not unaware of the controversy in the College of Commerce. It is under careful and active consideration by the Board, with a view that a solution for the best interests of the University will be reached. While a speedy solution is desirable, speed should be subordinated to a correct and equitable solution of the problem.

Telegram from Senator Everett R. Peters

President Williamson read the following telegram received by the Secretary from State Senator Everett R. Peters:

Champaign, Illinois
October 25, 1950
3:15 P.M.

*A. J. Janata, Secretary of the Board of Trustees
355 Administration Building West, University of Illinois
Urbana, Illinois*

Please present following message to Board Thursday: Due to the concern of many friends of the University over the situation in the College of Commerce, I think it would be wise if Board of Trustees would hear Dean Bowen and Executive Committee of the faculty of the College of Commerce in the very near future. I feel this situation is serious enough that the Board of Trustees, who are elected to manage and control the affairs of the University, should conduct these hearings and render a prompt decision so that we will be able to present a united front in the Legislature on behalf of the University of Illinois, as we always have.

Senator EVERETT R. PETERS

President Stoddard expressed his appreciation of Senator Peters' concern and his desire to find a solution consistent with justice and University progress. Since the Senator has not had the benefit of the discussions by the Board of Trustees of conditions in the College of Commerce, President Stoddard suggested that the President of the Board, the President of the University, and a special committee of the Trustees meet with Senator Peters to discuss with him the issues involved.

On motion of Mr. McLaughlin, this suggestion was adopted and the appointment of a special committee was authorized. President Williamson later announced that he had appointed Messrs. Fornof, Hickman, Livingston, and McLaughlin to serve with the President of the Board and the President of the University as a special committee for this purpose.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following recommendations and reports presented by President Stoddard.

**STATE APPROPRIATIONS FOR BUILDINGS AND OTHER CAPITAL
IMPROVEMENTS FOR THE BIENNIUM 1951-1953**

(1) I am submitting herewith a proposed program for capital expenditures for the 1951-1953 biennium of \$25,575,000 for the Urbana-Champaign campus and \$14,005,000 for the Chicago Professional Colleges campus, a biennial total of \$39,580,000.

This recommendation is based upon the report of the Building Program Committee and the advice of the University Council. A copy of the complete report of the Committee is hereby submitted to each member of the Board. (A copy has also been filed with the Secretary of the Board as a matter of permanent record.)

It includes a discussion of the building needs as a whole, the reasons for all recommendations for the coming biennium, and the explanation of each specific project.

The report also lists additional items in two priority groups, which are deferred for consideration for future biennial periods.

I recommend that authority be given to submit this request, in the total sum of \$39,580,000, to the State Department of Finance and other budgetary authorities as representing the needs of the University for the coming biennium.

BUILDING PROGRAM FOR URBANA AND CHICAGO CAMPUSES
RECOMMENDED BY THE BUILDING PROGRAM COMMITTEE
FOR CONSIDERATION BY THE PRESIDENT AND BOARD OF TRUSTEES
FOR THE 1951-1953 BIENNIUM

October 15, 1950

Cost estimates were prepared by the Physical Plant Department from floor areas recommended by the Committee and include allowances for furniture, laboratory equipment, landscaping and site development.

Order of listing has no priority significance.

URBANA CAMPUS		
<i>Project No.</i>	<i>Name of Project</i>	<i>Estimated Cost</i>
1.	Architecture Building Addition.....	\$ 1 900 000
2.	Auditorium Reconstruction.....	1 900 000
3.	Band Building.....	580 000
4.	Life Sciences Building.....	7 600 000
5.	Remodeling for Educational Laboratories.....	115 000
6.	Fire Station.....	250 000
7.	Land Acquisition.....	100 000
8.	Law Building.....	2 320 000
9.	Library Additions.....	920 000
10.	Physics Laboratory Additions and Rewiring.....	1 400 000
11.	Power Plant Addition.....	1 890 000
12.	Remodeling, Improvements, and Minor Additions.....	1 700 000
13.	Student Housing.....	4 000 000
14.	Utilities Distribution System.....	900 000
<i>Total for Urbana Campus.....</i>		<i>\$25 575 000</i>
CHICAGO CAMPUS		
51.	Drug Plant Experiment Station.....	\$ 570 000
52.	East Dentistry, Medicine, Pharmacy Building.....	6 340 000
53.	Experimental Research Building.....	1 300 000
54.	Land Acquisition.....	330 000
55.	Nurses Residence and School.....	2 100 000
56.	Remodeling and Improvements to Buildings, Grounds, and Utilities.....	365 000
57.	Second and Third Stages of Hospital Alterations and Remodeling.....	2 000 000
58.	Student and Staff Housing (total cost \$3,600,000).....	1 000 000
<i>Total for Chicago Campus.....</i>		<i>\$14 005 000</i>
<i>Total for Urbana and Chicago Campuses.....</i>		<i>\$39 580 000</i>

President Stoddard, Vice-President Ivy, Dean Olson, and Professor Huntington discussed the report and recommendations.

On motion of Mr. McLaughlin, the Committee on Buildings and Grounds and the Committee on Agriculture were designated to hear individuals or delegations who desire to appear before the Board in support of a Home Economics Building. The Buildings and Grounds Committee was also requested to hear any parties desiring to appear in support of any other building project.

Following extended discussion by members of the Board, on motion of Mr. Livingston, the President of the Board and the President of the University were authorized and directed to present this capital budget to the State Department of Finance, the Illinois Budgetary Commission, and other state officials and legislative leaders as representing the needs of the University for funds for buildings and other permanent improvements for the biennium of 1951-1953.

Mr. Livingston also offered a motion expressing the appreciation of the Trustees to the Building Program Committee and its representatives who appeared before the Board for their fine work in presenting a comprehensive, informative report, and this motion was adopted.

At this point, Doctor Meyer withdrew from the meeting.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(2) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

IVAN OLE BULL (Iowa)	CONNELL ISIDORE SALTZMAN (N.Y.)
ROBERT MARTIN BURLINGAME (Tenn.)	JACK H. TERRY (Nebr.)
AL PATRICK CHATTERTON (Mo.)	ROBERT S. TORGERSON (Wis.)
THOMAS JOSEPH MCGARRY (Mo.)	GEORGE H. WINCHELL (Minn.)

I concur.

On motion of Mr. Hickman, these certificates were awarded, as recommended.

APPOINTMENTS TO THE FACULTY

(3) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees:

1. ROBERT LEIGHTON CARMIN, Assistant Professor of Geography, beginning February 1, 1951, at an annual salary of \$5,000 (D).

2. BUEL ROREX PATTERSON, Assistant Professor of Physical Education for Men, beginning September 1, 1950, at an annual salary of \$1,200 (B20), and Head Wrestling Coach for the Athletic Association, at an annual salary of \$4,000 (DY80).

3. MRS. DOROTHY E. SHELLEY, Assistant Professor of Hygiene and Medical Adviser for Women in the Health Service, beginning October 1, 1950, at an annual salary of \$6,000 (DY).

4. BENSON MATES, Visiting Associate Professor of Philosophy, second semester, 1950-1951, at a salary of \$3,500 (G).

5. MONTGOMERIE CHRISTIE STEELE, Research Assistant Professor of Theoretical and Applied Mechanics, Engineering Experiment Station, beginning October 1, 1950, at an annual salary of \$5,400 (DY).

On motion of Mr. Fornof, these appointments were confirmed.

APPOINTMENTS TO ADVISORY COMMITTEE OF THE COLLEGE OF PHARMACY

(4) The Dean of the College of Pharmacy recommends the following appointments to the Advisory Committee of that College:

RALPH A. CARPENTER, Villa Park, for five years (July 1, 1950, through June 30, 1955).

THOMAS G. CRAWFORD, Director of Personnel, Walgreen Drug Company, Chicago, for one year (July 1, 1950, through June 30, 1951).

Mr. Carpenter is being appointed to succeed Mr. Charles R. Walgreen, Jr., whose term has expired. Mr. Crawford's appointment is to fill the vacancy brought

about by the resignation, because of poor health, of Mr. W. Edwin Brown of Quincy.

The other members of the Committee are: Harold A. Wild, Joliet; Otto J. Pelikan, Berwyn; David D. Stiles, North Chicago; and John G. Vlazny, Chicago, President of the Illinois Pharmaceutical Association who is a member ex-officio.

I concur.

On motion of Mr. Hickman, these appointments were approved.

DEPARTMENT OF CRIMINOLOGY AND LEGAL MEDICINE

(5) The Dean of the College of Medicine and the Vice-President in Charge of the Chicago Professional Colleges recommend that the Department of Criminology and Legal Medicine in the College of Medicine be discontinued. Its functions will be taken over by other departments.

I concur.

On motion of Mrs. Watkins, this department was discontinued.

CERTIFICATION FOR DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(6) The Vice-President in Charge of the Chicago Professional Colleges has approved the following regulation as Executive Officer of the Division of Services for Crippled Children. It relates to the confidential handling of personal information about individual crippled children under the care of the Division and is required by a federal law.

"All information obtained by the State Agency in the course of administration by the program as to personal facts, circumstances, and identifying details concerning crippled children under the program, including their medical condition and treatment, shall be held in confidence. Information necessary for the provision of care and services to the individual crippled children, or to the family of such child, may, however, be given to persons or agencies participating in such care. Such information may, of course, be disclosed through the Central Office or by the districts when specifically authorized by the Director in summary, statistical, or other form, which does not identify individual children."

I recommend approval of this regulation as a matter of official record.

On motion of Mr. Livingston, this regulation was approved.

REGULATIONS GOVERNING WITHDRAWAL OF UNIVERSITY OF ILLINOIS STUDENTS FOR MILITARY AND OTHER NATIONAL DEFENSE SERVICES

(7) The University Senate recommends adoption of the following regulations relating to the withdrawal of students from the University for military and other national defense services. These are the same regulations, with some slight editorial revision, which were previously adopted by the Board and were in effect during World War II, but which were rescinded by the Board on February 21, 1948. Because of calls of students in the reserves into active service and renewal of inductions under Selective Service, restoration of these regulations is needed.

I concur.

Regulations Governing Withdrawal of University of Illinois Students for Services Pertaining to the National Defense

I. Undergraduate and Professional Students at Urbana and Navy Pier

A. CREDIT IN COURSES

1. An undergraduate or professional student at Urbana or Navy Pier, who, after completing the seventh week and before completing the twelfth week of the semester, withdraws from the University in order to enter into active service with the armed forces, or other service pertaining to the national defense which is approved by the University Committee on Selective Service, shall be entitled to receive, without examination, credit for one-half of each course in which he has attained a standing of C or better at the time of his withdrawal. The grade reported shall be that attained in the course up to the time of withdrawal.

2. Where such withdrawal occurs upon completion of the twelfth week of the semester, or later, such student shall be entitled to receive full credit upon like conditions.

3. A student, irrespective of his grade in any course in which he is then registered, who withdraws from the University at any time for any of the above-mentioned reasons shall be entitled at his discretion to take an examination for credit in the course or for credit for only the first half thereof. The grade shall be reported as A, B, C, D, or E.

B. GRADUATION

1. A student who has been in residence at the University for not less than two full semesters, who has met all requirements for graduation (including minimum scholarship requirements) except those which he would fulfill by completing the courses for which he is registered at the time he withdraws from the University in order to enter into active service with the armed forces, may be recommended for his degree provided he has completed the seventh week of that semester, and provided he has a standing in the courses for which he is registered which, if maintained to the end of the semester, would satisfy the requirements for his graduation. If the withdrawal occurs before the completion of the seventh week of such semester, the student may be recommended for his degree upon passing examinations covering the first half of the subject matter of the courses in which he is then registered.

2. A senior in good standing who at any time leaves the University to enter military service and does so enter within ten days, and who lacks no more than one-sixteenth of the total credit hours required for his degree, may, in the discretion of his College and on approval of his major department, be recommended for such degree. But no student should be considered eligible for this privilege who has acquired hours under the seven-weeks or the twelve-weeks rule previously adopted by the University Senate.

(a) By "a senior in good standing" is meant one whose progress during his University registrations has been satisfactory to the administrative officers of his College. Among grounds for dissatisfaction might be negligence in meeting requirements, or scholastic deficiencies.

(b) "At any time" shall be interpreted to mean "during any semester of residence or the interim between successive semesters." It is not intended that students who, after these rules become operative, stay out of college for any semester, and who thus do not make continuous progress to their degree, shall be eligible for the privilege extended in these rules.

II. Undergraduate and Professional Students in the Colleges of Medicine, Dentistry, and Pharmacy

A. CREDIT IN COURSES

1. An undergraduate or professional student in the Chicago Professional Colleges who, after completing the fifth week and before completing the ninth week of the quarter, withdraws from the University in order to enter into active service with the armed forces or other service pertaining to the national defense which is approved by the University Committee on Selective Service, shall be entitled to receive, without examination, credit for one-half of each course in which he has attained a standing of C or better at the time of his withdrawal. The grade reported shall be that attained in the course up to the time of his withdrawal.

2. Where such withdrawal occurs upon completion of the ninth week of the quarter, or later, such student shall be entitled to receive full credit upon like conditions.

3. A student, irrespective of his grade in any course in which he is then registered, who withdraws from the University at any time for any of the above-mentioned reasons shall be entitled, at the discretion of the committee, to take an examination for credit in the course or for credit for only the first half thereof. The grade shall be reported as A, B, C, D, or E.

The individual college reserves the right to limit the number of students who may return at any one time. This provision is essential to avoid overloading.

B. GRADUATION

1. A student who has been in residence at the University for not less than three full quarters, who has met all requirements for graduation (including mini-

mum scholarship requirements) except those which he would fulfill by completing the courses for which he is registered at the time he withdraws from the University in order to enter into active service with the armed forces, may be recommended for his degree, provided he has completed the fifth week of that quarter and provided he has a standing in the courses for which he is then registered which, if maintained to the end of the quarter, would satisfy the requirements for his graduation. If withdrawal occurs before the completion of the fifth week of such quarter, the student may be recommended for his degree upon passing examinations covering the first half of the subject matter of the courses in which he is then registered.

2. A senior in good standing who at any time leaves the University to enter military service and does so enter within ten days, and who lacks no more than one-sixteenth of the total credit hours required for his degree, may at the discretion of his College and on approval of his major department, be recommended for such degree. But no student should be considered eligible for this privilege who has acquired hours under the five-weeks or the nine-weeks rule previously adopted by the University Senate.

(a) By "a senior in good standing" is meant one whose progress during his University registrations has been satisfactory to the administrative officers of his College. Among grounds for dissatisfaction might be negligence in meeting requirements, or scholastic deficiencies.

(b) "At any time" shall be interpreted to mean "during any quarter of residence or the interim between successive quarters." It is not intended that students who, after these rules become operative, stay out of college for any quarter, and who thus do not make continuous progress to their degrees, shall be eligible for the privilege extended in these rules.

III. Graduate Students

A graduate student who withdraws from the University at any time in order to enter into active service with the armed forces, or other service pertaining to the national defense as determined by the University Committee on Selective Service, shall be entitled to receive such credit for work theretofore done by him as the Professor in charge of his major work and the Dean of the Graduate College, in accordance with the recommendation of the instructor or instructors in charge of the work in which he is registered, deem proper, these officers being guided by policies comparable to those which apply to undergraduate students who withdraw from the University in order to enter into active service with the armed forces, or other service pertaining to the national defense.

On motion of Mr. Hickman, these regulations were approved.

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

(8) The Governor has approved the following releases of funds from appropriations made to the University of Illinois for 1949-1951 for buildings and other capital improvements.

Release No. 41

"For Permanent Improvements at Urbana-Champaign—Construction of extensions to the Utility Distribution Systems".....\$19 000
This is a partial release from an appropriation of \$375,000. The Governor has previously released (Releases Nos. 12, 37, and 39) \$191,000 from this appropriation. The funds now released are for the modernization of the transformer vault in the Library.

Release No. 42

"For Permanent Improvements at Urbana-Champaign—Additions to Power and Heating Plant and remodeling of existing buildings"..... 27 000
This is a partial release from an appropriation of \$1,215,000. The Governor has previously released (Releases Nos. 6, 13, 14, 16, 23, 24, 30, and 36) \$1,135,442 from this appropriation. The funds now released are for an intercommunication system in the Power Plant, painting of the Power Plant building addition, and to provide high-pressure gas service by the extension of a six-inch high-pressure gas main.

Release No. 43

"For Equipment for buildings at Urbana-Champaign and Chicago"..... 25 000
 This is a partial release from an appropriation of \$680,000. The Governor has previously released (Releases Nos. 2, 18, and 40) \$134,603.65 from this appropriation. The funds now released are for the purchase of a motor generator to provide direct current electric service for use in research work at Urbana-Champaign.

Release No. 44

"For Equipment for buildings at Urbana-Champaign and Chicago"..... 17 350
 This is a partial release from an appropriation of \$680,000. The Governor has previously released (Releases Nos. 2, 18, 40, and 43) \$159,603.65 from this appropriation. The funds now released are for purchase of equipment for the Department of Bacteriology in the College of Medicine.

Release No. 45

"For Permanent Improvements at Chicago — Construction of Utility Distribution System and remodeling of existing buildings"..... 6 000
 This is a partial release from an appropriation of \$190,000. The Governor has previously released (Releases Nos. 10, 26, 28, 35, and 38) \$110,192 from this appropriation. The funds now released are for remodeling for the Department of Bacteriology in the College of Medicine.

Release No. 46

"For Equipment for buildings at Urbana-Champaign and Chicago"..... 11 300
 This is a partial release from an appropriation of \$680,000. The Governor has previously released (Releases Nos. 2, 18, 40, 43, and 44) \$176,953.65 from this appropriation. The funds now released are for purchase of microscopes for the Department of Medicine, and purchase of an infrared spectrophotometer for the Department of Biological Chemistry.

I recommend that these funds be appropriated by the Board for the purposes indicated.

On motion of Mr. Herrick, these funds were appropriated, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Dr. Meyer, Mr. Nickell, Mr. Stevenson.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(9) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

Urbana-Champaign

From funds budgeted for nonrecurring expenditures for equipment:

1. Equipment for the Department of Art.....\$ 3 200
2. Equipment for the Department of Botany..... 2 000
3. Remodeling in Woman's Gymnasium (installation of hardwood floor in basement area to increase its utility)..... 1 000

From the General Reserve Fund:

4. Dean of Students, for premium on malpractice insurance covering members of the Health Service Staff..... 1 680
5. Institute of Aviation, for improvements at the University of Illinois Airport..... 47 500

This will provide matching funds for federal and state aid. The State Department of Aeronautics has \$45,000 which can be made available to the University and, subject to appropriation, the federal government will provide not to exceed \$90,000.

Chicago Professional Colleges

From the General Reserve Fund:

6. Betatron X-ray tube for Department of Radiology.....	3 000
7. Music, instruments, and repair of instruments for Orchestra and Choral Society.....	750
8. Equipment for Research and Educational Hospitals Laboratory.....	2 340
9. Remodeling in Research and Educational Hospitals.....	1 260

I concur.

The requests for these assignments of funds have been carefully studied by the Committee on Nonrecurring Appropriations. Reports of the Committee, giving details on each item, are submitted herewith.

On motion of Mrs. Holt, these appropriations were made, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Dr. Meyer, Mr. Nickell, Mr. Stevenson.

SUPPLEMENTARY APPROPRIATION FOR DEPARTMENT OF AGRONOMY EQUIPMENT

(10) An appropriation of \$20,000 was made to the Department of Agronomy (Minutes, June 22, 1950, page 1181) for the purchase and installation of spectrographic analysis equipment required for research programs. Bids received on this equipment indicate that a total of \$25,000 will be needed.

The Head of the Department of Agronomy and the Dean of the College of Agriculture request a supplementary assignment of \$5,000. The Provost and the Comptroller concur. The Department has an accumulated balance in its income from which one-half of this additional cost can be met.

I recommend that an appropriation of \$2,500 be made from the General Reserve Fund and \$2,500 from unassigned departmental income for this purpose.

On motion of Mr. McLaughlin, this appropriation was made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Dr. Meyer, Mr. Nickell, Mr. Stevenson.

APPROPRIATION TO DEPARTMENT OF ANIMAL SCIENCE

(11) The Head of the Department of Animal Science and the Dean of the College of Agriculture request an assignment of \$5,250 from accumulated agricultural income, reserved for agricultural purposes, to pave with concrete a portion of the area west of the swine barn to increase efficiency in experimental work and to provide additional facilities for graduate students doing research work on swine problems.

I concur.

On motion of Mr. Livingston, this appropriation was made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Dr. Meyer, Mr. Nickell, Mr. Stevenson.

PAYMENT OF LEGAL SERVICES IN THE CASE OF IDA B. BLACKBURN, ET AL., VS. THE BOARD OF TRUSTEES

(12) The Board of Trustees authorized the employment of the firm of Snyder, Chadwell, and Fagerburg as special counsel in the case of Ida B. Blackburn *et al.* vs. the Board of Trustees, this being a mandamus action challenging the right of the University to discontinue the function of providing elementary school instruction for children patients in the Research and Educational Hospitals.

As reported to the Board on September 29, 1950 (Minutes, page 374), the Circuit Court dismissed the complaint, thereby ruling in favor of the University. The plaintiffs have decided not to appeal the decision, so that the case is closed.

The Board of Trustees on November 29, 1949 (Minutes, page 945), authorized the payment of \$3,112.80 to Snyder, Chadwell, and Fagerburg for services up to that time. The firm has submitted a final bill for \$2,253.70, making a total of \$5,366.50.

The Legal Counsel's Office recommends that this payment be authorized and that a special appropriation of \$2,253.70 be made for this purpose.
I concur.

On motion of Mr. Herrick, this payment was authorized and the appropriation of \$2,253.70 was made from the General Reserve Fund by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Dr. Meyer, Mr. Nickell, Mr. Stevenson.

On motion of Mr. Hickman, the Board voted that in the future members of the Board who are attorneys shall be consulted in advance of employment of special counsel in cases which are likely to involve substantial legal fees.

ASSIGNMENT OF FUNDS BY ATHLETIC ASSOCIATION

(13) The Board of Directors of the Athletic Association has assigned \$5,500 from the unappropriated surplus of the Association for the expenses of sending the University Band to Ann Arbor, Michigan, for the Michigan-Illinois game on November 4, 1950.

I recommend approval of this appropriation.

On motion of Mr. Hickman, the action of the Board of Directors was confirmed.

CHANGES IN UNIVERSITY RETIREMENT SYSTEM

(14) The University has a committee representative of the faculty and nonacademic employees which advises the President on matters relating to the University Retirement System of Illinois and its operations. The committee has recommended the following changes in the law establishing the Retirement System:

1. Reduction of vesting period to ten years. As the Act now stands an employee attains a vested interest in Employer Contributions upon the completion of fifteen years of service, at least ten of which are after September 1, 1941.

2. That provision be made that at the time of retirement, if an individual's contributions are sufficient to provide more than his just share of his Retirement Annuity, the excess be used to provide for the individual Additional Annuity, unmatched from state funds.

I have transmitted these recommendations with my endorsement to the Board of Trustees of the University Retirement System.

This report was received for record.

CONSTRUCTION OF SIDEWALK ON RACE STREET

(15) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$1,265 to Wascher Concrete and Insulation Company, Champaign, the lowest bidder, for the construction of a sidewalk on the west side of Race Street from Florida Avenue to Bliss Drive. This is needed to serve the occupants of the residences in the Small Homes Council Staff Housing Research Project area.

Funds are available in the appropriation for this project.

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Holt, authority was given, as recommended.

GENERATOR FOR ABBOTT POWER PLANT

(16) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$25,031 to the Buda Company, Harvey, the lowest bidder, for the purchase and installation of a 300 kw. Diesel engine-driven generator in the Abbott Power Plant.

This is the first step in an installation which will include additional switchboard and switchgear to provide an independent power source. To place a generator station in service, an independent power source is necessary to start essential plant auxiliary motors. At present this source is supplied by the Illinois Power Company, but on several occasions this service, supplied through an overhead transmission line, has failed. The installation of a small generator to provide this independent power source was considered when the Power Plant was designed but was eliminated to reduce the construction cost. This installation would also provide means of supplying steam to the campus in the event of future failure of the installed plant switchboards or the stand-by service of the Illinois Power Company. The total cost of this project is estimated at \$79,800.

Funds are available in the state appropriation for "Additions to Power and Heating Plant and remodeling of existing buildings."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract, subject to the release of funds by the Governor.

On motion of Mr. McLaughlin, authority was given, as recommended.

CONTRACT FOR CONSTRUCTION OF CONCRETE FLOOR SLABS

(17) The Acting Director of the Small Homes Council and the Comptroller recommend the award of a contract for \$4,390 to Oran L. Shoemaker and Company, Champaign, the lowest bidder, for construction of four experimental concrete floor slabs on the Home Research Center site at Oak and Armory Streets, Champaign. This construction is part of a research project financed by Levitt and Sons, Inc., New York City, to determine the effect of frost action on various types of foundations supporting concrete floor slabs laid directly on the ground.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, authority was given, as recommended.

CONTRACT FOR FOOD SERVICE EQUIPMENT IN THE ILLINI UNION BUILDING

(18) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$3,685 to Swain and Myers, Inc., Decatur, the lowest bidder, for the installation of equipment in the cafeteria in the Illini Union Building to improve the service.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Holt, authority was given, as recommended.

CONTRACT FOR ENGINEERING SERVICES IN UTILITIES DISTRIBUTION SYSTEMS

(19) The utility extension program at Urbana includes construction of a storm sewer along the road north of the Floriculture and Vegetable Greenhouses from a manhole about 75 feet west of the Forestry to a point immediately south of Mumford Hall. Ultimately this sewer will be extended as far west as the Architecture Building.

The Director of the Physical Plant and the Comptroller recommend the employment of Wilson and Anderson, Champaign, for the engineering services on this project at a fee of 7 per cent of the construction costs for preparation of drawings and specifications and for supervision. In the event it appears desirable to provide an engineer for continuous inspection and supervision, such services will be provided on the basis of net wages plus 15 per cent for overhead. The total estimated fee is \$3,300.

Funds are available in the state appropriation for "Construction of extensions to the Utility Distribution Systems."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Forno, authority was given, as recommended.

**ADDITION TO CONTRACT FOR ARCHITECTURAL SERVICES ON
REMODELING PHYSICAL PLANT SERVICE BUILDING**

(20) The Board of Trustees has authorized the remodeling of the Physical Plant Service Building (the old Boiler House) and approved a contract with Holabird and Root and Burgee, Architects, Chicago, for architectural services on a fee basis of $4\frac{1}{2}$ per cent of the estimated cost of the project for working drawings and specifications, or 6 per cent of the total cost for complete service if funds are available for the remodeling but not to exceed a maximum fee of \$15,000 for all architectural services.

The total cost of working drawings and specifications to date is \$7,427.86. Some changes in them have been made during the course of their preparation as the result of changes in the contemplated use of the building and from recommendations relating to construction made by the Building Program Committee. The latter should result in a reduction in construction cost.

The architects have offered to do the additional work on the basis of the actual cost to them, which is \$9,835.58. This will increase the cost of architectural services on the project to \$17,263.44.

The Director of the Physical Plant and the Comptroller recommend an addition of \$2,263.44 to the previous maximum of \$15,000 authorized for architectural services. Funds are available in the appropriation already made for the remodeling of the Physical Plant Service Building.

I concur.

On motion of Mr. McLaughlin, authority was given, as recommended.

**ADDITION TO CONTRACT FOR REMODELING OF
PHYSICAL PLANT SERVICE BUILDING**

(21) The Director of the Physical Plant and the Comptroller recommend an increase of \$2,066 in the contract with the R. A. Bland Electric Company of Champaign for the electrical work on the remodeling of the Physical Plant Service Building. After the original contract was awarded by the Board of Trustees on May 19, 1950 (Minutes, page 1126), it was found that the built-in protection for the transformer was not adequate for the safety of workmen when servicing this equipment. It is proposed to install a separate disconnect switch and enclosure for terminals to eliminate the hazard of contact with live parts of the transformer.

Funds are available in the appropriation for this remodeling.

I concur and request that the Comptroller be authorized to execute this contract change.

On motion of Mrs. Holt, authority was given, as recommended.

**ADDITIONS TO CONTRACTS FOR CONSTRUCTION OF THE
VETERINARY MEDICINE BUILDING**

(22) Prior to the securing of bids on the Veterinary Medicine Building there were several changes in the design of the building which made it possible to install the ventilating equipment in the penthouse instead of in Room 24 as originally planned. It was anticipated that Room 24 probably would be used as a laboratory but working out the details of this and other resulting changes was deferred in order not to delay the completion of the drawings and securing bids.

Plans have now been completed for the use of this room and they will improve the facilities for research and diagnostic work.

The Director of the Physical Plant and the Comptroller recommend the following additions to existing contracts:

General work — John Felmley Company, Bloomington.....\$1 455

Heating and ventilating work — National Korectairste Company, Chicago.... 3 978

Funds are available.

I concur and request that the Comptroller be authorized to execute these contract changes.

On motion of Mr. Livingston, authority was given, as recommended.

PURCHASES

(23) The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Eight 9 1/4 cu. ft. capacity standard refrigerators	Animal Science	International Harvester Co., Kankakee	\$2 167 52 f.o.b. Kankakee
Five 7.6 cu. ft. capacity standard refrigerators			
Three 8.4 cu. ft. capacity refrigerators with freezing compartment			
Laboratory balances and accessories	Dairy Science	Arthur S. LaPine & Co., Chicago	3 323 10
One 54" centrifugal type extractor with two sets of removal containers and hoist equipment, delivered and installed, less allowance for an old 48" Ellis extractor	Physical Plant	American Laundry Machinery Co., Chicago	9 168 20 (net) delivered and installed, including tax
One Hobart model XM3 dishwashing machine, delivered and installed, less allowance for old dishwasher in use since July, 1941	Physical Plant	Albert Pick & Co., Chicago	2 138 24 (net) delivered and installed
Velour draperies installed on the Auditorium stage in accordance with specifications	Physical Plant	Volland Studios, St. Louis, Mo.	1 800 00 installed
48 2" bronze gate valves, for 150 lbs. steam, water, or gas	Physical Plant	Inland Supply Co., Champaign	1 316 40 f.o.b. delivered
60 1 1/4" bronze gate valves, for 150 lbs. steam, water, or gas	Storeroom		
72 1" bronze gate valves, for 150 lbs. steam, water, or gas			
100 3/4" bronze gate valves, for 150 lbs. steam, water, or gas			
50 1/2" bronze gate valves, for 150 lbs. steam, water, or gas			
5000 board feet of 1" B and better northern white pine (Pinus-Strobus) rough, kiln dried, random widths, lengths from 10' to 16'	Physical Plant	White Pine Lumber Co., Chicago	1 780 00 f.o.b. Urbana
5000 board feet 5/4" Tidewater red cypress, B and better, 6" width, random length, rough, air dried	Physical Plant	Illini Lumber Distributors, Champaign	2 418 13 f.o.b. delivered
125 1" x 10" C grade Ponderosa pine, in lengths 12' to 16' S4S K.D.			
125 1" x 12" C grade Ponderosa pine, in lengths 12' to 16' S4S K.D.			
146 pine corner posts, 8" x 10', domed and creosoted	Agricultural Administration	Long Bell Lumber Co., Chicago	2 583 56 f.o.b. cars Champaign
1980 pine line posts, 4" x 8', creosoted			
74 pine braces, 4" x 10', creosoted			
268 trench coats for R.O.T.C. students, ground forces	Military	Associated Military Stores, Chicago	7 302 00 (approximate)
120 top coats, with removable lining, for R.O.T.C. students, Air Force			
500 gross 3" x 1" microscope slides and 950 ounces assorted sizes No. 1 microscope cover glasses	Chicago Professional Colleges	Hospital Equipment Corp., Chicago Debs Hospital Supply Corp., Chicago C. W. Alban & Co., St. Louis, Mo.	1 050 00 335 00 475 00 Total (1 860 00)
65 dozen operating gowns	Chicago Professional Colleges	L. B. Herbst Corp., Chicago	1 989 00
60 dozen patient's gowns			
400 dozen 18" x 36" huck towels	General Stores	Whitehouse Manufacturing Co., Chicago Beverly Linen Co., Chicago	1 138 32 1 376 00 Total (4 503 32)
One three-piece nurses uniform press unit to consist of one air-driven press and two air-driven pony presses with two hand safety controls, linoleum covered steel work tables	Chicago Physical Plant	American Laundry Machinery Co., Chicago	1 447 38

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Printing of the student newspaper <i>Pier Illini</i> from November 1, 1950, to May 30, 1951, inclusive	Dean of Men, Undergraduate Division, Navy Pier	Pickwick Publishing Co., Park Ridge	6 754 00
One car 33 3/4" roll newsprint	Alumni Relations and Records	Daley Papers, Inc., Chicago	6 000 00 (estimate)
One infrared spectrophotometer, single beam type with an automatic wave length recorder capable of recording wave length vs. energy output, according to specifications supplied by the Biological Chemistry Department	Biological Chemistry (Medical)	Chicago Apparatus Co., Chicago	5 112 50 f.o.b. delivered
One lot laboratory equipment for the new Dairy Science laboratories in the Animal Sciences Laboratory	Dairy Science	Arthur S. LaPine & Co., Chicago	6 658 15 f.o.b. Urbana
Complete rebuilding of model D Steinway concert grand piano	School of Music	Steinway & Sons, New York, N.Y.	1 300 00 (approximate)
848 12 x 15 x 36 steel lockers	Physical Education for Men	W. B. Read & Co., Bloomington	7 736 01 installed
100 12 x 15 x 60 steel lockers			
45 12 x 15 x 72 steel lockers			
Syracuse china, early American santa rosa crimson print pattern: 60 dozen bread and butter plates 5 1/4" diameter 60 dozen cups 60 dozen saucers 60 dozen salad plates 6" diameter 30 dozen luncheon plates 9" diameter	Illini Union	E. A. Hinrichs & Co., Chicago	1 772 10 f.o.b. Urbana
1780 rods woven wire fence 47" high, 6" stays, no. 9 wire (for fencing the McCullough Farm)	Agricultural Administration	Keystone Steel & Wire Co., Peoria	2 426 14 f.o.b. delivered
This cost is subject to billing at price in effect at time of delivery, with provision that increase will not exceed 15 per cent (\$2,790.06).			
1500 copies <i>New Perspectives in Marketing</i> to be printed and bound in accordance with our specifications	University Press	Haddon Craftsmen, Inc., Scranton, Pa.	2 322 00 f.o.b. Urbana
1000 copies <i>Bibliography in An Age of Science</i> to be printed and bound in accordance with our specifications	University Press	R. R. Donnelley & Sons, Chicago	1 660 00 (approximate) f.o.b. Urbana

On motion of Mr. Fornof, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(24) The Comptroller's report of contracts executed for the period from September 1 to September 30, 1950.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
United States Army Corps of Engineers	Instruction in civil engineering for not more than eleven officers	\$7 786 90	June 26, 1950
United States Air Force	Permit to land plane at Wright-Patterson Air Force Base	.....	August 1, 1950
Associated Seed Growers, Inc.	Agreement to grow and introduce sweet corn developed by the University of Illinois	None	June 15, 1950
Charter Seed Co.	Agreement to grow and introduce sweet corn developed by the University of Illinois	None	June 15, 1950
F. H. Woodruff and Sons	Agreement to grow and introduce sweet corn developed by the University of Illinois	None	June 15, 1950
Northrup, King, and Co.	Agreement to grow and introduce sweet corn developed by the University of Illinois	None	June 15, 1950
Corneli Seed Co.	Agreement to grow and introduce sweet corn developed by the University of Illinois	None	June 15, 1950

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Champaign County States Attorney, John J. Bresee	Payments in lieu of taxes for tax year 1949	\$15 100 06	July 19, 1950

Leases Executed Under General Regulations of the Board of Trustees

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
United States Army Corps of Engineers (July 1, 1950, to June 30, 1952)	Hangar space at the University of Illinois Airport	\$555 00 per annum	June 21, 1950

*Adjustments in Authorizations Issued Prior to July 1, 1949,
Under Cost-Plus Standing Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>
Lewis S. Colbert	One adjustment	\$186 24
Square Deal Electric Co.	One adjustment	285 32

This report was received for record.

**APPROPRIATION AND CONTRACT FOR CONSTRUCTION
OF SIDEWALK ON SOUTH CAMPUS**

(25) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$1,810 to the Wascher Concrete and Insulation Company, Champaign, the lowest bidder, for the construction of a sidewalk on the South Campus crossing the quadrangle between the Library and the Morrow plots.

An appropriation of \$2,250 (\$1,810 for the construction contract and \$440 for engineering services and contingencies) is required.

I recommend that this appropriation be made from the General Reserve Fund and that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Hickman, this contract was authorized and the appropriation was made, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Dr. Meyer, Mr. Nickell, Mr. Stevenson.

**APPROPRIATION AND CONTRACT FOR REMODELING OF QUARTERS
IN THE CHICAGO UNDERGRADUATE DIVISION**

(26) The Committee on Nonrecurring Appropriations recommends that an assignment of \$14,500 be made from the General Reserve Fund for remodeling of quarters at Navy Pier and for the purchase of equipment to provide additional facilities needed by the Department of Biological Sciences. A report of the Committee giving the details of the improvements requested and a breakdown of the costs is attached.

Bids have been secured on the remodeling work. The Director of the Physical Plant and the Comptroller recommend award of a contract for \$7,498.23 to James P. Sherlock, Chicago, the lowest bidder, for this work.

The Director of Purchases and the Business Manager of the Chicago Departments recommend purchase of laboratory furniture and other equipment from the Inter Ocean Cabinet Company, Chicago, the lowest bidder, at a price of \$5,626.10.

I recommend that an appropriation of \$14,500 be made from the General Reserve Fund, and that the award of a remodeling contract and the purchase of the laboratory equipment be authorized.

On motion of Mr. Livingston, the contract for remodeling and the purchase of laboratory equipment were authorized, as recommended, and an appropriation of \$14,500 was made from the General Reserve Fund by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Dr. Meyer, Mr. Nickell, Mr. Stevenson.

**BIENNIAL OPERATING BUDGET 1951-1953
INSTITUTION FOR TUBERCULOSIS RESEARCH**

(27) The sixty-sixth General Assembly approved for the biennium 1949-1951 an appropriation of \$143,000 for the operation of the Institution for Tuberculosis Research. This appropriation provided funds for research on tuberculosis vaccine. Funds were also included for the operation and maintenance of a new building. However, funds were not appropriated for the construction of the building and the operation and maintenance funds will be lapsed at the end of the biennium. The Institution has located satisfactory quarters in buildings belonging to Cook County so that it is necessary to request an appropriation for the biennium of 1951-1953 for the professional staff only.

The Vice-President in Charge of the Professional Colleges recommends that the University request an appropriation for the biennium of 1951-1953 of \$75,200. This budget is based upon the current year's level of operation plus 5 per cent of the salaries and wages figures to provide for merit and other salary adjustments in line with the general University policy.

I concur in this recommendation.

Vice-President Ivy made a statement in explanation of this budget.

On motion of Mr. Livingston, this budget was approved for presentation to the State Department of Finance, the Illinois Budgetary Commission, and other state officials concerned.

BUDGET FOR DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(28) The Vice-President in Charge of the Chicago Professional Colleges reported that the Committee on the Chicago Departments of the Board at a meeting on October 23, 1950, considered recommendations from the Director of the Division of Services for Crippled Children relating to the budget of the Division for the biennium of 1951-1953.

It is recommended that a budget of \$3,318,720 which provides for no change in policy or philosophy in operation of the Division be approved for presentation to the State Department of Finance.

It is recommended that a supplementary budget of \$1,718,700, providing for the cost of extending the services of the Division to Chicago on the same basis as such services are provided for children of Illinois residing outside of Chicago, which budget would represent a change in policy and philosophy in the operation of the Division, be approved only for presentation to the Department of Finance and the Illinois Budgetary Commission as information on the cost of such extension of services in case the Commission, the General Assembly, and the Governor decide that a change in policy is necessary.

On motion of Mr. Hickman, these budget estimates were approved for presentation to the State Department of Finance, the Illinois Budgetary Commission, and the other state officials concerned.

REPORT OF THE COMMITTEE ON THE CHICAGO DEPARTMENTS

On behalf of Doctor Meyer, Chairman, Mr. Livingston presented the following report of a meeting of the Committee held in Chicago on October 23, 1950.

The Committee considered the revised construction budget for the proposed Men's Residence Hall and Faculty Apartment Building at the Chicago Professional Colleges. The revised budget was prepared by the Physical Plant Department as a result of the analysis of the bids received October 10, 1950.

The Committee decided after considering the construction budget of \$4,027,000 to notify the Medical Center Commission of the total funds needed. The Committee also decided to request the Medical Center Commission to arrange a conference with representatives of the Equitable Life Assurance Society, the Medical Center Commission, and the University to discuss the possibility of a lower interest rate and a longer period of amortization of the loan.

A letter sent to the Medical Center Commission by the Chicago Departments Committee is attached.

KARL A. MEYER, *Chairman*
PARK LIVINGSTON
FRANCES WATKINS

H. A. HAZLETON, Clerk

A signed copy of the letter sent to the Medical Center Commission and the signed copy of the Committee's report have been filed with the Secretary of the Board for record.

On motion of Mr. Livingston, the actions of the Committee were approved and it was authorized to proceed with conferences with the Medical Center Commission and the Equitable Life Assurance Society, as recommended.

CONVEYANCE OF LAND TO MEDICAL CENTER STEAM COMPANY

Mr. Livingston offered the following resolution prepared by Chapman and Cutler, Attorneys:

Resolved that the Board of Trustees of the University of Illinois, in furtherance of the purposes of the steam contract dated as of July 1, 1949, between Medical Center Steam Company and this Board, hereby authorizes, empowers and directs the President, Comptroller and the Secretary of this Board, in the name and on behalf of this Board, to execute and deliver to Medical Center Steam Company, an Illinois corporation, a warranty deed conveying to such Medical Center Steam Company the following described real estate, to wit:

Lots 1 to 6 inclusive, 8 to 15 inclusive and the North 4 inches of Lot 16, except from said Lots all that part thereof taken for Metropolitan Elevated Railroad Company, and all of Lot 18, all in Block 2 in Superior Court Commissioners Subdivision of Blocks 14, 15, 16 and 21 in the Assessors Division of the East Half of the Southeast Quarter of Section 18, Township 39 North, Range 14 East of the Third Principal Meridian.

Also

Lots 1, 2 and 3, except that part thereof taken for Metropolitan Elevated Railroad Company, and Lots 29, 30 and 31, all in Block 20 of S. H. Sweet's Resubdivision of Blocks 18, 19 and 20 in the Assessors Division above described.

On motion of Mr. Hickman, this resolution was adopted.

WAGE RATES TO BE SPECIFIED IN CONSTRUCTION CONTRACTS AT ROBERT ALLERTON PARK

(29) Officers of the Twin City Federation of Labor of Champaign-Urbana have requested that the Board of Trustees reconsider its action of September 29, 1950, on the report of the Fact-Finding Committee on wage rates to be paid for construction work at Robert Allerton Park. The Board voted to proceed according to the finding of the Committee that "the rates paid for work in the building trades and crafts in Piatt County, Illinois are subject to so much variation that it is not possible to establish single rates as prevailing."

Officers of the Twin City Federation of Labor already have had preliminary conferences with members of the Board of Trustees and other University officials. I recommend that the Board refer this matter to its Committee on Civil Service and Employees for further consideration in consultation with the Fact-Finding Committee.

On motion of Mr. Hickman, this matter was referred to the Committee on Civil Service and Employees, with Mr. Herrick added to the Committee for this special item of business.

ORDERS FOR CHANGES IN SECURITIES

(30) Under the rules of the Board, orders to the First National Bank of Chicago for changes in securities as authorized by the Board or the Finance Committee are to be signed by the Comptroller and the Secretary of the Board. The

Board has previously approved certain deputies to act for these officers. Because of changes in offices of the Comptroller and of the Secretary of the Board, new designations are needed. The Secretary of the Board requests adoption of the following resolution:

WHEREAS, under the rules of the Board of Trustees, orders for the purchase and sale of securities representing investments of endowment funds, addressed to the First National Bank of Chicago as safekeeping agent and investment counsel, are signed by the Comptroller and the Secretary of the Board; and

WHEREAS, it is desirable that deputies be appointed to act for these officers in emergency and during their absence;

Therefore, be it resolved that A. J. Janata, Secretary of the Board of Trustees, is authorized to delegate to Everett G. Smith, Executive Clerk in the President's Office, and Maude Archdeacon, Chief Clerk in the Board of Trustees' Office, authority to sign his name to orders for the purchase and sale of securities as approved by this Board or by its committees acting under due authority; and that Lloyd Morey, Comptroller, is authorized to delegate to C. C. DeLong and H. O. Farber authority to sign his name to such orders under the same circumstances.

On motion of Mr. Fornof, this resolution was adopted.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) declinations, resignations, cancellations, and terminations; (4) leaves of absence; (5) degrees conferred in October, 1950.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

- ALLEN, HARRY R., Assistant Professor, Architecture (Undergraduate Division in Chicago), six months beginning September 1, 1950, \$5000 a year (9-30-50).
 ANDERLIK, MRS. BARBARA C., Research Assistant, Chemistry (Graduate College), nine months beginning September 16, 1950, \$2385 (9-28-50).
 ANDERSON, MRS. HOLLIS P., Acquisition Assistant, Library, September 20, 1950-August 31, 1951, \$3000 a year (9-27-50).
 ARCHER, EDWARD J., Instructor, Social Sciences (Undergraduate Division in Chicago) (2/7), five months beginning September 1, 1950, \$90 a month (9-28-50).
 AXELROD, AUDREY J., Assistant, Clinical Speech (Otolaryngology) (Medicine), one year beginning September 1, 1950, \$2930 (9-28-50).
 BAMBERGER, ARRIE, Clinical Professor, Surgery (Medicine), indefinite tenure beginning September 1, 1950, without salary, supersedes (10-17-50).
 BEATTIE, JOHN W., Research Assistant, Radiology (Medicine), one year beginning September 1, 1950, \$3600 (9-28-50).
 BESEMAN, CHARLES A., Research Assistant, Bureau of Research and Service, one year beginning September 1, 1950, \$2800 (9-12-50).
 BICKNELL, FRANK J., Instructor, Pathology (Medicine) (3/4), seven months beginning September 1, 1950, \$3000 a year (9-28-50).
 BOLLINGER, EDWARD H., Research Assistant, Chemical Engineering (S), four months beginning October 1, 1950, \$260 a month (10-11-50).
 BROMBERG, MRS. RUTH L., Instructor, Pediatrics, and Clinical Psychologist (Medicine) (1/2), August 1, 1950-August 31, 1951, \$4000 a year (10-17-50).
 CHANG, PEH-LI, Research Assistant, Entomology (Graduate College), one year beginning September 1, 1950, \$2800 (9-28-50).
 DINKINES, FLORA, Instructor, Mathematics (Undergraduate Division in Chicago), five months beginning September 1, 1950, \$380 a month (10-12-50).
 DOTSON, MRS. FRANCES S., Research Assistant, Bureau of Economic and Business Research (Commerce and Business Administration) (47/100), and (Mechanical Engineering) (C) (53/100), one year beginning September 1, 1950, \$3200, supersedes (10-9-50).

- DOUGHERTY, DORA, Research Assistant, Psychology (Graduate College), nine months beginning October 1, 1950, \$4000 a year (10-6-50).
- DUBRUL, E. LLOYD, Assistant Professor, Oral Anatomy and Oral Surgery (Histology) ($\frac{1}{2}$), Oral and Maxillofacial Surgery ($\frac{1}{4}$), and in Postgraduate Studies ($\frac{1}{4}$) (Dentistry), September 15, 1950-August 31, 1951, \$6200 a year, supersedes (9-30-50).
- FEIN, GLORIA B., Research Assistant, Physiology (Medicine), one year beginning September 16, 1950, \$2930, supersedes (10-16-50).
- FORBES, JOHN L., Assistant, English (full time), September 16, 1950-January 31, 1951, \$1200, and ($\frac{2}{3}$), February 1-June 15, 1951, \$800, supersedes (10-17-50).
- FRANZBLAU, SANFORD A., Clinical Instructor, Medicine (Medicine) ($\frac{1}{2}$), eleven months beginning August 1, 1950, \$3600 a year, supersedes (10-16-50).
- FROMM, ARNO H., Assistant Professor, Hygiene, and Medical Adviser for Men (Health Service), eleven months beginning October 1, 1950, \$7000 a year (9-22-50).
- FUCHS, JACOB, Research Assistant, Chemistry (Graduate College), September 16, 1950-January 31, 1951, \$1462.50 (10-3-50).
- FUKUTO, TETSUO R., Research Assistant, Chemistry (Graduate College), nine months beginning October 1, 1950, \$2925 (10-6-50).
- FULTZ, MRS. SARAH M., Reserve House Director, ten months beginning September 1, 1950, \$1250 (9-28-50).
- GANNON, NORMAN, Research Assistant, Economic Entomology (Agriculture) and (Natural History Survey) (full time), September, 1950, and for three months beginning June 1, 1951, \$250 a month, and ($\frac{1}{2}$), eight months beginning October 1, 1950, \$125 a month (10-12-50).
- GASUL, BENJAMIN M., Assistant Professor, Pediatrics (Medicine) ($\frac{1}{2}$), eleven months beginning October 1, 1950, \$1800 a year, supersedes (10-6-50).
- GOLDWASSER, MOSES, Associate, Medicine (Medicine), and Consultant to Illinois Eye and Ear Infirmary ($\frac{1}{2}$), one year beginning September 1, 1950, \$1975, supersedes (10-16-50).
- GOODMAN, LAWRENCE E., Research Assistant Professor, Civil Engineering (S), and (Graduate College), one year beginning September 1, 1950, \$5400, supersedes (9-22-50).
- HALL, B. VINCENT, Associate Professor, Zoology ($\frac{1}{2}$), one year beginning September 1, 1950, \$2500, and (full time), indefinite tenure beginning September 1, 1951, to render service during each academic year, \$5000 a year, supersedes (10-4-50).
- HOWARD, JACK A., Assistant Professor, Marketing (Business Organization and Operation), two years beginning September 1, 1951, to render service during each academic year, \$4500 a year (10-14-50).
- HUMAN, MARY L., Research Assistant, Bacteriology (Graduate College), September 16, 1950-June 30, 1951, \$2660 (9-27-50).
- IVENS, MRS. J. LOREENA W., Assistant, Institute of Aviation, September 18, 1950-August 31, 1951, \$3000 a year (9-22-50).
- JAKES, BENJAMIN M., Instructor, Clinical Speech (Otolaryngology) (Medicine), one year beginning September 1, 1950, \$4000 (9-27-50).
- KEANE, MRS. MARGARET B., Assistant, Animal Science (S), eleven months beginning October 1, 1950, \$3200 a year (10-17-50).
- KELLER, SEYMOUR P., Instructor, Physical Sciences (Undergraduate Division in Chicago), five months beginning September 1, 1950, \$320 a month (9-28-50).
- KINTNER, PAUL M., Instructor, Electrical Engineering (C) ($\frac{1}{2}$), academic year beginning September 1, 1950, \$1700, supersedes (10-11-50).
- KNOCK, FRANCES E., Research Associate, Pharmacology (Medicine) ($\frac{1}{2}$), three months beginning September 1, 1950, \$250 a month (9-28-50).
- KNODELL, JOHN D., JR., Instructor, Business Law (Business Organization and Operation), academic year beginning September 1, 1950, \$3300, supersedes (9-28-50).
- KOCH, FAITH C., Instructor, Occupational Therapy (Physical Medicine and Rehabilitation) (Medicine), one year beginning September 1, 1950, \$3600 (9-28-50).
- KOKEN, JOHN C., Research Assistant, Mathematics (Graduate College), one year beginning September 1, 1950, \$4800 (10-17-50).

- KRASNOW, SHELDON E., Clinical Assistant, Medicine (Medicine), one year beginning September 1, 1950, without salary (10-16-50).
- KYLE, ROBERT H., Clinical Assistant, Medicine (Medicine), one year beginning September 1, 1950, without salary (10-6-50).
- LAZAR, HARRY, Clinical Assistant, Medicine (Medicine), eleven months beginning October 1, 1950, without salary (10-5-50).
- LEPPER, MARK H., Clinical Associate Professor, Preventive Medicine (Medicine), August 1, 1950-August 31, 1951, without salary, supersedes (9-30-50).
- LEWENSTEIN, MORRIS, Instructor, Education ($\frac{1}{2}$), and Supervisor of Student Teaching (University Council on Teacher Education) (1/10), academic year beginning September 1, 1950, \$2400 (10-4-50).
- LIU, CHANG K., Research Associate, Theoretical and Applied Mechanics (S), eleven months beginning October 1, 1950, \$4200 a year (10-12-50).
- MALM, WILLIAM P., Instructor, Music ($\frac{2}{3}$), and in Physical Education for Women ($\frac{1}{3}$), academic year beginning September 1, 1950, \$3750, supersedes (10-4-50).
- MARCUS, RICHARD E., Assistant Professor, Otolaryngology (Medicine) (9/10), one year beginning September 1, 1950, \$4880, supersedes (9-30-50).
- MARIENFELD, CARL J., Instructor, Pediatrics (Medicine) ($\frac{1}{2}$), one year beginning September 1, 1950, \$3000 (9-28-50).
- MARSHALL, MILLARD R., Instructor, Anatomy (Medicine) ($\frac{1}{2}$), ten months beginning October 1, 1950, \$1500 a year (10-16-50).
- MAYNARD, DONALD E., Clinical Assistant, Medicine (Medicine), eleven months beginning October 1, 1950, without salary (10-7-50).
- MYLONAS, CONSTANTINE, Research Associate, Civil Engineering (S), one year beginning January 1, 1951, \$4000 (9-22-50).
- NALBANDOV, MRS. OLGA, Research Associate, Physiology (Graduate College), one year beginning December 1, 1950, \$4000 (10-17-50).
- NAU, ROBERT H., Assistant Professor, Electrical Engineering (C) ($\frac{1}{4}$), academic year beginning September 1, 1950, \$1050, supersedes (10-11-50).
- NOVAK, MILAN V., Professor, Bacteriology, and Head of the Department (Medicine), and Bacteriologist-in-Chief (Research and Educational Hospitals) (91/100), indefinite tenure, and Associate Dean of the Graduate College (Chicago Professional Colleges) (9/100), one year beginning September 1, 1950, \$11,000 a year, supersedes (9-22-50).
- NYSTROM, ROBERT F., Assistant Professor, Chemistry (Graduate College), one year beginning September 1, 1950, \$6000, supersedes (10-14-50).
- OLLER, KATHRYN, Assistant, Library Science, September 16, 1950-January 31, 1951, \$1400, supersedes (9-28-50).
- PALUBINSKAS, FELIX S., Research Assistant, Physics (C), eleven months beginning October 1, 1950, \$3240 a year (9-22-50).
- PELTZ, RICHARD W., Instructor, Philosophy, five months beginning September 1, 1950, \$1500 (10-4-50).
- PILOT, ISADORE, Associate Professor, Medicine (Medicine) (11/100), indefinite tenure beginning September 1, 1950, \$672 a year, supersedes (10-4-50).
- PLACEK, CHESTER, Research Assistant, Physiology (Medicine), one year beginning September 16, 1950, \$2930, supersedes (10-16-50).
- POLK, IRL H., Supervising Engineer, Institute of Aviation, October 15, 1950-August 31, 1951, \$6200 a year (9-30-50).
- PRESS, EUGENE G., Instructor, Hospital Pharmacy (Pharmacy) ($\frac{1}{2}$), September 15, 1950-August 31, 1951, \$2000 a year (10-11-50).
- PRICE, PAUL W., Instructor, Music (Music) ($\frac{3}{4}$), and (Bands) ($\frac{1}{4}$), academic year beginning September 1, 1950, \$3400, supersedes (10-4-50).
- RIEDEL, PAUL H. R., Instructor, Foreign Languages (Undergraduate Division in Chicago) ($\frac{1}{2}$), five months beginning September 1, 1950, \$160 a month (10-4-50).
- ROACH, MRS. CAROL R., Assistant, Speech, nine months beginning September 16, 1950, \$2800 (10-4-50).
- ROBINSON, JAMES K., Research Assistant to the Committee on Admissions from Secondary Schools, September 20, 1950-August 31, 1951, \$3000 a year (10-4-50).
- RODIA, JACOB S., Assistant, Chemistry (Pharmacy), September 15, 1950-June 30, 1951, \$260 a month (10-3-50).

- SAPHIR, OTTO, Clinical Professor, Pathology (Medicine) (15/100), one year beginning September 1, 1950, \$1200, supersedes (10-12-50).
- SCHOEN, ELIZABETH E., Research Assistant, Bacteriology (Graduate College), September 16, 1950-August 31, 1951, \$3000 a year (10-4-50).
- SILBERG, SIDNEY S., Instructor, General Engineering Drawing (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$4650, and Staff Counselor (Student Counseling Bureau) with additional compensation of \$500 a year, supersedes (10-4-50).
- SKOLNIK, EMANUEL, Instructor, Otolaryngology (Medicine) ($\frac{1}{2}$), and Otolaryngologist to the Cleft Palate Program (Division of Services for Crippled Children) ($\frac{1}{2}$), one year beginning September 1, 1950, \$3660, supersedes (10-16-50).
- SMITH, DONALD W., Acting Supervisor, Visual Aids Service, with the rank of Instructor, September 25, 1950-August 31, 1951, \$4500 a year (9-28-50).
- SMITH, JAMES H., Instructor, Physics (C), six months beginning February 1, 1951, \$350 a month (10-17-50).
- STERN, HARRIET R., Assistant, Entomology (Graduate College), nine months beginning September 16, 1950, \$2400 (10-10-50).
- STUERMER, RAY, Assistant Professor, Architecture (Undergraduate Division in Chicago) ($\frac{1}{2}$), academic year beginning September 1, 1950, \$3000, supersedes (10-17-50).
- SWITZER, PERRY R., Instructor, Foreign Languages (Undergraduate Division in Chicago) ($\frac{3}{4}$), five months beginning September 1, 1950, \$255 a month (10-4-50).
- SZMYD, M. A., Instructor, Full and Removable Partial Dentures (Dentistry) ($\frac{1}{2}$), one year beginning September 1, 1950, \$1830, supersedes (9-27-50).
- TEPLITZ, ZELDA, Instructor, Pediatrics (Medicine) ($\frac{1}{2}$), August 1, 1950-August 31, 1951, \$5000 a year, supersedes (10-17-50).
- TINSLEY, CLYDE H., Flight Instructor, Institute of Aviation, eleven months beginning October 1, 1950, \$4000 a year (10-3-50).
- WARREN, MRS. ELAINE R., Research Assistant, Bureau of Institutional Research, eleven months beginning October 1, 1950, \$2930 a year (10-19-50).
- WEIR, EDWARD C., Instructor, Education ($\frac{1}{2}$), and Supervisor, Student Teaching (University Council on Teacher Education) ($\frac{1}{10}$), academic year beginning September 1, 1950, \$2400 (10-4-50).
- WESTON, JANET L., Assistant Professor, Economics ($\frac{1}{2}$), and Counselor (Student Counseling Bureau) ($\frac{1}{2}$), academic year beginning September 1, 1950, \$4800, supersedes (9-28-50).
- WOHLER, WILMA, Instructor, Education (University High School) ($\frac{1}{2}$), academic year beginning September 1, 1950, \$1700, supersedes (9-22-50).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- BOLLINGER, FREDERICK W., Phyllis Pierce Ruettinger Memorial Research Fellow, Pathology (Medicine), one year beginning October 1, 1950, \$3600 (10-6-50).
- BURNS, RICHARD O., JR., Research Fellow, Physiology (Medicine), September 16-December 31, 1950, \$208.33 a month (10-4-50).
- GORDON, ARCHER S., American National Red Cross Research Fellow, Clinical Science (Medicine), one month beginning September 1, 1950, \$150 (10-4-50).
- GRUBGELD, LESTER E., Lakeland Foundation Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1950, \$1800 (9-27-50).
- HALVORSON, HARLYN O., United States Public Health Service Fellow, Bacteriology, nine months beginning September 16, 1950, \$1200 (9-27-50).
- HAWKINS, WILLIAM B., Rockefeller Foundation Fellow, Entomology, one year beginning October 1, 1950, \$1500 (10-18-50).
- KALSER, MARTIN, United States Army Air Force Research Fellow, Clinical Science (Medicine), August 1, 1950-August 31, 1951, \$2400 a year (10-5-50).
- KENNADY, JOHN C., Roche Fellow, Pharmacology (Medicine), nine months beginning October 1, 1950, \$1350 (10-17-50).
- KIM, KWANG-SUH, G. D. Searle Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1950, \$1800 (9-28-50).

- KOBRIN, HENRY, National Institute of Health Research Fellow, Clinical Science (Medicine), eleven months beginning October 1, 1950, \$900 a year (10-6-50).
- LABOW, JULIEN A., Toni Company Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1950, \$2160 (10-17-50).
- LANE, ARDELLE, National Cancer Institute Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1950, \$1800 (9-27-50).
- LEGATOR, MARVIN, Upjohn Company Fellow, Horticulture, one year beginning September 1, 1950, \$1200 (9-20-50).
- LITTMAN, ARMAND, G. D. Searle Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1950, \$1800 (9-27-50).
- MACKENZIE, AUDREY H., Upjohn Company Fellow, Horticulture, one year beginning September 1, 1950, \$1200 (9-20-50).
- MUEHRCKE, ROBERT C., Armour Laboratory Research Fellow, Medicine (Medicine), nine months beginning October 1, 1950, \$1200 a year (10-11-50).
- PACKARD, DOUGLAS K., Upjohn Company Research Fellow, Surgery (Medicine), nine months beginning July 1, 1950, \$1800 a year (10-17-50).
- POWERS, WILLIAM E., Bristol Research Fellow, Pharmacology (Medicine), three months beginning October 1, 1950, \$125 a month (9-27-50).
- RAYMON, FRANK, JR., American National Red Cross Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1950, \$1800 (10-16-50).
- ROSIERE, CHARLES E., Atomic Energy Commission Research Fellow, Clinical Science (Medicine), eleven months beginning October 1, 1950, \$900 a year (10-6-50).
- ROTMAN, MARCOS B., United States Public Health Service Fellow, Bacteriology, nine months beginning September 16, 1950, \$1200 (9-27-50).
- SREEBNY, LEO M., Research Fellow, Pathology (Medicine), eleven months beginning October 1, 1950, \$318.18 a month, supersedes (10-6-50).
- STERNBURG, JAMES G., Rockefeller Foundation Fellow, Entomology, one year beginning October 1, 1950, \$2400 (10-18-50).
- WILLIAMS, HARRY L., Research Fellow, Pharmacology (Medicine), four months beginning October 1, 1950, \$150 a month (10-11-50).

DECLINATIONS, RESIGNATIONS, CANCELLATIONS, AND TERMINATIONS

- AHERN, ROBERT E., Instructor, Mechanical Engineering (C) — declination effective 9-1-50.
- BRILL, RICHARD G., Assistant Professor, Education — resignation effective 3-1-51.
- BROCKWAY, DORIS, Associate Professor, Home Economics (C) — resignation effective 1-1-51.
- BROWN, WILLIAM B., Research Assistant, Psychology (Graduate College) — resignation effective 10-1-50.
- DAVID, MRS. GRACE, Reserve House Director — declination effective 9-1-50.
- DYER, EVOLYN, Instructor, Clinical Speech (Otolaryngology) (Medicine) — resignation effective 9-1-50.
- EDMAN, GEORGE J., Assistant Professor, Dairy Technology (Food Technology) (C), and (Division of University Extension) — declination effective 9-1-50.
- EYMAN, EARL D., Fellow, Physics — resignation effective 9-16-50.
- FARNHAM, RUTH M., Veterans Benefits Administrator (Division of Special Services for War Veterans) (Undergraduate Division in Chicago) — termination effective 7-1-50.
- FROMM, ARNO H., Assistant Professor, Hygiene, and Medical Adviser for Men (Health Service) — declination effective 10-1-50.
- FRYE, B. J. C., Assistant, English — resignation effective 9-16-50.
- KARANTH, K. PARAMESHWAR, Postdoctoral Fellow, Chemistry — resignation effective 9-16-50.
- KREBS, MARGARET E., Instructor, Social Welfare Administration — resignation effective 10-1-50.
- LAWRENCE, NATHANIEL M., Instructor, Philosophy — resignation effective 9-1-50.
- NEWBY, GEORGE E., JR., Instructor, General Engineering Drawing (Undergraduate Division in Chicago) — declination effective 9-1-50.
- PARDUE, DONALD R., Flight Instructor, Institute of Aviation — resignation effective 9-27-50.

- PENNINGTON, LEON A., Associate Professor, Psychology — resignation effective 9-16-50.
- PHILLIPS, EDWARD L., Assistant Professor, Labor and Industrial Relations (Division of University Extension) and (Institute of Labor and Industrial Relations) — resignation effective 10-16-50.
- PYENSON, HARRY, Assistant Professor, Dairy Technology (Food Technology) (C), and (Division of University Extension) — declination effective 9-1-50.
- ROSS, ROBERT M., Instructor, Chemistry — resignation effective 9-1-50.
- SAINATI, EDWARD, Fellow, French — resignation effective 9-16-50.
- SÁNCHEZ, LUIS A., Visiting Professor, Spanish — cancellation effective 9-1-50.
- SPEER, JOHN F., Assistant, English — declination effective 9-16-50.
- TOMLINSON, ALFRED E., Instructor, Journalism and Communications — declination effective 9-1-50.
- WYNN, BONNIE J., Assistant Head Resident, Lincoln Avenue Residence (North Half) — declination effective 9-1-50.
- ZIMMERLY, PHILIP C., Instructor, Business Law (Business Organization and Operation) — declination effective 9-1-50.

LEAVES OF ABSENCE

- JAMES, VIOLA L., Instructor, Library Science — leave of absence, without salary, March 1-August 31, 1951.
- ROBINSON, CLARK S., Research Assistant Professor, Physics (C) — leave of absence, with full pay, September 25, 1950, and continuing as long as may be necessary up to a maximum of six weeks.

DEGREES CONFERRED OCTOBER 16, 1950

Summary

Degrees in the Graduate College:

Doctor of Philosophy.....	71
Master of Education.....	1
Master of Social Work.....	3
Master of Arts.....	19
Master of Science.....	53
Master of Music.....	1
<i>Total, Graduate College.....</i>	<i>(148)</i>

Baccalaureate Degrees:

Bachelor of Arts, College of Liberal Arts and Sciences.....	6
Bachelor of Science, College of Liberal Arts and Sciences.....	3
Bachelor of Science, College of Education.....	1
Bachelor of Science, College of Commerce and Business Administration...	3
Bachelor of Science, College of Fine and Applied Arts.....	3
Bachelor of Science, Division of Special Services for War Veterans.....	2
<i>Total, Baccalaureate Degrees.....</i>	<i>(18)</i>
<i>Total, Degrees Conferred.....</i>	<i>166</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

JAMES OWEN EATON, B.S., M.S., 1937, 1947

In Agricultural Economics

EMER ELWOOD BROADBENT, B.S., M.S., Utah State Agricultural College, 1942, 1948
GLENN WILLIAM FREEMYER, B.S., Purdue University, 1937; M.S., 1939
SHERMAN THEODORE RICE, B.S., M.S., 1943, 1948

In Agronomy

LOYAL FREDERICK BAUMAN, B.S., M.S., 1946, 1947
JOHN NEWTON CARTER, B.S., University of Missouri, 1943; M.S., 1948

In Bacteriology

MURRAY SAM COOPER, B.S., City College of New York, 1947; M.S., 1948
LOUIS R. FINA, A.B., M.S., 1943, 1948
DUANE THAYER MAUNDER, B.S., M.S., 1947, 1948
WALTER ANTHONY ZYGMUNT, B.S., M.S., 1947, 1948

In Botany

ADRIAN WILLIAM POITRAS, B.S., M.S., 1940, 1947

In Chemical Engineering

ROBERT McLEAN ADAMS, B.S., M.S., 1943, 1944
WILLIAM MUNRO CAMPBELL, A.B., University of Toronto, 1938; M.S., Case School of Applied Science, 1940
ERNEST WESLEY MELLOW, B.S., M.S., University of Missouri, 1940, 1946

In Chemistry

CLAIRE KRAIMAN BLUESTEIN, A.B., University of Pennsylvania, 1947; M.S., 1948
GEORGE HILGARD BURNETT, A.B., 1947
GEORGE ROBERT CORAOR, A.B., Illinois College, 1947; A.M., 1948
HARRY ALBERT DEWALT, JR., A.B., Temple University, 1947; A.M., 1948
GUNTHER LOUIS EICHORN, A.B., University of Louisville, 1947; M.S., 1948
CHARLES WILLIAM FAIRBANKS, B.S., M.S., Wichita University, 1940, 1947
WALTER JOSEPH FRAJOLA, B.S., Hamline University, 1938; M.S., 1947
NORMAN HOWARD GRANT, Ph.B., B.S., University of Chicago, 1946, 1947; M.S., 1948
MARSHALL RAYMOND HATFIELD, B.S., 1947
JOSEPH PEARSON HUSELTON, B.S., Lafayette College, 1937; M.S., 1947
DALE EDWARD JACKSON, A.B., 1944
HARRY FREY KAUFFMAN, JR., B.S., University of Virginia, 1941
ROGER ERDMAN KOEPPE, A.B., Hope College, 1944; M.S., 1947
MELVIN IRA KOHAN, A.B., Harvard University, 1942
PAUL KOHN, B.S., Rutgers University, 1941; M.S., 1948
ALAN LINDSEY McCLELLAND, B.S., Northwestern University, 1945
JOHN JERRY ONDREJCIN, B.S., University of Chicago, 1944; M.S., 1948
HAROLD ROSENBERG, B.S., Roosevelt College, 1945; M.S., 1947
GEORGE JULIAN ROTARIU, B.S., M.S., University of Chicago, 1939, 1940
WARD BEECHER SCHAAP, B.S., Wheaton College, 1944; M.S., 1948
THOMAS JAMES SWOBODA, B.S., University of Wisconsin, 1943
KAZUO HORACE TAKEMURA, B.S., University of California, 1947; M.S., 1948
HAROLD JOHN WATSON, A.B., Princeton University, 1944; A.M., 1948

In Civil Engineering

MILTON OTTO SCHMIDT, B.S., M.S., University of Wisconsin, 1938, 1941

In Clinical Psychology

KENNETH C. JOST, A.B., A.M., 1940, 1941

In Dairy Technology

JOHN JOSEPH SHEURING, B.S., M.S., 1940, 1942

In Economics

EDWIN EUGENE LIEBHAFSKY, B.S., M.S., Agricultural and Mechanical College of Texas, 1947, 1948
TU TU, A.B., A.M., National Central University, 1943, 1945

In Electrical Engineering

MUNRO KING HAYNES, B.S., University of Rochester, 1947; M.S., 1948
CHI-YUNG LIN, B.S., National Central University, 1942; M.S., Oregon State College, 1948

In English

- JOHN BIGELOW LORD, A.B., A.M., 1939, 1947
 FREDRIC JOHN MOSHER, A.B., A.M., University of North Dakota, 1934, 1935
 SISTER MARY ALPHONSA CARPENTER, A.B., College of St. Catherine, 1922; A.M.,
 St. Louis University, 1938
 DAVID ALLEN SPERRY, A.B., A.M., 1940, 1941
 EUGENE WHITE, B.S., A.M., 1946, 1947
 HELEN IAMS WROTEN, B.S., M.S., Kansas State Agricultural College, 1939, 1941

In Entomology

- GORDON LAWRENCE BENDER, B.S., Iowa State College, 1940; M.S., University of
 Wisconsin, 1941

In German

- RICHARD JAY DONEY, A.B., A.M., 1940, 1947

In History

- JOHN BISSELL McCANN, A.B., A.M., 1939, 1941
 GEORGE PASTI, JR., B.S., Northwestern University, 1946; A.M., 1947
 GEORGE ARTHUR ROGERS, A.B., Illinois College, 1940; A.M., 1947

In Mathematics

- RALPH LOWELL CALVERT, A.B., Southwestern College, 1937; A.M., 1938

In Physical Education

- ALFRED WILLIAM HUBBARD, A.B., A.M., Oberlin College, 1929, 1937
 BENJAMIN HENRY MASSEY, A.B., Erskine College, 1938; M.S., 1947
 NICOLAAS BENJAMIN STRYDOM, B.Ed., University of Stellenbosch, 1945; M.S., 1948
 JACOB GROVE WOLF, B.S., George Williams College, 1938; M.S., 1947

In Physics

- RALPH WILLIAM DRESSSEL, B.S., Union College, 1944
 LLOYD GODFREY MANN, B.S., Worcester Polytechnic Institute, 1944; M.S., 1947
 WALTER STEUBER, A.B., Swarthmore College, 1941; M.S., 1948

In Political Science

- ALVIN LEROY BENNETT, B.Ed., Western Illinois State Teachers College, 1939;
 A.M., 1946
 JOHN HOBART MILLETT, A.B., Beloit College, 1940; A.M., University of Cincinnati,
 1942

In Psychology

- ROBERT GLENN DEMAREE, B.S., A.M., 1941, 1948
 STANLEY NELSON ROSCOE, A.B., Humboldt State College, 1943; M.S., 1947

In Spanish

- BERNARD MARTIN DULSEY, A.B., A.M., University of Chicago, 1938, 1939
 ELBERT WINFRED RINGO, A.B., Park College, 1927; A.M., Middlebury College, 1929
 EVELYN ESTHER UHRHAN, A.B., A.M., Florida State University, 1941, 1947
 HENSLEY CHARLES WOODBRIDGE, A.B., College of William and Mary, 1943; A.M.,
 Harvard University, 1946

Professional Degrees*Degree of Master of Education*

- BERTIS EVERETT CAPEHART, A.B., DePauw University, 1935; A.M., 1940

Degree of Master of Social Work

- JUNE LUCILLE ELL, A.B., 1947
 BLOSSOM ROCHELLE MARSHAK, B.S.S., University of Chicago, 1947
 RAY LEON RICHARDSON, B.S., Hampton Institute, 1948

Degree of Master of Arts*In Economics*

ROBERT EMMANUEL FOX, A.B., 1949

HERBERT EUGENE JOHNSON, B.Ed., M.S., Southern Illinois University, 1939, 1947

In Education

JAMES OTHEL AUSTIN, JR., B.S., 1949

PEARL RUTH SABATH SHANKER, A.B., 1948

In English

LETA SHERMAN BAXTER, A.B., Indiana University, 1923

VIRGINIA WHITE ORAM, A.B., University of Toledo, 1948

FRANK JOSEPH SKOFF, B.S., 1939

In French

JOANNE BOSTROM COMMANDAY, A.B., Augustana College, 1948

In History

ARTHUR WILLIAM JONES, A.B., Greenville College, 1949

ROLAND CARL OERTEL, A.B., James Millikin University, 1948

ELWIN WILBER SIGMUND, B.S., Milwaukee State Teachers College, 1947

In Labor and Industrial Relations

THOMAS VANCE GILPATRICK, B.S., 1948

RAMON ERIBERTO RIVERA, B.S., 1949

In Mathematics

ROSE DE LIMA LARIVIERE, A.B., McGill University, 1913

In Political Science

J. GUS LIEBENOW, JR., A.B., 1949

HARRIET MARTHA SHEDD, A.B., Pomona College, 1949

In Sociology

JOHN PLUME REED, A.B., Tulane University, 1947

HUBERT CLYDE WILSON, A.B., 1949

In Speech

KING WOODARD BROADRICK, A.B., Arizona State College, 1940; LL.B., University of Virginia, 1948

Degree of Master of Science*In Accountancy*

LAURENCE JAMES WADE, JR., B.S., 1949

In Aeronautical Engineering

JOHN MILTON SENNEFF, B.S., 1949

In Agricultural Economics

ROYCE ARMAND HINTON, B.S., 1949

SVEN GUSTAV ZACHRISON, Agronomist Diploma, Royal Agricultural University, 1947

In Agricultural Engineering

ALIMOHAMED ABDULKARIM MEMON, B.S., Bombay University, 1938; B.S., 1950

In Botany

CHARLES CLIFTON MULLEN, B.S., Eastern Illinois State College, 1949

In Chemical Engineering

JAMES DEHAVEN BATCHELOR, B.Ch.E., University of Virginia, 1948

WALTER STEVEN KMAK, B.S., Pennsylvania State College, 1949

DAVID LEE MCKINLEY, A.B., Allegheny College, 1949; B.S., Carnegie Institute of Technology, 1949

WILLIAM LOUIS MINARIK, B.Ch.E., University of Minnesota, 1949

In Chemistry

RICHARD WILLIAM BECKER, B.S., Canisius College, 1949
THOMAS ROLAND, B.S., 1949

In Civil Engineering

FOUAD MOHAMAD ABDUL-BAKI, B.S., American University, 1947
CHARLES STEELMAN DANNER, B.S., 1947

In Clinical Psychology

ELIZABETH LOGAN MCDANIEL, A.B., University of California, 1948

In Dairy Science

LEO RAY FRYMAN, B.S., 1948
ARNOLD NORMAN MOELLER, B.S., 1949
HENRY FREDERICK MUELLER, B.S., 1948

In Economics

CLARENCE THOMAS HAWORTH, B.S., 1949

In Education

ESTHER ANDERSON BLACK, B.S., Columbia University, 1936
EDITH BELLE REDFIELD, B.S., Olivet Nazarene College, 1944
CARL WAYNE VINYARD, B.S., 1947

In Electrical Engineering

ROBERT HARVEY BRUNNER, B.S., 1949
MILTON LUTHER EMBREE, B.S., 1949

In Entomology

NORMAN WILLISTON EARLE, B.S., 1949
GLENN ALOIS ULRICH, B.S., 1949

In Geology

PHILLIP JENE LANE, A.B., Indiana University, 1949
WILLIAM HORN SMITH, B.S., 1949

In Home Economics

ALICE JUNG LIU CHEN, B.S., National Central University, 1947

In Journalism

GEORGE ROGER SEFERSHAYAN, B.S., 1948

In Library Science

BEULAH ANN COUNTS, A.B., Park College, 1932; B.S.(L.S.), University of Southern California, 1944
RUTH CULVER DICKINSON, A.B., University of Iowa, 1937
BETTY JANE DUNCANSON FAWVER, B.Ed., Illinois State Normal University, 1943;
B.S.(L.S.), 1946

In Management

HERBERT WARREN BLACK, A.B., University of Redlands, 1949
ALGERNON MILLER SARGENT, A.B., Illinois College, 1948

In Marketing

LYLE EDWIN BALL, B.S., Illinois State Normal University, 1949

In Mechanical Engineering

FAHIR BASCI, B.S., 1949

In Mining and Metallurgical Engineering

KEVIN BEGGAN, B.S., Newark College of Engineering, 1943

In Physical Education

EARL FRED FOX, B.S., 1947
AIX BARNARD HARRISON, B.S., 1949

In Physics

PAUL HENRY LATIMER, B.S., Northwestern University, 1949

In Physiology

MYRON GILBERT, B.S., Kent State University, 1949

BRUCE WAYNE PINC, B.S., Northwestern University, 1949

In the Teaching of Biological Sciences and General Science

GROVER JACKSON NORWOOD, A.B., Washington University, 1934

In the Teaching of Mathematics

GEORGE CLAY RAGLAND, B.S., Southern Illinois University, 1946

In Theoretical and Applied Mechanics

WILLIAM ROBERT STAPLES, B.S., University of Saskatchewan, 1942

In Zoology

BERNARD BERNE, B.S., 1949

LAWRENCE EDWARD FEIGHTNER, B.S., North Central College, 1949

STANLEY EDWARD LELAND, JR., B.S., 1949

ALFRED SOY CHOU LING, A.B., Princeton University, 1948

BERTRAM HERBERT MARX, A.B., New York University, 1949

DOMENICO JOSEPH NERI, B.S., 1949

WILLIAM FRANKLIN PRATT, A.B., Ohio Wesleyan University, 1948

Degree of Master of Music

MARY ELIZABETH MAYHEW, B.Mus., 1946

COLLEGE OF LIBERAL ARTS AND SCIENCES**Degree of Bachelor of Arts***In Liberal Arts and Sciences*

JACKSON IRVING COPE

DONALD FRANK SANDNER

IRENE LEOPOLDINE KRENN

FRANCIS WILLIAM SULLIVAN

JOHN GOULD RAFFENSPERGER

ANITA EDWINA THURMAN

Degree of Bachelor of Science*In Liberal Arts and Sciences*

RICHARD WILLIAM STUTE

In Speech Correction

ELMA LASSITER MILLER

In the Teaching of Biological Sciences and General Science

WILLIAM JOSEPH DEMBSKI, JR.

COLLEGE OF EDUCATION**Degree of Bachelor of Science***In Education*

MARY JANE HARRINGTON SAUNDERS

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Banking and Finance*

PAUL JOSEPH DOEBEL, JR., with High Honors

ROBERT JOHN ALVER *In Industrial Administration*
DONALD EDGAR CARLSON *In Management and Marketing*

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

ROBERT JAMES CURTIS *In Architectural Engineering*
EDWARD HOPKINS HEALEY *In Architecture* JOHN MOORE HICKMAN

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

WILLIAM THOMAS CLANCY JOHN EDWIN NERGARD

The Board adjourned to meet on call of the President.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

November 24, 1950



The November meeting of the Board of Trustees of the University of Illinois was held at the LaSalle Hotel, Chicago, Illinois, on Friday, November 24, 1950, beginning at 10:30 a.m.

When the Board convened, the following members were present: Mr. Fornof, Mr. Herrick, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Doctor Meyer, Mr. Nickell, Mrs. Watkins.

President Stoddard was present; also Provost C. R. Griffith, Vice-President A. C. Ivy, Comptroller Lloyd Morey, Mr. J. F. Wright, Director of Public Information, and Mr. A. J. Janata, Secretary of the Board.

EXECUTIVE SESSION

On motion of Mr. McLaughlin, Mr. Fornof was elected Temporary Chairman of the meeting to serve until the arrival of President Williamson.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following recommendations and reports presented by President Stoddard.

RELEASE OF DISCOVERY OF SKIN HEATER

(1) Dr. Victor Guillemin, Jr., Professor of Biophysics and Biophysicist in the Aeromedical and Physical Environment Laboratory at the College of Medicine, reports the design of a "skin heater" which is intended to aid in the diagnosis of cancer; it has certain other applications.

It is the recommendation of the University Research Board that the invention be released to the inventor. In support of its recommendation, the Research Board states that "The electrical circuit described is not unique and such circuits are commonly used by physicists. The only uniqueness would be in putting the circuit into a box with appropriate external features for use clinically. According to advice received by the Board, the method of diagnosis of cancer by differential temperature sensitivity is non-specific and indicative only."

I concur.

On motion of Doctor Meyer, this invention was released to the inventor, as recommended.

PATENT APPLICATION ON FEED GRINDER

(2) Mr. Murray W. Forth, Assistant in Agricultural Engineering, reports that he has designed and constructed a hammermill feed grinder which has some novel features. The University Research Board has considered this discovery and recommends that it be released to Mr. Forth. It is not, in the judgment of the Research Board, a machine the University is equipped to develop. The Board holds there is not sufficient novelty in this design to justify the expense of prosecuting a patent application.

I concur in the recommendation of the Research Board that the discovery be released to Mr. Forth.

On motion of Mr. Livingston, this invention was released to the inventor, as recommended.

INVENTION OF PORTABLE, COLLAPSIBLE BLEACHER

(3) Professor F. R. Steggerda of the Department of Physiology, College of Liberal Arts and Sciences, and Mr. Ivan Danhof, Research Assistant in Physiology, have constructed a portable, collapsible bleacher which is particularly useful for small group demonstrations. Professor Steggerda is of the opinion that this invention might be developed into something practical.

The University Research Board has considered the question of patentability and recommends that the invention be released to the inventors.

I concur.

On motion of Mr. Livingston, this discovery was released, as recommended.

At this point, Mr. Williamson took his place with the Board and presided.

PURCHASE OF PROPERTY IN URBANA

(4) It is recommended that the following properties in Urbana be purchased for the purposes indicated:

708 South Mathews Avenue, Urbana.....\$63 125

This is a lot 62.5 feet by 130 feet at the northeast corner of Nevada and Mathews. The house on it is of brick construction built about thirty

years ago by a sorority and will house thirty-four students. It is now operated as a student rooming house. The owner has agreed to sell all of the existing furnishings for approximately \$2,000.

The property is in the area of future campus expansion and in the meantime it could be used to provide additional quarters needed by the School of Music. The property has been appraised by two local real estate brokers at \$57,500. The owner is unwilling to sell at the appraised value because she recently received two offers of \$65,000 but at a time when she was not willing to sell. She has since indicated willingness to accept a price of \$63,125, the University to take possession at the beginning of the second semester of 1950-1951. Because of its location the University would be justified in paying a price in excess of the appraised value. The house would be assigned, for the present, to the School of Music as an annex to Smith Music Hall to provide additional classrooms and practice rooms which are greatly needed.

1204 West Oregon Street, Urbana.....\$36 400

This is a lot 50 feet by 157 feet on which there are two houses of frame construction, one of sixteen rooms plus three basement rooms and a small three-room house. This property is in the block bounded by California Avenue on the north, Mathews Avenue on the west, Oregon Street on the south, and Goodwin Avenue on the east, which is also an area of future campus expansion. The property at 1204 West Oregon adjoins a University property at the north. In the meantime, the house could be used for student housing.

The property has been appraised by two local real estate brokers at \$35,000. The owner originally asked \$40,000 but in subsequent negotiations reduced the price to \$36,400, the University to take possession at the beginning of the second semester of 1950-1951.

The acquisition of these properties will require an appropriation of:

708 South Mathews Avenue, Urbana.....	\$63 125	
For contingencies.....	300	\$ 63 425
1204 West Oregon Street, Urbana.....	36 400	
For contingencies.....	350	36 750
Total		\$100 175

Additional funds will be required for remodeling and a separate appropriation, based upon firm estimates of cost, will be requested later.

I recommend that these properties be purchased and that an appropriation of \$100,175 be made from the General Reserve Fund for the purchase of these properties, and an appropriation of \$8,640 be made from the General Reserve Fund for the purchase of equipment for the School of Music to be installed in the house at 708 South Mathews Avenue as an annex to Smith Music Hall.

On motion of Doctor Meyer, the purchase of these properties and equipment was authorized, and an appropriation of \$108,815 was made from the General Reserve Fund by the following vote: Aye, Mr. Forno, Mr. Herrick, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Doctor Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Mr. Stevenson.

LEGAL SERVICES IN THE CERTIFIED PUBLIC ACCOUNTANT LITIGATION CASE OF CHATKIN VS. THE UNIVERSITY OF ILLINOIS

(5) The University is a defendant in proceedings in the Circuit Court of Cook County (No. 48C327, Chatkin and Tondrow vs. the University of Illinois and the Director of the State Department of Registration and Education) in which the issue involved is the constitutionality of the Illinois Accountancy Act of 1943.

This litigation was started almost three years ago while Professor William E. Britton was Legal Counsel. He is the attorney of record for the University, along with the Attorney General of Illinois who represents the Director of the Department of Registration and Education, codefendant, and two Chicago law firms representing the Illinois Society of Certified Public Accountants and the Public Accountants Association of Illinois, interveners.

The case was set for trial on November 13, 1950. Professor Britton is prepared to proceed as attorney for the University for the present. The litigation may extend over a long period of time and it may go to the Supreme Court.

I, therefore, recommend that the Board authorize a special committee to employ the counsel and to approve the fee structure.

On motion of Mr. Nickell, this matter was referred to a special committee consisting of Messrs. Herrick, Chairman, Hickman, and Livingston, with power to act.

APPEARANCE OF THE UNIVERSITY OF ILLINOIS BEFORE THE FEDERAL COMMUNICATIONS COMMISSION

Mr. Livingston called attention to the hearings which will soon be held by the Federal Communications Commission on assignments of television channels.

On motion of Mr. Nickell, Mr. Livingston was designated as the official representative of the Board of Trustees to appear with other officers of the University of Illinois before the Federal Communications Commission in the interests of the University.

DISCUSSION OF MATTERS IN THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Report of the Executive Committee of the Board of Trustees

President Williamson reported that the Executive Committee of the Board of Trustees at a meeting held in Urbana, Illinois, on November 17, 1950, adopted the following resolution:

WHEREAS, Doctor Stoddard has said it is perfectly proper to have Dean Bowen and the Executive Committee of the College of Commerce heard in an open meeting of the full Board of Trustees of the University of Illinois;

Therefore be it resolved that the Executive Committee of the Board of Trustees ask Doctor Stoddard to invite Dean Bowen and the Executive Committee of the College of Commerce to appear before the Board of Trustees for the purpose of being heard fully on all matters concerning the College of Commerce; and

Be it further resolved that any member of the faculty who so desires may appear at such hearing by request through Doctor Stoddard.

This action followed a conference on November 17 between Senator Everett R. Peters and the special committee¹ appointed at the Board meeting on October 26, 1950 to meet and discuss with him the issues involved in the situation in the College of Commerce. Representatives Charles W. Clabaugh, Ora D. Dillavou, and Representative-Elect Paul Stone of the Twenty-fourth Senatorial District of Illinois also participated in this conference on invitation of the committee.

By direction of the President of the Board the hearing referred to in the resolution of the Executive Committee was set for 2:00 p.m., Friday, November 24, 1950, as a special order of business of the meeting of the Board of Trustees scheduled for that date.

This report of the Executive Committee was received for record.

On motion of Doctor Meyer, the following procedure was adopted for the consideration of this special order of business:

1. The meeting will start promptly at 2:00 p.m. and will adjourn by 5:30 p.m.

¹ The members of this committee, appointed in response to Senator Peters' telegram of October 25, 1950, were Messrs. Fornof, Hickman, Livingston, McLaughlin, Stoddard, and Williamson. Mr. Hickman was unable to attend the conference on November 17 because he was counsel in a case which was heard in the Supreme Court of Illinois on the same day.

2. Speakers will be called upon in the following order:
 - (a) A spokesman for the elected members of the Executive Committee of the College of Commerce and Business Administration.
 - (b) Dean Howard R. Bowen.
 - (c) Faculty members of the College of Commerce and Business Administration who have requested the privilege of being heard. (In an order to be determined by the President of the Board of Trustees.)
 - (d) Faculty members of the College of Commerce and Business Administration who have asked to be present at the meeting with the right to speak if they so desire.
 - (e) Remarks of the President of the University.
 - (f) Questions from members of the Board of Trustees.
 - (g) Other statements, if time permits.
3. In view of the shortness of time, it will be necessary to proceed as indicated above, without having a general discussion following each speaker.
4. Dean Albert J. Harno of the College of Law, who will be at this meeting, will advise the President of the Board regarding questions of procedure that may arise in the meeting.

President Stoddard stated that Dean Howard R. Bowen and the Executive Committee of the College of Commerce and Business Administration had been invited to appear before the Board for the purpose of being heard fully on all matters concerning the College of Commerce, and that the members of the faculty had also been invited to appear at this hearing, pursuant to the resolution of the Executive Committee of the Board of Trustees.

President Stoddard further stated that he had asked the Executive Committee of the University Council¹ to attend this meeting. The University Council and its Executive Committee are advisers to the President of the University.

At this point, Doctor Meyer asked to be excused and withdrew from the meeting.

OPEN SESSION

When the Board convened in open session, the same members of the Board and officials of the University were present as during the Executive Session, with the exception of Doctor Meyer.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following recommendations and reports presented by President Stoddard.

APPOINTMENTS TO THE FACULTY

(1) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. EDWARD H. DAVIDSON, Associate Professor of English, beginning September 1, 1951, at an annual salary of \$6,500 (A).

2. KENNETH JAMES FRANKLIN, Visiting Professor of Physiology, College of Liberal Arts and Sciences, beginning September 1, 1951, for ten months, at a salary of \$9,000 (G).

¹ The members of the Executive Committee of the University Council are: Professor Roger Adams, Head of the Department of Chemistry; Dean Albert J. Harno, College of Law; Dean Henning Larsen, College of Liberal Arts and Sciences; Dean Stanley W. Olson, College of Medicine; Dean Willard B. Spalding, College of Education; and Dean Fred H. Turner, Dean of Students. All members were present except Dean Turner.

3. ROBERT GLASER, Research Assistant Professor of Education in the Bureau of Research and Service, College of Education, beginning January 1, 1951, at an annual salary of \$6,500 (DY).

4. STANLEY D. MUSGRAVE, Assistant Professor of Dairy Science, College of Agriculture and Agricultural Experiment Station, beginning October 27, 1950, at an annual salary of \$4,750 (D25; DY75).

On motion of Mr. Livingston, these appointments were confirmed.

**SERVICES OF PROFESSOR THOMAS E. BENNER AND ASSOCIATE
PROFESSOR KENNETH B. HENDERSON TO THE
DEPARTMENT OF STATE**

(2) The United States Department of State has requested the University of Illinois to loan the State Department two members of the University's staff for a period of two months during the current academic year to help advance work and planning in the field of teaching about the United Nations. Specifically, the services of Professor Thomas E. Benner and Associate Professor Kenneth B. Henderson of the College of Education have been requested.

I have authorized the services of these men to the Department of State as a loan from the University and request confirmation of my action.

On motion of Mr. McLaughlin, the action of the President was confirmed.

NAMES OF AERONAUTICAL ENGINEERING BUILDINGS

(3) The Head of the Department of Aeronautical Engineering and the Dean of the College of Engineering request that definite names be given to two buildings used by the Department as follows: Aeronautical Laboratory A (formerly the Locomotive Testing Laboratory on the north end of the campus) and Aeronautical Laboratory B (formerly the Machine Tool Laboratory of the Department of Mechanical Engineering).

I concur.

On motion of Mr. Herrick, these buildings were named as designated, Mr. Livingston voting "no."

GRADUATE COLLEGE FEES

(4) The Dean of the Graduate College and the Committee on Fees and Scholarships recommend that all graduate students in absentia pay a tuition fee assessed on the same basis as if they were in residence.

I concur.

On motion of Mr. Herrick, this recommendation was approved.

**RELEASE OF FUNDS FOR BUILDINGS AND OTHER
CAPITAL IMPROVEMENTS**

(5) The Governor has approved the following release of funds from appropriations made to the University of Illinois for 1949-1951 for buildings and other capital improvements:

Release No. 47

"For Equipment for buildings enumerated above at Urbana-Champaign". \$175,000

This is a final release from an appropriation of \$365,000. The Governor has previously released (Release No. 25) \$190,000 from this appropriation. The funds now released are for the purchase of movable equipment for the new Veterinary Medicine unit at Urbana-Champaign.

I recommend that the funds released be appropriated for the purpose specified.

On motion of Mr. Livingston, these funds were appropriated, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Doctor Meyer, Mr. Stevenson.

APPROPRIATION FOR DEDICATION OF EAST CHEMISTRY BUILDING

(6) The East Chemistry Building will be dedicated on March 30 and 31, 1951. The events will include two symposia—one on chemical engineering and one on biochemistry, with four distinguished speakers for each—inspection of the new building, social functions, a dinner, luncheon, and tea, and the formal dedication ceremony.

To carry out these plans, the Department of Chemistry has requested a special appropriation to be used for honoraria of speakers, printing of programs, and, to a limited extent, for the expenses of the social functions.

I recommend that an appropriation of \$2,000 be made from the General Reserve Fund for this purpose.

On motion of Mr. Fornof, this appropriation was made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Doctor Meyer, Mr. Stevenson.

EXTENSION OF HIGH-PRESSURE GAS SERVICE TO ANIMAL SCIENCES LABORATORY AND VETERINARY MEDICINE BUILDING

(7) The Director of the Physical Plant and the Comptroller recommend the award of a contract to the Illinois Power Company for the extension of high-pressure gas service from Pennsylvania Avenue to the Animal Sciences Laboratory and the Veterinary Medicine Building. Under the contract proposed, the Company agrees to complete the installation by September, 1951, and to assume \$1,200 of the total cost. The University will be required to reimburse the Company for all costs in excess of \$1,200 on the following basis:

1. Labor furnished by the Illinois Power Company, materials and rental of equipment to be at actual cost.
2. Labor furnished by contractors to be at cost plus 25 per cent for contractors' overhead costs and profit.
3. Fifteen per cent of the total direct cost to the Company for engineering services, overhead expenses, and profit.

The estimates of the cost to the University under this contract are \$1,573 for extension of service to the Animal Sciences Laboratory and \$2,570 for extension to the Veterinary Medicine Building (total, \$4,143).

Funds are available in the state appropriations for the construction of these buildings.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. McLaughlin, authority was given as recommended.

CONTRACT FOR EXTENSION OF GOODWIN AVENUE

(8) The construction of the Animal Sciences Laboratory requires closing of Mathews Avenue. Since it has been an important traffic artery, an alternate route is needed. Extension of Goodwin Avenue south from Gregory Drive to Pennsylvania Avenue will accomplish this.

The Director of the Physical Plant and the Comptroller recommend award of a contract for \$47,940 to the General Paving Company, Champaign, the lowest bidder, for the construction of a black top surface drive with concrete curbs. Funds are available.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, authority was given as recommended.

CONTRACT FOR ALTERATIONS IN THE VENTILATING SYSTEM OF THE DENTAL, MEDICAL, AND PHARMACY BUILDING

(9) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$1,937 to the Narowetz Heating and Ventilating Company, Chicago, the lowest bidder, for alterations in the ventilating system of the Dental, Medical, and Pharmacy Building to relieve overloading. The corrections needed will consist

of the installation of a new fan and separate vents from fume hoods to prevent discharge of fumes into laboratories.

Funds are available in the Physical Plant budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Livingston, authority was given as recommended.

CONTRACT FOR ADDITION TO ELECTRICAL DISTRIBUTION SYSTEM AT CHICAGO PROFESSIONAL COLLEGES

(10) At its meeting on July 25, 1950 (Minutes, page 24), the Board of Trustees approved a "multiple service and combined billing" plan through an agreement with the Commonwealth Edison Company of Chicago for the extension of the electrical distribution system at the Chicago Professional Colleges. This requires an immediate capital expenditure of \$31,705 for existing buildings. In approving this plan it was understood that further capital payments would be made for excess facilities for new buildings.

The cost of extending the electrical distribution system to the Research and Educational Hospitals addition now under construction is \$21,849.

Funds are available in the state appropriation for "Construction of addition to present hospital" and have already been released.

The Director of the Physical Plant and the Comptroller recommend that a contract be entered into with the Commonwealth Edison Company to provide for these facilities. I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute such a contract.

On motion of Mr. Nickell, authority was given as recommended.

CONTRACT FOR REMODELING OF QUARTERS FOR RESIDENT PHYSICIANS IN THE RESEARCH AND EDUCATIONAL HOSPITALS

(11) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$2,983 to the Mutual Contracting Company, Chicago, the lowest bidder, for remodeling of space in the Research and Educational Hospitals to provide quarters for resident physicians. The present quarters will be eliminated as a result of the construction of the hospital addition.

Funds are available in the state appropriation for "Construction of addition to present hospital."

I concur.

On motion of Mrs. Watkins, authority was given as recommended.

REMODELING OF QUARTERS FOR THE DEPARTMENT OF PREVENTIVE MEDICINE

(12) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$2,398 to the F. H. Stowell Company, Chicago, the lowest bidder, for remodeling quarters in the Municipal Contagious Disease Hospital in Chicago for the Department of Preventive Medicine of the College of Medicine.

Due to the lack of space in the Dental, Medical, and Pharmacy Building, arrangements have been made to carry on some of the work of the Department of Preventive Medicine in the Municipal Contagious Disease Hospital. Permission has been secured from the city of Chicago for the necessary remodeling, provided no expense to the city is involved. The remodeling will consist of converting an unused room into three laboratories for Chemistry and Immunology, Virology, and Bacteriology.

Funds are available in a grant made by the Lederle Laboratories, New York City, New York, to the University for work in Preventive Medicine.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Nickell, authority was given as recommended.

ADDITION TO CONTRACT FOR CONSTRUCTION OF PARKING LOT

(13) The Board of Trustees has authorized (Minutes, July 25, 1950, page 29) a contract for the construction and surfacing of a parking area at 1108 West Green

Street. The University, having subsequently acquired a property at 202 South Goodwin Avenue (around the corner), finds it is now possible to provide an entrance to the parking lot from Goodwin Avenue as well as Green Street. Because of the heavy traffic on Green Street, it is desirable to have this second entrance and exit.

The Champaign Asphalt Company, which has the contract for the surfacing of this parking lot, has submitted a bid of \$2,702.20 for the additional work required to provide access from Goodwin Avenue. This allows a credit for the elimination of one of the two entrances from Green Street.

The Director of the Physical Plant and the Comptroller recommend this addition to the contract.

Funds are available in the appropriation for parking lot facilities made by the Board.

I concur and recommend that the Comptroller be authorized to execute this contract change.

On motion of Mrs. Holt, authority was given as recommended.

ADDITION TO ARCHITECTURAL CONTRACT FOR ANIMAL SCIENCES LABORATORY

(14) The Director of the Physical Plant and the Comptroller recommend an increase of \$3,924.42 in the contract with Naess and Murphy for architectural services on the Animal Sciences Laboratory. This is to provide for additional architectural services to supplement those covered by the original fee. Payment for additional services will be based upon the cost of direct labor (salaries and wages of draftsmen) plus 100 per cent overhead plus any direct expenses.

Funds are available in the state appropriation for the construction of this building.

I concur and recommend that the Comptroller be authorized to execute this contract change.

On motion of Mrs. Watkins, authority was given as recommended.

EXTENSION OF SOUTH BROADWAY SANITARY SEWER INTERCEPTOR

(15) On July 25, 1950 (Minutes, page 27), the Board of Trustees made an appropriation of \$2,000 to pay the University's share of the cost of the extension of the sanitary sewer in the area of South Broadway. The city of Urbana now proposes a further extension of the sanitary sewer from Florida Avenue south on Race Street to the center line of Mumford Drive in the University Downs Addition. The University's share of the cost of this further extension is \$2,500. By the expansion of this sewer the University will be protected in any future development in the area south of Florida Avenue and west of Race Street.

The Director of the Physical Plant and the Comptroller recommend an appropriation of \$2,500 to pay the University's share of this cost.

I recommend that this appropriation be made and that the Comptroller and the Secretary of the Board be authorized to enter into an agreement with the city of Urbana covering the University's participation in the improvement.

On motion of Mr. Livingston, this recommendation was approved, and an appropriation of \$2,500 was made from the General Reserve Fund by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Doctor Meyer, Mr. Stevenson.

ANNEXATION OF UNIVERSITY PROPERTY TO CITY OF URBANA

(16) Officials of the city of Urbana desire to extend the city limits to a south line represented by the east and west road running through the University Farms south of the old University golf course. This would mean inclusion of all University property north of that road and east of a line represented by the extension of Wright Street south (Wright Street is closed by campus development and Mount Hope Cemetery between Armory Avenue and Florida Avenue). The new south line would intersect this extension of Wright Street at a point near the

south line of the city of Champaign on University property. The Small Homes Council staff housing research area at the corner of Florida Avenue and Race Street, Urbana, has previously been annexed as a part of the city of Urbana and as a part of the Urbana-Champaign Sanitary District by request of the Board of Trustees.

There is no conflict with University interests involved and, in keeping with the University's policy of cooperating with the local municipalities in matters of this kind, I recommend approval.

On motion of Mr. McLaughlin, the annexation of this area as a part of the city of Urbana was approved.

THE ERNEST INGOLD COLLECTION OF SHAKESPEARE

(17) The University of Illinois Foundation presents to the University "The Ernest Ingold Collection of Shakespeare," consisting of four Shakespeare Folios, and a volume of Shakespeare's poetry, published in the seventeenth century, as well as bibliographical materials of considerable value. This was made possible through a gift of \$12,656.64 received by the Illini Achievement Fund from Mr. Ernest Ingold, Class of 1909, of San Francisco, California, supplemented by an unassigned balance of \$1,343.36 which came to the Illini Achievement Fund from the old Illini Plan of Co-ordination and which may be used for any purpose. The total cost of the Shakespeare collection is \$14,000.

Several weeks ago, Mr. Ingold was approached by the Foundation on the matter of presenting to the University a first folio of Shakespeare. He expressed an interest in securing all four folios and inquired if any other funds were available for this acquisition. When he was informed that an unassigned balance of \$1,343.36 which came to the Illini Achievement Fund from the old Illini Plan of Co-ordination was available, he offered to contribute the \$12,656.64 for the purchase of all four folios plus other materials.

The purchase will be made through John and Jane Wilgress, rare book dealers in Monterey, California. The volumes were formerly in the collection of John Balderston of Beverly Hills, California, a private collector.

I recommend acceptance of this gift and the adoption of a suitable resolution, expressing appreciation of the Board of Trustees to Mr. Ingold.

On motion of Mr. Fornof, this gift was accepted and the following resolution was adopted:

To Ernest Ingold, an Appreciation

The Board of Trustees of the University of Illinois accepts with deep appreciation the gift of Mr. Ernest Ingold of San Francisco, California, to the Illini Achievement Fund of the University of Illinois Foundation which has made possible the acquisition for the University of four Shakespeare Folios and a volume of Shakespeare's poetry and other bibliographical materials.

This handsome gift, to be known as "The Ernest Ingold Collection of Shakespeare," will greatly enhance the rare book collections and facilities of the University Library for scholarly research.

In accepting this gift, the Board of Trustees desires to make a public record of its appreciation. It directs this resolution to be spread upon the minutes of the Board, and that a copy be sent to Mr. Ingold.

At this point, Mr. Hickman took his place with the Board.

PURCHASES

Purchases Authorized

(18) The following purchases were authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

Item	Department	Vendor	Cost
177,000 28 lb. brown Kraft clasp envelopes, open end, gummed flaps, various sizes	Office Supply Store	Marvin Envelope Co., Chicago	\$2 635 10 f.o.b. Urbana
95,000 28 lb., open end, gummed flap, catalog envelopes, various sizes			

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
500,000 No. 10, 28 lb. white wave envelopes, plain	Office Supply Store	Marvin Envelope Co., Chicago	3 907 26
200,000 No. 6¾, 28 lb. white wave envelopes, plain			f.o.b. Urbana
250,000 No. 10, 28 lb. white wave envelopes, printed (two-line black corner card)			
100,000 No. 6¾, 28 lb. white wave envelopes, printed (two-line black corner card)			
200,000 No. 10, 20 lb. manila envelopes			
100,000 No. 6¾, 20 lb. manila envelopes			

On motion of Mr. Livingston, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
30,000 copies Time Table, second semester, 1950-1951	University Press	Interstate Printing Co., Danville	\$4 939 00 (approximate) f.o.b. Urbana
5,000 copies <i>Unit-Planned Houses (Contemporary Houses Developed from Room Units)</i> to be printed and bound	Small Homes Council	R. R. Donnelley & Sons Co., Chicago	1 820 00 f.o.b. Urbana
Printing and mailing four issues of the publication entitled <i>Journal of Educational Theory</i>	College of Education	Interstate Printing Co., Danville	1 600 00 (estimate) f.o.b. Urbana
Caps and gowns for use of graduates in February, 1951, approximately: 1200 bachelor's caps and gowns 50 master's caps and gowns 250 doctor's hoods 250 doctor's caps and gowns	Purchasing Office	Collegiate Cap & Gown Co., Champaign	3 375 00 (approximate)
Two ¾ size double basses Two French bass bows Two cello bows One used viola; 3 violins One viola case; 3 violin cases Two viola bows; 3 violin bows One 5'7" Sohmer grand piano	School of Music	Metropolitan Music Co., New York, N.Y.	1 516 00 f.o.b. Urbana
One kiln, high-temperature type, chamber 13" wide x 15" high x 19" deep, equipped with 8 "AT" type globar elements, temperature range 2500° F. operation, maximum 2700° F., 7½" walls, 208 volts, 60 cycle, complete with 16 step control, ammeter, temperature controller, thermocouple, 20 ft. leadwire, magnetic contactor and panel for instruments	School of Music	Clifford V. Lloyde Piano Co., Champaign	1 285 00
One kiln, high-temperature type, chamber 13" wide x 15" high x 19" deep, equipped with 8 "AT" type globar elements, temperature range 2500° F. operation, maximum 2700° F., 7½" walls, 208 volts, 60 cycle, complete with 16 step control, ammeter, temperature controller, thermocouple, 20 ft. leadwire, magnetic contactor and panel for instruments	Geology	Harper Electric Furnace Corp., Chicago	2 619 40 f.o.b. Niagara Falls, N.Y.
One lot laboratory equipment	Animal Science, Dairy Science, Food Technology, Geology, and General Chemical Stores	E. H. Sargent & Co., Chicago	29 595 97 f.o.b. Urbana
One collector, time flow fraction, single column, 110 volts, 60 cycle complete with accessories of tandem funnel arm, dropping funnel and draining tube, eight racks, covers, control box, and photolight housing, counter multiplier unit and continuous auxiliary counter	Animal Science	Technicon Chromatography Corp., New York, N.Y.	1 461 00 f.o.b. New York

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 200 watt, 10 kc. oscillator with 168 c.c. cup	Dairy Science	Raytheon Manufacturing Co., Waltham, Mass.	1 850 00 f.o.b. Waltham, Mass.
One recorder, electronic, strip chart, X-Y axis type, for recording measurements on a high impedance semi-conductor, continuous line, X-axis range 0-200 millivolts, Y-axis range 0-10 millivolts, scale 0-200 millivolts, metal case mounting operated on 115 volts a.c., 50 to 60 cycles	Electrical Engineering	Leeds & Northrup Co., Chicago	1 513 00 f.o.b. Urbana
One Universal Theodolite, 360 revolution, including accessories of packing case, tripod, stiding level, diagonal eyepiece, horrebow level, and battery box	Civil Engineering	Henry Wild Surveying Instruments Supply Co. of America, Inc., Brooklyn, N.Y.	1 312 43 f.o.b. Brooklyn, N.Y.
One Tektronix type 517 oscilloscope	Physics	Everett Associates, Chicago	3 500 00 f.o.b. Portland, Ore.
One 30" propeller type axial flow fan with positive adjustment, variable pitch blades; one air duct	Mining and Metallurgical Engineering	Jeffrey Manufacturing Co., Columbus, Ohio	2 241 00 f.o.b. Columbus, Ohio
Three Cessna 140 (90 h.p.) airplanes, to replace two sold and one wrecked	Institute of Aviation	Walston Aviation, East Alton	10 732 32
Covered corridor connecting Quonset No. 4 and Quonset No. 5 at the University Airport	Institute of Aviation	Harshbarger Building & Supply Co., Urbana	3 150 20
50,000 gallons (approximate) aviation gasoline, 80 octane	Institute of Aviation	Shell Oil Co., Chicago	11 193 00 f.o.b. delivered
10,000 gallons (approximate) aviation gasoline, 91 octane			
One carload (approximately 35,700 ft.) black and galvanized pipe in sizes from $\frac{1}{4}$ " to $2\frac{1}{2}$ "	Physical Plant Storeroom	Crane Co., Terre Haute, Ind.	4 261 96 f.o.b. delivered
300 gallons outside white paint in five gallon cans	Residence Halls	Sandwell's Paint Store, Champaign	1 167 00 f.o.b. delivered
100 gallons outside white primer in five gallon cans			
One new 1950 truck, two-ton capacity, with two-speed transmission, vacuum booster brakes, six 7.50 x 20, 10-ply tires and spare wheel, army-type pintle hook, directional turning lights and heater and defroster, body to be dump type complete with hoist and side board brackets, less allowance for vehicle No. 266, a 1940 Ford two-ton dump truck with dump body and hoist	Physical Plant	Dana Hudelson, Inc. (Ford Dealer), Champaign	2 153 75 (net)
Steel stairs for remodeling in Noyes Laboratory	Physical Plant	Hugh J. Baker & Co., Decatur	1 425 00 f.o.b. delivered
20,000 copies of book on Robert Allerton Park	Robert Allerton Park	Neely Printing Co., Chicago	4 621 50 f.o.b. Chicago
Printing and binding <i>Biological Monographs</i> during the period from December 1, 1950, to June 30, 1951, and to be subject to renewal at the option of the University to June 30, 1952, or two issues of 800 copies each	University Press	Pantagraph Printing & Stationery Co., Bloomington	2 500 00 (approximate)
Printing and binding the <i>Studies in Social Sciences</i> during the period from December 1, 1950, to June 30, 1951, and to be subject to renewal at the option of the University to June 30, 1952, or two issues of 800 copies each	University Press	Pantagraph Printing & Stationery Co., Bloomington	2 000 00 (approximate)

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Printing and binding the <i>Studies in Language and Literature</i> during the period from December 1, 1950, to June 30, 1951, and to be subject to renewal at the option of the University to June 30, 1952, or two issues of 600 copies each	University Press	R. R. Donnelley & Sons Co., Chicago	3 200 00 (approximate)
Steel office furniture for the new Animal Sciences Laboratory and the new Veterinary Medicine Building	Animal Nutrition, Food Technology, Dairy Science, Veterinary Medicine	E & I Cooperative, Inc., New York, N.Y.	27 448 37 f.o.b. Urbana (less 2 per cent 10 days cash discount)
Laboratory furniture for Noyes Laboratory	Physical Plant	Metalab Equipment Corp., Brooklyn, N.Y.	15 551 35 f.o.b. Urbana
170 cases 13" x 13" quarterfold embossed white paper napkins	Office Supply Store	S. V. Cain, Inc., Peoria	4 752 20 f.o.b. cars
100 cases 17" x 17" quarterfold embossed white paper napkins			Champaign
400 cases 3 1/2" x 6 1/2" fold size embossed white paper napkins			
Approximately 12,000 board feet 1" x 6" No. 1 and No. 2 common cypress cribbing, air dried, in random lengths	Residence Halls	Gaines Hardwood Lumber Co., St. Louis, Mo.	1 572 00 f.o.b. cars Champaign

On motion of Mr. Livingston, these purchases were authorized as recommended.

COMPTROLLER'S REPORT OF CONTRACTS

(19) The Comptroller's report of contracts executed for the period from October 1 to 31, 1950.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
National Dairy Council	Nutritional significance of quinolinic acid	\$1 000 00	July 1, 1950
Eli Lilly & Company	Pyruvate-oxidase factor	5 500 00	September 1, 1950
Lederle Laboratories Division, American Cyanamid Co.	Aureomycin in nutrition of baby pigs	1 000 00	September 2, 1950
United States Army, Chemical Corps	Mixing of fluid streams	20 000 00	September 5, 1950
United States Navy, Office of Naval Research	Research and development task order #33	5 000 00	September 7, 1950
Veterans Administration	Insurance short course	Rates per contract	August 24, 1950
Veterans Administration	Instruction and supplies under P. L. 346 and 16 for second semester 1949-1950	Rates per contract	September 20, 1950
Veterans Administration	Instruction and supplies under P. L. 346 and 16 for the year 1950-1951	Rates per contract	September 22, 1950
Veterans Administration	Illinois lumber and material dealers short course	Rates per contract	September 25, 1950
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Piatt County States Attorney, Carl I. Glasgow	Payment in lieu of taxes for tax year 1949	\$6 656 21	June 8, 1950

Adjustments in Authorizations Issued Prior to July 1, 1949 Under Cost-Plus Standing Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>
Reliable Plumbing & Heating Company	One adjustment	\$850 00 (deduct)
Square Deal Electric Company	One adjustment	336 05

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(20) The Comptroller presents his quarterly report to the Board as of September 30, 1950.

This report was received for record.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(21) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

1. Equipment for the secretarial training program in the College of Commerce and Business Administration.....\$ 1 480
 2. Equipment for 404 South Mathews (College of Education)..... 2 920
 3. Equipment to start Visual Aids Center..... 13 530
 4. Equipment for the Department of Psychology..... 25 000
 5. Equipment and construction on the Illini Grove Picnic Area (Old Forestry Grounds)..... 25 000
 6. Purchase of theatre-type seats for Room 138, Electrical Engineering Building 4 000
 7. Alterations and equipment in Floriculture Building..... 10 850
 8. Additional remodeling and equipment for Noyes Laboratory..... 86 000
 9. Remodeling in Talbot Laboratory..... 5 500
 10. Additional funds for University Research Board..... 50 000
 11. Physical Plant Department..... 9 700
- Remodeling of rooms in Bevier Hall, \$1,700 (this supplements an appropriation of \$9,500 made by the Executive Committee of the Board on August 29, 1950).
 Remodeling of Davenport House for the Health Service, \$3,350 (this supplements an appropriation of \$3,200 made by the Board on September 29, 1950).
 Remodeling in Natural History Building and Harker Hall, \$4,650 (this supplements an appropriation of \$15,500 made by the Board on July 25, 1950).

It is recommended that an assignment for Item 1 be made from funds budgeted for Nonrecurring Equipment and Remodeling Unassigned and that assignments for the other items be made from the General Reserve Fund.

I concur.

On motion of Mrs. Watkins, these appropriations were made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Doctor Meyer, Mr. Stevenson.

CONTRACT FOR CONSTRUCTION OF GREENHOUSE AT DRUG PLANT EXPERIMENT STATION

(22) The Director of the Physical Plant and the Comptroller recommend the award of the following contracts for construction of buildings at the Drug Plant Experiment Station at Lisle, Illinois:

General work and head house — Federal Remodeling and Building Company, Chicago.....		\$47 948
Greenhouse construction — Ickes-Braun Greenhouse Manufacturing Company, Chicago.....		13 650
<i>Total</i>		\$61 598

These are the lowest bidders in each case.

The Board of Trustees on January 12, 1950 (Minutes, page 970), made an appropriation of \$65,000 for construction of buildings at the Drug Plant Research Station. A supplementary appropriation of \$4,000 is required. An analysis of the funds required for this project is given in the accompanying report of the Committee on Nonrecurring Appropriations.

I recommend that the supplementary appropriation be made and that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

On motion of Mr. Fornof, authority was given as recommended, and an appropriation of \$4,000 was made from the General Reserve Fund by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Doctor Meyer, Mr. Stevenson.

REMODELING IN RESEARCH AND EDUCATIONAL HOSPITALS

(23) The Vice-President in Charge of the Chicago Professional Colleges, the Comptroller, and the Director of the Physical Plant recommend award of contracts as follows for remodeling in the present Research and Educational Hospitals to coordinate with the construction of the new hospital addition:

Department of Obstetrics and Gynecology — Frank H. Stowell Company, Chicago.....\$142 091

This remodeling is on the third floor in the south and west sections of the general hospital.

Department of Otolaryngology — Perry Construction Company, Inc., Chicago 77 950

This remodeling will include rehabilitation of existing sanitary and supply lines, modernization of cubicles, construction of a small office and soundproof examination room and provision of classroom facilities.

Air conditioning of part of first floor and basement of hospitals:

General work — Carroll Construction Company, Chicago.....\$ 5 277

Mechanical work — M. J. Corboy Company, Chicago..... 18 690 23 967

This work will include air conditioning of the interior rooms on the first floor, south section of the hospital, and will provide for later inclusion of humidity controls needed by the Department of Physical Medicine.

Replacement of elevators:

General work — Mueller Construction Company, Chicago..... 19 600

Elevator installation — Elevator Manufacturing Company of America, Chicago..... 45 340 64 940

This will replace elevators 3 and 4 of the general hospital which are in such poor condition that it is not economical to repair them. Unless they are replaced, continual shutdowns of these two elevators may be expected, thus hampering the functioning of the hospitals.

Mechanical installations in basement — M. J. Corboy Company, Chicago.. 148 255

This will include changes in plumbing and steam services, rehabilitation of supply lines to provide a separate hot water supply, installation of condensate pumps and water supply to take care of the present load and to provide for future requirements.

Electrical installations in basement — Wadeford Electric Company, Chicago 95 968

This work will include reinforcement or replacement of the electrical services to the various risers and reinforcement of risers to provide for additional power requirements. It will also include installation of switchgear in the new hospital addition to provide electrical service from that source. By doing this work now, it is possible, through the integration of a switchboard for the hospital addition with this project to save considerable money over what such work would require later.

Total of All Contracts.....\$553 171

These contractors are the lowest bidders on the various phases of the remodeling work. A tabulation of the bids is submitted herewith.

Funds are available in the state appropriation for "Construction of addition to present hospital," subject to release by the Governor.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

On motion of Mr. Livingston, these contracts were authorized, as recommended, with the exception of the contracts for the replacement of elevators which were referred to the Committee on Chicago Departments.

**CONTRACT FOR CHANGES IN UTILITIES DISTRIBUTION SYSTEM
AT THE CHICAGO PROFESSIONAL COLLEGES**

(24) The construction by the Medical Center Steam Company of a new steam plant and distribution system for the Chicago Professional Colleges will require extension of steam lines to existing buildings and the necessary changes and connections within these buildings. The estimated cost of this phase of the work is \$73,808.

Because the Medical Center Steam Company does not have title to these buildings, the cost of the installations to be made in them can not be capitalized under the loan being made by the Northwestern Mutual Life Insurance Company of Milwaukee to finance the project. However, funds are available for this part of the work in the state appropriation for "Construction of Utility Distribution System and remodeling of existing buildings."

The Director of the Physical Plant and the Comptroller recommend that the Stone and Webster Engineering Corporation, which is constructing the steam plant, be authorized to do the work which can not be included in the financing of the project, at an estimated cost of \$73,808, subject to the release of funds by the Governor. It is advantageous to have this corporation do the work in order to reduce costs.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents.

On motion of Mr. Nickell, authority was given as recommended.

**AWARD OF CONTRACT FOR CLEANING OF DUCTS IN DENTAL,
MEDICAL, AND PHARMACY BUILDING IN CHICAGO**

(25) The Director of the Physical Plant and the Comptroller recommend the award of contracts as follows for the cleaning of ducts in the Dental, Medical, and Pharmacy Building:

First unit—Chemical Fireproofing Corporation, Chicago.....	\$2 475
Second unit—Chicago Fire Equipment Company, Chicago.....	3 985

These are the lowest bidders.

The work to be done includes cleaning of all internal ventilation supply ducts and fan chambers.

Funds are available in the Physical Plant budget to cover the cost of this work.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Herrick, authority was given as recommended.

DENTAL CLINIC FOR CLEFT PALATE TRAINING PROGRAM

(26) The Cleft Palate Training Program carried on by the Colleges of Medicine and Dentistry in conjunction with the Division of Services for Crippled Children requires a dental clinic for examination of patients. No space is available in the present dental clinics used for teaching or elsewhere in the Dental, Medical, and Pharmacy Building. Space has been offered in the "University Hospital," formerly a private hospital and now operated by Loyola University. This space will be made available without rental charge but will require remodeling, including installation of fluorescent lighting fixtures, electrical outlets for servicing dental units and X-rays, and plumbing. The University's College of Dentistry can provide the equipment. University Hospital has requested the University of Illinois to take care of the expenses of these changes estimated to cost between \$1,500 and \$2,000.

This can be paid from funds for Cleft Palate Training work supplied to the Division of Services for Crippled Children by the United States Government.

The Vice-President in Charge of the Chicago Professional Colleges recommends that the University of Illinois agree to reimburse University Hospital for the cost of the building changes required to make space available for this program.

I concur.

On motion of Mrs. Holt, this recommendation was approved.

FEED STORAGE WAREHOUSE

(27) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$10,747 to the Webster Manufacturing Company, Chicago, the lowest bidder, for the installation of conveyors at the Feed Storage Warehouse for the College of Agriculture and the Agricultural Experiment Station.

Funds are available in the state appropriation for "Construction of agricultural structures and remodeling present agricultural buildings."

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Herrick, authority was given as recommended.

ADDITION TO REFRIGERATION CONTRACT FOR CONSTRUCTION OF ANIMAL SCIENCES LABORATORY

(28) The Director of the Physical Plant and the Comptroller recommend an addition of \$6,451 to the contract with L. C. Kohlman, Inc., Chicago, for refrigeration work in the construction of the Animal Sciences Laboratory for:

1. Installation of two water chillers instead of one and duplicate water pumps for the refrigeration system which will be used continuously. (Plans and specifications for the contract provide for single water chillers and single chilled water pumps. In view of experiences with breakdowns in refrigeration systems in other buildings, it is considered advisable to provide two water chillers, each one-half the original capacity, and duplicate pumps. This will permit repairs and servicing of equipment without shutting down the refrigeration systems and interrupting experimental work.)

2. Increased refrigeration to maintain a temperature of 4° C. instead of 20° C. in the constant temperature room and refrigeration for a cooling and incubator room included in the revision of the fourth floor west wing. These changes are requested by the Department of Dairy Science.

Funds are available in the state appropriation for "Construction of Animal Science Laboratory."

I concur and recommend that the Comptroller be authorized to execute this contract change.

On motion of Mr. Nickell, authority was given as recommended.

REFUND OF THESIS DEPOSIT

(29) A candidate for the degree of Doctor of Philosophy is required to deposit \$75 to assure later publication of his thesis. The money is refunded if the student publishes his thesis, or a suitable abstract thereof, and supplies the Graduate College with one hundred copies. The Board of Trustees has previously authorized waiving this deposit upon approval of the Dean of the Graduate College.

The Executive Faculty of the Graduate College recommends that this requirement be amended to allow a refund upon submission of satisfactory evidence that the thesis, or an abridged form thereof containing the essential parts, has been published in a standard, reputable journal. This in no way alters the general publication requirement, except with respect to the submission of reprints.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

JAMES WILFORD GARNER FELLOWSHIP IN POLITICAL SCIENCE

(30) Mrs. James W. Garner of Jackson, Mississippi, desires to establish an endowment of a graduate fellowship in political science as a memorial to her late husband.

Professor James W. Garner, former Head of the Department of Political Science, was a member of the faculty of the University of Illinois from 1904

until his death in 1938. He was an internationally known authority in his field (international law) and was one of the most distinguished professors the University has had.

I have accepted this offer and have expressed to Mrs. Garner the deep appreciation of the Board of Trustees and other University officials. I request confirmation of my action and authorization to work out with her the details of this fellowship to be known as the "James Wilford Garner Fellowship in Political Science."

On motion of Mrs. Holt, the President's action was confirmed, and authority was given as requested.

EMPLOYMENT OF ARCHITECTS FOR THE LIFE SCIENCES BUILDING

(31) The Director of the Physical Plant recommends the employment of Holabird and Root and Burgee, Chicago, as architects for the Life Sciences Building upon the following terms:

1. A fee of 6 per cent of the cost of all construction work designed and supervised by them for complete architectural services, plus reimbursement for incidental costs such as travel.

2. For the present, expenditures for architectural services shall not exceed \$72,000, the amount available through a loan from the "General Services Administration of the Bureau of Community Facilities" for planning of buildings in advance of state appropriations; provided that when a state appropriation is available for this project the University may authorize complete services on the basis of the fee of 6 per cent.

3. The University retains the right of terminating the services of this firm prior to completion of plans and specifications, or of reducing the extent of their services, provided that if such action is deemed necessary an appropriate adjustment in the base fee will be made.

I concur.

On motion of Mr. Livingston, the employment of Holabird and Root and Burgee as architects for the Life Sciences Building was approved as recommended.

CONSULTANT ON CAMPUS PLANNING AND DEVELOPMENT

(32) On January 12, 1950 (Minutes, page 967), the Board of Trustees authorized the employment of the firm of Gregg and Briggs, Architects and Engineers, Chicago and Peoria, as consultant on campus planning and development. This employment was for the calendar year 1950 and included the services of Professor Cecil C. Briggs, partner in the firm, as half-time professor.

I recommend that Gregg and Briggs be employed on its present basis for the period January 1 through June 30, 1951. This will enable the firm to complete various assignments and to assist in the development of new buildings and campus plans.

On motion of Mr. McLaughlin, the employment of the firm of Gregg and Briggs as consultant on campus planning and development was continued for the period January 1 through June 30, 1951, as recommended.

LEAVE OF ABSENCE FOR DEAN WILBUR SCHRAMM

(33) The Air Force has made an urgent request that Dean Wilbur Schramm be permitted to undertake immediately an assignment in Korea having to do with problems in psychological warfare. I have gone into this matter in detail with Dean Schramm and I believe the proposal is in the national interest. However, it is not possible to release any details.

I recommend, therefore, that Dean Schramm be granted a leave of absence for a period of two months, approximately from December 1, 1950, to February 1, 1951, without salary.

I recommend further that Professor Fredrick S. Siebert, Director of the School of Journalism and Communications and Professor of Journalism, be asked

to serve as Acting Dean of the Division of Communications during the absence of Dean Schramm.

On motion of Mrs. Holt, this leave was granted and the appointment of Professor Siebert as Acting Dean of the Division of Communications was approved.

**LEAVES OF ABSENCE FOR PROFESSORS FRANCIS G. CORNELL
AND NATHANIEL L. GAGE**

(34) I have received from General George C. Kenney, Commander of Air University, Maxwell Air Force Base, Alabama, a request approved by the Chief of Staff of the Air Force and the Commander in Chief of the Far East to utilize the services of Professor Francis G. Cornell and Assistant Professor Nathaniel L. Gage of the College of Education for a period of approximately two months, beginning as soon as possible. They would become members of a research team in Korea and would be expected to make an important contribution to national defense. Dean Willard B. Spalding of the College of Education states that arrangements can be made to take care of the instructional and research assignments of these men for the period indicated.

I, therefore, recommend that Professors Cornell and Gage be given leaves of absence for two months without salary, beginning approximately December 1, 1950.

On motion of Mr. Nickell, these leaves were granted, as recommended.

**SABBATICAL LEAVE OF ABSENCE FOR
PROFESSOR THOMAS E. BENNER**

(35) Professor Thomas E. Benner of the College of Education has been asked to serve as the United States member of a two-man team to be sent to Korea by the United Nations on an educational and cultural reconstruction mission, contingent upon approval of the program by the Supreme Commander for the Allied Powers. He can not undertake this assignment without a considerable financial sacrifice which he should not be asked to make. It will also require his absence from the University for several months.

In view of the nature of the program and the prestige which will come to the University of Illinois in having a member of its faculty in such a distinguished role, I recommend that Professor Benner be given a sabbatical leave of absence on one-half salary during the second semester of 1950-1951, this leave to be contingent upon final approval of the projected mission by SCAP. The College of Education will undertake to provide for Professor Benner's work during his absence by reassignment of duties and a temporary appointment, utilizing the other half of Professor Benner's salary.

Professor Benner has been on the faculty for nineteen years and has never had a sabbatical leave of absence.

On motion of Mr. Herrick, this leave was granted, as recommended.

**AWARD OF CONTRACT FOR SMALL HOMES COUNCIL
CONSTRUCTION PROJECT**

(36) The Acting Director of the Small Homes Council, the Dean of the College of Fine and Applied Arts, and the Comptroller recommend the award of a contract for \$2,693.50 to Oran L. Shoemaker & Company, Champaign, the lowest bidder, for the construction of a basement and adjacent foundation structures for a Small Homes Council research project.

Funds are available for this under a contract for a cooperative investigation between the Housing and Home Finance Agency and the University for "Design Criteria for Space in Dwellings."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Livingston, authority was granted, as recommended.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(37) The Chicago Professional Colleges Committee on Nonrecurring Appropriations recommends assignments of funds from the General Reserve Fund for the following purposes:

1. Equipment for the Animal Hospital.....\$2 630
2. Equipment in the Department of Physiology..... 2 100
3. Purchase of a phase microscope for the Department of Anatomy..... 875
4. A call system in the Library rooms and stacks..... 600
5. Equipment for the College of Pharmacy..... 1 200
6. Relocation of the Electrocardiogram and Basal Metabolism Units in the Research and Educational Hospitals..... 650

I concur.

The requests for these assignments of funds have been carefully studied by the Chicago Professional Colleges Committee on Nonrecurring Appropriations. Reports of the Committee, giving details on each item, are submitted herewith.

On motion of Mrs. Holt, these appropriations were made, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Doctor Meyer, Mr. Stevenson.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations, declinations, cancellations, and terminations; and (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

- ARMESY, THOMAS W., Assistant, Management (Business Organization and Operation), February 1-June 15, 1951, \$1350, supersedes (11-7-50).
- BARKER, ROY J., Research Assistant, Economic Entomology (S) and (Natural History Survey), one year beginning October 1, 1950, \$3000 (11-6-50).
- BEYER, DONALD, Assistant, Physiology, February 1-June 15, 1951, \$2800 a year, supersedes (11-9-50).
- BRADFORD, CHARLES E., Instructor, Physics (Undergraduate Division in Chicago) (1/2), October 9, 1950-August 31, 1951, to render service during the remainder of the academic year, \$2100 a year (11-1-50).
- BRASMER, TIMOTHY H., Instructor, Veterinary Clinical Medicine (Veterinary Medicine), one year beginning September 1, 1950, \$5000, supersedes (10-19-50).
- CARROLL, JEANNE M., Instructor, Occupational Therapy (Physical Medicine and Rehabilitation) (Medicine), eleven months beginning October 1, 1950, \$3660 a year (11-6-50).
- COLEMAN, RUTH B., Assistant Professor, Medical and Dental Illustration (Medicine), one year beginning September 1, 1950, \$4738, supersedes (9-19-50).
- CORNELL, FRANCIS G., Professor, Education (Bureau of Research and Service), indefinite tenure beginning February 1, 1951, \$11,000 a year, supersedes (11-2-50).
- COYLE, HELEN, Lecturer, Social Welfare Administration, four months beginning February 1, 1951, \$1600 (10-20-50).
- DESTRO, VINCENT P., Technical Assistant, Illustration Studios (Medicine), one year beginning September 1, 1950, \$3544 (9-19-50).
- DOLIN, MORTON I., Research Associate, Bacteriology (Graduate College), eleven months beginning October 1, 1950, \$4200 a year (11-14-50).
- FINCH, FRANK H., Professor, Education, indefinite tenure, and Director of Selection, Retention, and Advise ment of Graduate Students in Education, one year beginning September 1, 1950, \$8000 a year, supersedes (10-23-50).

- GRISMORE, THOMAS L., Assistant Professor, Hygiene, and Medical Adviser for Men (Undergraduate Division in Chicago) ($\frac{2}{3}$), one year beginning September 1, 1950, \$4665, supersedes (11-4-50).
- HANSON, LYLE E., Instructor, Veterinary Pathology and Hygiene (Veterinary Medicine) and (Agricultural Experiment Station), nine months beginning December 1, 1950, \$4000 a year (11-6-50).
- HARRISON, PAUL W., JR., Instructor, Physics (Undergraduate Division in Chicago) ($\frac{1}{2}$), October 9, 1950-August 31, 1951, to render service during the remainder of the academic year, \$2100 a year (11-1-50).
- HICKMAN, DONALD D., Instructor and First Assistant, Floriculture (Horticulture) (C & S), November 16, 1950-August 31, 1951, \$325 a month, supersedes (11-13-50).
- HINES, MARGARET N., Instructor, Biological Sciences (Undergraduate Division in Chicago) ($\frac{1}{2}$), five months beginning September 1, 1950, \$160 a month (10-20-50).
- HOWSER, RAY E., Research Assistant, Library School ($\frac{3}{4}$) and in Visual Communications ($\frac{1}{4}$), ten months beginning November 1, 1950, \$3000 a year, supersedes (11-1-50).
- HUDSON, HARRIET D., Assistant Professor, Economics, academic year beginning September 1, 1950, \$4350, supersedes (10-20-50).
- HULL, MRS. MARY E., Research Associate, Education ($\frac{1}{2}$), November 20, 1950-September 30, 1951, \$2160 a year (11-18-50).
- IDEN, C. S., Natural History Library Assistant, with the rank of Instructor, nine months beginning December 1, 1950, \$3780 a year (11-7-50).
- IKEDA, HANNAH, Research Associate, Education, eleven months beginning October 1, 1950, \$3800 a year (10-20-50).
- KIVNICK, ARNOLD, Research Associate, Chemical Engineering (S), October 16, 1950-August 31, 1951, \$5000 a year (10-20-50).
- KNAPPER, ARNO F., Assistant, Secretarial Training (Business Organization and Operation), nine months beginning September 16, 1950, \$2700 (10-19-50).
- KREBS, ALFRED H., Instructor, Agricultural Education ($\frac{3}{10}$) and Student Teaching ($\frac{1}{5}$), and Counselor on the University Council on Teacher Education ($\frac{1}{2}$), one year beginning September 1, 1950, \$4800, supersedes (11-1-50).
- LAVATELLI, LEO S., Assistant Professor, Physics (C), October 25, 1950-August 31, 1951, \$5000 a year, supersedes (11-9-50).
- LEIMERT, MRS. MARY L., Instructor, Clinical Speech (Otolaryngology) (Medicine) ($\frac{1}{4}$), eleven months beginning October 1, 1950, \$915 a year (11-1-50).
- LINTON, GEORGE A., Instructor, Veterinary Anatomy and Histology (Veterinary Medicine) ($\frac{3}{4}$), January 16-August 31, 1951, \$3000 a year (11-18-50).
- LOB, CHESTER G., Research Associate, Electrical Engineering (C), ten months beginning November 1, 1950, \$4000 a year, supersedes (10-20-50).
- MARCUS, PAUL M., Research Assistant Professor, Physics (C), October 25, 1950-August 31, 1951, \$5400 a year, supersedes (11-9-50).
- MCCARRON, MARY M., Serials Librarian, with the rank of Assistant (Undergraduate Division in Chicago), October 2, 1950-August 31, 1951, \$3300 a year (10-23-50).
- McKEOWN, MRS. MARIE P., Medical Artist, Cleft Palate Training Program and Center (Division of Services for Crippled Children) ($\frac{1}{2}$), one year beginning September 1, 1950, \$1800 (11-1-50).
- MEGINNIS, PAUL J., Instructor, Veterinary Clinical Medicine (Veterinary Medicine), eight months beginning January 1, 1951, \$6000 a year (10-19-50).
- NICKLAS, DOUGLASS R., Research Associate, Psychology (Graduate College), nine months beginning October 1, 1950, \$4300 a year, supersedes (11-6-50).
- NISHIMURA, M. SHIMPE, Research Associate, Botany (Graduate College), ten months beginning November 1, 1950, \$4450 a year (11-13-50).
- NOLAN, KENNETH, Instructor, Pediatrics (Medicine) ($\frac{1}{2}$), one year beginning September 1, 1950, \$1830, supersedes (10-20-50).
- OSGOOD, CHARLES E., Research Associate Professor, Institute of Communications Research, and Psychology, one year beginning September 1, 1950, \$6450, supersedes (11-2-50).

- QUINN, MARIAN C., Instructor, Clinical Speech (Otolaryngology) (Medicine) ($\frac{3}{4}$), eleven months beginning October 1, 1950, \$915 a year (11-1-50).
- SCHILLERSTROM, ALICE G., Research Associate, Psychology (Graduate College), nine months beginning October 1, 1950, \$4000 a year (11-6-50).
- SHEEK, MARTHA R., Research Assistant, Bacteriology (Graduate College), October 1, 1950-April 15, 1951, \$1495, supersedes (10-10-50).
- SHERE, MRS. MARIE O., Instructor, Speech ($\frac{3}{4}$), six months beginning September 1, 1950 (full time), six months beginning March 1, 1951, to render service during the academic year, at a full time rate of \$3950 a year, supersedes (10-24-50).
- TAYLOR, DORIS N., Research Assistant, Economic Entomology (C), and (Natural History Survey), four months beginning October 1, 1950, \$200 a month (10-24-50).
- TITUS, JOHN S., Instructor and First Assistant, Pomology (Horticulture) (C & S), six months beginning March 1, 1951, \$375 a month (11-13-50).
- WEINER, ROBERT G., Instructor, Medicine (Medicine) ($\frac{1}{2}$), ten months beginning November 1, 1950, \$250 a month, supersedes (11-9-50).
- YALE, SEYMOUR H., Instructor, Admitting Clinic (Dentistry) ($\frac{3}{5}$), one year beginning September 1, 1950, \$2196 (8-30-50).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- CHAMBERLIN, LORRAINE E., United States Public Health Service Fellow, Psychology, ten months beginning September 1, 1950, \$1600 (11-4-50).
- EASTMAN, WARD H., Fellow, Surgery (Medicine), two months beginning May 1, 1950, \$141.75 a month, and three months beginning July 1, 1950, \$125.83 a month, supersedes (11-1-50).
- FERREE, PAUL J., Wright Fellow, Agricultural Economics, February 1-June 15, 1951, \$350 (11-14-50).
- HENDRICKS, ROBERT A., Bristol Penicillin Research Fellow, Pharmacology (Medicine), three months beginning October 1, 1950, \$125 a month (11-1-50).
- LEIGHLY, HOLLIS P., Olin Industries Fellow, Mining and Metallurgical Engineering, one year beginning September 1, 1950, \$1000 (11-14-50).
- PEVSNER, LEO, United States Army Air Force Research Fellow, Clinical Science (Medicine), September 25, 1950-August 31, 1951, \$1800 a year (11-9-50).
- RICHEY, MARJORIE H., United States Public Health Service Fellow, Psychology, ten months beginning September 1, 1950, \$2000 (11-6-50).
- ROBERTSON, CHARLOTTE, National Institute of Health Research Fellow, Clinical Science (Medicine), one year beginning October 1, 1950, \$2928 (11-1-50).
- ZIMMERMAN, WILLIAM A., United States Public Health Service Fellow, Psychology, ten months beginning September 1, 1950, \$2400 (11-10-50).

DECLINATIONS, RESIGNATIONS, CANCELLATIONS, AND TERMINATIONS

- DELL, PAUL C., Research Associate, Psychiatry (Medicine) — resignation effective 10-31-50.
- DOWLER, GLENN H., Instructor, Journalism and Communications — resignation effective 10-24-50.
- FELDMAN, LOUIS I., Research Associate, Bacteriology (Graduate College) — cancellation effective 9-1-50.
- GANZHORN, BETTY J., Psychometrist, and Assistant Counselor, Student Counseling Bureau (Undergraduate Division in Chicago) — cancellation effective 9-1-50.
- GRAHAM, SARA, Natural History Library Assistant — resignation effective 11-12-50.
- HAHN, ERWIN L., Research Associate, Physics (S) — cancellation effective 9-1-50.
- HOOVER, HAROLD M., Clinical Associate, Medicine (Medicine) — resignation effective 10-9-50.
- HOWARD, JACK A., Assistant Professor, Marketing (Business Organization and Operation) — resignation effective 9-1-50.
- KALB, CLIFFORD H., Clinical Assistant, Medicine (Medicine) — termination effective 9-1-50.

- LINDSAY, JAMES E., JR., Assistant, Radiology (Medicine) — termination effective 9-1-50.
- MALKUS, WILLEM V. R., Instructor, Physics (Undergraduate Division in Chicago) — resignation effective 10-6-50.
- OINK, ETHEL G., Serials Librarian, with the rank of Assistant (Undergraduate Division in Chicago) — resignation effective 10-1-50.
- PRUZANSKY, SAMUEL, Research Associate, Orthodontia (Dentistry) — resignation effective 10-1-50.
- REDDEN, HUGH F., Instructor, Physical Education for Men — cancellation effective 9-1-50.
- SHEARER, CHARLES E., Assistant, Anatomy (Medicine) — resignation effective 10-15-50.
- SILVERMAN, BERNARD, Instructor, Electrical Engineering (C) — declination effective 9-1-50.
- VENEMA, HARRY J., Research Assistant, Electrical Engineering (S) — declination effective 9-1-50.
- WHITAKER, ROBERT W., Instructor, Farm Structures (Agricultural Engineering) (C & S) — resignation effective 12-7-50.
- WILSON, CHARLES M., Assistant Professor, Bacteriology — resignation effective 2-28-51.

LEAVES OF ABSENCE

- BRONFENBRENNER, MRS. JEAN A., Research Associate, Bureau of Economic and Business Research — leave of absence, without salary, September 1, 1950-January 31, 1951.
- BURNETTE, PAUL J., Education, Philosophy, and Psychology Librarian, with the rank of Assistant Professor — leave of absence, without salary, November 16, 1950-February 15, 1951.
- DAY, MAHLON M., Professor, Mathematics — leave of absence, with full pay, September 1-October 29, 1950.
- HECK, CHARLES V., Instructor, Orthopaedic Surgery (Medicine) — leave of absence for war service, without salary, November 1, 1950, and continuing until the end of the academic year, or until prior release from the Army.
- KRAUSZ, NORMAN G. P., Research Associate, Institute of Government and Public Affairs, and First Assistant in Agricultural Law (Agricultural Economics) (S) — leave of absence, without salary, October 9-December 9, 1950.
- MARKS, RACHEL, Assistant Professor, Social Welfare Administration — leave of absence, with full pay for not exceeding 45 days beginning September 28, 1950, and, if necessary, leave without pay thereafter.

The Board recessed.

DISCUSSION OF MATTERS IN THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

When the Board convened after recess, the following members were present: President Williamson, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins; also present were President Stoddard, Provost Griffith, Vice-President Ivy, Comptroller Morey, Mr. Wright, Director of Public Information, and Mr. Janata, Secretary of the Board.

Messrs. H. E. Grange, Wayne A. Johnston, and H. B. Megran, Trustees-Elect, who had been invited by President Williamson to attend, were present during this session.

The Secretary of the Board presented lists of all members of the faculty who had indicated their desire to appear at this hearing and of those who had asked to be heard. Copies of these lists are in the files of the Secretary as a matter of record.

From this point on, the proceedings of the hearing were recorded

by Reporter Michael Shapiro from the firm of Leon M. Golding and Associates, 10 North Clark Street, Chicago, Illinois, employed for this purpose. An official transcript of the hearing proceedings is filed with the Secretary of the Board for record.

At the conclusion of the hearing, President Williamson stated that further consideration will be given by the Board to conditions in the College of Commerce and Business Administration at a later meeting.

At 6:00 p.m., on motion of Mr. Nickell, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

December 28, 1950



The December meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Thursday, December 28, 1950, beginning at 10:30 a.m., according to the following announced schedule:

10:30 a.m. — Open session.

2:00 p.m. — Executive session, special order of business.

The following members were present: President Williamson, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins.

President Stoddard was present; also Provost C. R. Griffith, Comptroller Lloyd Morey, Mr. J. F. Wright, Director of Public Information, and Mr. A. J. Janata, Secretary of the Board.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of September 29 and October 26, 1950, press proof copies of which had previously been sent to all members of the Board.

On motion of Mr. Hickman, these minutes were approved as printed on pages 335 to 455, inclusive.

ORDER OF BUSINESS

Mr. Nickell moved that the Board at this time proceed with the special order of business scheduled for the afternoon session and take up consideration of the reports on conditions in the College of Commerce and Business Administration as the meeting is now constituted (in open session), stating his reasons for the motion. Mr. Livingston made a statement in support of Mr. Nickell's motion. Messrs. Hickman, McLaughlin, and Fornof made statements in support of considering the matters referred to in Mr. Nickell's motion in Executive Session.

Mr. Nickell withdrew his previous motion and moved that the Board proceed at this time to consider reports on conditions in the College of Commerce and Business Administration. This motion was carried.

Mr. Nickell then moved that this order of business be considered in an open meeting. This motion was lost.

The Board, thereupon, went into executive session.

EXECUTIVE SESSION**COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**

The Board considered the following reports presented by the President of the University:

Second Report to the Board of Trustees on Conditions in the College of Commerce and Business Administration (the report appears on page 484).

Advisory Report on the Controversy in the College of Commerce and Business Administration by the Executive Committee of the University Council.

Report of the Subcommittee Appointed November 15, 1950, by the Advisory Committee of the College of Commerce and Business Administration, University of Illinois, to Inquire Further into the College Controversy. This report was accompanied by a letter of transmittal signed by Messrs. Henry C. Hawes, Chairman, and William M. Edens, Secretary of the Advisory Committee.

Copies of these documents are filed with the Secretary of the Board for record.

On motion of Mr. McLaughlin, the Board voted to release these documents to the press, Mr. Hickman voting no.

Following extended discussion of these reports, further consideration and action on the recommendations was postponed until the open session.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee of the Board of Trustees reported that it approved the following recommendations from the President of the University on which emergency action was necessary:

1. An appropriation of \$24,000 was made from the General Reserve Fund for the purchase and installation of a liquid nitrogen plant at Urbana-Champaign to be used by several University departments.

2. The purchase of a liquid nitrogen machine on the basis of competitive bids from the Standard Air Company of Brooklyn, New York, the lowest bidder, at a price of \$16,200, f.o.b. Urbana, was authorized. The price includes engineering services for the installation but not other installation costs, such as remodeling of quarters in which the equipment is to be housed, construction of a base, and utilities connections. The estimated cost of this work is \$7,800.

3. An offer of Mr. and Mrs. Merle J. Trees of a painting entitled "Street Scene, Paris" by Camille Pissarro as their 1950 contribution to the "Emily Nichols Trees (Class of 1905) and Merle Jay Trees (Class of 1907) Collection" of paintings at the University of Illinois was accepted. This painting is valued at \$17,000 in an official appraisal by the Art Institute of Chicago.

On motion of Mr. McLaughlin, the actions of the Committee were confirmed and an appropriation of \$24,000 was made from the General Reserve Fund for the purchase and installation of a liquid nitrogen plant by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Doctor Meyer, Mr. Stevenson.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following recommendations and reports presented by President Stoddard.

APPROPRIATION FOR STORAGE FACILITIES FOR WORKS OF ART

(1) The Board of Trustees on September 29, 1950 (Minutes, page 350), authorized a formal agreement with the Art Institute of Chicago providing for the custodianship by the University of paintings and other works of art which may be sent to the campus at Urbana-Champaign. Such an agreement has now been executed. An appropriation of \$9,000 is needed by the Physical Plant Department for the University's share of work to be done to provide storage facilities.

I recommend that such an appropriation be made.

On motion of Mr. Livingston, an appropriation of \$9,000 was made from the General Reserve Fund by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Doctor Meyer, Mr. Stevenson.

ADVISORY COMMITTEE FOR THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

(2) Mr. William Blackie, Vice-President of the Caterpillar Tractor Company of Peoria, has submitted his resignation as a member of the Advisory Committee of the College of Commerce and Business Administration to which he was appointed in July, 1950, along with other members of the present Committee. He regretfully asks to be relieved because the pressure of his own business will prevent him from giving the time required for effective service on the Advisory Committee.

On motion of Mr. McLaughlin, this resignation was accepted.

REQUEST OF TEXAS ILLINOIS NATURAL GAS PIPELINE COMPANY

Mr. Herrick presented a request which had come to him from attorneys for the Texas Illinois Natural Gas Pipeline Company for an easement for a pipe line to cross a part of the Robert Allerton Farms in Piatt County.

This matter was referred to the President of the University for consideration and report back to the Board.

OPEN SESSION

At this point the Board proceeded to consider, in open session, the following matters presented by the President of the University.

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

(1) President Stoddard presented the following report:

SECOND REPORT TO THE BOARD OF TRUSTEES ON CONDITIONS IN THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

GEORGE D. STODDARD

I

On June 22nd, at the request of the Board, I submitted a report on conditions in the College of Commerce and Business Administration. At the same time, the Board had before it the Harno report which was prepared by a committee of three faculty members appointed by the Provost on May 18th "to serve as a fact-finding group on the question of possible violation of academic freedom in the Department of Economics."

The question of academic freedom had not been raised through University channels or through the American Association of University Professors but had appeared in the press. The Harno committee devoted most of its 14-page report to this problem. It concluded that the issue "did not involve a question of academic freedom."

The Harno report stated further: "There was no issue relative to ideologies" and that "As a whole, young and old, the group is predominantly conservative." It said the breakdown was in administration and human relations; a solution was to be found in developing a "framework of mutual trust and respect."

Finally, the Harno report and my report to the Board indicated that a sincere attempt should be made to settle the differences. These differences did not revolve about academic freedom, indoctrination or the long-range program of the College; they centered in administrative acts involving a clash of personalities. As I said, "Although the public had been led wrongly to identify the problem, a problem existed."

The issue settled down to what really it had been from the beginning: a revolt against Dean Bowen and perhaps against some new appointments to the staff.

The acts of the elected members of the Executive Committee of the College bear this out. Meeting in my office the latter part of June, they presented oral complaints against Dean Bowen and, as a climax, accused him of a lack of integrity. I thought then, and I think now—with much water over the dam—that the evidence did not sustain any such charge. Their complaints more properly fell under the heading of disagreement with his choices, decisions, and procedures.

Since I shall not revert to this issue, let me summarize at this point:

From the Harno committee: "Dean Bowen is a man of high intelligence, high standards, and personal charm."

From the Advisory Committee of the College: "The integrity charge against the dean should be withdrawn."

II

There is some indication that the present controversy has its roots in the past. There was an Acting Dean of the College for a period of five years, together with a directive from the Board of Trustees to seek "an outstanding man, not at present on the University staff, for the deanship of the College" (1944).

During interim arrangements committees tend to grow in the assumption of power. What the powers of a dean and of the executive committee of a college are, in terms of the Statutes of the University of Illinois, is shown below:

"8. (a) The dean shall be the chief executive officer of the college, and he shall be responsible to the President for its administration.

(b) He shall be elected biennially by the Board of Trustees on nomination of the President. On the occasion of each such election, the President shall have the advice of the executive committee of the faculty concerned.

(c) (1) The dean shall call meetings of the faculty at such times as he or the executive committee may deem necessary, and shall preside over such meetings; (2) to the end that committee work may be reduced to a minimum he shall formulate and present to it policies for its consideration; however, the foregoing clause shall

not be interpreted to abridge the right of any member of the faculty to present any matter to the faculty; (3) he shall make reports on the work of the college; (4) he shall oversee the registration and the progress of the students in the college; (5) he shall be responsible to the President for the educational use of the buildings and rooms assigned to the college, and the general equipment of the college as distinct from that of the separate departments; (6) he shall serve as the medium of communication for all official business of the college with other university authorities, the students, and the public; (7) he shall represent the college in conferences, except that additional representatives may be chosen by the faculty for specific conferences; (8) he shall prepare the budget of the college in consultation with the executive committee of the college; (9) he shall recommend the appointment, reappointment, or promotion of the officers and members of the teaching staff. In the case of appointment, reappointment, or promotion to the rank of professor or associate professor, he shall make his recommendation after consultation with the chairman and executive committee, or with the heads of the departments concerned; in case the college has no departments, the dean shall make such recommendations after consultation with the executive committee of the college; recommendations to positions in the teaching staff shall ordinarily originate with the department, or, in cases of groups not organized as departments, with the officers in charge of the work concerned, and shall be presented to the dean for transmission with his recommendation to the President; (10) in case recommendations from the colleges are not approved by the President, the dean shall have, with the consent of the Board, the opportunity of presenting the same in person before the Board of Trustees in session."

* * *

"7. (f) There shall be an executive committee of two or more members, composed of or selected from the professors and associate professors in the college, elected annually by the faculty, to advise the dean in the administration of the college and to transact such business as may be delegated to it by the faculty. The dean shall be *ex-officio* a member and chairman of this committee."

Clearly the powers of a dean are substantial and to use them properly he needs full support.

The Board of Trustees has already received from me documents indicating that the elected members of the 1949-1950 Executive Committee of the College at times exceeded their powers. This view is held by the Executive Committee of the University Council.

There is, however, the question of interpreting this Statute: "On the occasion of each such election (of a dean), the President shall have the advice of the executive committee of the faculty concerned."

Every college executive committee across the University is free to offer such advice. Following the practice of my predecessor in what is probably a University tradition, I have assumed that once a dean is approved and in office the advice is to retain him unless there is advice to the contrary. There was no such negative indication regarding the renewal of Dean Bowen's contract in 1949, nor has there been, in four years, for any other dean at the time of his reappointment. (There was one positive recommendation on the reappointment of a dean.)

Such discussion or advice would be in order on the occasion of an election. In the case of Dean Bowen, the elected members of the Executive Committee sought action 14 months before the expiration of a two-year term. This item of business was not delegated to the Committee by the faculty. Subsequently, on October 15th, the Committee reported to the press: "At no time did we request that Dean Bowen's present contract be terminated."

With respect to all deans, it should be noted that, in spite of the short-term contract, their term of office is generally regarded as continuous, subject to termination for cause or through resignation. Few men of standing in any field would accept the post if, every two years, the full machinery of a selection *de novo* were to be put in motion. The office is not lightly accepted by teachers and scholars; it should not become an easy target for disaffected faculty members.

III

Acting within a frame of reference set up by the Board of Trustees and the President of the University to move forward to better service and higher distinction, the staff

of the College, under Dean Bowen's leadership, has to its credit some noteworthy accomplishments. They may not meet the eye or make the headline, but they are known to those best qualified to judge—to scholars and students and to practical men of business.

For example, there will be found

A. A remarkable improvement in the comparative rating of the Department of Economics (attested to by letters from Harvard, Yale, Columbia, Chicago, Johns Hopkins, Minnesota, Iowa, etc.).

B. Improvements in the undergraduate curriculum, including a four-year course in secretarial training.

C. Strengthening of the graduate program, including the Ph.D. in Business.

D. Establishment of the Business Management Service which, in its first two and one-half years, held 40 conferences of businessmen, sponsored 23 extension courses, and issued 22 bulletins.

E. Establishment this fall of a Planning Committee to review the aims and objectives of the College and to study personnel problems and procedures relating to appointments, promotions, budgets, and lines of communication. (The Executive Committee of the College did not assign to it the equally important problem of the organization of departments and bureaus.)

Now, all summer and fall we have held to the possibility of a working agreement built upon past achievements and plans for the future. A constructive plan was worked out jointly by the Provost, the Dean, and the Executive Committee of the College, but the Committee declined to ratify it or put it in force.

These measures, in short, have not been successful in bringing together the pro-Bowen and anti-Bowen groups.

A new peak of intransigence was reached at the open meeting of the Board of Trustees on November 24th. What happened there is fresh in the minds of us all, and I need not review it. Those supporting Dean Bowen felt that progress can best be made under his direction and that deterioration will set in speedily if his contract is not renewed. Those opposing Dean Bowen felt that most of the trouble stems from his deficiencies, such that assurance of his non-reappointment as Dean would resolve all problems that rise above the level of normal give-and-take in a College.

At the same meeting, Dean Bowen asked that an early decision be reached.

Accordingly, it seems to me that a formal recommendation is in order, although it has not been heretofore for these reasons:

A. Persons within and without the University were confused by irresponsible charges of loss of academic freedom, subversiveness, and indoctrination.

B. The spring of 1950 was not the time to consider the reappointment of the Dean.

C. The elected members of the Executive Committee of the College were behaving in an irregular fashion.

D. There was a prospect of agreement on ways to improve staff-administrative relations in the College.

Let me repeat, there are no Communists in the College of Commerce; there is no evidence of indoctrination. As far as I know, not a single statement of a professor in his field of competence has been challenged by anyone in authority. What has come to the foreground, with increasing definition, is the tactless remark, the personal criticism, the slight—real or imagined, the lapse of memory, the urge to move ahead—the Dean feeling obstructed by the Executive Committee and the Committee failing to represent divergent views in the faculty. Once the great issues were disposed of in June, these lesser complaints were exposed and they grew with repetition.

IV

In presenting certain recommendations, I should like to reassure any staff members and students inclined to give way to an "all-is-lost" reaction:

A. All administrative officers are expected to live up to the letter and the spirit of academic freedom.

B. Academic freedom is a two-way responsibility, calling for reliability on the part of all members of the University family.

C. Academic freedom does not embrace its self-destruction through disloyal subversive acts or doctrines.

D. An interest in growth and change—in *ideas*—will continue to be a mark of quality in any faculty.

E. Staff (academic and nonacademic) and administrative officers are expected

to work as a team in an atmosphere of mutual respect, but the worth of a professor will be judged primarily by the quality of his teaching, research, and public service.

F. In the words of the Advisory Committee, the College of Commerce and Business Administration "is a school of merit fully representative of a great state; it has a sound, progressive program well understood and supported by its entire staff, and there are no apologies to offer."

The Senate of the University on December 4th passed this resolution:

"The University Senate notes with grave concern the controversy that now prevails in the College of Commerce, and particularly the effects of that dispute on the interests and welfare of the University. It urges that when a decision on this dispute is made by the President and the Board of Trustees that decision be accepted as final."

I am reporting these decisions, with a request for the approval of the Board:

A. To follow the advice of the Executive Committee of the University Council and the Advisory Committee of the College of Commerce and Business Administration not to recommend Dean Howard R. Bowen for a new term of office.

B. In view of this, to accept the resignation of Dean Howard R. Bowen as Dean of the College of Commerce and Business Administration, effective January 1, 1951, in accordance with his letter of December 28, 1950, assigning him duties in research and instruction as a professor of economics.

C. To appoint Dr. Robert R. Hudelson, Professor of Agricultural Economics and Associate Dean of the College of Agriculture, Acting Dean of the College of Commerce and Business Administration, starting January 1st and continuing until a new dean takes up his duties, but not beyond August 31, 1951.

[The motion on page 488 is on the decisions stated in A, B, C, above. — Secretary's note.]

If the actions above are approved, I should like to say for the information of the Board that I propose:

A. To appoint a special committee of five to

1. Submit to me nominations for the deanship of the College. I shall have also the advice of the Executive Committee of the College.

2. Assist in planning the reorganization of the College, including a possible transfer of the Department of Economics to the College of Liberal Arts and Sciences, and to prepare a report for consideration of the Senate.

(I shall ask the following members of the faculty to serve on the Committee: Edward W. Cleary, Chairman, Professor of Law; Royden Dangerfield, Professor of Political Science and Director of the Institute of Government and Public Affairs; Charles J. Gaa, Professor of Accountancy; D. Philip Locklin, McKinley Professor of the Economics of Public Utilities; Gordon Ray, Professor of English and Head of the Department.)

B. Consistently with the advice of the Executive Committee of the University Council, to request the present elected members of the Executive Committee of the College in the interest of harmony to resign from the Committee and to declare themselves unavailable for membership for a period of one year.

C. To ask the College to proceed to elect a new Executive Committee which shall strive to reconcile the differences in the faculty.

December 28, 1950

President George D. Stoddard
355 Administration (W)

DEAR PRESIDENT STODDARD:

In accordance with your decision as accepted by the Board of Trustees, I hereby offer my resignation as Dean of the College of Commerce and Business Administration. In so doing, I request assignment to the Department of Economics, with duties in teaching and research.

In order that the work of the College may go forward under a new administration without delay, I suggest that the resignation be made effective January 1, 1951 rather than at the expiration of my present term of office.

In submitting my resignation, I wish to make it clear that I stand on the statement I presented at the November meeting of the Board of Trustees. I do not in any sense condone the unfair tactics, the false ideological issues, and the extraneous and improper pressures that have been employed by those who have sought my removal. Nevertheless, I accept the decision in good grace and as final.

Yours sincerely,

HOWARD R. BOWEN
Dean

On motion of Mr. Livingston, the decisions of the President, as presented in A, B, and C on page 487, were approved, and the resignation of Dr. Howard R. Bowen as Dean of the College of Commerce and Business Administration was accepted.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. FRANK CLINGAN FOLEY, Research Professor of Geology, Graduate College, beginning September 1, 1951, at an annual salary of \$750 (1/10 time) (A).

2. OLIVER D. GRACE, Assistant Professor in the Department of Veterinary Pathology and Hygiene, College of Veterinary Medicine and Agricultural Experiment Station, eight months beginning January 1, 1951, without salary (GY).

3. JOHANNA KROUT, Research Assistant Professor of Education, College of Education, ten months beginning December 1, 1950, at an annual salary of \$5,500 (GY).

On motion of Mr. Livingston, these appointments were confirmed.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(3) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard examination given in November, 1950, and who have fulfilled all other legal requirements under the Illinois Accountancy Act of 1943:

RICHARD JOHN ALBERTS
ROBERT JOHN BAUSCHELT
ROBERT CLARENCE BENSON
EDWARD WILLIAM BETTKE
GEORGE WILLIAM BOON
WARREN THOMAS BRIDGEWATER
JAMES THOMAS BROPHY
KENNETH CAMDEN
CLARENCE EDWARD CARLSON
FRANK MILO CLARK
EDWIN COHEN
DANIEL FRANCIS COLLINS
MELVIN HARRIS DASKAL
ALBERT DELIGHTER
LAURENCE OLIVER EAMES
ROBERT EUGENE ECK
JOSEPH ANTHONY ELBOW
EVERN HAROLD ELDEN
CARROLL DEAN ELDERNKAMP
MARVIN ROY ELSNER
JAMES HENRY FELT
HOWARD W. FERRELL
HERBERT GOLDSTEIN
CARL HERBERT GOLTERMANN
VIRGIL EDWIN GOODRICH
STEPHEN GEOFFREY GRAHAM
ROBERT JULIAN HELWIG
EDWARD LEE HIETT
ROBERT ARTHUR HOFFMAN
GUY CARLETON HYATT
DAVID FREDERICK JACKISCH
ALFRED JENSEN
WALTER CONRAD JOHNSON
EARNEST KINSEY JORDAN
ERNEST KANRICH
ERWIN JOSEPH KOHN
ABE KRITZER
ARTHUR ERNEST LANGE

GEORGE PATRICK LENNON
HAROLD LIPSCHULTZ
ISAAC YUREL LITTLE
WALTER WILLIAM LITTLE
RAY JOSEPH LYNCH
EDWARD LOSER MACLENNAN
EDWARD ROY MARSH
FRANCIS GEORGE MCCLURE
JAMES JOSEPH McDONALD
JAMES WILTON MCQUEEN
CARMEN RUSSELL MILANO
ROBERT DALE MILLER
WILLIAM PORTER MUMFORD
RICHARD EDMUND MURPHY, JR.
WAYNE DWIGHT NEATHERY
JACK BOYER NICHOL
HISASHI OCHI
THOMAS SIDNEY OEHRING
THOMAS JAMES O'SHEA
RAYMOND EDWARD PECORARI
OSCAR BLOOM PEDERSEN
SHELDON ELIOT PERLMAN
DELMAR DANIEL PETERSON
JOHN JOSEPH PRENDERGAST
WILLIAM REILLY
FREDERICK WILLIAM RICHARDS
GEORGE STANLEY RIEG, JR.
JOSEPH GEORGE ROSE, JR.
ROBERT EUGENE ROY
BENNIE ROZANSKY
HILARY HARRY SAX
EMANUEL SCHECHTMAN
PAUL EUGENE SCHNEIDER
ROBERT EUGENE SCHULTHEIS
HOWARD ARTHUR SCOTT
GEORGE WILLIAM SELLS
STANLEY CLYDE SHAPIRO
MARTIN JOSEPH SHIMELFARB

BEN BARD SHRAER
 EDWARD ANTHONY SIGLER
 SIDNEY S. SIMONS
 HERBERT SMERKINS
 DAWN ELEANOR SMITH
 JOSEPH SOCOL
 JOHN FRANCIS SPEVACEK
 PETER JOSEPH STANWYCK
 MELVIN HERBERT STEIN
 GEORGE ROBERT STEPHENSON
 QUENTIN C. STURM
 PAUL SUGAR
 WILLIAM JOHN SUHAJDA
 MEYER TOBIN

ANDREW TURES, JR.
 JEROME WILLIAM VAN GORKOM
 WESLEY EARL VOSS
 RICHARD DONALD WARRINGTON
 MARLIN DALE WATT
 GERALD ALVIN WEINSTEIN
 THOMAS JOSEPH WEIS
 CLAUDE LORRAIN WESTENSKOW
 WILLIAM THEODORE WHITE, JR.
 CHARLES WILLARD WINGE
 RANSOM BLISS WOODS
 SI RICHARD WYNN
 JOHN ZYLSTRA

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

HERBERT GEORGE BOWLES (Calif.)	REUBEN HYMAN KRAKO (D.C.)
MAX COHEN (Mo.)	VAINO EMIL LAINE (Ind.)
ISADORE WILLIAM GOLDBERG (D.C.)	MARTIN THOMAS WALSH (Ind.)

I concur.

On motion of Mr. Nickell, these certificates were awarded, as recommended.

DEPARTMENT OF OCCUPATIONAL THERAPY

(4) The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend that the work in occupational therapy now in the Department of Physical Medicine and Rehabilitation be set up as a separate Department of Occupational Therapy.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

RESIDENCE AND CREDIT REQUIREMENTS FOR A SECOND MASTER'S DEGREE

(5) The University Senate has approved for presentation to the Board of Trustees the establishment of the following minimum residence and credit requirements for a second master's degree recommended by the Graduate College:

A graduate student who holds a master's degree from the University of Illinois or from another accredited institution and who desires to become a candidate for a second master's degree from the University of Illinois in a different field, must meet these requirements:

1. Two semesters or the equivalent in residence at the University of Illinois.
2. Satisfactory completion of at least six units of work beyond those submitted in partial fulfillment of the requirements for the first master's degree, of which four must be in the major field.

By petition, two units in the minor or major which were completed in partial fulfillment of the requirements for the first master's degree may be accepted. Students who obtained the first master's degree at an institution other than the University of Illinois must establish credit in these two units by direct examination.

I concur.

On motion of Mr. McLaughlin, these requirements were approved, as recommended.

REVISED UNDERGRADUATE CURRICULA IN THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

(6) The University Senate has approved for presentation to the Board of Trustees recommendations from the faculty of the College of Commerce and Business Administration for revisions of undergraduate curricula in the following fields of concentration:

<i>Field</i>	<i>Degree</i>
Accountancy For those who are preparing to follow governmental, industrial, commercial, or public accounting, or who wish to use the field of concentration in accountancy as a general training for a career in business.	Bachelor of Science in Accountancy
Commerce and Law For those who wish to combine commercial and legal studies and obtain both the degrees of Bachelor of Science and Bachelor of Laws in six years. In their fourth year, students who have earned at least 100 credit hours in prelaw work will be regularly registered in the College of Law, but must file copies of their program cards in the office of the Dean of the College of Commerce and Business Administration at the beginning of each semester.	Bachelor of Science in Commerce and Law
Economics of Regulated Enterprises For those wishing to prepare to enter public utility, transportation, or communication industries or regulatory agencies of the government.	Bachelor of Science in Economics
Economic Theory For those who desire broad training in economic theory.	Bachelor of Science in Economics
Finance For those who desire a broad undergraduate preparation in public finance, banking, or business finance.	Bachelor of Science in Finance
General Economics For those who wish a general course of study in economics.	Bachelor of Science in Economics
Industrial Administration For those who desire to combine commerce with engineering or with other technical work in an integrated program.	Bachelor of Science in Industrial Administration
Insurance For students preparing for a career in the insurance business.	Bachelor of Science in Economics
Labor Economics For those desiring to make a career in some phase of labor-management relations — in government service, industry, or the academic professions.	Bachelor of Science in Economics
Management For those who desire a broad undergraduate preparation in management.	Bachelor of Science in Management
Marketing For those planning to engage in any of the phases of marketing.	Bachelor of Science in Marketing
Personnel Management For those who wish to study the problems which arise out of the relationships between employer and employee, or who wish to prepare themselves for affiliation with personnel departments in industry, commerce, or public or private institutions.	Bachelor of Science in Management
Secretarial Training For those who wish to prepare for secretarial work requiring a high degree of technical skill and broad business education.	Bachelor of Science in Secretarial Training
Statistical Economics For those who are preparing to do quantitative research in the fields of economics and business.	Bachelor of Science in Economics
Teaching For those who wish to prepare to teach commercial subjects.	Bachelor of Science in Commercial Training

The revisions will be put into effect gradually, as conditions permit, beginning with the academic year 1951-1952. The new requirements will be applicable to stu-

dents enrolling in the College of Commerce and Business Administration for the first time after September 1, 1951.

These curricular revisions represent more than a year's study by the College of Commerce faculty and its Committee on Courses and Curricula and by the Senate Committee on Educational Policy. I submit also a statement prepared for the Senate by its Committee on Educational Policy summarizing these proposals. The documents giving the details of the courses required or recommended in each curriculum, as submitted by the College faculty, have been filed with the Secretary of the Board.

I concur.

On motion of Mr. Herrick, these curricular revisions were approved, as recommended by the College faculty and the University Senate.

APPROPRIATION BY THE ATHLETIC ASSOCIATION

(7) The Board of Directors of the Athletic Association has approved an appropriation of \$3,000 from the reserve fund of the Athletic Association to pay the Alumni Association for services rendered the Athletic Association.

I recommend approval of this appropriation.

On motion of Mrs. Holt, this assignment of funds was approved.

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

(8) The Governor has approved the following release of funds from appropriations made by the University of Illinois for 1949-1951 for buildings and other capital improvements:

Release No. 48

"For Permanent Improvements at Chicago—Construction of Utility Distribution System and remodeling of existing buildings"..... \$ 73 808
This is a final release from an appropriation of \$190,000. The Governor has previously released (Releases Nos. 10, 26, 28, 35, 38, and 45) \$116,192 from this appropriation. The funds now released are for the remodeling of existing buildings necessitated by the new steam distribution system in Chicago.

Release No. 49

"For Permanent Improvements at Chicago—Construction of addition to present hospital"..... 583 171
This is a partial release from an appropriation of \$7,395,000. The Governor has previously released (Releases Nos. 8, 15, 17, and 19) \$6,280,508.18 from this appropriation. The funds now released are for work necessary to complete the structural connection and coordination with the present hospitals, including remodeling of quarters in existing buildings.

Release No. 50

"For Equipment for Buildings at Urbana-Champaign and Chicago"..... 14 000
This is a partial release from an appropriation of \$680,000. The Governor has previously released (Releases Nos. 2, 18, 40, 43, 44, and 46) \$188,253.65 from this appropriation. The funds now released are for equipment in buildings at Chicago.

I recommend that the funds released be appropriated for the purposes specified.

On motion of Mr. Livingston, these funds were appropriated, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Doctor Meyer, Mr. Stevenson.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(9) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

Urbana-Champaign

1. Remodeling in Gregory Hall for Placement Bureau (College of Education)	\$10 500
2. Remodeling and improvements in the Department of Bacteriology.....	13 492
3. Publication of a University stylebook of English (proposed by the Committee on Student English).....	2 700
4. "Wired wireless" station for the School of Journalism and Communications	2 500
5. Remodeling in David Kinley Hall (College of Commerce).....	2 050
6. Instrument lockers for School of Music.....	7 500
7. Physical Plant Department	21 200
Purchase of air compressor.....	\$ 4 000
Purchase of projection equipment.....	3 200
Purchase of reserve transformers.....	4 000
Engineering services for water reclamation improvements to meet provisions of contract approved by the Board April 21, 1949.	10 000

Chicago Professional Colleges

8. Addressograph equipment for Research and Educational Hospitals.....	8 700
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It is recommended that assignments for these items be made from the General Reserve Fund.

I concur.

On motion of Mr. Hickman, these appropriations were made, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Doctor Meyer, Mr. Stevenson.

APPROPRIATION FOR UNIVERSITY LIBRARIES

(10) In the preparation of the internal operating budget for 1950-1951, it was necessary to ask for reductions in the estimates submitted by the Deans and Directors in order to balance the budget as a whole. A large reduction was made in the budget for University libraries with the expectation that it would be possible during the course of the year to make some adjustments. The Director of the Library has submitted a request for an addition of \$37,000 to be distributed as follows:

General Research.....	\$10 000
Photographic Reproductions.....	1 000
Periodicals.....	13 000
Binding.....	10 000
Departmental Allocations.....	3 000
<i>Total</i>	<u>\$37 000</u>

This is based on convincing data on rising costs of books, periodicals, and binding and on appropriate provisions for new staff members and new lines of work.

I recommend that an appropriation of \$37,000 be made to the Library as a permanent increase in its present budget.

On motion of Mr. Nickell, this appropriation and adjustment in the budget were authorized by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Doctor Meyer, Mr. Stevenson.

APPROPRIATION AND CONTRACTS FOR NEW RADIO STATION TRANSMITTER BUILDING AND TOWER CONSTRUCTION

(11) The Board of Trustees has authorized the purchase of a steel tower for television and FM antenna equipment and of a transmitter for University broadcasting. These new facilities will be located at Robert Allerton Park and will require a new building to house them.

An appropriation of \$75,159, based upon the best estimates of cost that could be made at the time, was made by the Board on February 16, 1950. Present indications are that an additional appropriation of \$15,839 will be required to complete the project. Major differences are the excess costs, over estimates, of construction of the

transmitter building, \$9,175, and of tower bases and moving the tower, \$12,800. A part of this increased cost can be absorbed by savings in other items.

The Director of Broadcasting, the Dean of Communications, the Provost, and the Comptroller recommend that a supplementary appropriation be made.

The Director of the Physical Plant and the Comptroller recommend award of contracts to the lowest bidders as follows for the construction of a new transmitter building for radio station WILL at Robert Allerton Park and for concrete footings to secure and hold the new tower recently purchased:

General work on the building and for the footings—Contracting Construction Company, Danville.	\$27 243 00
Plumbing work—E. E. Hubbard and Son, Monticello.	980 40
Electrical work—Anderson Electric Company, Urbana.	6 032 00

I recommend that a supplementary appropriation of \$15,839 be made from the General Reserve Fund for this purpose and that the Comptroller and the Secretary of the Board be authorized to execute the contracts.

On motion of Mr. Livingston, these contracts were authorized, as recommended, and an appropriation of \$15,839 was made from the General Reserve Fund by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, Mr. Nickell; absent, Doctor Meyer, Mr. Stevenson.

CONTRACTS FOR CONSTRUCTION OF VETERINARY MEDICINE BUILDING ANNEX

(12) The Director of the Physical Plant and the Comptroller recommend the award of the following contracts for the construction of an annex to the Veterinary Medicine Building to house the autopsy room and related activity:

General work—John Felmley Company, Bloomington.	\$180 000
Plumbing work—W. T. Mahoney and Sons, Chicago.	38 871
Heating, ventilating, and refrigeration—National Korectaice Company, Chicago.	69 214
Electrical work—Square Deal Electric Company, Urbana.	20 785

All are the lowest bidders and are the contractors in their respective crafts for the building now under construction.

Funds are available in the state appropriation for "Construction of Veterinary Science unit," subject to their release by the Governor.

I concur and recommend that the Comptroller be authorized to execute changes in the present contracts for the construction of the Veterinary Medicine Building to include the above work on the annex.

On motion of Mrs. Watkins, these contracts were authorized, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Doctor Meyer, Mr. Stevenson.

CONTRACT FOR ELECTRICAL WORK IN ILLINI HALL

(13) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$36,193 to the Leverenz Electric Company, Danville, for extension of a new electrical distribution system to Illini Hall as part of the program of the utility distribution system extensions on the Urbana campus. This work will provide a new electrical service to the building, the installation of a new transformer and of a new main distribution system to the panel boards on each floor. The wiring from the panels to individual outlets will be done later as a part of the interior remodeling of the building. Illini Hall is more than forty years old, and its electrical system should be replaced throughout.

Funds are available in the state appropriation for "Construction of extensions to Utility Distribution Systems."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

The Anderson Electric Company, Danville, submitted the lowest bid of \$22,660. The bids were opened on December 12, and the following day the Company notified

the Physical Plant Department that the Company had made an error in totaling its figures and requested that the bid be withdrawn. The Company will forfeit, without contest, the deposit of \$1,133.

The Brunkow Electric Company, Champaign, submitted the next lowest bid of \$36,000 but did not comply with all conditions of the bidding by failing to supply a certified check, offering a bid bond instead, which the bid documents specifically state is not acceptable.

On motion of Mrs. Holt, this contract was authorized as recommended.

CONTRACT FOR UTILITIES DISTRIBUTION SYSTEM IN URBANA

(14) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$19,629 to the Potter Electric Service, Urbana, for modernization of the transformer vault serving Busey and Evans Residence Halls. This is part of the construction of extensions of the Utilities Distribution System at Urbana.

Funds are available in the state appropriation for "Construction of extensions to the Utility Distribution Systems."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

The Leverenz Electric Company, Danville, submitted a bid of \$15,995. The bids were opened on November 20, 1950. On December 6 the Company wrote that a mistake had been made in figuring this job and requested withdrawal of its bid and return of the deposit. Under the terms of the bidding, this deposit is not refundable.

Mr. Livingston offered the following motion: The Leverenz Electric Company was the lowest bidder on this project. However, Mr. Leverenz has indicated his refusal to perform. In view of this and as bids were opened on November 20, 1950, and the University had the right to hold bids for forty days only, I move that the contract be awarded to the Potter Electric Service, Urbana, and that the Leverenz Company's bid deposit be retained by the University as liquidated damages for his failure to perform in accordance with the terms of his bid.

This motion was adopted.

CONTRACT FOR POWER PLANT ADDITION

(15) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$6,220 to E. N. DeAtley, Champaign, the lowest bidder, for the construction of a new room in the west end of the Physical Plant Service Building (the old power plant) to house a new D.C. motor generator set, the purchase of which has previously been authorized by the Board.

Funds are available in the state appropriation for "Additions to Power and Heating Plant and remodeling of existing buildings."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Fornof, this contract was authorized as recommended.

CONTRACT FOR TUCK POINTING AND CLEANING OF EXTERIOR OF SECOND UNIT OF DENTISTRY, MEDICINE, AND PHARMACY BUILDING

(16) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$2,565 to White Building and Maintenance Corporation, Chicago, the lowest bidder, for tuck pointing and cleaning of the exterior of the second unit of the Dentistry, Medicine, and Pharmacy Building. This work is necessary to correct moisture conditions and to prevent further deterioration of exterior walls and stonework. It will be the second phase of a tuck pointing and maintenance program started last year.

Funds are available in the Physical Plant budget for this work.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. McLaughlin, this contract was authorized as recommended.

CONTRACT FOR REMODELING IN GREGORY HALL

(17) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$7,840 to C. A. Petry and Sons, Champaign, the lowest bidder, for remodeling of two rooms in Gregory Hall to provide more adequate quarters for the Teacher Placement Office.

The appropriation for this work is included in the recommendations of the Committee on Nonrecurring Appropriations which have been submitted separately.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Holt, this contract was authorized as recommended.

**CHANGE IN CONTRACT FOR PIPING INSTALLATIONS
IN POWER PLANT ADDITION**

(18) The Director of the Physical Plant and the Comptroller recommend the addition of \$1,350 to the contract with the W. A. Pope Company, Chicago, for piping installations in the power plant addition to provide for the extension of the dust removal line from one smokestack to the other. This was not included in the original contract because the details required for the engineering and layout were not available until after completion of the drawings and specifications for the second chimney.

Funds are available in the state appropriation for "Additions to Power and Heating Plant and remodeling of existing buildings."

I concur and recommend that the Comptroller be authorized to execute this change.

On motion of Mr. Herrick, authority was given as recommended.

**ADDITION TO ELECTRICAL CONTRACT FOR
ANIMAL SCIENCES LABORATORY**

(19) The Director of the Physical Plant and the Comptroller recommend an increase of \$4,322.18 in the contract with the Square Deal Electric Company for the electrical work in connection with the construction of the Animal Sciences Laboratory, to provide for the electrical installations required for additional ventilating equipment in three rooms, for the cost of additional electrical work required in the rearrangement of rooms and equipment changes in the third and fourth floors of the east wing.

The contract changes have been checked by the architects and they report the price is a reasonable charge. Funds are available in the state appropriation for the construction of the building.

I concur and recommend that the Comptroller be authorized to execute this contract addition.

On motion of Mr. Livingston, authority was given as recommended.

EASEMENT TO THE MEDICAL CENTER STEAM COMPANY

(20) In connection with the construction of a distribution system for the Central Steam Company on the Professional Colleges campus in Chicago which is being constructed under a contract with the Commonwealth Edison Company, an easement is needed from the University to the Steam Company giving the Steam Company the right to construct certain tunnels and service pipes on land owned by the University.

The proposed easement has been approved by the Assistant to the Legal Counsel of the University, and the Comptroller and the Director of the Physical Plant recommend that the easement be granted.

I concur and request authorization for the Comptroller and the Secretary of the Board to execute the necessary documents.

On motion of Mrs. Watkins, this easement was granted and authority was given as recommended.

AIR LINE SERVICE AT UNIVERSITY OF ILLINOIS AIRPORT

(21) The Board of Trustees on June 22, 1950 (Minutes, page 1183), authorized a contract with the Parks Air Lines of East St. Louis for the use of University of Illinois Airport facilities in the operation of an air line service. This contract was assumed by the Ozark Air Lines when they took over the service. Ozark Air Lines

requests an additional temporary contract for the period January 1 through June 30, 1951. The Director of the Institute of Aviation has negotiated this contract and recommends the following schedule of charges:

	<i>Present Contract</i>	<i>Proposed Contract</i>
	<i>January 1-</i>	<i>June 30, 1951</i>
	<i>Monthly Charge</i>	<i>Monthly Charge</i>
General Service.....	\$600	\$1 100
Landing Fees (\$75 a schedule).....	600 (based on	450 (based on
(\$100 for each of the first two schedules; \$50	present	present
each for the next four schedules; and \$25 for	schedules)	schedules)
remaining schedules)		

The general service to be furnished by the University will include representation of Ozark Air Lines at the Airport, including local ticket sales, battery cart service, line service, baggage handling, telephone and teletype service, weather observations, provision of waiting room facilities, public address announcements, public protection, and fire protection.

On motion of Mr. McLaughlin, this schedule of charges was approved and extension of the contract on that basis was authorized as recommended.

PLAQUE IN EAST CHEMISTRY BUILDING

(22) The Department of Chemistry recommends that a bronze plaque be installed in the entrance to the East Chemistry Building dedicating the Laboratory of Chemistry and Chemical Engineering to the memory of the late Professor Samuel Wilson Parr, a distinguished member of the Department of Chemistry at the University of Illinois. The name of the building will remain East Chemistry Building.

I concur.

On motion of Mr. Fornof, this recommendation was approved.

SALE OF OLNEY AGRICULTURAL EXPERIMENT FARM

(23) The University owns approximately ninety-six acres of land near Olney, Illinois, which has been in use since it was purchased in 1909 as an experimental fruit farm by the Department of Horticulture. The Head of the Department of Horticulture and the Dean of the College of Agriculture and Director of the Agricultural Experiment Station recommend that operation of this farm be discontinued and the land sold. To conclude its work the University will need a limited period of time, probably through the 1951 crop season, and this reservation should be made in the sale.

I recommend that this matter be referred to the Committee on Agriculture with authorization to secure an appraisal and submit a recommendation to the Board as to selling price and conditions of the sale.

Olney Experiment Farm

<i>Tract</i>	<i>Date Purchased</i>	<i>Number of Acres</i>	<i>Original Purchase Price</i>	<i>Total Cost</i>
Land:				
33	December 14, 1909.....	76.35	\$4 875 00	\$ 4 875 00
40	June 27, 1910.....	19.11	1 800 00	1 800 00
193	November 7, 1931.....	.85	75 00	75 00
<i>Total cost of land.....</i>		<i>96.31</i>	<i>\$6 750 00</i>	<i>\$ 6 750 00</i>
Buildings:				
House.....				\$ 4 500 00
Barn.....				2 225 00
Electrical Plant and Equipment.....				220 00
Chicken House.....				12 00
Improvements to Buildings.....				183 10
<i>Total estimated value of buildings.....</i>				<i>\$ 7 140 10</i>
<i>Total cost of land and buildings.....</i>				<i>\$13 890 10</i>

On motion of Mrs. Holt, the Committee on Agriculture was re-

quested to secure an appraisal and submit a recommendation to the Board.

SALE OF RESIDENCE PROPERTIES

(24) Since 1947 the Board of Trustees has purchased a number of residences and has also constructed others for rental to members of the staff. This was done to meet an emergency situation.

It was contemplated that the properties would be sold when housing conditions improved sufficiently. On recommendation of the Provost, the Comptroller, and the Director of the Physical Plant, I have approved the following procedure to govern such sales, each sale to be presented to the Board for prior approval.

This plan does not apply to the Small Homes Council Staff Housing Research area at Florida Avenue and Race Street or to houses located in areas of campus expansion.

University of Illinois Procedure to Govern Sale of Residence Properties

A. Sale to Occupant

Any occupant of a house which the University is willing to sell may submit a request to purchase. Such a sale will be made to him provided the price is not less than the purchase (or construction) cost of the property, plus capital improvements, special assessments, and costs of sale. (This provision will not apply to the six houses on Hessel Boulevard financed in part by federal funds. Special procedures will be required for these houses.)

B. Sale to Non-occupant

Any house may be offered for sale whenever the staff member to whom it is assigned gives it up and no other assignment for it is pending; provided that before a property is offered for sale, the matter will be reported to the Provost for review and approval.

1. An effort will be made to recover not less than the original purchase cost of the property plus capital improvements, assessments for local improvements, and expense of sale.

2. An informal appraisal by the University's real estate adviser will be secured. If this appraisal indicates that comparable properties have advanced in value since this property was purchased, an effort will be made to secure a price conforming to the appraisal, but not less than cost.

3. Public notice of the desire of the University to sell the property will be given in the *Official Notices and Weekly Calendar* and the *Illini Worker* inviting sealed offers by a specified date for the purchase of the property, including terms of payment and other conditions. The University will reserve the right to reject all offers.

On motion of Mr. Livingston, this procedure was authorized as recommended.

REVISION OF WORKMEN'S COMPENSATION ACT

(25) The Illinois Workmen's Compensation Act in its present form includes as employees to whom the benefits of the Act are extended, the following provision with respect to persons in the employ of the University of Illinois:

"First — Every person in the service of the State, including all persons in the service of the University of Illinois on and after January 25, 1933 except members of the instructional, research, and administrative staffs thereof when not, at the time of injury, actually engaged in an occupation declared to be extra-hazardous in Section Three (3) of this Act, . . ."

The extra-hazardous occupations referred to in this description are defined in the Act as follows:

"1. The erection, maintaining, removing, remodeling, altering or demolishing of any structure, except as provided in sub-paragraph 8 of this section.

"2. Construction, excavating or electrical work, except as provided in sub-paragraph 8 of this section.

"3. Carriage by land, water or aerial service and loading or unloading in connection therewith, including the distribution of any commodity by horse-drawn or motor driven vehicle where the employer employs more than two employees in the enterprise or business, except as provided in sub-paragraph 8 of this section.

"4. The operation of any warehouse or general or terminal storehouses.

"5. Mining, surface mining or quarrying.

"6. Any enterprise in which explosive materials are manufactured, handled or used in dangerous quantities.

"7. In any enterprise wherein molten metal, or explosive or injurious gases or vapors, or inflammable vapors or fluids, or corrosive acids are manufactured, used, generated, stored or conveyed in dangerous quantities.

"7½. Any enterprise in which sharpened cutting tools, grinders or implements are used, including all enterprises which buy, sell or handle junk and salvage, demolish or reconstruct machinery, except as provided in sub-paragraph 8 of this section.

"8. In any enterprise in which statutory or municipal ordinance regulations are now or shall hereafter be imposed for the regulating, guarding, use or the placing of machinery or appliances or for the protection and safe-guarding of the employees or the public therein; each of which occupations, enterprises or businesses are hereby declared to be extra hazardous: Provided, nothing contained herein shall be construed to apply to any work, employment or operations done, had or conducted by farmers and others engaged in farming,* tillage of the soil, or stock raising, or to those who rent, demise or lease land for any such purposes, or to any one in their employ or to any work done on a farm or country place, no matter what kind of work or service is being done or rendered.

"9. Any enterprise, business or work in connection with the laying out or improvement of subdivision of tracts of land.

"10. Any enterprise for the treatment of cross-ties, switch-ties, telegraph poles, timber or other wood with creosote or other preservatives."

* Only applies when less than 5 employees.

The Committee on Accident Compensation for employees is finding it increasingly difficult to follow and apply fairly this differentiation in the treatment of accident cases. Strictly the entire teaching, administrative, and research staff of the University would be excluded from any compensation for accidents, even though they arose "out of and in the course of employment" (as required by the Act) unless the individual at the time of the accident was actually engaged in extra-hazardous work as specifically defined in the Act. Definition of "extra-hazardous" as is stated in the Act is not readily applicable to the University. The University is the only educational institution or department of the state that is so restricted. The growth of the activities of the University, particularly in the field of research and state-wide service, is resulting in situations which would make the Act inequitable to staff members in many instances if strictly applied.

The Committee recommends that legislation be sought which will remove the above-described restriction, thus making the provisions of the Act applicable to any person in the employ of the University of Illinois, as to any accidents arising "out of and in the course of" their employment.

I concur and request authority to prepare and endeavor to secure such legislation.

On motion of Mr. Hickman, authority was granted as recommended.

CHANGES IN UNIVERSITY CIVIL SERVICE LAW

(26) The University Civil Service Law, represented by an amendment of the general State Civil Service Law approved in 1941, provides that there be a separate Civil Service of the University administered by the Board of Trustees, acting in the capacity of Civil Service Commission. While in general the operations of the new law have been satisfactory, there have been some difficulties and some objections in principle to the fact that civil service responsibilities are placed upon the identical body which is in charge of employment and direction of employees. In the last session of the General Assembly, a bill was introduced and received serious consideration which would have set up a University Civil Service Commission entirely independent of the Board of Trustees.

The Director of Nonacademic Personnel and the Comptroller, after discussion with both the Urbana-Champaign and the Chicago Nonacademic Advisory Committees, recommend that the University take the initiative in securing a change in the present law which will provide for a University Civil Service Commission of Illinois, members of which should be appointed by the governing boards of the institutions covered.

Meanwhile, the other five state-supported institutions of higher education in Illinois have become actively interested in the possibility of transferring their non-academic employees to the University Civil Service System, thus providing a single higher education civil service system in Illinois. The Presidents and Business Mana-

gers of all the institutions involved have endorsed the proposal and submitted it to their governing boards, and both boards have approved the recommendation. The University has about 4,000 nonacademic employees, and the other institutions have about 500.

As a tentative plan, it is proposed that there be created a University Civil Service System of Illinois governed by a Civil Service Commission consisting of representatives of the Board of Trustees of the University of Illinois appointed by that Board, and representatives of the governing boards of any other institutions included, appointed by those Boards. This Commission would assume all functions of the Board of Trustees of the University of Illinois under the present law relating to Civil Service matters, such as approve classifications and salary ranges, to give examinations, to certify those eligible for appointment, and to consider discharges, appeals, and other appropriate matters. It would make its rules and regulations and secure an appropriation to carry out its work. The Civil Service features of the present Office of Nonacademic Personnel at the University would be transferred to this body. Matters of employee welfare would continue to be an institutional responsibility. While such a new commission should have the unrestricted right to appoint its own staff, it is reasonable to suppose that Civil Service functions presently provided by the Office of Nonacademic Personnel at the University might be expanded through that office to provide services on a state-wide basis without actual duplication of staff.

I recommend that this proposal be referred to the Committee on Civil Service and Employees.

On motion of Mrs. Watkins, this matter was referred to the Committee on Civil Service and Employees for consideration, and the Committee was requested to report its recommendation to the Board at the January, 1951 meeting.

At this point, Mr. Nickell asked to be excused and withdrew from the meeting.

PURCHASES

Purchases Authorized

(27) The following purchases were authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One truck, 1½ ton, stake and platform body, complete with heater and defroster, oil bath air cleaner, oil filter and turn indicators, less allowance for vehicle No. 761, a 1938 International truck, 1½ ton capacity	Extension Service in Agriculture and Home Economics	C. L. Cochran & Son (Studebaker), Champaign	\$1 909 15
One autoclave, single wall, inside dimensions 21½" diameter x 38" length, direct steam automatic control, full door opening with safety door lock; body to be of seamless, cold drawn copper shell, complete with stand, two monel trays full length, top one divided to accommodate large flasks, thermometer, gauge, discharge pipe, regulator ready for connection to steam line and waste line, same as or similar to Wilmot Castle No. 2238-L or equal in American, Ohio Chemical, or others	Animal Science	American Sterilizer Co., Chicago	1 286 30 f.o.b. Urbana
Two autoclaves, single wall, inside dimensions 17½" diameter x 26" length, capacity of 6254 cubic inches, direct steam automatic control, full door opening with safety door lock; body to be of seamless, cold drawn copper shell, complete with stand, two monel trays full length, top one divided to accommodate large flasks, thermometer, gauge, discharge pipe, regulator ready for connection to steam line and waste line, same as or similar to Wilmot Castle No. 1826-L or equal in American, Ohio Chemical, or others	Botany	American Sterilizer Co., Chicago	1 613 00 f.o.b. Urbana

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One model "L" Spinco ultra centrifuge, type No. 140 rotor including refrigeration unit	Bacteriology, Chicago Professional Colleges	Specialized Instrument Co., Belmont, Calif.	4 210 00 f.o.b. Belmont, Calif.
12,000 lbs. lead bricks, 2" x 4" x 8" to be squared to plus or minus $\frac{1}{4}$ " and dimensions to be plus or minus $\frac{1}{4}$ "	Physics	Division Lead Co., Chicago	2 310 00 f.o.b. Chicago

On motion of Mr. McLaughlin, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of the lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
5,000 copies, set 4, (less unit 114) "Better Farming"	Agricultural Administration	Cushing-Malloy, Inc., Ann Arbor, Mich.	\$1 030 00 f.o.b. Urbana
35 tons 20 per cent superphosphate to be spread at rate of 500 lbs. per acre	Dairy Science	Champaign County Feed Co., Urbana	1 295 00
One spectrophotometer, DU quartz type, range 320 to 1000 millimicrons, 115 volts, 60 cycle with dust cover	Entomology	E. H. Sargent & Co., Chicago	1 502 90 f.o.b. Urbana
One ultra-violet accessory set, range 220 to 350 millimicrons, complete with dust cover			
One each centrifuge, laboratory, refrigerated to 0 degrees centigrade, portable, PRI size, 115 volts, 60 cycle, single phase, suitable for use with interchangeable accessories	Food Technology	E. H. Sargent & Co., Chicago	1 775 00 f.o.b. Urbana
20 storage cases, special, steel construction, 36" wide x 75 $\frac{3}{4}$ " high x 15 $\frac{3}{4}$ " deep, two rows shelf slides each to accommodate 42 drawers, gray finish	Geology	Jack Sheean, Bloomington	2 736 00 f.o.b. Urbana
One 17" x 30" lathe with 200 V, 60 cycle, 3 phase, a.c. motor, 3 jaw drill chuck and arbor 0"- $\frac{3}{4}$ ", 3 jaw Universal chuck, 4 jaw independent chuck; collets (11) $\frac{1}{16}$ "-1 $\frac{3}{8}$ " by 64ths; large, steady rest, follow rest, thread chasing dial, telescopic taper attachment	Mining and Metallurgical Engineering	R. K. LeBlond Machine Tool Co., Chicago	3 867 72 f.o.b. Cincinnati, Ohio
61,000 one watt fixed composition resistors	Physics	Allen-Bradley Co., Chicago (Manufacturer)	2 280 00 f.o.b. Milwaukee, Wis.
17,000 two watt fixed composition resistors			
One 16 mm. sound-on-film recorder	Photography	J. A. Maurer, Inc., Long Island City, N.Y.	5 125 00 f.o.b. Long Island City, N.Y.
One RCA BTL 1A STL equipment to operate on 952 mc, complete with 72-inch reflectors for transmitter and receiver, tubes, crystals for transmitter and receiver, adaptors on antennae for $\frac{1}{4}$ -inch 51.5 ohm air-dielectric line; transmitter and receiver terminated for coupling to $\frac{1}{4}$ -inch air-dielectric line	Radio Station	Radio Corporation of America, Camden, N.J.	4 150 00 f.o.b. Camden, N.J.
Drilling well and installing 6" casing at Radio Station transmitter site, Robert Allerton Park, Monticello, Illinois; approximately 150 feet of drilling estimated	Radio Station	Hays and Sims, Champaign	1 286 25 (estimated)
One Sharples T-1A-P centrifuge, one Roller-Smith balance, three serological water baths and accessory items	Bacteriology, Chicago Professional Colleges	Arthur S. LaPine & Co., Chicago	3 048 53 delivered
One laboratory glassware washer complete with automatic timer, thermostat, and accessories	Bacteriology, Chicago Professional Colleges	Heinicke Instrument Corp., Rochester, N.Y.	1 937 00 f.o.b. Rochester, N.Y.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One Tiselius electrophoresis apparatus research model and eight selected accessory items	Biological Chemistry, Chicago Professional Colleges	Frank Pearson Associates, New York, N.Y.	6 126 00 f.o.b. delivered and installed
One portable sonic vibrator similar to 9 kc. magnetostriction oscillator	Pathology, Chicago Professional Colleges	Raytheon Manufacturing Co., Waltham, Mass.	1 100 00 f.o.b. Waltham, Mass.
Betatron X-ray tube, less allowance for used tube	Radiology, Chicago Professional Colleges	Picker X-ray Corp., Chicago	3 000 00 (net) f.o.b. West Allis, Wis.
Seven model 25 Grinnell 57" upright pianos	School of Music	Grinnell Bros., Detroit, Mich.	3 584 00 f.o.b. Detroit
248—12" x 18" x 60" lockers for installation in the new Veterinary Medicine Building	Physical Plant	Jack Sheean, Bloomington	2 423 34 f.o.b. delivered
Laboratory furniture consisting of fume hoods and stands	Physical Plant	Walrus Manufacturing Co., Decatur	15 371 28 f.o.b. Urbana
4,000 board feet clear maple flooring, 3/4" x 2 1/4"—random lengths with tongue and groove, kiln dried	Physical Plant	Thompson Lumber Co., Champaign	1 100 00 f.o.b. delivered
27,283 board feet No. 1 kiln dried fir, S&S, with square ends and eased edges	Physical Plant	Illini Lumber Distributors, Champaign	3 032 78 f.o.b. cars Champaign
98 feet (approximate) prefabricated and insulated underground steam pipe (3" steam pipe and 1 1/4" return)	Physical Plant	E. B. Kaiser Co., Chicago	1 866 00 f.o.b. Chicago
One prefabricated and insulated 90 degrees elbow, 12" diameter			
40,000 gallons No. 6 fuel oil (to be stored in tanks at Abbott Power Plant for use in oil burning equipment)	Physical Plant	Pana Oil Refining Co., Pana	2 805 20 f.o.b. delivered
70,000 gallons (approximate) gasoline, regular	Physical Plant	The Texas Co., Chicago	11 174 10 f.o.b. delivered
Air compressor, air saturator, pressure switch and accessories for both; contact filter and pressure filter each with 3" multiport valve, anthracite filter media, pressure gauges and directly connected piping	Robert Allerton Park	Graver Tank & Manufacturing Co., East Chicago, Ind.	2 390 00 f.o.b. shipping point with freight allowed
Hospital malpractice liability insurance, broad form, effective January 1, 1951, for three years at limits of \$25,000 each person and \$100,000 aggregate each policy year within the policy period, covering the "Board of Trustees—University of Illinois and all full-time staff of the University, including physicians, surgeons, dentists, psychiatrists, technicians, nurses, and other employees involved in the care and treatment of patients at McKinley Hospital, Urbana, and the University Health Service, Champaign"	Health Service	J. W. Montgomery, Urbana, representing the General Accident Assurance Corp.	1 680 00
Comprehensive dishonesty, disappearance, and destruction insurance applicable to all University locations, effective December 29, 1950, for three years, providing blanket fidelity coverage of \$25,000 on each position plus an additional \$25,000 on each loss; also \$40,000 theft, burglary, and robbery coverage on loss of money and securities inside the premises and \$20,000 outside coverage; \$10,000 forgery coverage on all outgoing paying instruments and \$1,000 counterfeit currency coverage	Business Office	V. P. Hartwell, Peoria, representing the Lumbermens Mutual Casualty Co.	2 755 38 (gross)

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One X-ray Geiger spectrometer	Chemistry	Hayes Scientific Appliances, Urbana	6 630 00 delivered and installed
One refrigeration unit, minus 60 degrees F, self contained, air cooled with special drying unit installed in evaporator	Chemistry	Alpha Electric Refrigeration Co., Detroit, Mich.	1 168 75 f.o.b. Detroit, Mich.
Two 300 volt, 25 ampere direct current power supplies	Graduate College, Computer	Power Equipment Co., Detroit, Mich.	14 496 00 f.o.b. Detroit, Mich.
Two 100-150 volt, 25 ampere direct current power supplies			
10,170 pounds of chemically pure and technical acids for laboratory use at the Chicago Undergraduate Division	Liberal Arts and Sciences, Chicago Undergraduate Division	General Chemical Division of Allied Chemical & Dye Corp., Chicago	2 988 85 f.o.b. delivered
One offset duplicator equipped with the quick change clamp and mechanical jogger	Extension Service in Agriculture and Home Economics	Multigraph Sales Agency, Peoria	2 143 80 f.o.b. Urbana
One 1951 Beechcraft Bonanza airplane standard	Institute of Aviation	Elliott Flying Service, Davenport, Iowa	6 190 00 f.o.b. delivered
One Cessna No. 170 airplane with following accessories: Radio speaker only, engine shielding only, antenna only, cabin heater—manifold, dual brakes, McCauley propeller, propeller spinner, landing light, gyro instrument panel; less allowance for one Cessna No. 170, NC9058A	Institute of Aviation	Mid States Aviation Corp., Northbrook	2 500 05 f.o.b. delivered
One model No. 6341 graphotype with 42 model 11 addressograph recorders and 60,000 each cardoplates and plateloks for medical records library	Research and Educational Hospitals Administration	Addressograph-Multigraph Corp., Chicago	3 904 45

On motion of Mr. McLaughlin, these purchases were authorized as recommended.

COMPTROLLER'S REPORT OF CONTRACTS

(28) The Comptroller's report of contracts executed for the period from November 1 to 30, 1950.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Veterans Administration	Instruction and supplies under P.L. 346 and 16 for Chicago Professional Colleges, September 23, 1949, to June 24, 1950	Rates per contract	September 27, 1950
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
C. A. Petry & Sons	Construction of all aluminum garage at 1704 South Race Street	\$852 00	November 6, 1950
Neiler, Rich, and Bladen, Engineers	Alteration of cold and hot water system, first unit of the Dentistry, Medicine, and Pharmacy Building	950 00	October 13, 1950
Norman E. Bueter, Engineer	Air-conditioning unit in Betatron building of Research and Educational Hospitals	525 00	October 14, 1950
Norman E. Bueter, Engineer	Rehabilitation of sewers for the research and library unit of the Dentistry, Medicine, and Pharmacy Building	600 00	October 14, 1950

Adjustments Made in Authorizations Issued Under Cost-Plus Standing Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Schroeder's Heating and Ventilating	601 East John Street basement improvements	\$ 75 00	October 5, 1950

This report was received for record.

ADMINISTRATION BUILDING ALTERATIONS

(29) On September 29, 1950 (Minutes, page 368), the Board of Trustees approved the award of cost-plus contracts, on a basis of competitive bids, for minor alterations during the fiscal year 1950-1951. Contracts for general work of this character were awarded to E. N. DeAtley, Champaign, and Clarence Siems Co., Urbana. The Board of Trustees authorized such contracts not to exceed \$5,000 for any one job.

As a part of the program for relocation of administrative offices, it is necessary to make certain alterations in and additions to Rooms 302, 303, and 304 of Administration Building (East) to provide small cubicles or offices required for the occupancy of this area by the Student Counseling Bureau. The main work involves providing partitions, plastering, and millwork.

Since this work is of a remodeling character it is not feasible to prepare detailed specifications and secure competitive bids. The Director of the Physical Plant and the Comptroller recommend that this work be allocated to Mr. E. N. DeAtley under his cost-plus contract since his fees for work in this bracket are slightly lower than those in the bid of Mr. Siems. Total cost of this work is estimated at \$7,790.66.

Funds are available in the appropriation made by the Board of Trustees on September 29, 1950 (Minutes, page 366) for relocation of administrative offices.

I concur and recommend that the Comptroller be authorized to execute this contract addition.

On motion of Mr. Livingston, authority was given as recommended.

**RESIGNATION OF PROFESSOR JOHN M. KUYPERS
AS DIRECTOR OF THE SCHOOL OF MUSIC**

(30) Professor John M. Kuypers was granted leave of absence from the Directorship of the School of Music for one year beginning September 1, 1950. He is to continue his professorship during the current academic year.

Professor Kuypers now submits his resignation as Director of the School of Music, to be effective at the end of the current academic year 1950-1951.

I recommend that (a) his resignation as Director be accepted, effective August 31, 1951; (b) he be continued as Professor of Music on indefinite tenure; (c) his present on-leave-of-absence-as-Director status be continued for the balance of the current academic year as previously authorized.

Professor Kuypers' letter of resignation is attached.

In the meantime, Professor Duane Branigan, who was appointed Acting Director for one year from September 1, 1950, will continue serving in that capacity. A faculty committee will be appointed to search for a qualified candidate for the directorship and a recommendation for such an appointment will be made following the lines of established practice in due course of time.

On motion of Mrs. Holt, the resignation of Professor Kuypers as Director of the School of Music was accepted and the other recommendations of the President of the University were approved.

IRVIN L. PORTER

Mr. Fornof offered the following resolution:

Mr. Irvin L. Porter, Treasurer of the Board of Trustees of the University of Illinois, died on December 24, 1950, after an illness of several weeks.

Mr. Porter was first elected Treasurer of this Board on March 20, 1943, and served continuously until his death. At the time of his passing he was in the fourth two-year term of service. As an alumnus and trustee of Knox College, he had a keen interest in educational affairs, and that interest was made constantly evident in his service as Treasurer of the University of Illinois. His experience as an executive officer of the First National Bank of Chicago made it possible for him to render valuable assistance and advice to the University in its financial problems which he did unstintingly and continuously. He handled all duties of the treasurership with efficiency and thoroughness, and at all times extended the fullest possible cooperation with the Board and its officers in the handling of University business. He was also instrumental in securing cooperation and excellent service for the University from the First National Bank of Chicago, the depository of funds in his custody.

The Board of Trustees in regular meeting assembled this 28th day of December, 1950, hereby records its sorrow at his passing and its deep appreciation of his valu-

able and effective service to it as its Treasurer. It directs that this resolution be spread upon the Minutes as a public record of the Board's tribute and that a copy be sent to Mr. Porter's family.

This resolution was adopted.

UNIVERSITY TREASURER

Mr. Fornof, on behalf of the Finance Committee, offered the following resolution:

WHEREAS, Illinois Revised Statutes, 1949, Chapter 144, Section 26 provides: "At the first, and at each biennial meeting thereafter, it shall be the duty of the board to appoint a treasurer, who shall not be a member of the board, and who shall give bonds, with such security as the board of trustees shall deem amply sufficient to guard the University from danger of loss or diminution of the funds intrusted to his care . . ." and

WHEREAS, the office of Treasurer of the University of Illinois has become vacant through the death of Irvin L. Porter, the previous Treasurer, on December 24, 1950:

Now, Therefore, Be It Resolved, That Clarence W. Weldon of the City of Chicago, County of Cook, and State of Illinois be and hereby is appointed Treasurer of the University of Illinois, to hold office for the remainder of this biennial term and until his successor shall have been duly appointed and qualified.

Be It Further Resolved, That prior to entering upon the duties of said office said Treasurer shall furnish a bond in the penal sum of Five Million Dollars (\$5,000,000.00) in such form and with such security as the Finance Committee of this Board shall deem amply sufficient to guard the University from danger of loss or diminution of the funds intrusted to his care.

Be It Further Resolved, That said Treasurer be and hereby is authorized and directed to assume possession and control of any and all funds or assets of the University of Illinois that were in the possession or under the control of the previous Treasurer.

Be It Further Resolved, That said Treasurer be and hereby is authorized and directed to perform the duties and assume the responsibilities of Treasurer of the University of Illinois and that said Treasurer shall have and has any and all powers and privileges that now or may hereafter in anywise appertain to the said office of Treasurer of the University of Illinois.

This resolution was adopted and Clarence W. Weldon was declared the duly appointed Treasurer of the University to serve for the balance of the unexpired term of the late Irvin L. Porter, or until the next annual meeting of the Board of Trustees and until his successor shall have been elected and qualified.

REPORT OF THE COMMITTEES ON BUILDINGS AND GROUNDS AND ON AGRICULTURE ON HEARING OF DELEGATIONS FROM ORGANIZATIONS REQUESTING A NEW HOME ECONOMICS BUILDING AT THE UNIVERSITY OF ILLINOIS

Messrs. Fornof and McLaughlin presented the following report:

In the discussion of the University's building program for 1951-1953 at the meeting of the Board of Trustees on October 26, 1950, the Board directed the Committee on Buildings and Grounds and the Committee on Agriculture to hear individuals and delegations who wished to appear before the Board in support of a new home economics building. The Building and Grounds Committee was also requested to hear any parties desiring to appear in support of other building projects.

Your Committees report that at a joint meeting held at Urbana, Illinois, on November 30, delegations from the Illinois Agricultural Association, the Illinois Home Bureau Federation, and the Illinois Federation of Women's Clubs were heard. Representatives of these delegations asked the Board of Trustees to include in its building program a new building for home economics at the earliest feasible time. The sentiment of these delegations may be summed up in the statement made by

the President of the Illinois Agricultural Association who said that (1) these organizations are firm in their belief that a new building for home economics is greatly needed at the University and that they will solidly support a state appropriation for such a building; (2) at the same time, they recognize the importance of other projects in the University's building program; (3) they are aware of the problem the Board of Trustees has in determining priorities; (4) they wish to avoid seeking a separate state appropriation for a home economics building independently of the University, preferring to work with the Board of Trustees in support of the entire building program; and (5) that if it is not feasible to include provision for a new home economics building in the state appropriations requested for 1951-1953, these organizations request definite assurance at this time that it will be included in the building program for the succeeding biennium.

Your Committees were much impressed with the fairness of these presentations and with the fine interest these organizations have in the University's program in home economics. As a result of this hearing, your Committees recommend that the Board of Trustees request the Sixty-seventh General Assembly of Illinois to appropriate to the University for 1951-1953 sufficient funds for complete architectural drawings for a new home economics building so that the University will be ready to proceed with the construction of the building without loss of time as soon as funds for the building itself are available.

PARK LIVINGSTON

DR. KARL A. MEYER

MRS. DORIS S. HOLT

WIRT HERRICK

JOHN R. FORNOF, *Chairman*

Committee on Buildings and Grounds

WIRT HERRICK

DR. KARL A. MEYER

WALTER W. McLAUGHLIN, *Chairman*
Committee on Agriculture

President Stoddard recommended that this appropriation be absorbed within the total appropriations requested in the building program for 1951-1953, as approved by the Board of Trustees on October 26, 1950 (Minutes, pages 428-430), by including it in the item of \$1,700,000 for remodeling, improvements, and minor additions so that this item will be for: Architectural drawings for a Home Economics Building, Remodeling, Improvements, and Minor Additions, \$1,700,000.

On motion of Mr. Fornof, the recommendation of the two committees was approved and the building program for 1951-1953 was amended as recommended by President Stoddard.

REPORT OF COMMITTEE ON CHICAGO DEPARTMENTS ON CHICAGO HOUSING PROJECTS

Mr. Livingston presented the following report:

Supplementing the report of the Committee to the Board on October 26, 1950, Equitable Life Assurance Society was asked for a final statement as to what it would do about a loan on these projects. It has advised the Medical Center Commission and the Comptroller that the maximum amount it can lend on this project is \$2,700,000. The total estimated cost of the project, based on bids received in October for construction work and estimates of other costs, is \$4,027,000. The Commission and the Comptroller are advising Equitable that in view of this fact the negotiations with the Company are considered to be terminated, thus leaving the way open for the Commission to negotiate with other parties.

The Committee has carried on discussions as to other means of securing funds for this project. It is believed an investment firm may be willing to seek such funds if given an exclusive right to do this for a reasonable period. Mr. Amos Watts has indicated that approval of an issue of bonds by the Medical Center Commission probably could be given on the basis of a lease from the University to the Commission carrying a rental sufficient to meet all costs of operation and to pay the interest and principal of all indebtedness. Such a lease would be for two-year terms with an option to renew or that renewal would be made automatically unless notice is given prior to the expiration of each two-year period.

Discussions have also been carried on with recent bidders (whose bids were

rejected and checks returned) to determine whether these bids could be reinstated for a certain period or the attitude of previous bidders on new bids. All fourteen low bidders have been contacted. Six will maintain their bids for sixty days; eight want price increases, which will be firm for sixty days. They represent an aggregate increase cost of \$136,460 as of this time, making a total cost of \$4,163,938.

To aid in the effort to secure funds, the Board is requested:

1. Reaffirm its willingness to make a lease which will require to pay out of its general income the amount in excess of the direct income of the properties necessary to finance the entire cost. This was contemplated in the original action of the Board of Trustees on this project July 21, 1948, at which time our general funds required was estimated at \$106,280 a year. Based on bids recently received an interest of 4 per cent and amortization of twenty-five years, the annual deficiency would be \$101,196 at 4 per cent (or \$87,297 at 3½ per cent).

2. To request the Medical Center Commission to give an exclusive privilege to some interested party for sixty days to endeavor to develop a plan of financing.

The Committee on Chicago Departments recommends that the Board approve these requests, provided that the limit of obligations against general funds in any plan that may be developed shall not exceed \$110,000 a year and that funds can be secured to cover the entire cost of construction and equipment necessary to complete the projects satisfactorily for operation.

If a plan of financing, acceptable to both the Medical Center Commission and the University, is received, the University would then request the Commission either to (a) let contracts to previous low bidders if feasible, or (b) advertise for new bids.

DR. KARL A. MEYER, *Chairman*
MRS. FRANCES B. WATKINS
PARK LIVINGSTON

On motion of Mrs. Holt, this report and the recommendations of the Committee on the Chicago Departments were approved.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) report of contracts signed by the President and the Secretary of the Board and deposited with the Secretary since the last report; (2) appointments made by the President; (3) graduate fellows; (4) resignations and declinations; (5) leaves of absence.

SECRETARY'S REPORT OF CONTRACTS

The Secretary presented for record the following document signed by the President and the Secretary of the Board, and deposited with the Secretary since the last report.

Republic Coal & Coke Company, 40,000 tons of coal, from September 1, 1950, to May 31, 1951, at \$3.95 a ton, f.o.b. cars at mine.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

ALBIG, JOHN W., Professor, Sociology and Anthropology (Liberal Arts and Sciences) and (Institute of Communications Research), indefinite tenure, to render service during each academic year, and Chairman of the Department of Sociology and Anthropology, academic year, beginning September 1, 1950, \$9000 a year, supersedes (12-13-50).

ALMY, GERALD M., Professor, Physics (C), indefinite tenure beginning September 1, 1950, to render service during each academic year, \$9900 a year, supersedes (12-13-50).

ANDERSON, ALVIN T., Assistant Professor, Agricultural Economics (Extension Service in Agriculture and Home Economics), one year beginning September 1, 1950, \$6750, supersedes (12-4-50).

ANDERSON, HARRY W., Professor, Plant Pathology (Horticulture) (C & S), indefinite tenure beginning September 1, 1950, \$8500 a year (on leave of absence with full pay for the second semester 1950-1951), supersedes (12-4-50).

- ARON, KARL, Flight Instructor, Institute of Aviation, one year beginning September 1, 1950, \$4100, supersedes (12-4-50).
- AYERS, ROBERT L., Flight Instructor, Institute of Aviation, one year beginning September 1, 1950, \$4800, supersedes (12-4-50).
- BAKER, ROBERT H., Professor, Astronomy, and Head of the Department (Liberal Arts and Sciences) ($\frac{3}{4}$), and Professor, Astronomy (Division of General Studies) ($\frac{1}{4}$), indefinite tenure beginning September 1, 1950, to render service during each academic year, \$8000 a year, supersedes (12-4-50).
- BARD, GREGORY, Instructor, Physical Medicine and Rehabilitation (Medicine) (37/100), three months beginning November 1, 1950, \$150 a month, supersedes (12-12-50).
- BARNES, BRODA O., Lecturer, Physiology, with the rank of Associate Professor (Medicine), for eight months beginning January 1, 1951, without salary (11-10-50).
- BARTO, PAUL B., Instructor, Veterinary Pathology and Hygiene (Veterinary Medicine), one year beginning September 1, 1950, \$4700, supersedes (12-4-50).
- BERG, VIRGINIA A., Journalism Library Assistant, one year beginning September 1, 1950, \$3660, supersedes (12-4-50).
- BEVERIDGE, MARIAN, Instructor, Art ($\frac{3}{4}$), six months beginning February 1, 1951, to render service during the second semester of the academic year, \$187.50 a month (12-4-50).
- BLUM, ELEANOR, Reference Librarian, Undergraduate Library, with the rank of Instructor, one year beginning September 1, 1950, \$3900, supersedes (12-13-50).
- BOLEY, LLOYD E., Professor, Veterinary Clinical Medicine, and Head of the Department (Veterinary Medicine), indefinite tenure beginning September 1, 1950, \$8000 a year, supersedes (12-11-50).
- BOND, ELIHU, Administrator, Animal Hospital (Medicine), one year beginning September 1, 1950, \$5500, supersedes (12-5-50).
- BOWNESS, LAWRENCE J., Clinical Assistant, Orthopaedic Surgery (Medicine), eight months beginning November 1, 1950, without salary (11-29-50).
- BROWNE, ROBERT B., Professor, Education, indefinite tenure, Dean of the Summer Session (3/10), and Dean of the Division of University Extension (7/10), one year, beginning September 1, 1950, \$10,500 a year, supersedes (12-4-50).
- BRUNNER, ELDON J., Flight Instructor, Institute of Aviation, one year beginning September 1, 1950, \$4400, supersedes (12-4-50).
- BUCHELE, ROBERT B., Assistant Professor, Management (Business Organization and Operation), two years beginning September 1, 1951, to render service during each academic year, \$4800 a year, supersedes his previous appointment for the second semester of 1950-1951 (12-6-50).
- CLEARY, EDWARD W., Professor, Law, indefinite tenure beginning September 1, 1950, to render service during each academic year, \$12,000 a year, supersedes (12-4-50).
- COGAN, EUGENE A., Research Associate, Psychology (Graduate College), December 15, 1950-August 31, 1951, \$4363.56 a year (12-8-50).
- COLE, IRA W., Assistant to the Director of the School of Journalism and Communications ($\frac{3}{4}$), and Counselor, Student Counseling Bureau ($\frac{1}{4}$), one year beginning September 1, 1950, \$4200, supersedes (12-5-50).
- COLEMAN, RUTH B., Assistant Professor, Medical Illustration (Medicine), academic year beginning September 1, 1950, \$5000, supersedes (12-5-50).
- COREY, ELIAS J., JR., Instructor, Chemistry, seven months beginning February 1, 1951, to render service during the second semester of the academic year, \$2000 (12-12-50).
- CRANE, FRANK A., Instructor, Pharmacognosy (Pharmacy), seven months beginning February 1, 1951, \$3900 a year (12-4-50).
- DAMMERS, WARREN R., Instructor, Pediatrics (Rush) (Medicine), ten months beginning November 1, 1950, \$3660 a year, supersedes (11-29-50).
- DARROW, CHESTER W., Associate Professor, Physiology (Medicine), indefinite tenure beginning November 1, 1950, without salary (11-2-50).
- DEAL, N. HARVEY, Circulation Assistant, Library, one year beginning September 1, 1950, \$3900, supersedes (12-4-50).
- DERRICK, LUCILE, Associate Professor, Economics (Undergraduate Division in Chicago), indefinite tenure beginning September 1, 1950, to render service during two semesters of each academic year, \$5700 a year, supersedes (12-4-50).
- DEXTER, DAVID L., Research Associate, Physics (C), seven months beginning February 1, 1951, \$4200 a year (12-4-50).

- DUHAMEL, RAYMOND H., Research Assistant, Electrical Engineering (C), nine months beginning December 1, 1950, \$4000 a year, supersedes (11-27-50).
- EDWARDS, HENRY C., Instructor, Architecture, academic year beginning September 1, 1950, \$4400, supersedes (12-4-50).
- ELLIOTT, EDWARD, Clinical Instructor, Speech Therapy (Otolaryngology) (Medicine), one year beginning September 1, 1950, without salary (11-29-50).
- FEINSTEIN, IRWIN K., Instructor, Mathematics (Undergraduate Division in Chicago) ($\frac{1}{2}$), six months beginning March 1, 1951, \$1850 a year, supersedes (11-29-50).
- FEINSTEIN, IRWIN K., Instructor, Mathematics (Undergraduate Division in Chicago), academic year beginning September 1, 1950, on full time for the first semester, and on one-half time for the second semester, at a salary at a full time rate of \$3900, supersedes (12-5-50).
- FISHER, HARVEY I., Assistant Professor, Zoology, academic year beginning September 1, 1950, \$5600, supersedes (12-4-50).
- FORTNEY, MRS. JEAN D., Microanalyst, Chemistry, nine months beginning December 1, 1950, \$2700 a year (11-30-50).
- FOSTER, GEORGE R., Instructor, Engineering Experiment Station, one year beginning September 1, 1950, \$4000, supersedes (12-13-50).
- FOX, SAMUEL, Assistant Professor, Accountancy (Undergraduate Division in Chicago), one year beginning September 1, 1950, to render service during the academic year, \$5600, supersedes (12-5-50).
- FREY, MRS. UVA G., Assistant, Animal Nutrition (Animal Science) (S), November 16, 1950-August 31, 1951, \$3200 a year (12-12-50).
- FRICKE, ALBERT F., Clinical Assistant, Medicine (Medicine), eleven months beginning October 1, 1950, without salary (11-9-50).
- GAGE, NATHANIEL L., Assistant Professor, Education (Bureau of Research and Service), one year beginning September 1, 1950, \$6150, supersedes (12-4-50).
- GERARD, MARGARET W., Lecturer in Psychiatry, with the rank of Professor (Medicine), eleven months beginning October 1, 1950, without salary (11-2-50).
- GOTTLIEB, DAVID, Assistant Professor, Plant Pathology (Graduate College) ($\frac{1}{4}$) and (Agricultural Experiment Station) (Horticulture) ($\frac{1}{2}$), one year beginning September 1, 1950, \$6500, supersedes (12-4-50).
- GRIEST, GUINEVERE G., Instructor, English (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$3500, supersedes (12-5-50).
- GRUNSFELD, ERNEST A., Consulting Critic, Architectural Design, November 27-December 8, 1950, \$600 (12-1-50).
- HANNAH, HAROLD W., Professor, Agricultural Law (Agricultural Economics) (C & S), indefinite tenure beginning September 1, 1950, \$7000 a year, supersedes (12-4-50).
- HAUCK, DAVID W., Flight Instructor, Institute of Aviation, one year beginning September 1, 1950, \$4800, supersedes (12-4-50).
- HAVENS, CHARLES S., Director of the Physical Plant Department, one year beginning September 1, 1950, \$11,000, supersedes (12-4-50).
- HAY, RALPH C., Associate Professor, Soil Conservation (Agricultural Engineering) (C & S), and Executive Secretary of the State Soil Conservation Districts Board, indefinite tenure beginning September 1, 1950, \$7500 a year (on leave of absence with full pay for six months beginning January 1, 1951), supersedes (12-4-50).
- HEATER, ELMER F., Research Associate Professor, Engineering Experiment Station, indefinite tenure beginning September 1, 1950, \$6250 a year, supersedes (12-13-50).
- HEBRANK, EUGENE F., Assistant Professor, Mechanical Engineering (C), one year beginning September 1, 1950, to render service during the academic year, \$5100, supersedes (12-13-50).
- HELDT, CARL R., Medical Illustrator, Veterinary Anatomy and Histology ($\frac{1}{2}$), and in Veterinary Pathology and Hygiene ($\frac{1}{4}$) (Veterinary Medicine), one year beginning September 1, 1950, \$3500, supersedes (12-4-50).
- HERMAN, CHARLES E., Superintendent, Print Shop (University Press), one year beginning September 1, 1950, \$8000, supersedes (12-5-50).
- HERSHEY, ARTHUR W., Assistant Professor, Electrical Engineering (Undergraduate Division in Chicago), one year beginning September 1, 1950, to render service during the academic year, \$5200, supersedes (12-5-50).
- HIGGINSON, GLENN D., Professor, Psychology, indefinite tenure beginning September 1, 1950, to render service during each academic year, \$6700 a year, supersedes (12-4-50).

- HIRSCHMANN, JEROME H., Clinical Assistant, Medicine (Medicine), September 15, 1950-August 31, 1951, without salary (11-29-50).
- HUDSON, ROBERT B., Associate Professor, Journalism and Communications ($\frac{1}{2}$), indefinite tenure, and Director of University Broadcasting ($\frac{1}{4}$), one year beginning September 1, 1950, \$9000 a year, supersedes (12-5-50).
- IVY, ANDREW C., Distinguished Professor, Physiology (Clinical Science), and Head of the Department of Clinical Science (Medicine), indefinite tenure, and Vice-President of the University of Illinois, in charge of the Chicago Professional Colleges, one year beginning September 1, 1950, \$20,900 a year, supersedes (12-5-50).
- JACKSON, DONALD D., Editor, with the rank of Assistant Professor (University Press), one year beginning September 1, 1950, \$5500, supersedes (12-11-50).
- JACOB, PAUL E., Associate Professor, French, indefinite tenure beginning September 1, 1950, to render service during each academic year, \$5600 a year, supersedes (12-4-50).
- JOHNSON, FALK S., Instructor, English (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$4000, supersedes (12-5-50).
- JOHNSON, G. ORVILLE, Assistant Professor, Education, academic year beginning September 1, 1950, \$5000 (12-4-50).
- JORDAN, EDWARD C., Professor, Electrical Engineering (C), indefinite tenure beginning September 1, 1950, to render service during each academic year, \$7500 a year, supersedes (12-13-50).
- KEMPF, JOHN E., Associate Professor, Bacteriology (Medicine), indefinite tenure beginning September 1, 1950, to render service during each academic year, \$7000 a year, supersedes (12-5-50).
- KENNEDY, ROBERT E., Instructor, Foundry and Pattern Laboratory (Undergraduate Division in Chicago) ($\frac{2}{3}$), academic year beginning September 1, 1950, \$3600, supersedes (12-5-50).
- KITZMILLER, JAMES B., Instructor, Zoology, academic year beginning September 1, 1950, \$4200, supersedes (12-4-50).
- KNIERING, ROBERT F., Research Assistant, Medicine (Medicine), four months beginning December 12, 1950, \$244.17 a month (12-7-50).
- KNUDSON, CHARLES A., Professor, French, indefinite tenure beginning September 1, 1950, to render service during each academic year, \$7800 a year, supersedes (12-4-50).
- KRUGER, P. GERALD, Professor, Physics (C), indefinite tenure beginning September 1, 1950, to render service during each academic year, \$11,400 a year, supersedes (12-13-50).
- KRUIDENIER, FRANCIS J., Instructor, Zoology, academic year beginning September 1, 1950, \$4000, supersedes (12-4-50).
- KUBACKI, W. HOWARD, Professor, Full and Removable Partial Dentures, and Head of the Department, and Director of the Dental Clinics, indefinite tenure, and Lecturer, Postgraduate Studies, one year (Dentistry), beginning September 1, 1950, \$9600 a year, supersedes (12-5-50).
- LARSON, CARL M., Instructor, Economics, academic year, \$4000, and Staff Counselor in the Student Counseling Bureau with additional compensation of \$600 a year (Undergraduate Division in Chicago), beginning September 1, 1950, supersedes (12-5-50).
- LAUGHNAN, JOHN R., Assistant Professor, Botany, academic year beginning September 1, 1950, \$5600, supersedes (12-4-50).
- LENDRUM, JAMES T., Professor, Architecture, indefinite tenure, and Associate Director, Small Homes Council, one year, beginning September 1, 1950, \$8000 a year, and Acting Director of the Small Homes Council, one year from September 1, 1950, at additional compensation of \$250 for such service, supersedes (12-4-50).
- LERICOLAIS, VALORY G. R., Visiting Professor, Building Structures (Architecture), February 1-June 15, 1951, \$3510 (12-11-50).
- LEWIS, JOHN M., First Assistant, Agricultural Research (S), and Assistant Superintendent, Dixon Springs Experiment Station, one year beginning September 1, 1950, \$5250, for his convenience he will also be furnished with perquisites valued at \$300 a year, supersedes (12-4-50).
- LYNCH, JAMES H. G., Instructor, Art, academic year beginning September 1, 1950, \$3650, supersedes (12-4-50).

- MAHER, FRANK T., Professor, Pharmacognosy and Pharmacology, and Head of the Department (Pharmacy), indefinite tenure, beginning September 1, 1950, and Assistant Dean of the College of Pharmacy, September 1, 1950-August 31, 1951, \$9500 a year, supersedes (12-5-50).
- MAKART, CARL, Clinical Assistant, Otolaryngology (Medicine), eleven months beginning October 1, 1950, without salary (11-1-50).
- MARSH, JOHN O., JR., Instructor, Foreign Languages (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$3900, supersedes (12-5-50).
- MARTIN, ALICE M., Education, Philosophy, and Psychology Library Assistant, one year beginning September 1, 1950, \$3660, supersedes (12-4-50).
- MCCALL, BEVODE C., Instructor, Social Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$4000, supersedes (12-5-50).
- MCKIBBEN, GEORGE E., First Assistant, Agricultural Research (Agricultural Experiment Station), and in Agricultural Extension (Extension Service in Agriculture and Home Economics), one year beginning September 1, 1950, \$5500; for his convenience he will also be furnished perquisites valued at \$120 a year, supersedes (12-4-50).
- MILES, FREDERICK D., Assistant Professor, Architecture, one year beginning September 1, 1950, to render service during the academic year, \$5000, supersedes (12-4-50).
- MILLER, PERRY E., Professor, Education, indefinite tenure beginning September 1, 1950, to render service during each academic year, \$6700 a year, supersedes (12-4-50).
- MRAZEK, MRS. HAZEL S., Medical Adviser for Women, Health Service (Chicago Professional Colleges) (3/5), nine months beginning December 1, 1950, \$4320 a year, supersedes (12-12-50).
- MUNTYAN, MIODRAG, Executive Editor, with the rank of Assistant Professor (University Press), one year beginning September 1, 1950, \$6500, supersedes (12-4-50).
- NALBANDOV, MRS. OLGA, Research Associate, Physiology (Graduate College) (3/10), one year beginning March 1, 1951, \$1182, supersedes (11-29-50).
- NEWCOMB, REXFORD, Professor, History of Architecture, indefinite tenure, Dean of the College of Fine and Applied Arts, and Director of the Bureau of Community Planning, one year, beginning September 1, 1950, \$13,000 a year, supersedes (12-4-50).
- NICKELS, WALTER A., Flight Instructor, Institute of Aviation, one year beginning September 1, 1950, \$4000, supersedes (12-4-50).
- NOLAN, KENNETH, Clinical Instructor, Pediatrics (Medicine) (1/4), nine months beginning December 1, 1950, without salary, supersedes (11-29-50).
- NORBERG, RICHARD E., Research Associate, Physics (S), seven months beginning February 1, 1951, \$4200 a year, supersedes (12-12-50).
- OSGOOD, BESS G., Research Associate, Physiology (Graduate College) (Chicago), one year beginning September 1, 1950, \$6000, supersedes (12-6-50).
- OTT, FINA C., Commerce and Sociology Librarian, with the rank of Instructor, one year beginning September 1, 1950, \$4100, supersedes (12-4-50).
- PAPIERNIAK, FRANK B., Clinical Instructor, Surgery (Rush) (Medicine), ten months beginning November 1, 1950, without salary (11-1-50).
- PECK, RALPH B., Research Professor, Soil Mechanics (Civil Engineering) (C & S), indefinite tenure beginning September 1, 1950, \$9400 a year, supersedes (12-13-50).
- PFEIFFER, CARL C., Professor, Pharmacology, and Head of the Department (Medicine), indefinite tenure beginning September 1, 1950, \$11,000 a year, supersedes (12-5-50).
- PLAGGE, JAMES C., Associate Professor, Anatomy (Medicine), indefinite tenure beginning September 1, 1950, to render service during each academic year, \$6500 a year, supersedes (12-5-50).
- POTTER, ANN M., Catalog Assistant, Library, one year beginning September 1, 1950, \$3660, supersedes (12-4-50).
- PRACYK, JOHN A., Instructor, Admitting Clinic (1/4), and in Full and Removable Partial Dentures (1/4) (Dentistry), November 20-December 31, 1950, \$333.33 a month, and Instructor, Full and Removable Partial Dentures, on full time, eight months beginning January 1, 1951, \$333.33 a month, supersedes (11-27-50).
- PRICE, RUPERT M., Assistant Professor, Physics (1/4), academic year, \$3120, and Assistant Dean of Engineering Sciences (1/2), one year, \$3820 (Undergraduate Division in Chicago), beginning September 1, 1950, supersedes (12-14-50).

- PROSSER, C. LADD, Professor, Physiology, indefinite tenure beginning September 1, 1950, to render service during each academic year, \$6900 a year, supersedes (12-4-50).
- REEVES, ELIZABETH J., Assistant, Veterinary Anatomy and Histology (Veterinary Medicine), one year beginning September 1, 1950, \$3400, supersedes (12-4-50).
- RHOADES, HARRY E., Assistant Professor, Veterinary Pathology and Hygiene (Veterinary Medicine), one year beginning September 1, 1950, \$5100, supersedes (12-4-50).
- RICHMOND, JULIUS B., Professor, Pediatrics (Medicine), indefinite tenure beginning September 1, 1950, \$8000 a year; in addition to \$1000 a year paid by the Markle Foundation, supersedes (12-5-50).
- ROUSH, JAMES R., Assistant, Agricultural Economics (S), eight months beginning January 1, 1951, \$3200 a year (12-12-50).
- RUGGIE, ALEXANDER N., Clinical Assistant, Medicine (Medicine), eleven months beginning October 1, 1950, without salary (12-7-50).
- RUSSELL, JOSEPH A., Professor, Geography, and Head of the Department, indefinite tenure beginning September 1, 1950, to render service during each academic year, \$9000 a year, supersedes (12-4-50).
- SAPORA, ALLEN V., Assistant Professor, Physical Education for Men, academic year beginning September 1, 1950, \$5500, supersedes (12-4-50).
- SCHMITTLE, SAMUEL C., Instructor, Veterinary Research (Agricultural Experiment Station), and Veterinary Pathology and Hygiene (Veterinary Medicine), one year beginning September 1, 1950, \$4950, supersedes (12-4-50).
- SCHOOLEY, FRANK E., Assistant Professor, Journalism and Communications ($\frac{1}{4}$), and Radio Station Manager ($\frac{3}{4}$), one year beginning September 1, 1950, \$7000, supersedes (12-5-50).
- SCHOUR, ISAAC, Professor, Histology, and Head of the Department (82/100), indefinite tenure, Lecturer, Postgraduate Studies, and Associate Dean in Charge of Postgraduate Studies (18/100), one year (Dentistry) beginning September 1, 1950, \$13,400 a year, supersedes (12-5-50).
- SHEDD, THOMAS C., Professor, Structural Engineering (Civil Engineering) (C), indefinite tenure beginning September 1, 1950, to render service during each academic year, \$10,000 a year, supersedes (12-13-50).
- SIEBERT, FREDRICK S., Professor, Journalism and Communications, indefinite tenure, Director of the School of Journalism and Communications, and Chairman of the Institute of Communications Research, one year, beginning September 1, 1950, \$10,500 a year, supersedes (12-4-50).
- SIMONS, ROY K., Instructor and First Assistant, Pomology (Horticulture) (C) ($\frac{1}{2}$) (S) ($\frac{1}{2}$), eight months beginning January 1, 1951, \$4500 a year (12-12-50).
- SLOMAN, SOPHIE S., Clinical Assistant Professor, Psychiatry (Medicine), July 1, 1950-August 31, 1951, without salary, supersedes (11-10-50).
- SMITH, ALBERT W., Flight Instructor, Institute of Aviation, one year beginning September 1, 1950, \$4300, supersedes (12-4-50).
- SMITH, JAMES O., Professor, Theoretical and Applied Mechanics (C), indefinite tenure beginning September 1, 1950, to render service during each academic year, \$7800 a year, supersedes (12-13-50).
- SPENCE, JOHN M., Professor, Operative Dentistry, and Head of the Department (Dentistry), indefinite tenure beginning September 1, 1950, \$8000 a year, supersedes (12-5-50).
- STAUGAS, LEONARD W., Research Assistant, Labor and Industrial Relations, one year beginning September 1, 1950, \$3200, supersedes (12-4-50).
- STEGGERDA, FREDERIC R., Professor, Physiology, indefinite tenure beginning September 1, 1950, to render service during each academic year, \$6500 a year, supersedes (12-4-50).
- STEINER, GILBERT Y., Research Associate, Labor and Industrial Relations, one year beginning September 1, 1950, \$4100, supersedes (12-4-50).
- STEWART, CHARLES L., Professor, Agricultural Economics (C & S), indefinite tenure beginning September 1, 1950, \$8500 a year, supersedes (12-4-50).
- STOLFE, STANLEY G., Instructor, Physiology, academic year beginning September 1, 1950, \$3800, supersedes (12-4-50).
- STONECIPHER, JESSE W., Chief Flight Instructor, Institute of Aviation, one year beginning September 1, 1950, \$6000, supersedes (12-13-50).

- SWANSON, J. WESLEY, Associate Professor, Speech, and Supervisor of Dramatic Production, indefinite tenure beginning September 1, 1950, to render service during each academic year, \$5800 a year, supersedes (12-4-50).
- TINSLEY, CLYDE H., Flight Instructor, Institute of Aviation, eleven months beginning October 1, 1950, \$4500 a year, supersedes (12-4-50).
- TIPPO, OSWALD, Professor, Botany, indefinite tenure, and Chairman of the Department, one year beginning September 1, 1950, to render service during each academic year, \$8500 a year, supersedes (12-4-50).
- TOROK, NICHOLAS, Clinical Instructor, Otolaryngology (Medicine), eleven months beginning October 1, 1950, without salary (11-1-50).
- TROXEL, WILMA, Assistant Professor, Library Science, and Librarian (Chicago Professional Colleges), one year beginning September 1, 1950, \$6000, supersedes (12-4-50).
- TUTTLE, GEORGE P., Director of Admissions and Records, one year beginning September 1, 1950, \$10,000, supersedes (12-11-50).
- UNFER, LOUIS, Instructor, Social Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1950, \$3900, supersedes (12-5-50).
- VIL, CHARLES S., Clinical Assistant, Medicine (Medicine), October 16, 1950-August 31, 1951, without salary (11-9-50).
- VONFOERSTER, HEINZ M., Associate Professor, Electrical Engineering (C), indefinite tenure beginning September 1, 1950, to render service during each academic year, \$7000 a year, supersedes (12-18-50).
- WAKERLIN, GEORGE E., Professor, Physiology, and Head of the Department (Medicine), indefinite tenure beginning September 1, 1950, \$11,000 a year, supersedes (12-5-50).
- WALLACE, KARL R., Professor, Speech, and Head of the Department, indefinite tenure beginning September 1, 1950, to render service during each academic year, \$9000 a year, supersedes (12-4-50).
- WERT, MRS. LUCILLE M., Physics Librarian, three months beginning December 1, 1950, \$300 a month (12-7-50).
- WOODROOFE, LOUISE M., Associate Professor, Art, indefinite tenure beginning September 1, 1950, to render service during each academic year, \$5250 a year, supersedes (12-4-50).
- YALE, SEYMOUR H., Instructor, Admitting Clinic (Dentistry), November 20, 1950-August 31, 1951, \$4000 a year, supersedes (11-27-50).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- BALE, JOHN C., Fellow, English, nine months beginning September 16, 1950, \$850, supersedes (11-20-50).
- BARRETT, JAMES M., Fellow, Zoology, February 1-June 15, 1951, \$500 (12-13-50).
- BHATTACHARJEE, J. P., Booth Fellow, Agricultural Economics, one year beginning February 1, 1951, \$1062.50 (12-14-50).
- BLOCK, WILLIAM J., Fellow, Political Science, nine months beginning September 16, 1950, \$850, supersedes (11-20-50).
- CANTRELL, CLYDE H., Fellow, Library Science, February 1-June 15, 1951, \$500 (12-13-50).
- CHARLES, SEARLE F., Kendric C. Babcock Fellow, History, nine months beginning September 16, 1950, \$850, supersedes (11-20-50).
- COHRS, JOYCE S., Fellow, Psychology, February 1-June 15, 1951, \$350 (12-13-50).
- CUSHMAN, JOHN R., Fellow, Mechanical Engineering, February 1-June 15, 1951, \$350 (12-13-50).
- DEAN, BURTON V., Fellow, Mathematics, February 1-June 15, 1951, \$500 (12-13-50).
- DEMARIS, EDWIN J., Fellow, Accountancy, nine months beginning September 16, 1950, \$700, supersedes (11-20-50).
- FITZGERALD, WILLIAM L., Fellow, Agricultural Economics, nine months beginning September 16, 1950, \$850, supersedes (11-20-50).
- FOX, RICHARD C., Sinclair Refining Company Fellow, Chemistry, February 1-August 15, 1951, \$1125 (12-14-50).
- HEISLER, JOHN E., Fellow, Mathematics, nine months beginning September 16, 1950, \$700, supersedes (11-20-50).
- HOLTHE, RAYMOND E., Fellow, Civil Engineering, February 1-June 15, 1951, \$350 (12-13-50).

- HOUSTON, BLAND B., Fellow, Physics, nine months beginning September 16, 1950, \$700, supersedes (11-20-50).
- JACOBOWITZ, HERMAN, Fellow, Electrical Engineering, February 1-June 15, 1951, \$350 (12-13-50).
- LAMMING, GEORGE E., Booth Fellow, Dairy Science, seven months beginning February 1, 1951, \$750, supersedes (12-14-50).
- LARSEN, HOWLAND A., Fellow, Chemistry, February 1-June 15, 1951, \$350 (12-13-50).
- LEURGANS, PAUL J., Fellow, Physics, nine months beginning September 16, 1950, \$700, supersedes (11-20-50).
- LIU, JENNIE C., Fellow, Chemistry, February 1-June 15, 1951, \$500 (12-13-50).
- MARCUS, ALMA, Fellow, Physics, February 1-June 15, 1951, \$425 (12-13-50).
- MAWHINNEY, EUGENE A., Fellow, Political Science, nine months beginning September 16, 1950, \$850, supersedes (11-20-50).
- MCCLELLAN, J. FORBES, Fellow, Zoology, nine months beginning September 16, 1950, \$850, supersedes (11-20-50).
- MODESITT, GEORGE E., Fellow, Physics, February 1-June 15, 1951, \$350 (12-13-50).
- MOORTHY, VARTHAKAVI K., Fellow, Ceramic Engineering, February 1-June 15, 1951, \$500 (12-13-50).
- OMAN, MILTON C., Fellow, Sociology, February 1-June 15, 1951, \$350 (12-13-50).
- PAO, RICHARD H., Fellow, Civil Engineering, February 1-June 15, 1951, \$425 (12-13-50).
- PERSINGER, DORIS J., Fellow, Spanish, February 1-June 15, 1951, \$350 (12-13-50).
- POWER, JAMES F., Fellow, Agronomy, February 1-June 15, 1951, \$350 (12-13-50).
- RAMA, RAMAHITA, Fellow, Education, February 1-June 15, 1951, \$350 (12-13-50).
- RISKIN, KHAIME, Fellow, Education, February 1-June 15, 1951, \$500 (12-13-50).
- THREET, JACK C., Fellow, Geology, February 1-June 15, 1951, \$350 (12-13-50).
- WOLFSON, KENNETH G., Fellow, Mathematics, February 1-June 15, 1951, \$425 (12-13-50).
- YAHR, CHARLES C., Fellow, Geography, nine months beginning September 16, 1950, \$700, supersedes (11-20-50).
- YOKOHAMA, HIROSHI, Fellow, Electrical Engineering, February 1-June 15, 1951, \$425 (12-13-50).

RESIGNATIONS AND DECLINATIONS

- ADAMS, GAIL D., Research Assistant Professor, Physics (C) — resignation effective 12-31-50.
- BESEMAN, CHARLES A., Research Assistant, Bureau of Research and Service — resignation effective 12-1-50.
- CONNELL, W. F., Assistant Professor, Education — declination effective 9-1-51.
- MILLER, LEONARD E., Assistant Professor, Chemistry, and Administrative Assistant to the Head of the Department — resignation effective 3-1-51.
- MORRIS, ROGER S., Clinical Assistant, Medicine (Rush) (Medicine) — resignation effective 9-1-50.
- MURPHY, WILLIAM F., JR., Instructor, Pediatrics (Medicine) — resignation effective 11-1-50.
- PERLMAN, JOSEPH, Registered Pharmacist in charge of the Illinois Eye and Ear Infirmary Pharmacy (Pharmacy) — resignation effective 1-1-51.
- SZMYD, MILTON A., Instructor, Full and Removable Partial Dentures (Dentistry) — resignation effective 12-31-50.
- WRIGHT, DONOVAN G., Clinical Assistant Professor, Psychiatry (Medicine) — resignation effective 8-31-50.

LEAVES OF ABSENCE

- ASHFORD, LYLE E., Assistant Editor, with the rank of Instructor (Veterinary Medicine) — leave of absence for war service, without salary, beginning December 24, 1950, and continuing until the end of the academic year, or until prior release from the Army.
- CORNELL, FRANCIS G., Professor, Education, and Director of the Bureau of Research and Service (Education) — leave of absence, without salary, November 16, 1950-January 15, 1951, for service to the United States Air Force.
- GAGE, NATHANIEL L., Assistant Professor, Education (Bureau of Research and Service) — leave of absence, without salary, November 15, 1950-January 15, 1951, for service to the United States Air Force.

- KENDALL, KENTON A., Assistant Professor, Dairy Production (Dairy Science) (C & S) — leave of absence, with full pay, from November 12 through December 31, 1950.
- KENNEDY, WILLIAM E., Instructor, Crop Production (Agronomy) (C) — leave of absence, without salary, December 7, 1950-August 31, 1951, for military service.
- LITHERLAND, MRS. DOROTHY, Instructor, Accountancy (Business Organization and Operation) — leave of absence, with full pay, November 1, 1950-January 31, 1951.
- ROOS, FRANK J., JR., Professor, Art — leave of absence, without salary, March 1-August 31, 1951, to act as a visiting professor at the University of Texas.
- VERMEULEN, CORNELIUS W., Associate Professor, Surgery (Medicine) — leave of absence, with full pay, for sixty days beginning November 4, 1950, on account of illness.

On motion of Mr. McLaughlin, the Board adjourned to meet on call of the President.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

January 23, 1951



The January meeting of the Board of Trustees of the University of Illinois was called for 10:30 a.m., Tuesday, January 23, 1951, in the Chicago Illini Union Building, 715 South Wood Street, Chicago, Illinois.

When the Board convened, the following members were present: President Williamson, Mr. Fornof, Mr. Livingston, Mr. McLaughlin, and Mrs. Watkins. Since a quorum was lacking, the Board adjourned and the business of the day was transacted by the Executive Committee.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

MEETING OF THE EXECUTIVE COMMITTEE

On call of the Chairman, a meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the Chicago Illini Union Building, in Chicago, on Tuesday, January 23, 1951, beginning at 11:00 a.m.

The following, constituting all of the members of the Executive Committee, were present: Mr. Williamson, Chairman, Mr. Livingston, and Mr. McLaughlin. Mr. Fornof and Mrs. Watkins of the Board of Trustees were also present and took part in the discussions of the business considered by the Committee.

Others present at the meeting were: Messrs. Harold E. Grange and Herbert B. Megran, Trustees-elect; President George D. Stoddard, Provost C. R. Griffith, Vice-President A. C. Ivy, Comptroller Lloyd Morey, Mr. C. W. Weldon, Treasurer of the University, Mr. Howard A. Hazleton, Business Manager of the Chicago Colleges, Mr. J. F. Wright, Director of Public Information, Mr. C. Lincoln Williston, Manager of Public Information for the Chicago Professional Colleges, and Mr. A. J. Janata, Secretary of the Board.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of November 24, 1950, press proof copies of which had previously been sent to all members of the Board.

On motion of Mr. Livingston, these minutes were approved as printed on pages 457-480, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Executive Committee considered the following recommendations and reports presented by President Stoddard.

MEMORANDUM TO THE BOARD OF TRUSTEES ON THE STUDY OF THE STRUCTURE OF THE STATE TAX-SUPPORTED SYSTEM OF HIGHER EDUCATION IN ILLINOIS

(1) This report was presented for the information of the Board and was discussed by President Stoddard. A copy was filed with the Secretary of the Board for record. A copy of the "Report of the Study of the Structure of the State Tax-Supported System of Higher Education in Illinois," made for the Governor of Illinois by a staff under the direction of the Division of Higher Education, Office of Education, Federal Security Agency, had previously been sent by the Secretary of the Board of Trustees to each member of the Board.

PRELIMINARY REPORT TO THE BOARD OF TRUSTEES ON THE EMERGENCY MANPOWER PROBLEMS AS THEY AFFECT HIGHER EDUCATION

(2) This report was presented for the information of the Board and was discussed by President Stoddard. A copy was filed with the Secretary of the Board for record.

REPORTS OF COMMITTEES OF THE BOARD

At this point, the Executive Committee took up consideration of the following reports of Board Committees.

REPORT OF THE COMMITTEE ON CIVIL SERVICE AND EMPLOYEES OF THE BOARD OF TRUSTEES

Mr. Livingston presented the following report:

The Committee on Civil Service and Employees at a meeting held on January 11, 1951, in the Illini Union Building at Urbana, Illinois, considered a proposal for

changes in the University Civil Service Law presented to the Board of Trustees on December 28, 1950, and referred to the Committee.

Your Committee recommends that the Board approve the introduction of a bill in the Sixty-seventh General Assembly of Illinois to secure such improvements in the present law as are in the public interest and which will better serve the University and other institutions of higher education in Illinois, subject to the following conditions:

(a) If the employees of other institutions of higher education in Illinois are to be included in any new University Civil Service System, officials of these institutions and appropriate representatives of their employees shall be consulted with the view to securing unanimous approval of the provisions of the new law.

(b) Appropriate representatives of University of Illinois employee groups shall also be consulted and hearings shall be given to interested parties.

(c) All present rights of University employees under the existing law shall be preserved.

(d) The new law shall preserve the prevailing rate policy which has been followed by the Board of Trustees of the University of Illinois for many years.

(e) If feasible, the new law shall include a provision for reciprocity with other civil service systems which are equivalent to the University's system.

(f) The support and sponsorship of such legislation by members of the General Assembly representing the districts in which other institutions of higher education, which may be included in a new University Civil Service System, shall be secured.

In the event it is not found feasible to include other institutions of higher education in the proposed new law, your Committee recommends that the Board approve legislation which will improve the present law with respect to the University of Illinois.

WALTER W. McLAUGHLIN

ROBERT Z. HICKMAN

PARK LIVINGSTON, *Chairman*

Committee on Civil Service and Employees

On motion of Mr. Livingston, this report was adopted and the recommendations of the Committee were approved.

REPORT OF THE COMMITTEE ON BUILDINGS AND GROUNDS OF THE BOARD OF TRUSTEES

Mr. Fornof presented the following report:

A meeting of the Committee on Buildings and Grounds of the Board of Trustees of the University of Illinois was held on January 11, 1951, in the Illini Union Building at Urbana, Illinois.

Messrs. John R. Fornof, Chairman, Park Livingston, and Mrs. Doris S. Holt, members of the Committee were present. Also present were President Kenney E. Williamson and Mr. Walter W. McLaughlin of the Board of Trustees, Dr. George D. Stoddard, President of the University, Comptroller Lloyd Morey, Director C. S. Havens of the Physical Plant Department, Professor Charles H. Bowman of the College of Law, and Mr. A. J. Janata, Secretary of the Board.

The Committee gave further consideration to the request of Mr. John Katsinas for an extension of his lease of space in the Arcade Building, a matter of business which had been referred to the Committee by the Board of Trustees.

The Comptroller and the Director of the Physical Plant presented reports requested by the Committee at a previous meeting (November 30, 1950) on the capital investment made by Mr. Katsinas in equipment installed in the Arcade Building for the operation of a restaurant, and on the use the University can make of the space when it is released.

The Committee discussed these options:

(a) Immediate acquisition of the space by the University on terms agreeable to the lessor and lessee; and

(b) An extension for three years from August 31, 1952, the present termination date, with no provision for any future extensions.

At the conclusion of the discussion, on motion of Mr. Livingston, the Committee voted that it desires to achieve a mutually agreeable termination of the

lease, and that the appropriate University officials be authorized to negotiate accordingly.

A. J. JANATA
Clerk

DORIS S. HOLT
PARK LIVINGSTON
JOHN R. FORNOF, *Chairman*
Committee on Buildings and Grounds

This report was received for record.

BOND OF UNIVERSITY TREASURER

Mr. Fornof presented the following report:

The Finance Committee in accordance with action of the Board on December 28, 1950, has received from Clarence W. Weldon a bond for \$5,000,000 signed by himself and by Edward E. Brown, James B. Forgan, and Homer J. Livingston as sureties. This bond guarantees the Board of Trustees against loss of any funds of the University placed in the custody of the Treasurer. The Committee approved this bond on January 3 thereby qualifying Mr. Weldon to assume the duties of Treasurer, which he did on January 4, 1951.

This report was received for record.

EMPLOYMENT OF UNIVERSITY AUDITORS

Mr. Fornof presented the following report:

The Finance Committee recommends that the firm of George Rossetter and Company, Certified Public Accountants, Chicago, be retained as auditors for the year ending June 30, 1951, their services to be charged on the basis of a per diem rate and expenses, with the understanding that the aggregate charges will not exceed the following:

University of Illinois (including all divisions).....	\$11 000
This fee is \$500 in excess of the maximum named for the year ended June 30, 1950, to compensate for increased travel and subsistence expenses.	
University of Illinois Foundation (including the Retirement System).....	600
University of Illinois Athletic Association (including the Retirement System).....	750

These maximum costs are based on the assumption that if the auditors go beyond the scope of usual examination on request of the Finance Committee or the Board, further compensation for such additional work will be allowed after review and approval by the Finance Committee.

On motion of Mr. Livingston, the firm of George Rossetter and Company, Certified Public Accountants, was employed, as recommended.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Executive Committee resumed consideration of the following reports and recommendations from the President of the University.

RELEASE OF PATENTABLE DISCOVERIES

(1) Professor George E. Wakerlin, Head of the Department of Physiology in the College of Medicine, reports certain potentially patentable discoveries in his research work on renin and antirenin in relation to hypertension. The research work he and his associates have been doing in this field has been supported at various times by grants from the John and Mary R. Markle Foundation, the American Foundation for High Blood Pressure, the American Heart Association, the Chicago Heart Association, the Life Insurance Medical Research Fund, the United States Navy, and the National Heart Institute of the United States Public Health Service, as well as by University funds. All of these outside agencies specified as a condition of the grants they made that either no discoveries resulting from the research supported by them shall be patentable or that their permission must be obtained prior to application for a patent.

In view of the multiplicity of the supporting agencies and the stipulations

attached to their grants-in-aid, it would be extremely difficult to secure a patent and if one were obtainable, it would probably be unremunerative because of the restrictions which would almost certainly be imposed by the donors. Moreover, medical science and the public interest can best be served if Doctor Wakerlin publishes his findings in complete detail, thus preventing anyone from obtaining a patent on them. He is not interested in any personal gain and hence would not seek a patent if the right to the discovery were released to him.

In view of these considerations, the University Research Board has recommended that no application be made for a patent on Professor Wakerlin's discovery and that he be authorized to publish his findings.

I concur.

On motion of Mr. Livingston, these discoveries were released to Professor Wakerlin for publication of his findings.

LEAVE OF ABSENCE FOR PROFESSOR F. W. LOOMIS

(2) Professor F. W. Loomis, Head of the Department of Physics, has been asked to undertake the direction of a program of technical studies at the Massachusetts Institute of Technology under the auspices of the Air Force, the Navy, and the Army. The problem is of such urgency for the Armed Forces that he feels he should accept the assignment.

Accordingly, I recommend that he be given leave of absence without salary for the second semester of 1950-1951 (March 1 through August 31, 1951).

I also recommend that Professor G. M. Almy be appointed Acting Head of the Department of Physics to serve during the absence of Professor Loomis and that the President of the University be authorized to make an appropriate adjustment in his salary in view of this additional service.

On motion of Mr. Livingston, this leave was granted.

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

(3) The Governor has approved the following release of funds from appropriations made to the University of Illinois for 1949-1951 for buildings and other capital improvements:

Release No. 51

"For Permanent Improvements at Chicago — Construction of addition to present hospital".....\$425 000
This is a partial release from an appropriation of \$7,395,000. The Governor has previously released (Releases Nos. 8, 15, 17, 19, and 49) \$6,863,679.18 from this appropriation. The funds now released are for construction of a new steam heating plant on the Chicago Professional Colleges campus.

Release No. 52

"For Permanent Improvements at Urbana-Champaign — Construction of extensions to the Utility Distribution Systems"..... 67 650
These funds are for improvements in the electrical distribution system in Illini Hall and the modernization of the transformer vault serving the Busey and Evans Residence Halls.

"For Permanent Improvements at Urbana-Champaign — Construction of extensions to the Utility Distribution Systems"..... 10 000
(77 650)

The funds are for reconstruction of the storm sewer installation between Illini Hall and the Arcade Building.

The two above items are partial releases from an appropriation of \$375,000. The Governor has previously released (Releases Nos. 12, 37, 39, and 41) \$210,000 from this appropriation.

Release No. 53

"For Permanent Improvements at Urbana-Champaign — Additions to Power and Heating Plant and remodeling of existing buildings".... 7 500
This is a partial release from an appropriation of \$1,215,000. The

Governor has previously released (Releases Nos. 6, 13, 14, 16, 23, 24, 30, 36, and 42) \$1,162,422 from this appropriation. The funds now released are for the construction of a new room in the Physical Plant Service Building to house a new D.C. motor generator set.

Release No. 54

"For Permanent Improvements at Urbana-Champaign — Construction of Veterinary Science unit"..... 250 000

This is a partial release from an appropriation of \$1,560,000. The Governor has previously released (Releases Nos. 7 and 20) \$1,310,000 from this appropriation. The funds now released are for an autopsy room and related activity.

Release No. 55

"For Permanent Improvements at Urbana-Champaign — Contingencies to cover expenditures for purposes for which the amount in any item above enumerated is, or becomes insufficient"..... 65 000

This is a partial release from an appropriation of \$250,000. The Governor has previously released (Release No. 33) \$15,000 from this appropriation. The funds now released are for additional construction of the Veterinary Science unit.

Release No. 56

"For Equipment for buildings at Urbana-Champaign and Chicago"..... 25 500

This is a partial release from an appropriation of \$680,000. The Governor has previously released (Releases Nos. 2, 18, 40, 43, 44, 46, and 50) \$202,253.65 from this appropriation. The funds now released are for the purchase of a complete Diesel engine driven generator unit to be used in connection with the addition to the Power Plant.

I recommend that the funds released be appropriated for the purposes specified.

On motion of Mr. McLaughlin, these funds were appropriated, as recommended, by the following vote: Aye, Mr. Livingston, Mr. McLaughlin, Mr. Williamson; no, none.

APPROPRIATION FROM AGRICULTURAL RECEIPTS

(4) The Dean of the College of Agriculture and the Comptroller recommend an appropriation of \$1,300 from the excess Agricultural Income reserved for the use of the College of Agriculture to the Department of Horticulture.

This appropriation is requested to provide funds for the equipment and labor necessary to improve the heating system in the plant breeding greenhouse. This greenhouse is high and can not be heated satisfactorily in moderately cold weather with the present equipment. The estimated cost of the improvements is \$1,300.

I concur and request the approval of an appropriation of \$1,300 from accumulated Agricultural Income.

On motion of Mr. Livingston, this appropriation was made by the following vote: Aye, Mr. Livingston, Mr. McLaughlin, Mr. Williamson; no, none.

APPROPRIATION OF FEDERAL FUNDS

(5) The Director of the Agricultural Experiment Station and Extension Service and the Comptroller recommend the appropriation of \$88,528 of additional funds which have been made available for the fiscal year 1950-1951 and allocation of these funds as follows:

To pay mileage for travel of county farm and home advisers and their assistants, and for additional help in county extension work.....	\$31 272
Travel and expenses for a project on milk marketing.....	2 000
Demonstration and educational programs for retail distributors of fresh fruit and vegetables.....	5 000
Extension of the project in farm housing.....	2 500
Continuation of projects in research and marketing.....	47 756
<i>Total</i>	\$88 528

I recommend that this appropriation be made.

On motion of Mr. McLaughlin, this appropriation was made by the following vote: Aye, Mr. Livingston, Mr. McLaughlin, Mr. Williamson; no, none.

APPROPRIATION FOR GRADUATE FELLOWSHIPS FOR 1951-1952

(6) The Dean of the Graduate College recommends that an appropriation of \$150,000 be made at this time for graduate fellowships for the year 1951-1952. This amount was appropriated for the current academic year and is included in the biennial budget estimates for 1951-1953. It is necessary that the funds be committed now so that fellowship awards can be made and announced by April 1, 1951.

No change in the nature or amount of the stipends is proposed. Of the total, the sum of \$18,000 will be budgeted for fellowships in the Chicago Professional Colleges and \$132,000 for fellowships at Urbana-Champaign.

I concur.

On motion of Mr. Livingston, these funds were appropriated, as recommended, by the following vote: Aye, Mr. Livingston, Mr. McLaughlin, Mr. Williamson; no, none.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(7) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

Urbana-Champaign

- | | |
|---|-----------|
| 1. Equipment for departments in the College of Agriculture..... | \$ 30 208 |
| Instruments and equipment for soil and water engineering..... | \$1 464 |
| Instruments for rural electrification research and teaching..... | 1 480 |
| Food processing pilot plant equipment..... | 6 900 |
| Foods and nutrition..... | 2 000 |
| Equipment for home furnishings courses..... | 7 500 |
| Textiles and clothing..... | 2 314 |
| Motor analyzer..... | 1 400 |
| Apparatus for crop conditioning research..... | 600 |
| Equipment for food technology..... | 6 550 |
| 2. Improvement of research and teaching facilities in the Department of Physiology, College of Liberal Arts and Sciences..... | 14 566 |
| 3. Remodeling and equipment for School of Music..... | 23 600 |
| 4. Repairs and alterations in North Greenhouses, Department of Botany..... | 7 550 |
| 5. Remodeling in Natural History Building, Department of Botany..... | 2 950 |
| 6. Physical Plant Department..... | 17 000 |
| Improvement of main campus steam condensate return system..... | \$14 000 |
| Installation of window safety anchors in Talbot Laboratory... | 3 000 |
| 7. Parking lot at 202 South Goodwin Avenue, Urbana..... | 5 500 |
| 8. Lighting improvements for University High School..... | 8 100 |
| 9. Expansion of facilities for Radiocarbon Laboratory..... | 135 000 |

Chicago Professional Colleges

- | | |
|--|------------------|
| 10. Sliding microtome for the Animal Hospital..... | 700 |
| 11. Equipment for photofluoroscopic project in the Departments of Clinical Science and Psychiatry..... | 2 200 |
| <i>Total.....</i> | <i>\$247 374</i> |

I recommend that appropriations for these purposes be made from the General Reserve Fund.

On motion of Mr. McLaughlin, these appropriations were made, as recommended, by the following vote: Aye, Mr. Livingston, Mr. McLaughlin, Mr. Williamson; no, none.

APPROPRIATION FOR RESEARCH AND EDUCATIONAL HOSPITALS

(8) The Medical Director of the Research and Educational Hospitals and the Vice-President in charge of the Chicago Professional Colleges recommend an additional recurring appropriation of \$21,200 on an annual basis and a nonrecurring appropriation of \$2,400 for the operating rooms. This additional appropriation will

provide for the necessary staff, expense, and equipment to increase the efficiency and the amount of work done in the operating rooms. The increase has been included in the biennial budget estimates for 1951-1953.

I recommend a recurring appropriation of \$21,200 on an annual basis prorated to conform to the portion of the year remaining from the date of implementation of this expansion and a nonrecurring appropriation of \$2,400.

On motion of Mr. Livingston, these funds were appropriated, as recommended, by the following vote: Aye, Mr. Livingston, Mr. McLaughlin, Mr. Williamson; no, none.

CONTRACT FOR POWER PLANT ADDITION

(9) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$23,850 to the Contracting Construction Company, Inc., Danville, for the construction of the Diesel engine house which is a part of the Power Plant addition.

Funds are available in the state appropriation for "Additions to Power and Heating Plant and remodeling of existing buildings."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract, subject to the release of funds by the Governor.

On motion of Mr. McLaughlin, authority was given, as recommended.

CHANGE IN GENERAL CONTRACT FOR CONSTRUCTION OF RESEARCH AND EDUCATIONAL HOSPITALS ADDITION

(10) The Director of the Physical Plant and the Comptroller recommend an increase of \$1,507.66 in the contract with the Patrick Warren Construction Company, Chicago, for the general work in the construction of the Research and Educational Hospitals addition. This is to cover materials and labor for installation of additional shelf angles for proper support of the masonry at building corners.

Funds are available in the state appropriation for "Construction of addition to present hospital."

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mr. Livingston, authority was given, as recommended.

CHANGE IN ELECTRICAL CONTRACT FOR CONSTRUCTION OF RESEARCH AND EDUCATIONAL HOSPITALS ADDITION

(11) The Director of the Physical Plant and the Comptroller recommend an increase of \$9,968.37 in the contract with the Wadeford Electric Company, Chicago, for the construction of the Research and Educational Hospitals addition to provide for:

- (a) Work and materials necessary for installation of 66 additional telephone outlets, including larger conduits, estimated to cost.....\$2 423 70
- (b) Installation of an emergency call system for operating rooms on fourth floor, estimated to cost..... 2 012 17
- (c) Installation of 22 X-ray film illuminators..... 3 198 00
- (d) Installation of 62 additional outlets and 15 ampere single pole circuit breakers in eighth floor laboratory power panels, estimated to cost.. 2 334 50

Funds are available in the state appropriation for "Construction of addition to present hospital."

I concur and recommend that the Comptroller be authorized to execute these changes in the contract.

On motion of Mr. McLaughlin, authority was given, as recommended.

CHANGE IN CONTRACT FOR PRINTING OF DENTAL POSTGRADUATE COURSE MANUAL

(12) On July 25, 1950 (Minutes, page 30), the Board approved a contract for \$21,631 with the Neely Printing Company, Chicago, for printing manuals for the Dental Postgraduate Telephone Extension program.

In the process of printing, certain changes were required which were not contemplated when specifications were issued. Items were deleted which had become outdated, new developments were added, and changes and additions of color were made after the first proof. The cost in excess of that authorized is \$1,964.28.

Funds are available in the income from fees for the postgraduate course to meet this additional cost.

I recommend that the Comptroller be authorized to pay the Neely Printing Company a total of \$23,595.28 on this contract.

On motion of Mr. Livingston, authority was given, as recommended.

GIFT OF MRS. THERESE GARNER

(13) The Comptroller reports that there have been received from Mrs. Therese Garner of Jackson, Mississippi, and deposited in safekeeping securities having at the date of receipt a market value of \$39,730.26, which sum constitutes the gift of Mrs. Garner to endow the James Wilford Garner Fellowship in Political Science.

This report was received for record.

BEQUEST OF ELSIE JUSINA

(14) Under the last will and testament of Elsie Jusina of Chicago, who died on March 4, 1949, the University of Illinois was named as residuary beneficiary, with the sole restriction that the bequest be used for the Research and Educational Hospitals. Settlement of the estate has been completed, and the sum of \$4,361.85 has been received.

The Executive Committee of the Hospital has recommended and the Vice-President of the Professional Colleges has approved the use of these funds to purchase electroencephalographic equipment.

I concur in this recommendation and request authority to accept the bequest and expend it for the purpose indicated.

On motion of Mr. McLaughlin, the bequest was accepted and the use of the funds as recommended was authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(15) The Comptroller's report of contracts executed for the period from December 1 to 31, 1950.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Abbott Laboratories	Toxicity and metabolism of sucaryl	\$16 000 00	December 1, 1950
Armour and Company	Unsaturated fatty acids	3 000 00	November 1, 1950
The Borden Company	Stability of poultry fat	1 000 00	December 22, 1950
United States Navy	Books and other supplies for Navy R.O.T.C. students	2 000 00	July 1, 1950
United States Navy	Naval aviation college program for one trainee	256 68	September 21, 1950

Adjustments in Authorizations Issued Prior to July 1, 1949 Under Cost-Plus Standing Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>
Lewis S. Colbert	Two adjustments	\$507 55 (deduct)

Adjustments Made in Authorizations Issued Under Cost-Plus Standing Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	Bevier Hall remodeling	\$1 500 00	November 21, 1950
	Health Service remodeling	450 00	November 22, 1950
	Sub-total	(1 950 00)	

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. N. DeAtley	Bevier Hall remodeling	4 200 00	November 21, 1950
	Health Service remodeling	3 020 00	November 22, 1950
	Changes in administrative offices	1 291 43	December 11, 1950
	Noyes Laboratory remodeling, renovation, and modernization	2 043 25	December 15, 1950
	Sub-total	(10 554 68)	
Reliable Plumbing and Heating Co.	Health Service remodeling	1 350 00	November 22, 1950
	Harker Hall remodeling	2 500 00	November 24, 1950
	Bevier Hall remodeling	500 00	November 30, 1950
	Huff Gymnasium—room 212	300 00	December 5, 1950
	Changes in administrative offices	445 59	December 11, 1950
	Sub-total	(5 095 59)	
Schroeder's	Bevier Hall remodeling	2 000 00	November 21, 1950
Clarence Siems	Harker Hall remodeling	4 931 70	November 24, 1950
Square Deal Electric	Changes in administrative offices	165 00	December 11, 1950

This report was received for record.

PURCHASES

Purchases Authorized

(16) The following purchases were authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
644 auditorium tablet arm chairs upholstered in green sage mohair; 229 to be installed in new Animal Sciences Laboratory, 277 to be installed in new Veterinary Medicine Building, 139 to be installed in Electrical Engineering Building	Electrical Engineering; Physical Plant	American Seating Co., Chicago	\$16 405 20 delivered and installed
152' 12" seamless black steel pipe (cut in thirteen pieces of various lengths)	Aeronautical Engineering	Crane Company, Terre Haute, Ind.	2 990 88 f.o.b. delivered
20 fittings consisting of 12" tees, elbows, and valves			

On motion of Mr. Livingston, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 5' combine complete with auxiliary motor and grain bin, less allowance for Allis-Chalmers 5' combine and one No. 490 John Deere four-row corn planter	Agricultural Administration	Raymond Hale, Grand Chain	\$1 200 00 delivered
One International Farmall model M tractor with power take-off, belt pulley, electric starter, open center tires—size 12 x 38—filled with fluid, less allowance for a Farmall model H tractor and a J. I. Case Co. plow	Agricultural Administration	Power Farm Implement Co., Champaign	1 405 45 f.o.b. Dixon Springs
One microscope, research, Ortholux type with apochromatic objectives 16-8-4-2 (oil) mm.; periplanatic eyepieces 6X, 8X, and 12X; binocular and minocular bodies, regulating transformer and six spare bulbs	Animal Science	W. H. Kessel & Co., Chicago	1 722 80 f.o.b. Urbana
One chemical distillation apparatus, packed column, 316 stainless steel, including one column 3" x 100", still pot of 30 gallons, condenser and receiving tank (10 gallons)	Chemistry	Artisan Metal Products, Inc., Waltham, Mass.	1 400 00 f.o.b. Waltham, Mass.
One Tiselius electrophoresis apparatus, portable, twin schlieren lens type, self-contained unit with bath, refrigeration system, H.V. power supply, complete operation on 110 volts a.c.	Dairy Science	American Instrument Co., Inc., Silver Spring, Maryland	2 640 00 f.o.b. Silver Spring, Md.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One single microvolt potentiometer	Physics	Rubicon Co., Philadelphia, Pa.	1 650 00 f.o.b. Philadelphia, Pa.
One monel metal dressing autoclave 16" x 24" steam jacketed	Animal Hospital, Chicago Profes- sional Colleges	Wilmot-Castle Co., Chicago	1 040 00 f.o.b. delivered
One typewriter accounting machine, Burroughs style No. 78-06-76, with six accumulating registers and one crossfooter with one extra remov- able control bar and five extra removable instruction holders	Illini Union Bookstore	Burroughs Adding Ma- chine Co., Champaign	2 762 26 f.o.b. delivered and installed
Rebuilding and refinishing of model B Steinway grand piano	Illini Union	Steinway & Sons, New York City	1 780 00 (estimate)
One, two-stage air-cooled, gasoline driven, air compressor mounted on four pneumatic tired wheels and including double hose reel	Physical Plant	Chicago Pneumatic Tool Co., St. Louis, Mo.	3 832 00 f.o.b. Franklin, Pa.
Five dozen 4 1/2" pure china bristle, leather bound, stucco paint brushes, 5 1/4" clear	Physical Plant	Devoe & Raynolds Co., Chicago	1 430 12 f.o.b. delivered
Four dozen 2" angular, pure china bristle, sash brushes, 2 3/4" clear	Physical Plant	New York Blower Co., Chicago	3 797 00 f.o.b. Urbana
26 ventilating fans, complete with motors, for fume hoods in Noyes Laboratory	Physical Plant	Ruby Chevrolet, Chicago	1 669 61 delivered
One carryall (steel body) with six- ply tires and standard equipment plus directional turning signal lights, air flow heater and defroster, less trade in allowance for 1942 Ford station wagon	Physical Plant, Chicago Professional Colleges	Broadway Ford, Inc., Chicago	1 588 50 delivered
Two autoclaves — laboratory type, horizontal, full door, single wall, 21 1/2" x 38", copper construction, direct steam, automatic control, complete with stand, two monel trays, thermometer, gage, dis- charge pipe, regulator, complete ready for installation	Dairy Science	American Sterilizer Co., Chicago	2 572 60 f.o.b. Urbana
One lot laboratory equipment for Animal Science, Food Technology, and General Chemical Stores	Animal Science Food Technology General Chemical Stores	A. S. LaPine & Co., Chicago	19 640 94 f.o.b. Urbana
18 microscopes—laboratory, student type, vertical monocular tube, coarse and fine adjustments, three parfocaled achromatic objectives —16 mm., 4 mm., 1.8 mm. oil im- mersion in revolving nosepiece; 10X Huygenian eyepiece; Abbe condenser, iris diaphragm, plano- concave mirror; mechanical stage; without case, engraved	Veterinary Medicine	W. H. Kessel & Co., Chicago	4 294 46 f.o.b. Urbana
18 microscopes—stereoscopic, wide field, vertical eyepieces, sliding ob- jective rack, removable glass stage, paired W. F. objectives 1.0X - 3.0X - 6.0X, paired W. F. 10X ob- jectives, without case cabinets en- graved	Veterinary Medicine	E. H. Sargent & Co., Chicago Chicago Apparatus Co., Chicago A. S. LaPine & Co., Chicago	2 062 80 2 062 80 2 062 80 (6 188 40) f.o.b. Urbana
One lot sterilizer equipment for the new Veterinary Medicine Building	Veterinary Medicine	Wilmot-Castle Co., Rochester, N.Y.	6 736 52 f.o.b. Urbana
One electroencephalograph, eight channel recording with nine-speed gear box, 18 point electrode input, 115 volt a.c. 60 cycle operation	Psychology	Grass Instrument Co., Quincy, Mass.	3 735 00 f.o.b. Quincy, Mass.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
250 dozen ribbed bath towels, name woven, 20" x 40", hemmed edges and ends	Physical Education	General Products Co., Chicago	2 562 75 f.o.b. Kannapolis, N.C.
Four lots assorted laboratory porcelain ware (220 items)	General Chemical Stores	Central Scientific Co., Chicago Chicago Apparatus Co., Chicago E. H. Sargent & Co., Chicago Wilkins-Anderson Co., Chicago Total	2 166 54 2 159 95 2 121 07 2 118 88 (8 566 44) f.o.b. Urbana
400 cases (approximately) Pyrex laboratory glassware to be used in new chemical laboratories; to be ordered and delivered as required between February 1, 1951, and June 30, 1951	General Chemical Stores	Central Scientific Co., Chicago Chicago Apparatus Co., Chicago E. H. Sargent & Co., Chicago Wilkins-Anderson Co., Chicago Total	2 500 00 2 500 00 2 500 00 2 500 00 (10 000 00) (approximate) f.o.b. Urbana
37 items miscellaneous laboratory glassware for Physical Sciences laboratory at the Chicago Undergraduate Division	Physical Sciences, Chicago Undergraduate Division	A. S. LaPine, Co., Chicago	3 265 96 f.o.b. delivered
250 reams 22 x 34—40 lb. 25% rag bond paper	Office Supply Store	Reliable Paper Co., Chicago	14 967 55 f.o.b. Urbana
300 reams 22 x 34—32 lb. 25% rag bond paper			
250 reams 22 x 34—26 lb. 25% rag bond paper			
50 reams 24 x 38—39 lb. 25% rag bond paper			
25 reams 24 x 38—49 lb. 25% rag bond paper			
200 reams 22 x 34—40 lb. 100% rag bond paper			
75 reams 22 x 34—32 lb. 100% rag bond paper			
30 reams 22 x 34—26 lb. 100% rag bond paper			
One tool makers high-speed V bed precision lathe mounted on a cabinet with maximum spindle speed of at least 2000 r.p.m., swing not less than 8 1/4" and extra equipment, 220 volt, 60 cycle, 3 phase	Orthopaedic Surgery, Chicago Professional Colleges	Do-All Midwest Co., Chicago	3 637 32 f.o.b. Waltham, Mass.
One complete lot of field bolts, galvanized for Blaw-Knox 550' H-40 television tower	Radio Station	Graybar Electric Co., Chicago	3 921 90 f.o.b. Pittsburgh, Pa., with freight allowed
100 safety switches, 3 pole, 30 amperes, 230 volt, type A	Physical Plant Storeroom	General Electric Supply Corp., Chicago	1 207 68 f.o.b. delivered
Three 100 kva transformers, single phase, 60 cycle, askarel-immersed, self-cooled, 4160 volt primary, 240/120 volt secondary	Physical Plant	R. E. Uptegraff Manufacturing Co., Scottsdale, Pa.	4 200 00 f.o.b. Scottsdale, Pa., with freight allowed
Two 50 kva transformers, single phase, 60 cycle, askarel-immersed, self-cooled, 4160 volt primary, 240/120 volt secondary			
Two model 57 Sohmer grand pianos 5' 7" ebony finish	School of Music	Clifford V. Loyde Piano Co., Champaign	2 800 00 f.o.b. Urbana
86 fluorescent fixtures 3-40 watt, 24" double stem hangers with albalite glass panels; 59 fluorescent fixtures 4-40 watt, 24" double stem hangers with albalite glass panels; improvement in lighting, University High School	Physical Plant	Efengue Electrical Supply Co., Chicago	4 312 45 f.o.b. Urbana

Item	Department	Vendor	Cost
1,000 copies book entitled <i>Iscoretx of Mar.</i> by Percival Bailey and Gerhardt von Bonin, to be printed and bound	University Press	Waverly Press, Inc., Baltimore, Md.	3 970 42 f.o.b. Baltimore, Md.
100 (approximately) uniforms for ground forces R.O.T.C. advanced students; 75 (approximately) uniforms for Air Force R.O.T.C. advanced students	Military	Associated Military Stores, Chicago	13 750 00

Purchase of Feeding Cattle for Wright Farms

On September 29, 1950 (Minutes, page 346), the Board of Trustees approved a program for the purchase of beef cattle for feeding on the Wright Farms in 1950-1951. Purchases have been carried out in accordance with this program.

An estimate of the feed on hand and the requirements for the cattle still unsold indicates that there will be grass silage and hay available for more cattle. In view of the feed supply available, approval is requested for the purchase of the following additional cattle:

Month	Number	Average Weight	Price per Hundred- weight	Total Cost	University's Share
January.....	25	700	@ \$29 00	\$5 075 00	\$ 2 537 50
May or June.....	25	750	@ 27 50	5 157 25	2 578 62
				Total, University's share	\$ 5 116 12

The Director of Purchases, the Comptroller, and the Dean of the College of Agriculture request authority to purchase additional feeding cattle accordingly on the basis of current market prices when suitable stock is available, the cost to be paid from Wright Farms operation income.

On motion of Mr. Livingston, these purchases were authorized, as recommended.

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(17) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

JULIAN LINCOLN ABRAHAMS (Colo.)	RAPHAEL J. MUSICUS (N.Y.)
HORACE GEORGE BARDEN (Ind.)	MORRIS EVERETT PARKINSON (N.Y.)
ROBERT FREDERICK BUSCHEK (Mo.)	TAYLOR HAYHURST SEEGER (Mich.)
FRASER CRAWLEY HUBERT (Mo.)	ROBERT MCGREW SIMPSON (Mich.)
RAY BRYANT LAMBRIGHT (Mo.)	WILLIAM THOMAS STERLING (N.Y.)
JOSEPH JOHN MILLER (Ind.)	WILLIAM EDWARD TREMPER (Wash.)
RALPH ALBERT MILLIMAN (D.C.)	STUART EARLE WHITE (Mo.)
GORDON PAVEY MITCHELL (N.C.)	

I concur.

On motion of Mr. McLaughlin, these certificates were awarded, as recommended.

**CONTRACTS FOR INSTALLATION OF FUME HOODS AND
SAFETY SHOWERS IN NOYES LABORATORY**

(18) Bids have been secured on the installation of the second and final group of fume hoods and safety shower improvements in Noyes Laboratory. All bids are on the basis of a fixed fee to the contractor plus actual cost, plus a percentage to be added to labor payrolls or for any additional work requested.

The Director of the Physical Plant and the Comptroller recommend award of contracts to the lowest bidders as follows:

	Fixed Fee
General work — E. N. DeAtley, Champaign.....	\$1 975
Plumbing and heating work — Reliable Plumbing and Heating Company, Champaign.....	3 495
Ventilating work — F. R. Inskip, Champaign.....	2 500
Electrical work — Anderson Electric, Inc., Danville.....	1 000

The total estimated cost of these installations is \$49,970. Funds are available. I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

On motion of Mr. McLaughlin, authority was given, as recommended.

CHANGE IN CONTRACTS FOR REMODELING QUARTERS FOR DEPARTMENT OF BACTERIOLOGY

(19) With the removal of the Biochemistry Division of the Department of Chemistry from Noyes Laboratory to the East Chemistry Building, space was released to provide more adequate quarters for the Department of Bacteriology which has been housed for many years in Noyes Laboratory. On September 29, 1950, the Board of Trustees authorized contracts for remodeling in Noyes Laboratory for the Department of Bacteriology. Funds had previously been made available for these improvements.

The Department has recently requested additional changes and the Board on December 28, 1950, appropriated the necessary funds. The Director of the Physical Plant and the Comptroller recommend additions to the contracts for this remodeling work as follows:

<i>Contractor</i>	<i>Original Estimate Submitted to Board</i>	<i>Previous Increase Approved by Comptroller</i>	<i>Proposed Additional Increase (Estimated cost)</i>
E. N. DeAtley, Champaign, general work.....	\$10 425		\$4 701
Potter Electric Service, Urbana, electrical work.....	1 700		1 654
Reliable Plumbing and Heating Com- pany, Champaign, plumbing and heating work.....	5 000	\$2 000	4 795

I concur and recommend that the Comptroller be authorized to execute these contract changes.

On motion of Mr. Livingston, authority was given, as recommended.

CONTRACT FOR STORM DRAINAGE SYSTEM IN ILLINI HALL AREA

(20) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$5,100 to the General Paving Company, Champaign, the lowest bidder, for construction of a new storm drainage system in the driveways and other areas between Illini Hall and adjacent buildings at the northwest corner of John and Wright Streets. This improvement is needed to protect the basement of the Arcade Building which is used for storage by the Illini Union Bookstore. The installation of the sewer will require replacement of the present drive between the buildings which is in poor condition and would need replacement in any case.

Funds are available in the state appropriation for "Construction of extensions to the Utility Distribution Systems."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Livingston, authority was given, as recommended.

CONTRACT FOR ENGINEERING SERVICES ON PLANT FOR PRODUCTION OF DISTILLED WATER

(21) Approximately sixty laboratories at Urbana use distilled or demineralized water which is produced by twenty-five water stills and two demineralizing units. Thirteen of the twenty-seven departments operating this equipment report inadequacy of or dissatisfaction with the present equipment. It is desirable to determine the feasibility of a central production plant and other possibilities of producing distilled water at the lowest cost.

Wilson and Anderson, Consulting Engineers, Champaign, have offered to make this study on the basis of: (a) \$4.50 per hour for the time of the principal

engineer; (b) wages of other employees, plus 60 per cent to cover overhead and commission. There would be a limitation of \$2,500 on the contract.

The Director of the Physical Plant and the Comptroller recommend the approval of this contract and an appropriation of \$3,200 to cover the cost of the contract and other expenses incurred by the Physical Plant Department in this study.

I concur and recommend that an appropriation of \$3,200 be made from the General Reserve Fund and that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. McLaughlin, this appropriation was made and authority was given, as recommended, by the following vote: Aye, Mr. Livingston, Mr. McLaughlin, Mr. Williamson; no, none.

ENGINEERING SERVICES ON WATER RECLAMATION IMPROVEMENTS

(22) The Director of the Physical Plant and the Comptroller recommend the award of a contract to E. C. Manthei, Consulting Engineer, Champaign, for engineering services on water reclamation improvements on the basis of actual salaries paid engineers, draftsmen, and others employed, plus 80 per cent for overhead and commission. The overhead includes cost of blueprints and writing of specifications.

Funds are available in a special appropriation made by the Board on December 28, 1950, for this purpose.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Livingston, authority was given, as recommended.

CHANGE IN CONTRACT FOR LABORATORY EQUIPMENT FOR VETERINARY MEDICINE BUILDING

(23) On December 28, 1950, the Board authorized contracts for the construction of an annex to the Veterinary Medicine Building to house the autopsy room and related activities. This annex will require additional laboratory equipment.

A contract for \$110,514.67 was awarded to the Laboratory Furniture Company, Inc., Long Island City, New York, for the furnishing and installation of the fixed laboratory equipment in the main building. The Company has offered to furnish and install the fixed laboratory equipment in the annex at an estimated cost of \$11,281.77. This figure has been checked by the architects and found reasonable.

The Director of the Physical Plant and the Comptroller recommend an increase of this amount in the original contract.

Funds are available in the state appropriation for the construction of the building.

I concur and recommend that the Comptroller be authorized to execute this contract change.

On motion of Mr. McLaughlin, authority was given, as recommended.

GIFT OF MR. AND MRS. MERLE J. TREES

(24) Mr. and Mrs. Merle J. Trees offer the University of Illinois the following paintings as their 1951 contribution to the "Emily Nichols Trees (Class of 1905) and Merle Jay Trees (Class of 1907) Collection": "Wooded Landscape with Water" by Ruisdael, appraised value \$11,000; "Courtyard Scene" by Hendrik van der Burch, appraised value \$8,500.

The appraisals have been made by the Art Institute of Chicago.

I recommend that these paintings be accepted as a part of the Trees collection.

On motion of Mr. Livingston, these paintings were accepted with an expression of appreciation to Mr. and Mrs. Trees for their continued generosity.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) declinations and resignations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.

- ALLEN, HARRY R., Assistant Professor, Architecture (Undergraduate Division in Chicago), six months beginning March 1, 1951, to render service during the second semester of the academic year, \$416.67 a month (1-6-51).
- AUTEN, DONALD S., Instructor, Surgery (Medicine), eleven months beginning October 1, 1950, without salary, supersedes (1-3-51).
- BARNETT, ZOLO G., Instructor, Education ($\frac{3}{4}$), six months beginning March 1, 1951, to render service during the second semester of the academic year, \$2200 a year, supersedes (12-21-50).
- BLACK, CHESTER J., Clinical Assistant, Ophthalmology (Rush) (Medicine), one year beginning September 1, 1950, without salary (1-9-51).
- BRINKWORTH, BILLY D., Instructor, Architecture, eight months beginning January 1, 1951, to render service during the second semester of the academic year, \$3200 a year (12-29-50).
- CANNON, WALTON W., Research Associate, Electrical Engineering (C), seven months beginning February 1, 1951, \$3900 a year, supersedes (1-11-51).
- DEROSA, FRANCIS P., Clinical Assistant, Surgery (Medicine), eight months beginning January 1, 1951, without salary (1-4-51).
- DOYLE, MRS. VIRNELLE, Acting Supervisor, Social Case Work, beginning February 1, 1951, and continuing until further notice, and Instructor, Social Welfare Administration, seven months beginning February 1, 1951 (Chicago Professional Colleges), \$4800 a year, supersedes (1-17-51).
- ECKMANN, BENO, Visiting Professor, Mathematics, September 1, 1951-January 15, 1952, \$3000 (1-6-51).
- ERNST, EDWARD W., Research Associate, Electrical Engineering (C) ($\frac{3}{4}$), seven months beginning February 1, 1951, \$3600 a year, supersedes (1-11-51).
- ERNST, MARIE K., Assistant, Ophthalmology (Medicine), November 8, 1950-June 30, 1951, without salary (1-4-51).
- FENTON, FRANCES H., Registered Pharmacist in charge of the Illinois Eye and Ear Infirmary Pharmacy (Pharmacy), eight months beginning January 1, 1951, \$4000 a year, supersedes (1-3-51).
- GOLDWASSER, EDWIN L., Research Associate, Physics (C), March 15-August 31, 1951, \$500 a month (1-9-51).
- HARRISON, JOHN V., Visiting Professor, Geology, ten months beginning September 1, 1951, to render service during the academic year, \$6000 (12-27-50).
- HAYDEN, EDGAR C., Research Associate, Electrical Engineering (C), seven months beginning February 1, 1951, \$5200 a year, supersedes (1-11-51).
- HENDERSON, WALTER J., Research Assistant, Radiology (Medicine), January 2-August 31, 1951, \$3000 a year, supersedes (1-16-51).
- JANKE, MRS. LEOTA L., Assistant Professor, Psychology, six months beginning February 1, 1951, to render service during the second semester of the academic year, \$2250 (1-12-51).
- KAPUSTIAK, WENDELL A., Clinical Assistant, Ophthalmology (Medicine), one year beginning September 1, 1950, without salary (1-4-51).
- LARROWE, BOYD T., Research Assistant, Electronic Digital Computer (Graduate College), February 1-June 15, 1951, to render service during the second semester of the academic year, \$300 a month, supersedes (1-8-51).
- LEWIS, HARVEY A., Clinical Instructor, Psychiatry (Medicine), ten months beginning November 1, 1950, without salary (12-13-50).
- MACFATE, ROBERT P., Assistant Professor, Pathology (Medicine) (15/100), and Assistant Director, Hospital Laboratory, and Assistant Professor, Pathology (Research and Educational Hospitals) (35/100), eight months beginning January 1, 1951, \$3250 a year, supersedes (1-12-51).
- MADISON, MARCIA M., Research Assistant, Pediatrics (Medicine), eight months beginning January 1, 1951, \$3200 a year, supersedes (1-4-51).
- MAKSIC, DRAGUTIN, Assistant, Veterinary Pathology and Hygiene (Veterinary Medicine), eight months beginning January 1, 1951, \$3600 a year (1-3-51).

- OLIVER, JAMES V., Research Assistant, Surgery (Medicine), eight months beginning January 1, 1951, without salary (1-4-51).
- PETRAVICE, PETER P., Clinical Assistant, Ophthalmology (Medicine), one year beginning September 1, 1950, without salary (1-9-51).
- REECE, ERNEST J., Visiting Professor, Library Science, six months beginning March 1, 1951, to render service during the second semester of the academic year, \$3000 (12-27-50).
- RIX, DOLORES M., Research Assistant, Medicine (Medicine), one year beginning December 1, 1950, \$2930, supersedes (1-4-51).
- RODRIGUEZ, ARTHUR A., Assistant Professor, Physical Medicine (Medicine), and Assistant Chief of Physical Medicine and Rehabilitation (Research and Educational Hospitals) (4%), eight months beginning January 1, 1951, \$5900 a year, supersedes (1-17-51).
- RUST, RICHARD H., First Assistant, Soil Physics (Agronomy) (S), eight months beginning January 1, 1951, \$4200 a year, supersedes (1-16-51).
- SIEVERS, DOROTHY J., Research Assistant, College of Education, nine months beginning January 1, 1951, \$2800 a year (1-5-51).
- SIMPSON, ELIZABETH J., Instructor, Student Teaching (University Council on Teacher Education) (7/10), six months beginning March 1, 1951, to render service during the second semester of the academic year, \$2800 a year, supersedes (1-15-51).
- SPIRO, BARBARA, Clinical Assistant, Ophthalmology (Rush) (Medicine), eleven months beginning October 1, 1950, without salary (1-3-51).
- STALLMEYER, JAMES E., Research Associate, Civil Engineering (S), seven months beginning December 1, 1950, \$3900 a year (1-9-51).
- STEINER, GILBERT Y., Research Associate, Institute of Government and Public Affairs, seven months beginning February 1, 1951, \$4100, supersedes (1-16-51).
- WALTER, LOWELL M., Instructor, Education (University High School) ($\frac{1}{2}$), six months beginning March 1, 1951, to render service during the second semester of the academic year, \$2000 a year, supersedes (1-4-51).
- WILLIAMS, LEWIS W., II, Instructor, Art, six months beginning February 1, 1951, to render service during the second semester of the academic year, \$291.66 a month (1-9-51).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- BERESNIEWICZ, ALEXANDER, Fellow, Chemistry, February 1-June 15, 1951, \$350 (1-8-51).
- DI PASQUALE, EDITH L., Public Health Service Research Fellow, Physiology (Medicine), December 9, 1950-September 15, 1951, \$2600 a year (1-4-51).
- GORDON, ARCHER S., American National Red Cross Research Fellow, Clinical Science (Medicine), eight months beginning January 1, 1951, \$2400 a year (1-3-51).
- LEBEAU, LEON J., F. S. Hornstein Allergy Research Fellow, Bacteriology (Medicine), nine months beginning December 1, 1950, \$1963.56 a year (12-8-50).
- MONAHAN, IRENE P., Fellow, Mathematics, February 1-June 15, 1951, \$350 (1-8-51).
- SCOTT, JOHN T., JR., Fellow, Agronomy, February 1-June 15, 1951, \$350 (1-8-51).
- WAH, THEIN, Fellow, Civil Engineering, February 1-June 15, 1951, \$425 (1-8-51).

DECLINATIONS AND RESIGNATIONS

- ARMESY, THOMAS W., Assistant, Management (Business Organization and Operation) — declination effective 2-1-51.
- BUCHELE, ROBERT B., Assistant Professor, Management (Business Organization and Operation) — declination effective 9-1-51.
- DOWELL, DOROTHY, Instructor, Labor and Industrial Relations (University Extension) and (Institute of Labor and Industrial Relation) — resignation effective 2-23-51.

- HIRSCH, HERBERT M., Fellow, Bacteriology — resignation effective 1-31-51.
 HOSCH, MRS. FLORENCE I., Associate Professor, Social Welfare Administration — resignation effective 3-1-51.
 RUSSELL, MARIAN E., Supervisor, Social Case Work, with the rank of Associate Professor (Division of Social Welfare Administration) — resignation effective 2-15-51.
 RUWE, ALFRED C., First Assistant, Farm Management (Agricultural Economics) (S) — resignation effective 2-1-51.

LEAVES OF ABSENCE

- BEAM, GEORGE R., Director, Statistical Service Unit (Provost's Office) — leave of absence, without salary, January 2-February 28, 1951, for service to the State Department of Finance.
 COCHRAN, JOHN A., Assistant Professor, Economics — leave of absence, without salary, March 1, 1951, until the end of the current academic year, for military service.
 LOKEN, ROBERT D., Professor, Management (Business Management Service) — leave of absence without salary, January 15-March 15, 1951.
 MCGHEE, JAMES R., Instructor, Architecture — leave of absence, without salary, January 1, 1951, until the end of the current academic year, for military service.
 POMEROY, DONALD S., Assistant Professor, Psychology — leave of absence, without salary, March 1, 1951, until the end of the current academic year, for military service.
 ROLL, HARVEY C., Clinical Associate, Dermatology (Medicine) — leave of absence, without salary, September 25, 1950-August 31, 1951.
 SALLACH, HENRY J., Research Assistant, Chemistry (Graduate College) — leave of absence, without salary, during the month of December, 1950, because of a death in his family.
 THORNBERRY, HALBERT H., Associate Professor, Plant Pathology (Horticulture) (C & S) — leave of absence, with full salary, two weeks beginning December 9, 1950, for special service to the Department of the Army.
 URSIC, STANLEY J., Assistant, Forest Research (Forestry) (S) — leave of absence, without salary, one month beginning December 15, 1950, to supplement his vacation.

FEBRUARY MEETING OF THE BOARD

The Chairman of the Executive Committee asked for an expression of the desires of the Trustees present as to the date of the next Board meeting. It was decided to hold it on February 15, 1951, the hour and place to be determined later by the President of the Board.

On motion of Mr. Livingston, the Executive Committee adjourned.

A. J. JANATA
Clerk

KENNEY E. WILLIAMSON
Chairman

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

February 15, 1951



The February meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Thursday, February 15, 1951, beginning at 2:00 p.m.

The following members were present: President Williamson, Mr. Herrick, Mr. Hickman, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins.

Also present were President Stoddard, Provost Coleman R. Griffith, Vice-President A. C. Ivy, Messrs. Howard A. Hazleton, Business Manager of the Chicago Colleges, C. C. DeLong, Bursar, J. F. Wright, Director of Public Information; Judge John H. Armstrong, Attorney, Champaign, special counsel for the University; and Messrs. Lloyd Morey, Comptroller, C. W. Weldon, Treasurer, and A. J. Janata, Secretary of the Board.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following recommendations and reports presented by President Stoddard.

APPOINTMENT OF LEGAL COUNSEL

(1) Three months ago I appointed a Committee to study two questions which needed clarification with respect to the office of Legal Counsel: (a) Could the position be regarded as part time, and if so, in what other capacities could the University employ such an officer? (b) Should the University enter into a contract with the Research Corporation of New York to handle the University's patent matters with a view to reducing the work of the Legal Counsel or of special counsel?

After the Committee reported on these questions I asked it to make a canvass of potential candidates for the position of Legal Counsel.

As a result of its investigations, the Committee finds that the University has need for a full-time Legal Counsel. It recommends that one be employed as an officer of the University. The Committee submitted abundant evidence in support of its conclusion.

The Committee also concurred in the recommendation of the University Research Board that the University enter into negotiations with the Research Corporation for certain patent services. Patent law is so specialized that it is necessary for the University to employ outside counsel on patent cases. A contract with the Research Corporation would reduce such services rather than the amount of work in the Legal Counsel's office. (A separate recommendation on this will be submitted at a later time.)

I recommend the appointment of Mr. Ralph F. Lesemann of the law firm of Baker, Lesemann, Kagy, and Wagner, East St. Louis, Illinois, as Legal Counsel and as Professor of Law at an annual salary of \$12,000 (Y basis), beginning May 1, 1951, the appointment as Legal Counsel to be on an annual basis and as Professor to be on indefinite tenure, with the understanding that the salary will be \$13,500 the second year and \$14,800 the third year. For the present the professorship will not involve any academic assignment, but it is desirable that Mr. Lesemann be a member of the faculty of the College of Law and of the University Senate. As a general administrative officer he will also be a member of the University Council.

I also request authority to employ Mr. Lesemann for short periods on a consulting per diem basis if his services are needed prior to May 1, 1951.

On motion of Mr. Herrick, this appointment was approved.

CONTRACTS WITH WARNER CONSTRUCTION COMPANY

(2) The President of the University reported that at a meeting of the Illinois Budgetary Commission in Springfield on February 14, which officials of the University of Illinois were asked to attend for the purpose of discussing the University's budget requests for the biennium of 1951-1953, there appeared representatives of the Warner Construction Company who made certain charges against the University in connection with the construction of the Women's Residence Hall (Lincoln Avenue Residence) and extensions of the utilities distribution system.¹ The Warner Construction Company has also made these charges in a letter to the members of the Board of Trustees, dated February 5, 1951.

Mr. John H. Armstrong, special counsel for the University in this matter, stated that the Warner Construction Company has not complied with the provisions of the contract for the construction of the Women's Residence Hall by submitting the required evidence of final payments to all subcontractors and has not submitted evidence to substantiate claims for additional payments, or for damages the Com-

¹ On December 28, 1948, the Executive Committee of the Board of Trustees authorized the President of the Board to appoint a special committee to consider the claims of the Warner Construction Company and to make recommendations to the Board. President John R. Forno appointed Mr. Kenney E. Williamson and President George D. Stoddard to serve on this special committee. By authority of the Board of Trustees, Mr. John H. Armstrong, Attorney, Champaign, was retained as special counsel for the University in this matter.

pany alleges were inflicted by the University during the course of the construction of the Women's Residence Hall and the extension of the utilities distribution system at Urbana. Comptroller Morey commented further and concurred in Mr. Armstrong's statement.

On motion of Mr. Livingston, the President of the University was requested to submit to the Board of Trustees for their information a factual report on this matter.

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(3) The Committee on Accountancy recommends that the following persons be awarded the certificate of Certified Public Accountant on the basis of having satisfactorily passed a written examination under Section 4b of the Accountancy Act of 1943, given by the Special Board of Examiners on November 15, 1950:

BERNARD BLUM

LEE ROY DEHLER

IRVING FISCHEL KRAMER

GEORGE C. MATTRAN

DANIEL M. SIMON

TIMOTHY JOSEPH SULLIVAN

I concur.

On motion of Mrs. Watkins, these certificates were awarded as recommended.¹

APPOINTMENT OF CHAIRMAN OF DEPARTMENT OF PHILOSOPHY

(4) The Dean of the College of Liberal Arts and Sciences reports that the professorial members of the Department of Philosophy, now organized with a head, have unanimously voted to recommend a change in the organization of the Department to one with a chairman. The Dean recommends this change be made. The University Statutes provide for such changes in department organization.

Professor M. T. McClure, now Head of the Department of Philosophy, will retire from active service on September 1, 1951. To replace him, the Dean of the College recommends the appointment of Professor Dilman W. Gotshalk as Chairman of the Department for two years from September 1, 1951, at a salary of \$9,000. Professor Gotshalk is the unanimous choice of the other members of the Department of professorial rank.

I concur.

On motion of Mr. McLaughlin, the change in departmental organization was approved and this appointment was made as recommended.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE FOR PROFESSOR THOMAS E. BENNER

(5) On November 24, 1950, the Board of Trustees granted Professor Thomas E. Benner of the College of Education a sabbatical leave of absence on one-half salary during the second semester of 1950-1951 to be used as an adjunct to a foreign mission he had been asked to undertake by the Department of State. The original plan was that he serve as the United States member of a team to be sent to Korea by the United Nations. Later, it was suggested that his services would be useful on a mission to Ecuador, to which he agreed. He is well qualified, professionally and by experience, to serve on either mission.

Plans for utilization of his services have not materialized, and he has withdrawn his request for leave.

I therefore recommend that his leave of absence be cancelled without prejudice to any future application.

On motion of Mr. Livingston, this leave was cancelled as recommended.

REQUIREMENTS FOR A MAJOR IN RHETORIC AND COMPOSITION

(6) The University Senate recommends adoption of the following program of major and minor requirements for a major in rhetoric and composition in the

¹ Issuance of certificates withheld in view of decision of Circuit Court of Cook County holding Section 4b of the Accountancy Act unconstitutional (see Minutes of April 19, 1951).

College of Liberal Arts and Sciences, leading to the degree of Bachelor of Arts:

Major. Twenty hours in English excluding Rhetoric 100, 101, 102, 151, 200, 242, 271, 272, English 101, 102, 103, 121, 122, 291, and including ten hours of English or American literature, at least six of which must be chosen from advanced groups, and ten hours of Composition chosen from Rhetoric 133, 144, 205, 206, 227, 230, 255, 256, and including at least one course in expository writing. With the permission of the adviser one of the following courses may be counted toward a Composition major: Speech 263, 363, Journalism 226, 227, 229.

Minor. Twenty hours in (a) Latin, Greek, French, German, Spanish, Italian, or Portuguese, or (b) in any two of those languages, or (c) in one of those languages and philosophy, or (d) in one of those languages and history, or (e) in history and philosophy, or (f) in any one of these subjects and psychology. No language courses may be regarded as satisfying the minor requirements if they are excluded from the majors of the language department, with the exception of elementary courses in Greek and Latin, French 103, 104, Italian 103, 104, and Spanish 103, 107. At least eight hours must be taken in each subject if two are chosen.

I concur.

On motion of Mrs. Watkins, this recommendation was adopted.

REQUIREMENTS FOR A MAJOR IN HISTORY OF ART IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES

(7) The University Senate recommends adoption of the following program of major and minor requirements for a major in history of art in the College of Liberal Arts and Sciences, leading to the degree of Bachelor of Arts:

Major. Twenty hours in art, excluding Art 185 and 186. The major must include Art 111, 112, 188, and 189, and at least ten hours chosen from Art 311, 312, 313, 314, 315, 316, 317, 318.

Minor. Twenty hours in any one or two of the following subjects: English, Greek, history, Latin, philosophy, psychology, sociology and anthropology, and speech. At least eight hours must be taken in each subject if two are chosen. The minor may also be taken in the curriculum in medieval civilization or the curriculum in Latin-American studies.

I concur.

On motion of Mrs. Watkins, this recommendation was adopted.

CURRICULUM IN HISTORY OF ART IN THE COLLEGE OF FINE AND APPLIED ARTS

(8) The University Senate recommends adoption of the following curriculum in history of art in the College of Fine and Applied Arts, leading to the degree of Bachelor of Fine Arts. This is the fifth curriculum or option to be offered in art; the others previously approved are in painting, industrial design, advertising design, and art education.

The general requirements for admission to, and graduation from, the curriculum in history of art are the same as for the other options. All have a common freshman program. This curriculum requires 130 hours of credit for graduation. Following is the proposed curriculum in detail.

First Year			
First Semester		Second Semester	
	Hours		Hours
Art 121—Art Form.....	5	Art 122—Art Form.....	5
Arch. 171—Elements of Drawing....	3	Arch. 172—Elements of Drawing....	3
Rhet. 101—Rhetoric and Composition.....	3	Rhet. 102—Rhetoric and Composition.....	3
Language.....	4	Language.....	4
Physical Education.....	1	Physical Education.....	1
Military (for men).....	1	Military (for men).....	1
		Hygiene.....	2
Total.....	16 to 17	Total.....	18 to 19

Second Year

First Semester	Hours	Second Semester	Hours
Art 111—Ancient and Medieval Art	3	Art 112—Renaissance and Modern Art	3
Art Elective (studio) ¹	2	Art Elective (studio)	2
Hist. 111—Europe to 1815	4	Hist. 112—Europe from 1815	4
Speech 101—Effective Speaking	3	Electives	3
Language	4	Language	4
Physical Education	1	Physical Education	1
Military (for men)	1	Military (for men)	1
Total	17 to 18	Total	17 to 18

Third Year

Art History (advanced) ²	3	Art History (advanced)	3
Art Elective (studio)	2	Art Elective (studio)	2
Humanities 211—American Culture	4	Humanities 212—American Culture	4
History or English ³	3	History or English	3
Electives ⁴	3	Phil. 101—Introduction to Philosophy	3
Total	15	Total	15

Fourth Year

Art History (advanced)	6	Art History (advanced)	6
Phil. 323—Philosophy of Art	3	Electives	6 to 8
Electives	3 to 5	Art Elective (studio)	2
Art Elective (studio)	2		
Total	14 to 16	Total	14 to 16

Option in History of Art

	Men	Women
Art History and Humanities	32	32
Art (studio courses)	28	28
Electives	15	19
Foreign Language	16	16
History	8	8
Rhetoric	6	6
History or English	6	6
Physical Education	4	4
Military	4	..
Speech	3	3
Philosophy	6	6
Hygiene	2	2
Total	130	130

I concur.

On motion of Mr. McLaughlin, this curriculum was approved as recommended.

PRENURSING CURRICULUM

(9) To qualify for a degree of Bachelor of Science in Nursing, a student must complete a two-year program at Urbana or at the Chicago Undergraduate Division or at any accredited college, followed by from thirty to thirty-six months of professional

¹ Studio courses advised are as follows: Art 125, 126, 131, 132, 141, 142.

² Advanced Art History courses are as follows: Art 311, 312, 313, 314, 315, 316, 317, and 318.

³ History or English requirements to be chosen from the following: History 181, 182, 301, 302, 304, 313, 314, 375, 376; Division of General Studies 121, 122; English 101, 102, 103, 122, 131, 201, 313.

⁴ Suggested electives: Additional studio art courses; Classics 101, 103, 106, 110; Latin 162; Division of General Studies 161, 162, 171; Education 200, 300; Library Science 301; Music 110, 114, 117, 122, 123; Philosophy 101, 102.

training in one of the hospitals in the affiliation program for hospital schools of nursing. These hospitals are Cook County, Michael Reese, Presbyterian, and St. Luke's. The professional program in nursing is administered by the Chicago Professional Colleges.

The University Senate recommends adoption of a two-year prenursing curriculum to be administered by the College of Liberal Arts and Sciences. It is proposed that the admission requirements be the same as those for admission to the general curriculum in liberal arts and sciences plus one unit of algebra and one unit of plane geometry. Admission will be restricted to students from sixteen to twenty-eight years of age, provided that students between twenty-eight and thirty-three years of age may enter subject to approval of a Nursing Advisory Committee.

It is proposed that a minimum of sixty semester hours be required in the pre-nursing curriculum to include the following courses:

	Credit Hours
Rhetoric and Composition	6
Social Sciences (including the equivalent of a course in sociology and a course in psychology)	12
Humanities	6
Chemistry (one year of general and one semester of organic chemistry)	10
Biological Sciences (including a course in bacteriology)	8
Physics (a course specially designed for nurses or a year of college physics; special course not offered at Urbana)	4
Electives (one year of foreign language recommended)	14
Physical Education (four semesters) . . . . .	..
Total	60

If the student changes from prenursing to some other curriculum, then Hygiene, which is not required in the nursing program, will be required for the degree.

I concur.

On motion of Mr. Herrick, this curriculum was approved as recommended.

REQUIREMENTS FOR ADMISSION TO CURRICULUM PREPARATORY TO TEACHING IN ELEMENTARY SCHOOLS

(10) The University Senate recommends adoption of the following requirements for admission to the curriculum preparatory to teaching in elementary schools in the College of Education:

1. For admission as freshmen, the entrance requirements for general admission to the University will apply.

2. In general, admission of transfer students, either from other institutions or from other colleges of the University of Illinois, will be limited to students having a grade-point average of 3.5 or higher, in terms of the University of Illinois grading system, provided that admission of transfer students whose scholastic average is below 3.5 will be considered on petition in individual cases.

3. Petitions for admission will be considered by a committee which will make recommendations to the Dean of the College of Education.

I concur.

On motion of Mr. Livingston, these recommendations were approved.

REQUIREMENTS FOR GRADUATION WITH HONORS IN THE COLLEGE OF EDUCATION

(11) The University Senate recommends adoption of the following requirements for graduation with honors from the College of Education:

1. To be eligible a student must have earned in residence the final sixty-four semester hours of credit.

2. A student who achieves a specific scholastic average in all work presented for graduation and in all courses in education may be recommended for honors as follows: a scholastic average of not less than 4.25 — graduation with honors; a scholastic average of not less than 4.50 — graduation with high honors; a scholastic average of not less than 4.75 — graduation with highest honors.

The honors conferred will be noted upon the diploma and in the commencement program.

It is proposed that these conditions be used for the first time as a basis for determining graduation with honors at the February, 1952, commencement.

I concur.

On motion of Mrs. Watkins, these recommendations were approved.

INCREASE IN NONRESIDENT TUITION FEE

(12) Tuition fees at the University of Illinois are low compared with fees charged in other state universities. The resident tuition fee at Illinois is in the lower one-third of the fees in the state universities in the Middle West and the nonresident fee at Illinois is the lowest of this group.

Other state-supported institutions of higher education in Illinois have even lower tuition rates. It is not advisable to increase the resident tuition fee at the University of Illinois unless a comparable increase is made in the resident tuition fee of other state colleges and universities in Illinois. However, an adjustment in the nonresident tuition fee at the University of Illinois is in order.

I recommend that, effective September 1, 1951, the nonresident tuition fee be increased from the present \$80 per semester to \$150 per semester, to which would be added the present laboratory, library, and supply fee of \$8 per semester, making a total of \$158 per semester, or \$316 per academic year of two semesters, for educational fees. All students are also required to pay an Illini Union Building service charge and a hospital service fee of \$5 per semester. Comparable adjustments will be made in tuition fees for students in the Chicago Professional Colleges which operate on three twelve-week terms per academic year.

This new schedule would be approximately at the median of the present nonresident tuition fees charged by state universities in the Middle West.

On motion of Mr. Hickman, the increase in nonresident tuition fees was approved as recommended.

SALE OF PROPERTY AT 805 WEST PENNSYLVANIA AVENUE, URBANA

(13) In August, 1947 (Minutes, page 514), the University purchased the property at 805 West Pennsylvania Avenue, Urbana, for use as a temporary research laboratory by the College of Veterinary Medicine. The recommendation to the Board for the purchase of this property included a statement that when a new veterinary building has been provided, the house at 805 West Pennsylvania Avenue can be used for student housing. It is a three-story and basement building, solid masonry (brick with limestone facing) exterior walls, on a lot 120 feet wide and 140 feet deep. It was formerly occupied by a sorority and can accommodate about forty students. The College of Veterinary Medicine can give up this house when its new building, now under construction, is completed. While this may be by September, 1951, there is a possibility that the complete removal of activities to the new building can not be accomplished until later.

The Sigma Alpha Mu fraternity, which has had a chapter at the University of Illinois since 1918, is interested in buying the property at 805 West Pennsylvania Avenue. This organization formerly occupied a modern fraternity house, which it constructed on two lots at 1006-8 South Fifth Street, Champaign, until April, 1948, when the house was practically destroyed by fire. Since then, the fraternity has made continuous, but unsuccessful, efforts to finance reconstruction. The property owned by the fraternity has a frontage of 110 feet on Fifth Street and is 198 feet deep. It is near other University property. It would be advantageous for the University to own this property.

Alumni officers of the Sigma Alpha Mu fraternity representing the corporation which holds title to this property on Fifth Street, have offered the University \$80,000, the present appraised value, for the property at 805 West Pennsylvania Avenue on these terms and conditions: The fraternity will convey to the University its property at 1006-8 South Fifth Street, Champaign, at its appraised value of \$25,000; the balance of \$55,000 will be paid in cash at the time possession of the property at 805 West Pennsylvania Avenue is given; equipment installed

by the University in that house will be removed by and will remain the property of the University; the fraternity will clear the Fifth Street site of the ruins of its house.

The proposed sale of the University's property at 805 West Pennsylvania Avenue to Sigma Alpha Mu fraternity is recommended by the Dean of Students, the Director of Housing, the Director of the Physical Plant, and the Comptroller, subject to completion of a mutually satisfactory contract covering the equitable interests of both parties as to insurance, taxes, down payment, and other considerations. The sale will accomplish the intent of the University to reconvert the property to student housing.

The conditions requested by the Dean of the College of Veterinary Medicine as to possession and removal of University equipment will be met.

I recommend that the property at 805 West Pennsylvania Avenue be sold under the terms and conditions specified and that the Comptroller and the Secretary of the Board be authorized to execute the necessary papers upon approval by all officials concerned.

On motion of Mrs. Watkins, the sale of this property on the terms recommended was authorized by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Fornof, Mrs. Holt, Doctor Meyer, Mr. Nickell, Mr. Stevenson.

PURCHASE OF PROPERTY AT 501 SOUTH WRIGHT STREET, CHAMPAIGN

(14) The property at 501 South Wright Street, Champaign, has been offered for sale to the University for \$20,000, the appraised value, subject to immediate acceptance.

This property at the southwest corner of Springfield Avenue and Wright Street is a lot 99 feet by 66 feet and has on it a two-story and basement, eight-room frame residence with asphalt shingle roof. The building is used as a student rooming house. It is immediately east of the new State Water Survey Building and will eventually be needed for future expansion of the campus in that area.

This property is strategically located for commercial use and if so developed it would cost much more to acquire later.

The Director of the Physical Plant, the Comptroller, and the Chairman of the University Building Program Committee recommend acquisition of this property.

I concur and request that an appropriation of \$20,000 be made from the General Reserve for this purpose.

On motion of Mr. Livingston, the purchase of this property was authorized and an appropriation of \$20,000 was made, as recommended, by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Fornof, Mrs. Holt, Doctor Meyer, Mr. Nickell, Mr. Stevenson.

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

(15) The Governor has approved the following releases of funds from appropriations made to the University of Illinois for 1949-1951 for buildings and other capital improvements:

Release No. 57

"For Permanent Improvements at Urbana-Champaign — Construction of extensions to the Utility Distribution Systems".....\$60 000

This is a partial release from an appropriation of \$375,000. The Governor has previously released (Releases Nos. 12, 37, 39, 41, and 52) \$287,650 from this appropriation. The funds now released are for the modernization of the transformer vaults in Talbot Laboratory and Altgeld and Harker Halls.

Release No. 58

"For Permanent Improvements at Urbana-Champaign — Additions to Power and Heating Plant and Remodeling of Existing Buildings".....\$25 000

This is a partial release from an appropriation of \$1,215,000. The Governor has previously released (Releases Nos. 6, 13, 14, 16, 23, 24, 30, 36, 42, and 53) \$1,169,922 from this appropriation. The funds now released are for the construction of a Diesel Engine House, as a part of the addition to the Power and Heating Plant.

I recommend that these funds be appropriated by the Board for the purposes indicated.

On motion of Mr. McLaughlin, these funds were appropriated, as recommended, by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Fornof, Mrs. Holt, Doctor Meyer, Mr. Nickell, Mr. Stevenson.

**CONTRACT FOR ARCHITECTURAL SERVICES ON EXPANSION
OF MEN'S RESIDENCE HALLS**

(16) On September 29, 1950 (Minutes, page 367), the Board of Trustees approved in principle the first phase of the expansion of the Men's Residence Halls and awarded a contract for the preparation of plans and specifications for a residence hall including barracks type housing for 240 students. Further studies indicate that the capacity of this building can be increased to 288 without increasing the total estimated cost. This will not include food service facilities.

Preliminary studies of the second phase for the expansion of Men's Residence Halls indicate that a desirable program will include (a) construction of a new unit to provide food service facilities for 1,000 men and housing for 96 men in single and double rooms, (b) converting the existing food service area in the present Men's Residence Halls, which now house 496 men students, to provide barracks type housing for an additional 76 men, and (c) some modernization of Busey and Evans Halls for women.

Present estimates of construction costs and of the amount which can be borrowed and liquidated from income indicate that this enlarged program can be carried out without a capital subsidy. This contemplates refinancing the present Men's Residence Hall loan and the pledging of the net income (now unencumbered) from Busey and Evans Halls.

To complete the studies of this second phase, the Director of the Physical Plant and the Comptroller recommend an addition to the contract with Skidmore, Owings, and Merrill, Architects, Chicago, which now covers only the first phase, to include architectural services for the enlarged project at a fee of 6 per cent of the construction cost for complete architectural services, 75 per cent of which will be due on completion of the working drawings and specifications, and the full amount to be payable only if the construction and remodeling are completed.

I concur and recommend further:

1. That the second phase of the expansion of Men's Residence Halls facilities be approved in principle subject to final approval after plans have been completed and bids received, and to further action on financing.

2. That the Comptroller and the Secretary of the Board be authorized to execute a contract with Skidmore, Owings, and Merrill as recommended above.

3. That an appropriation of \$42,000 be made from the General Reserve to finance the completion of the plans to the point of taking bids, this appropriation to provide for payment of 75 per cent of the architects' fee and such costs as will be incurred by the Physical Plant Department.

On motion of Mrs. Watkins, authority was given, as recommended, and an appropriation of \$42,000 was made for this addition to the contract by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Fornof, Mrs. Holt, Doctor Meyer, Mr. Nickell, Mr. Stevenson.

TRANSFER OF LAND TO MEDICAL CENTER STEAM COMPANY

(17) On July 28, 1949 (Minutes, page 493), the Board of Trustees authorized the transfer of certain properties to the Medical Center Steam Company, including some parcels of property acquired from the Medical Center Commission for \$1,000 (Minutes, November 29, 1949, page 948).

A portion of the Chicago Transit Authority right-of-way has been condemned and an alley adjoining property deeded to the Steam Company has been vacated. The Medical Center Commission proposes to transfer these parcels to the University as a part of the \$1,000 purchase and authority is required for the transfer of the property from the University to the Medical Center Steam Company.

I recommend the adoption of the following resolution.

Authorizing Conveyance of Certain Real Estate to Medical Center Steam Company

Resolved, That the Board of Trustees of the University of Illinois, in furtherance of the purposes of the steam contract dated as of July 1, 1949, between Medical Center Steam Company and this Board, hereby authorizes, empowers, and directs the Comptroller and the Secretary of this Board, in the name of and on behalf of this Board, to execute and deliver to Medical Center Steam Company, an Illinois Corporation, a warranty deed conveying to such Medical Center Steam Company the following described real estate, to wit:

The West Twenty-six and seventy-five hundredths (26.75) feet of Lots One (1) to Ten (10), both inclusive, and the West Twenty-seven (27) feet of Lots Eleven (11) to Sixteen (16), both inclusive, all in Block Two (2) in Commissioners' Subdivision of Blocks Fourteen (14), Fifteen (15), Sixteen (16) and Twenty-one (21) in Assessor's Division of the East Half ($E\frac{1}{2}$) of the Southeast Quarter ($SE\frac{1}{4}$) of Section Eighteen (18), Township Thirty-nine (39) North, Range Fourteen (14) East of the Third Principal Meridian, *also*

The West Twenty-seven (27) feet of Lots One (1), Two (2) and Three (3) in Block Twenty (20) in S. H. Sweet's Resubdivision of Blocks Eighteen (18), Nineteen (19) and Twenty (20) in Assessor's Division, aforesaid, *also*

The East Half ($E\frac{1}{2}$) of the North and South vacated alley lying west of and adjoining the above described property, *also*

Lot Twenty (20) in Block Two (2) in Commissioners' Subdivision, aforesaid; together with the West Half ($W\frac{1}{2}$) of the North and South vacated alley lying East of and adjoining said Lot Twenty (20);

Situated in the City of Chicago, County of Cook and State of Illinois; and

Resolved further, That the Board of Trustees of the University of Illinois hereby authorizes, empowers, and directs the Comptroller and the Secretary of this Board, in the name of and on behalf of this Board, to execute and deliver to said Medical Center Steam Company, a quitclaim deed conveying the following described real estate, to wit:

All of the North and South vacated alley lying West of and adjoining Lots One (1) to Sixteen (16), both inclusive, in Block Two (2) in Commissioners' Subdivision of Blocks Fourteen (14), Fifteen (15), Sixteen (16) and Twenty-one (21) in Assessor's Division of the East Half ($E\frac{1}{2}$) of the Southeast Quarter ($SE\frac{1}{4}$) of Section Eighteen (18), Township Thirty-nine (39) North, Range Fourteen (14) East of the Third Principal Meridian, West of and adjoining Lots One (1), Two (2) and Three (3) in Block Twenty (20) in S. H. Sweet's Resubdivision of Blocks Eighteen (18), Nineteen (19) and Twenty (20) in Assessor's Division, aforesaid, East of and adjoining Lot Six (6) in the Subdivision of Lots Twenty-nine (29), Thirty (30), Thirty-one (31) and Thirty-two (32) in Block Two (2) in Commissioners' Subdivision, aforesaid, East of and adjoining Lots Seventeen (17) to Twenty-eight (28), both inclusive, in Block Two (2) in Commissioners' Subdivision, aforesaid, and East of and adjoining Lots Twenty-nine (29), Thirty (30) and Thirty-one (31) in Block Twenty (20) in S. H. Sweet's Resubdivision, aforesaid;

Situated in the City of Chicago, County of Cook and State of Illinois.

On motion of Mr. Livingston, this resolution was adopted by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Fornof, Mrs. Holt, Doctor Meyer, Mr. Nickell, Mr. Stevenson.

**CONTRACT FOR UNDERGROUND SEWER ALTERATIONS AT
DENTISTRY, MEDICINE, AND PHARMACY BUILDING**

(18) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$4,977 to George D. Hardin, Chicago, the lowest bidder, for the installation of sewage ejectors for the Research Laboratory and Library Unit of the Dentistry, Medicine, and Pharmacy Building.

The installation of new ejectors is necessary to relieve the overloaded condition of the sewage ejectors in the present general hospital building. At present, sewage from the Research Laboratory and Library Unit empties into the ejectors for the general hospital.

Funds are available in the Physical Plant Department budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. McLaughlin, this contract was authorized as recommended.

**CONTRACT FOR WATER SUPPLY FACILITIES AT DENTISTRY,
MEDICINE, AND PHARMACY BUILDING**

(19) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$15,975 to Fettes, Love, and Sieben, Chicago, the lowest bidder, for installation of new water pumps, a pressure tank, piping changes, and a new supply line from the water mains to the first unit of the Dentistry, Medicine, and Pharmacy Building.

The pumps in the second unit of this building now service all units and are so overloaded that at times it is impossible to maintain adequate water pressure in the upper floors.

Funds are available in the Physical Plant Department budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Herrick, this contract was authorized as recommended.

**CONTRACT FOR INSTALLATION OF FIRE ESCAPE ON BUILDING
AT 1716 WEST TAYLOR STREET, CHICAGO**

(20) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$2,200 to the Parnell Iron Works, Inc., Chicago, the lowest bidder, for the installation of a metal fire escape on the building at 1716 West Taylor Street, Chicago, to replace the present wooden one which has deteriorated and is unsafe. The building has been remodeled to provide offices for the Physical Plant Department and quarters for the Physical Plant Paint Shop.

Funds are available in the state appropriation for "Construction of Utility Distribution System and remodeling of existing buildings," in Chicago.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract, subject to the release of funds by the Governor.

On motion of Mrs. Watkins, this contract was authorized as recommended.

**CHANGE IN CONTRACT FOR REMODELING IN
NATURAL HISTORY BUILDING**

(21) The Director of the Physical Plant and the Comptroller recommend an increase of \$1,520 in a contract with C. A. Petry and Sons, Champaign, for remodeling in the Natural History Building, this change being necessary to pro-

vide for extension of electrical service and the general construction for relocating an X-ray machine. The only X-ray machine in the Department of Physiology was formerly in room 412a Natural History Building which has been eliminated by construction of new fireproof stairs.

Funds are available.

I concur and recommend that the Comptroller be authorized to execute the contract change.

On motion of Mr. Hickman, this contract was authorized as recommended.

REMODELING IN NOYES LABORATORY OF CHEMISTRY

(22) Two years ago the Board of Trustees approved a program of safety improvements to eliminate fire hazards in the Noyes Laboratory of Chemistry and appropriated funds for the necessary remodeling and installations, the major job being construction of new fireproof stairways at the northwest and southwest corners of the building. The next stage of this phase of the program is removal of the center wooden stairs and closing the stairwell openings on each floor. This work was not included in the contract for the construction of the new stairways.

The Director of the Physical Plant and the Comptroller recommend that the removal of the center stairs and the covering of the floor openings be done by E. N. DeAtley, Champaign, the general contractor for the fireproof stairways, under a standing contract awarded him on September 29, 1950, for remodeling work on a cost-plus basis. The estimated cost of this work is \$5,098.

I concur.

On motion of Mr. Livingston, this recommendation was adopted.

CONTRACT FOR ELECTRICAL EQUIPMENT IN ABBOTT POWER PLANT

(23) On October 26, 1950 (Minutes, page 436), the Board of Trustees approved a contract for a new Diesel engine-driven generator in the Abbott Power Plant. The Director of the Physical Plant and the Comptroller now recommend the award of a contract for \$43,752 to the A. S. Schulman Electric Company, Chicago, the lowest bidder, for the electrical equipment needed as a part of this installation to provide an independent power source.

Funds are available in the state appropriation for "Additions to Power and Heating Plant and remodeling of existing buildings."

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute this contract, subject to the release of funds by the Governor.

On motion of Mr. Livingston, authority was given as recommended.

CONTRACTS FOR CONSTRUCTION OF DAIRY BARN

(24) The state appropriations to the University for buildings and other capital improvements for 1949-1951 include \$290,000 for "Construction of agricultural structures and remodeling present agricultural buildings." The Board of Trustees has allocated \$75,000 of these funds for buildings for the Department of Dairy Science and the funds have been released by the Governor. The University Architect, the Comptroller, the Dean of the College of Agriculture, and the Head of the Department of Dairy Science recommend that contracts for the construction of bull and calf barns in the South Lincoln Avenue area and of a small calf barn in the "Round Barns" area be awarded as follows:

	<i>Lincoln Avenue Calf and Bull Barn</i>	<i>Round Barns Area Calf Barn</i>
O. L. Shoemaker, Champaign—general work	\$49 912 22	\$7 897 57
J. L. Robinson, Champaign—plumbing work	7 698 00	576 00
J. M. Bean Electric and Hardware, Urbana— electrical work	4 165 00	580 00
	<u>\$61 775 22</u>	<u>\$9 053 57</u>

These are the lowest bidders. The total costs of these two projects, including insurance, architectural and engineering costs, and contingencies are \$71,000 and \$10,500 respectively.

The cost of the calf and bull barns on South Lincoln Avenue is within the allocation of funds made by the Board of Trustees, but there are two more projects in this group of agricultural structures (improved milk handling facilities and the construction of a goat barn). Funds for these are available in the "Contingencies" item of the state appropriations, subject to the release by the Governor.

Construction of a small calf barn at the so-called "Round Barns" area is necessary to meet commitments under a regional dairy cattle research project undertaken in cooperation with the United States Department of Agriculture and the agricultural experiment stations of the North Central area. To provide part of the funds for this barn, the Head of the Department of Dairy Science and the Dean of the College of Agriculture recommend the appropriation of an unassigned balance of \$5,500 from Unappropriated Agricultural Income of the Department. The balance of \$5,000 is available from the gifts and grants contributed for the regional research project.

I concur in all these recommendations.

On motion of Mr. McLaughlin, these contracts were authorized and an appropriation of \$5,500 from the income of the Department of Dairy Science was made, as recommended, by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Fornof, Mrs. Holt, Doctor Meyer, Mr. Nickell, Mr. Stevenson.

CONTRACT FOR ASPHALT TILE FLOORS IN CHEMISTRY ANNEX AND UNIVERSITY HIGH SCHOOL GYMNASIUM

(25) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$2,870 to Coleman Floor Company, Chicago, the lowest bidder, for replacing asphalt tile floors in the Chemistry Annex and the University High School Gymnasium.

This is a maintenance project for which funds are budgeted.

I concur and recommend approval.

On motion of Mrs. Watkins, this recommendation was approved.

CONTRACT FOR REROOFING OF ADMINISTRATION BUILDING (EAST) AND GEORGE HUFF GYMNASIUM

(26) The Director of the Physical Plant and the Comptroller recommend award of the following contracts for roof replacements for which funds were previously appropriated by the Board:

Huff Gymnasium — Henry Reuter & Sons, Kankakee.....\$20 017
Administration Building (East) — Henry Reuter & Sons, Kankakee..... 9 563

These contracts will result in a total cost less than the original estimate, and it is proposed to lapse \$19,000 from the appropriation.

I concur and recommend approval.

On motion of Mr. Hickman, this recommendation was approved.

ADDITION TO GENERAL CONTRACT FOR CONSTRUCTION OF ANIMAL SCIENCES LABORATORY

(27) The Department of Dairy Science has requested certain rearrangements of rooms on the fourth floor of the west wing of the Animal Sciences Laboratory which will require additional construction. The principal cost will be for cork insulation, for glazed and greaseproof tile (with credit for omission of asphalt tile and acoustic ceiling), and for hollow metal doors.

Sumner S. Sollitt Construction Company estimates this will cost \$2,389.59, which has been checked and approved by Naess and Murphy, architects for the building, and by the Physical Plant Department.

The Director of the Physical Plant and the Comptroller recommend an increase of \$2,389.59 in the general contract for this purpose. Funds are available.

I concur and request that the Comptroller be authorized to execute the necessary change order.

On motion of Mr. McLaughlin, authority was given as recommended.

CHANGES IN CONTRACTS AND ADDITIONAL APPROPRIATION FOR REMODELING OF PHYSICAL PLANT SERVICE BUILDING

(28) The Board of Trustees has authorized the remodeling of the Physical Plant Service Building (the boiler house section of the old power plant) to convert this space into quarters for research use. Funds were appropriated and contracts for remodeling have been awarded.

The remodeling contracts do not include completion of the fourth floor, this having been eliminated in order to reduce the cost of the project. It is now clear that the entire fourth floor area is needed so that the University can develop certain research projects in connection with the electronic digital computer, the program in physics of the solid state under the direction of Professor Frederick Seitz, and new government contracts. Space is also needed for the development of a control systems laboratory which may be one of the major contributions of the University to national security.

Completion of the fourth floor will add approximately 3,500 square feet of space. The estimated cost of the additional construction, including installation of essential utilities, is \$40,000.

I recommend that the Board authorize changes in present contracts to provide for this additional work and that an appropriation of \$40,000 be made for this purpose.

On motion of Mr. Livingston, changes in contracts for this remodeling were authorized and an appropriation of \$40,000 was made from the General Reserve Fund, as recommended, by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Fornof, Mrs. Holt, Doctor Meyer, Mr. Nickell, Mr. Stevenson.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(29) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

1. Remodeling and equipment, College of Agriculture.....	\$50 000
2. Modernization of switchboard in Room 211, Department of Ceramic Engineering	2 300
3. Installation of coat hooks, screens, partitions, and pin-up boards, Department of Art.....	2 600
4. Machine tools for shop, Division of Biological Sciences, College of Liberal Arts and Sciences.....	10 000
5. Equipment for photo-clerical project and moving audio-visual aids laboratory, University Library.....	5 470
6. Purchase and repair of instruments, University Bands, College of Fine and Applied Arts.....	8 500
7. Equipment for central stenographic service, Chicago Undergraduate Division	2 675
Total	\$81 545

I recommend that appropriations for these purposes be made from the General Reserve Fund.

On motion of Mr. Hickman, these appropriations were made, as recommended, by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Fornof, Mrs. Holt, Doctor Meyer, Mr. Nickell, Mr. Stevenson.

APPOINTMENTS TO THE FACULTY

(30) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. GEORGE HENRY AGATE, Assistant Professor of Hygiene and Medical Adviser

for Men, Health Service, and Pediatric Research Consultant, College of Education, beginning January 1, 1951, at an annual salary of \$8,000 (DY).

2. HERBERT C. BATSON, Professor of Biostatistics in the Department of Public Health, College of Medicine, beginning May 1, 1951, at an annual salary of \$10,000 (AY).

3. JACKSON JUSTICE CAMPBELL, Assistant Professor of English, beginning September 1, 1951, at an annual salary of \$4,300 (B).

4. JAMES VANALLEN EDSALL, Assistant Professor, Bureau of Community Planning, beginning February 1, 1951, at an annual salary of \$4,900 (DY).

5. IRENE ELNORE HARMS, Research Assistant Professor of Education, Graduate College, beginning February 1, 1951, at an annual salary of \$4,900 (GY, 8 months).

6. DONALD A. WALLACE, Associate Professor of Applied Materia Medica and Therapeutics, College of Dentistry, and Consultant to the University of Illinois Foundation, beginning January 1, 1951, at an annual salary of \$11,000 (BY) (1951-1952, \$12,000).

On motion of Mrs. Watkins, these appointments were confirmed.

REPORT OF GIFTS AND GRANTS RECEIVED BY THE UNIVERSITY

(31) The following gifts and grants of funds received by the University have been accepted by the President in accordance with the statutory procedure and are now being reported for official record.

For the Colleges and Schools at Urbana-Champaign

A. Undergraduate Scholarships, Prizes, and Other Financial Aids

1. Mrs. Margaret Anderson, Joliet, Illinois, \$1,200 to be added to the William Anderson Memorial Scholarship in Music in memory of her late husband. (The amount received to date is \$11,800.)

2. Lou Boudreau Trust Fund (a trust set up in the National Bank of Harvey, Illinois, by citizens of that community), \$232 for the Lou Boudreau Scholarship awarded to two male graduates of Thornton Township High School attending the University.

3. Brook Hill Farms, Inc., Chicago, \$100 for the continuation of the Brook Hill Farms Scholarship in dairy technology.

4. Campus Chest, University students' fund-raising organization, \$1,764.75 for scholarships.

5. Chicago Farmers, Chicago, \$500 for a scholarship in the College of Agriculture.

6. Class of 1950, \$1,000 for scholarships.

7. Haeger Potteries, Dundee, Illinois, \$80 for scholarships in ceramic engineering.

8. Elizabeth Hamilton Scholarships, through the University of Illinois Illini Achievement Fund, \$2,000 for the continuation of two \$500 scholarships, one in music and the other in medicine, during the years 1949-1950 and 1950-1951.

9. Illinois Association for the Crippled, Inc., \$300 for a scholarship in occupational therapy.

10. Illinois Congress of Parents and Teachers, \$600 for scholarships for the academic year 1950-1951.

11. Illinois Federation of Women's Clubs, \$1,200 to be added to the Occupational Therapy Scholarship Fund. (The amount received to date is \$16,700.)

12. Illinois Mining Institute:

a. Alfred E. Pickard Coal Company, \$200 for a scholarship in mining engineering.

b. Peabody Coal Company, \$1,200 for six scholarships (\$200 each) in mining engineering.

c. \$400 for a scholarship in mining engineering.

13. Kroger Company, Cincinnati, Ohio, \$1,200 for scholarships for students in agriculture and home economics in the amount of \$200 each.

14. James F. Lincoln Arc Welding Foundation, \$1,000 for four scholarships (\$250 each) in the College of Agriculture to students majoring in agricultural engineering.

15. John Morse Memorial Foundation, Chicago, \$3,000 for six scholarships (\$500 each) in mechanical and electrical engineering.
16. Old Ben Coal Company, \$1,100 for scholarships in mining engineering.
17. Panhellenic Council, University student organization, \$170.85 for scholarships.
18. Mrs. Kittie B. Pierce, La Grange, Illinois, \$500 for the continuation of the Phyllis Pierce Ruettinger Scholarship in memory of her late daughter. (The amount received to date is \$5,100.)
19. Ruhm Phosphate and Chemical Company, Chicago, \$1,000 for the Dr. Cyril G. Hopkins Agricultural Scholarship to be awarded to the winner of the essay contest on *Soil Building in Soil Conservation* for 1950-1951.
20. Sears-Roebuck Foundation, Chicago:
 - a. \$2,876.50 for scholarships in the College of Agriculture.
 - b. \$800 for scholarships for freshman girls in home economics.
21. Sinai Temple Congregation of Champaign-Urbana, \$50 for a scholarship in the School of Music.
22. Skidmore, Owings, and Merrill, Chicago, \$1,000 for two scholarships in architecture to be awarded to seniors in the Department of Architecture.
23. University of Illinois Foundation, Illini Achievement Fund, \$9,496 for Illini War Memorial Scholarships.
24. The Borden Company, New York, N.Y., \$400 to Professor Gottfried S. Fraenkel, Department of Entomology, to cover expenses for the processing of a large quantity of whey for the isolation of vitamin B₁₂.
25. Champaign-Urbana Kiwanis Club and Alpha Gamma Delta Sorority in Champaign-Urbana, \$168.15 to add to funds to aid Dr. Severina E. Nelson, Professor of Speech and Director of the Speech Clinic, in her work with children suffering from cerebral palsy.
26. National Academy of Sciences, Washington, D.C., \$1,000 for expenses of printing and binding *Cleavage Fractures of Ship Plates* by Professor Emeritus Wilbur M. Wilson of the Engineering Experiment Station and his associates, Messrs. R. S. Hechtman and W. H. Bruckner.
27. The Payne Fund, New York, N.Y., \$1,750 for national awards by the Institute of Communications Research for distinguished radio writing and to secure participation of distinguished radio men in seminars at the time the prize scripts are presented.
28. United Spanish American War Veterans, Department of Illinois Auxiliary, \$50 for a prize to be awarded to the woman student who has the highest scholastic standing in her first year of work in home economics.
29. University Club of Decatur, \$20 to be added to the Woman's League Needy Students Fund.

Total, Undergraduate Scholarships, Prizes, and Other Financial Aids \$36,358.25

B. Funds for Graduate Fellowships, Scholarships, and Research

30. Allied Chemical and Dye Corporation, New York, N.Y., \$2,400 for the renewal of two fellowships in chemistry (\$1,200 each), for the academic year 1950-1951.
31. American Cyanamid Company, Bound Brook, New Jersey, \$3,000 for the renewal of a postdoctoral fellowship in chemistry for the academic year 1950-1951.
32. Cincinnati Chemical Works, Inc., Norwood, Ohio, \$2,000 for the renewal of a fellowship in chemistry for the academic years 1949-1950 and 1950-1951.
33. The Dow Chemical Company, Midland, Michigan, \$1,500 for a fellowship in chemistry, under the direction of Professor Edward W. Comings, for the academic year 1950-1951.
34. E. I. du Pont de Nemours and Company, Wilmington, Delaware:
 - a. \$8,400 for fellowships in chemistry and chemical engineering. (This report covers grants for a three-year period. The fellowship stipend is \$1,800 a year and \$1,000 a year is added for expenses of the research work done under the fellowship.)
 - b. \$4,500 for a postdoctoral fellowship in chemistry for 1950-1951 (\$3,000 for stipend and \$1,500 to cover expenses of research work).
 - c. Grant in support of fundamental research in chemistry during 1950-1951, \$10,000.

35. Eastman Kodak Company, Rochester, New York, \$1,200 for the renewal of a fellowship in chemistry for the academic year 1950-1951.
36. Ethyl Corporation, Detroit, Michigan, \$1,200 for the renewal of a fellowship in chemistry, under the supervision of Professor Harry G. Drickamer, for the academic year 1950-1951.
37. The Ernest A. Grunsfeld Fund, \$500 for a European traveling fellowship in architecture to be awarded to a student graduating during the current academic year 1950-1951. (The fund will be deposited with the University on May 1, 1951. While this grant is for the current year only, the Fund hopes to make annual grants of like amount in the future.)
38. Illinois Clay Products Company, Joliet, Illinois, \$2,000 (\$1,500 for the stipend and \$500 for miscellaneous expenses) for the renewal of a fellowship in clay mineralogy in the Department of Geology, under the supervision of Professor Ralph E. Grim, for the academic year 1950-1951.
39. Lakefield Nepheline Syenite, Columbus, Ohio, \$1,200 (\$1,000 for the stipend and \$200 for miscellaneous expenses) for a fellowship in ceramic engineering for the academic year 1950-1951.
40. Lauhoff Grain Company, Danville, Illinois, \$1,500 for a fellowship in Chemistry, under the direction of Professors George L. Clark and Duane T. Englis, for the academic year 1950-1951.
41. Eli Lilly and Company, Indianapolis, Indiana, \$1,000 for the renewal of a fellowship in chemistry, under the supervision of Professor Nelson J. Leonard, for the academic year 1950-1951.
42. Lindsay Light and Chemical Company, West Chicago, \$1,200 for the renewal of a fellowship in chemistry for the academic year 1951-1952.
43. National Lead Company, Baroid Sales Division, Houston, Texas, \$1,200 for the renewal of a fellowship in geology for the academic year 1950-1951.
44. Western Cartridge Company, a division of Olin Industries, Inc., East Alton, Illinois, \$1,800 for the renewal of a fellowship in chemistry for the academic year 1950-1951.
45. Edward Orton Jr. Ceramic Foundation, Columbus, Ohio, \$1,200 (\$1,000 for the stipend and \$200 for miscellaneous expenses) for the renewal of a fellowship in ceramic engineering for the academic year 1950-1951.
46. Pittsburgh Consolidation Coal Company, Library, Pennsylvania, \$2,250 for the renewal of a fellowship in chemical engineering for the academic year 1950-1951 (\$1,800 to be added to \$450 balance in previous grant for 1949-1950).
47. The Procter and Gamble Company, Cincinnati, Ohio, \$1,700 (\$1,200 for the stipend and \$500 for miscellaneous expenses) for a fellowship in chemistry for the academic year 1950-1951.
48. Shell Fellowship Committee, New York, N.Y., \$3,000 for the renewal of fellowships in chemical engineering (\$1,500) and geology (\$1,500) for the academic year 1950-1951.
49. Sinclair Refining Company, New York, N.Y., \$2,500 for a fellowship in chemistry for the academic year 1950-1951.
50. Standard Oil Company of California, San Francisco, \$1,250 for the renewal of a fellowship in chemistry for the academic year 1950-1951.
51. Henry Strong Educational Foundation, Chicago, \$600 for a fellowship in physics, chemistry, or engineering for the academic year 1950-1951.
52. Swift and Company, Chicago, \$2,000 for a fellowship in entomology from July 1, 1950, to June 30, 1951.
53. The Upjohn Company, Kalamazoo, Michigan, \$4,060 to be added to a fellowship in chemistry for investigation of enzymic aspects of adrenal cortex transformations, for the academic year 1950-1951.
54. Velsicol Corporation, Chicago, \$2,500 for the renewal of a fellowship in zoology for the academic year 1950-1951.
55. Victor Chemical Works, Chicago Heights, \$1,500 for the renewal of a fellowship in chemistry for the academic year 1950-1951.
56. The Visking Corporation, Chicago, \$2,000 (\$1,500 for the stipend and \$500 for miscellaneous expenses) for a fellowship in chemistry for one year beginning February, 1951.
57. Westinghouse Educational Foundation, Pittsburgh, Pennsylvania, \$2,000

for the renewal of a fellowship in electrical engineering for the academic years 1949-1950 and 1950-1951.

58. Mary E. Baker scholarship, supported by the University of Tennessee Library, \$300 for graduate study in the University of Illinois Library School.

59. American Cancer Society, Inc., New York City:

a. \$1,554.47 for research on the influence of carcinogenic agents on fat metabolism, by Professor Fred A. Kummerow, Department of Food Technology.

b. \$865 for research on induced limb regeneration and the control of abnormal growth in regenerating tissue, by Professor S. Meryl Rose, Department of Zoology.

60. American Gas Association, \$9,000 for warm air furnace research in the Engineering Experiment Station.

61. \$2,700 for research on bovine brucellosis immunization: M. J. Boyle and Company, \$500; Curtiss Candy Company, \$700; Mill Rose Farm, \$500; Midlane Farm, \$500; Quaker Oats Company, \$500.

62. John Brunner Memorial Endowment for Research and Advancement in Engineering Education, \$1,599.17 to supplement previous grants for research and advancement in engineering education in the College of Engineering. (The amount received to date is \$22,799.17.)

63. Illinois Coal Strippers Association, Chicago, \$500 to supplement funds previously received for a cooperative study of the potentialities of revegetating and utilizing agronomic species on the strip mined areas in Illinois, by the Department of Agronomy. (The amount of the contract was \$5,800.)

64. Illinois Grain Corporation, Chicago, \$2,250 to supplement previous grants for research and educational programs to improve the operating efficiency and the services of county grain dealers in Illinois.

65. Illinois Home Bureau Federation, \$2,000 for a research project on school equipment for instruction in home economics to be done cooperatively by the College of Education and the Departments of Home Economics and Agricultural Engineering.

66. Illinois Seed Producers Association, Inc., \$3,591.55 for corn research in the Department of Agronomy.

67. Eli Lilly and Company, Indianapolis, Indiana, \$4,000 for research on insulin in the Department of Chemistry.

68. Lumber Dealers Research Council, \$1,200 for time and material studies by the Small Homes Council.

69. Midwest Barley Improvement Association, \$100 for research on barley variety fertilizer tests at Woodstock, Illinois.

70. Mrs. C. Phillip Miller, Chicago, \$4,853.77 to be added to the Sinnissippi Forest Trust Fund in support of forestry research.

71. \$292.25 for the development of the Northern Illinois Experimental Field in DeKalb County: Nelson Duvick, \$42.25, and Moews Seed Company, \$250.

72. Public Service Company of Northern Illinois, \$5,000 to supplement previous grants for studies of the application of electricity to field operations.

73. Swift & Company, Chicago, \$18,000 for a study of bacterial spores responsible for food spoilage, under the supervision of Professor H. O. Halvorson of the Department of Bacteriology, for a period of three years.

74. United States Public Health Service:

a. \$14,063 for training in clinical psychology, in the Department of Psychology, under the supervision of Professor Herbert Woodrow, for one year beginning July 1, 1950 (No. 2M-5089C3 and C3S).

b. \$15,091 for extension of personality structure investigation in terms of objective test factor measures to children, in the Department of Psychology, under the supervision of Professor Raymond B. Cattell, for one year beginning September 1, 1950 (No. MH-80C-2).

c. \$28,914 for a preschool project for young mentally handicapped children, in the College of Education, under the supervision of Professor Samuel A. Kirk, for one year beginning October 1, 1950 (No. MH-274-R).

d. \$9,900 for a study to determine the synthesis and maintenance of intracellular enzymes, under the supervision of Professor Sol Spiegelman, Department of Bacteriology, for a period of one year beginning July 1, 1950 (No. C-1094-C).

e. \$16,200 for a study to determine the origin and interconversions of the non-essential amino acids, in the Department of Chemistry, under the supervision of

Professor William C. Rose, for a period of one year beginning September 1, 1950 (No. RG-1386-C2).

f. \$9,646 for studies of the inositol lipids of plant and animal tissues, in the Department of Chemistry, under the supervision of Professor Herbert E. Carter, for a period of one year beginning September 16, 1950 (No. RG-2031C).

g. \$8,977 for a study to determine the nitrification phase of the biochemical oxygen demand test, in the State Water Survey and Department of Chemistry, under the supervision of Professor Arthur M. Buswell, for a period of one year beginning September 1, 1950 (No. RG-2141-C).

h. \$10,800 for a study of the nature, cause, and control of housefly resistance to insecticides, in the Department of Entomology, under the supervision of Professor George C. Decker, for one year beginning September 1, 1950 (No. RG-2623).

i. \$4,924 for a study to determine factors affecting the concentrations of free amino acids in animal tissues, in the Department of Chemistry, under the supervision of Dr. L. M. Henderson, for one year beginning September 1, 1950 (No. RG-2674).

75. VioBin Corporation, Monticello, Illinois, \$200 for an investigation of the value of wheat germ oil in the development of resistance to disease by the Department of Bacteriology, under the supervision of Professor George I. Wallace.

Total, Funds for Graduate Fellowships, Scholarships, and Research \$247,681.21
C. Gifts of Equipment, Works of Art, and Library Materials

76. Judge and Mrs. John H. Armstrong, Champaign, Illinois, a Baldwin grand piano for the School of Music.

77. Mr. Seward Brisbane, New York, N.Y., the papers of Albert Brisbane. (Albert Brisbane was a writer on the staff of the *New York Tribune* during the days of Horace Greeley. For twenty years he wrote a column dealing with social reforms. The collection includes some of his original manuscripts and other notes.)

78. Hotpoint Company, an automatic dish washer for the Home Economics Department. (Estimated value, \$225.)

79. Miss Nola B. Harper, Washington, D.C., eighty-one volumes of architectural works in memory of her brother, the late Edward Clarke Harper, Class of 1914.

80. Mr. and Mrs. Earle Ludgin, Chicago, prints and drawings to the Department of Art.

81. University of Illinois Band Association, a portrait of Director Emeritus A. A. Harding by Professor C. E. Bradbury. (A public presentation will be made at the Annual Band Concert in March, 1951.)

Total, Gifts of Equipment, Works of Art, and Library Materials...\$ 225.00
Total, Urbana-Champaign.....\$284,264.46

For the Chicago Professional Colleges

A. *Funds Received from Private Industry, Foundations, Other Organizations and Government Agencies for Research and Graduate Study*

82. Abbott Laboratories, North Chicago, Illinois:

a. \$2,000 for continuation of research on dietary therapy in liver disease, in the Department of Medicine, under the supervision of Dr. Robert M. Kark, for one year beginning July 1, 1950.

b. \$500 to be added to the Anonymous Renal Research Fund, in the Department of Pharmacology, College of Medicine, under the supervision of Doctor Carl C. Pfeiffer.

c. \$400 for research on Bisulfite, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Morton I. Grossman.

d. \$16,000 for research on studies on the toxicity and metabolism of sucaryl, in the Department of Medicine, under the supervision of Dr. Robert M. Kark, for a period of one year beginning November 1, 1950. (The first quarterly payment of \$4,000 has been received.)

83. American Hospital Supply Corporation, \$500, the Burdick Corporation, \$500, and the Scientific Manufacturing Company, \$500 for continued research on value of ultraviolet irradiation of blood and plasma, in the Department of Bac-

teriology, College of Medicine, under the supervision of Dr. Coye C. Mason and Dr. Milan V. Novak.

84. Armour Laboratories, Chicago:

a. \$3,600 for research on a study of the eosinophile producing factor in the liver, in the Department of Medicine, under the supervision of Dr. Robert M. Kark.

b. \$12,000 for the Armour Hematology Fund in the Department of Medicine.

85. Ayerst, McKenna, and Harrison Limited, Montreal, Canada, \$6,250 for research on urogastron, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Morton I. Grossman.

86. Bristol Laboratories, Syracuse, New York:

a. \$14,000 for research on the pharmacology of synthetic penicillin derivatives and analgesic drugs, in the Department of Pharmacology, College of Medicine, under the supervision of Dr. Carl C. Pfeiffer.

b. \$1,800 for the renewal of a fellowship in the Department of Pathology, College of Medicine, under the supervision of Dr. Granville A. Bennett (\$1,500 to be added to \$300 balance in previous grant for 1949-1950).

c. \$1,800 for the renewal of a fellowship in the Department of Pharmacology, College of Medicine, under the supervision of Dr. Carl C. Pfeiffer.

87. Burroughs Wellcome and Company, \$1,000 for the Syncurine Research Fund, in the Department of Surgery, Division of Anesthesia, College of Medicine, under the supervision of Dr. Max S. Sadove.

88. Ciba Pharmaceutical Products, Inc., Summit, New Jersey, \$500 for research on Ciba myoneural block agent investigation, in the Department of Surgery, Division of Anesthesia, College of Medicine, under the supervision of Dr. Max S. Sadove.

89. Consolidated Cosmetics, Chicago, \$3,300 for a study of the mode of action of a depilatory, in the Department of Dermatology, College of Medicine, under the supervision of Dr. Adolph Rostenberg, Jr.

90. Davis and Geck, Inc., \$500 to support the cost of film work done by Dr. Hilger P. Jenkins, Department of Surgery.

91. Glidden Company, Chicago, \$1,000 for research in the Department of Pharmacology, College of Medicine, under the supervision of Dr. Carl C. Pfeiffer.

92. Hoffman-LaRoche, Inc., Nutley, New Jersey:

a. \$2,500 for the renewal of the Roche Fellowship in Pharmacology, in the College of Medicine, under the supervision of Dr. Carl C. Pfeiffer, for one year beginning July 1, 1950.

b. \$3,905 for the "Various-Circulation," in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy.

93. Lederle Laboratories, New York, \$9,528.61 for research on work of investigative nature in infectious diseases, preventive medicine, and related fields, in the Department of Preventive Medicine, under the supervision of Dr. Harry F. Dowling, for a period of one year beginning July 1, 1950.

94. Eli Lilly and Company, Indianapolis, Indiana:

a. \$2,500 for research on clinical evaluation of spirothiobarbiturates, in the Department of Surgery, Division of Anesthesia, under the supervision of Dr. Max S. Sadove.

b. \$4,550 for research on mumps vaccination, in the College of Medicine, under the supervision of Dr. John E. Kempf and Dr. Ralph Spaeth, for one year beginning April 1, 1950.

95. Mallinckrodt Chemical Works, St. Louis, Missouri, \$4,000 for research on alkyl carbonates, in the Department of Pharmacology, College of Medicine, under the supervision of Dr. Carl C. Pfeiffer.

96. William S. Merrell Company, Cincinnati, Ohio, \$500 for research on effect of bentyll on sphincter of oddi, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy.

97. Miles Laboratories, \$1,500 for the study of antihistaminics and sympathomimetic drugs on flicker fusion threshold to be added to "Various-Circulation," in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy.

98. National Drug Company, Philadelphia, Pennsylvania, \$1,500 for investigation on gamergent, in the Department of Dermatology, College of Medicine, under the supervision of Dr. Theodore Cornbleet.

99. Nutrition Research Laboratories, Chicago, \$500 for arthritis research project, in the Department of Physiology, College of Medicine, under the supervision of Dr. Carlos I. Reed.

100. Ohio Chemical Company, Madison, Wisconsin, \$2,000 for investigation of newer anesthetic ethers, in the Department of Surgery, Division of Anesthesia, College of Medicine, under the supervision of Dr. Max S. Sadove.

101. Oster Manufacturing Company, Racine, Wisconsin, \$1,200 for research on fungicides, in the Department of Bacteriology, College of Medicine, under the supervision of Dr. Esther Meyer and Dr. Milan V. Novak.

102. Charles Pfizer and Company, Brooklyn, New York, \$6,144.46 for research on work of investigative nature in infectious diseases, preventive medicine, and related fields, in the Department of Preventive Medicine, under the supervision of Dr. Harry F. Dowling.

103. G. D. Searle and Company, Chicago, \$7,650 for research on the physiology of bile secretion, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy.

104. E. R. Squibb and Sons, New York, N.Y., \$2,666.67 for research on an investigation of striated muscle relaxants, in the Department of Pharmacology, College of Medicine, under the supervision of Dr. Klaus R. W. Unna.

105. Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania:

a. \$9,350 for investigation on the nature of muscular relaxation to be carried out with the aid of known and newly synthesized drugs, in the Department of Pharmacology, College of Medicine, under the supervision of Dr. Klaus R. W. Unna, for one year beginning August 1, 1950.

b. \$3,740 for renewal of research on method for the assay of orexigenic and anorexigenic drugs in rats, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Morton I. Grossman, for one year beginning July 1, 1950.

c. \$1,000 for the study of antihistaminics and sympathomimetic drugs on flicker fusion threshold to be added to "Various-Circulation," in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy.

106. Toni Company, Chicago, \$10,200 for continuation of research on sulphydryl compounds in cellular respiration, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Leon L. Gershbein.

107. Upjohn Company, Kalamazoo, Michigan, \$1,350 to supplement a previous grant for a fellowship for research on gelatin sponge in surgery, in the Department of Surgery, College of Medicine, under the supervision of Dr. Warren H. Cole, for nine months beginning July 1, 1950.

108. VioBin Corporation, Monticello, Illinois, \$1,500 for continuation of research, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy.

109. Wander Company, Chicago, \$2,000 for nutrition and digestion research, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy, for one year beginning January 1, 1951.

110. Borden Company Foundation, Inc., New York, N.Y., \$2,500 for continuation of the Borden Undergraduate Research Award in Medicine, for five years (\$500 a year) beginning in 1952, when the present award is expended.

111. John Simon Guggenheim Memorial Foundation, New York, \$2,470 for research on electric cell counter, under the supervision of Dr. Gerhardt von Bonin of the College of Medicine, for one year ending June 1, 1951.

112. Lakeland Foundation, Chicago:

a. \$4,000 for cancer diagnostic test, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy, for the period April 15, 1950, to January 15, 1951.

b. \$10,800 for continuation of research on attempt to isolate the growth stimulating and inhibiting agents from the liver or intestinal mucosa, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy.

113. John and Mary R. Markle Foundation, New York, N.Y., \$15,000 for stipends of scholars in medical sciences. (Additional grants are to be received under a plan to support this program for several years.)

114. Pope Foundation, Chicago, \$10,000 for research on neuromuscular skeletal pathology, in the Department of Physical Medicine and Rehabilitation, under the direction of Dr. H. Worley Kendell.

115. Rockefeller Foundation, New York, \$27,000 for research on epilepsy, in the Department of Psychiatry, College of Medicine, under the supervision of Dr. Frederic A. Gibbs.

116. Therapeutic Research Foundation, Washington, D.C., \$963.75 for research on the comparative toxicity of boric acid to tissues and bacteria and its germicidal effect in the presence of tears, in the Department of Bacteriology, College of Medicine, under the supervision of Dr. Welton I. Taylor and Dr. Milan V. Novak.

117. American Cancer Society, Inc., New York, \$6,048 for research on changes in the connective tissue stroma of the cyclic organs of reproduction as influenced by hormones, in the Department of Pathology, College of Medicine, under the supervision of Dr. Hubert R. Catchpole.

118. American Heart Association, Inc., New York, N.Y., \$5,250 for research on relation of pituitary and adrenal cortex to experimental renal hypertension, in the Department of Physiology, College of Medicine, under the supervision of Dr. George E. Wakerlin. (The grant is payable in four installments, the first payment of \$1,312.50 has been received.)

119. American Medical Association, \$750 for continuation of research on resuscitation, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy.

120. American Society of Heating and Ventilating Engineers, New York, \$6,419.29 for research on physiological adjustments of human beings to rapid changes in environment, in the Department of Medicine, under the supervision of Dr. Robert W. Keeton.

121. Asthmatic Children's Aid, Chicago:

a. \$10,000 for research on studies in histochemistry and immunology, in the Department of Medicine, Allergy Unit, under the supervision of Dr. Ben Z. Rappaport, for one year beginning July 1, 1950.

b. \$2,760 for the services of a clinic nurse for one year from July 1, 1950.

122. Chicago Heart Association:

a. \$2,450 for research on growth of vascular grafts, in the Department of Surgery, College of Medicine, under the supervision of Dr. Warren H. Cole.

b. \$5,000 for research on a study of experimental renal hypertension, in the Department of Physiology, College of Medicine, under the supervision of Dr. George E. Wakerlin, for one year beginning July 1, 1950.

c. \$75,000 for design, production, and installation of an exhibit on heart and circulation for the Museum of Science and Industry, in the Illustration Studios, under the supervision of Professor Thomas S. Jones. (The first installment of \$10,000 has been received.)

123. Drama Club of Evanston, \$250 for continuation of a fellowship in the Department of Orthopaedic Surgery, College of Medicine.

124. Illinois Federation of Women's Clubs, \$1,400 for the continuation of a fellowship in the Department of Surgery, College of Medicine, for the Tumor Clinic in the Research and Educational Hospitals, under the supervision of Dr. Danely P. Slaughter, for one year beginning July 1, 1950.

125. Junior League of Chicago, Inc., Chicago, \$5,000 in continued support of the Consultation Clinic for Epilepsy in the Research and Educational Hospitals.

126. Life Insurance Medical Research Fund, New York, N.Y., \$500 for laboratory expenses in connection with research in the Department of Physiology, College of Medicine, under the supervision of Dr. George E. Wakerlin.

127. Women's Auxiliary of the College of Medicine, \$15 to be added to the Occupational Therapy Gift Fund, in the Research and Educational Hospitals.

128. United States Public Health Service:

a. \$10,040.44 for continuation of research on cause of gastric cancer, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy, for one year beginning April 1, 1950 (No. C-317-C-3).

b. \$5,825.41 for research on susceptibility of monkey's stomach to heat and condiments, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy (No. C-737-C).

c. \$3,599.83 for research to determine whether the resistance of the guinea pig to "butter yellow" hepatoma can be reduced by a liver damaging diet, under the supervision of Dr. Morton I. Grossman in the Department of Clinical Science, College of Medicine (C-758-C).

d. \$6,620 for a study of neoplastic changes in the oral epithelium and supporting structures induced by radioactive materials, under the supervision of Dr. Marvin S. Burstone in the Division of Oral Pathology, for one year beginning November 1, 1950 (No. C-1373).

e. \$4,843.64 for the Undergraduate Training Grant—Cancer, in the Department of Histology, College of Dentistry, under the supervision of Dr. Isaac Schour (Ct-663-C2).

f. \$22,952.03 for the continuation of undergraduate and postgraduate teaching and research in cancer, in the Department of Surgery, College of Medicine, under the direction of Dr. Danely P. Slaughter, for the period ending March 31, 1951 (No. Ct-630-C2).

g. \$20,880 for research on renal hemodynamics as influenced by chronic stress and adrenocorticotrophin, in the Department of Pharmacology, College of Medicine, under the supervision of Dr. Carl C. Pfeiffer, for one year beginning August 1, 1950 (No. HG-787).

h. \$13,600 for research on site of action in the central nervous system of drugs useful in spastic conditions, in the Department of Pharmacology, College of Medicine, under the supervision of Dr. Klaus R. W. Unna (No. RG-1824).

i. \$4,740 for research on factors involved in the growth and dissolution of urinary and biliary calculi formed upon foreign body nuclei, in the Department of Surgery, College of Medicine, under the supervision of Dr. Cornelius W. Vermeulen.

j. \$14,000 to continue cardiovascular training, in the College of Medicine, under the supervision of Dr. Stanley W. Olson, for one year beginning September 1, 1950 (No. HT-300-C).

k. \$5,566 for research on projection systems of the cerebral cortex in the primate, in the Department of Anatomy, College of Medicine, under the supervision of Dr. Gerhardt von Bonin, for one year beginning October 1, 1950 (No. MH-333).

l. \$6,000 for a postdoctoral training grant, in the Department of Psychiatry, College of Medicine, under the supervision of Dr. David Shakow, for one year beginning July 1, 1950 (No. 2M-5538).

m. \$3,608.43 for continuation of research on cephalometric X-ray study of the growth of the human head from the eighth year to the fifteenth year, in the Department of Orthodontia, College of Dentistry, under the direction of Dr. Allan G. Brodie (D-23-C-2).

n. \$5,400 for research on amino acid and protein metabolism in leukemia, in the Department of Pediatrics, College of Medicine, under the direction of Dr. Harry A. Waisman (No. C-875-C).

o. \$1,172.27 for research on cardiac output and total peripheral resistance to flow and various physiological and pathophysiological conditions, in the Department of Physiology, College of Medicine, under the supervision of Dr. William V. Whitehorn.

Total, Funds from Private Industry, Foundations, Other Organizations and Government Agencies for Research and Graduate Study

\$468,608.83

B. Funds Received from Individuals

129. Anonymous:

a. \$580.80 for 44 vials, 132 mg. each of adrenocorticotrophic hormone for use in the Allergy Clinic in investigations concerning hay fever caused by sensitivity to ragweed. (Estimated value.)

b. \$250 to be added to the Patrick and Bertha Mooney Fund for financial aid to students in the College of Medicine.

130. Mr. W. R. Barker, \$1,000 for the continuation of research on chemical basis of epilepsy, in the Department of Psychiatry, College of Medicine, under the supervision of Dr. Frederic A. Gibbs.

131. Berkelhamer Family, \$100 for the annual Dr. Ralph C. Berkelhamer Scholarship award (started in 1946).

132. A. E. Christiansen Family, \$80 in honor of the late Mrs. Christiansen, to be added to the Lakeland Foundation Grant Cancer Diagnostic Test, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. Andrew C. Ivy.

133. Mrs. Dorothy Iddings, Research and Educational Hospitals, Chicago, \$50 for medical editorial services in the Department of Physical Medicine and Rehabilitation, under the supervision of Dr. H. Worley Kendell.

134. Mr. Harry L. Kagan, \$155.50 to be added to the Tumor Clinic Gift Fund, in the Research and Educational Hospitals, under the supervision of Dr. Danely P. Slaughter.

135. Dr. Claude N. Lambert, \$50, and Dr. T. A. Fox, \$25, for the Orthopaedic Surgery-Travel Alumni, a travel fund for residents in Orthopaedic Surgery.

136. Dr. Francis L. Lederer, \$145 to be added to the Miscellaneous Otolaryngology Fund—Lederer, for research in the Department of Otolaryngology, College of Medicine.

137. Dr. Leo F. Miller, College of Medicine, for the Orthopaedic Surgery Fund, for awards to junior medical students, \$50.

138. Mr. Stanley J. Miskowicz, Harvey, Illinois, \$50 for the Psychiatry Gift Fund for research in the Department of Psychiatry, under the direction of Dr. Ladislav J. Meduna.

139. Mr. Jacob J. Nathan, \$20 to be added to the Allergy Antigens Research Fund in the Department of Medicine for research under the supervision of Dr. Ben Z. Rappaport.

140. Dr. Henry G. Poncher, College of Medicine, \$150 to be added to the Pediatrics Fund.

141. Dr. Ben Z. Rappaport, \$250 for research on mold spore production, in the Department of Bacteriology, College of Medicine, under the supervision of Mr. Leon J. LeBeau and Dr. Milan V. Novak.

142. Dr. Louis Savitt, \$10 to be added to the Miscellaneous Otolaryngology Fund—Lederer, in the Department of Otolaryngology, College of Medicine.

143. Mrs. Florence W. Stratton, \$20 in memory of the late Dr. George H. Musselman, for the Consultation Clinic for Epilepsy in the Research and Educational Hospitals.

144. Mr. Victor S. Yarros, La Jolla, California, \$300 to be added to the Rachelle S. Yarros Scholarship Fund, in the College of Medicine.

Total, Funds Received from Individuals.....\$3,286.30

C. Gifts of Equipment or of Funds for Equipment

145. Beverly Hills Junior Woman's Club, \$57.50 to be added to the Occupational Therapy Gift Fund for Children.

146. WLS Prairie Farmer Christmas Neighbor's Club, Chicago, a hospital bed (estimated value, \$157.50).

147. Women of the Rotary Club of Chicago:

a. \$52.29 to be added to the Orthopaedic Gift Fund for Children for a special shampoo bowl for the patients in the Department of Orthopaedic Surgery, College of Medicine.

b. \$355 to be added to the Orthopaedic Gift Fund for Children for three chrome wheel chairs and repair of three present chairs in the Department of Orthopaedic Surgery, College of Medicine.

Total, Gifts of Equipment or of Funds for Equipment.....\$ 622.29

Total, Chicago Professional Colleges.....\$472,517.42

For the Chicago Undergraduate Division

148. Harnischfeger Corporation, Milwaukee, Wisconsin, \$200 for scholarships.

Total, Chicago Undergraduate Division.....\$ 200.00

Grand Total.....\$756,981.88

This report was received for record.

PURCHASES

Purchases Authorized

(32) The following purchases were authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Steel laboratory furniture for equipping a soil testing laboratory and a cytology laboratory in the floriculture greenhouse	Physical Plant	Fisher Scientific Co., St. Louis, Mo.	\$3 470 95 f.o.b. Urbana
B and better northern white pine, 6" and wider rough kiln dried, in 12', 14', and 16' lengths: 5000 board feet, 2000 board feet, 1000 board feet	Physical Plant	White Pine Lumber Co., Chicago	3 219 00 f.o.b. delivered

On motion of Mr. McLaughlin, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Three carloads (approximately 120,000 pounds) enamel book paper (Champion "Satin Refold") to be shipped one car in each calendar quarter of 1951 beginning the second quarter	Office Supply Storeroom	Dwight Brothers Paper Co., Chicago	\$22 000 00 approximate f.o.b. delivered
36,000 pounds "A Grade" English finish book paper to be shipped 12,000 pounds each calendar quarter of 1951 beginning with the second quarter	Office Supply Storeroom	Marquette Paper Corp., Chicago	6 400 00 approximate f.o.b. delivered
Laboratory furniture for new Animal Sciences Laboratory	Animal Science	Metalab Equipment Corp., Hicksville, Long Island, N.Y.	6 306 93 f.o.b. Urbana
Laboratory furniture for new Animal Sciences Laboratory	Dairy Science	Metalab Equipment Corp., Hicksville, Long Island, N.Y.	1 250 00 f.o.b. Urbana
Six 108" x 48" oak library tables and two 168" x 48" oak library tables (1 1/2" 5-ply tops, pedestal bases) for Veterinary Medicine Building	Physical Plant	Mutschler Bros., Nappanee, Ind.	1 894 00 f.o.b. Nappanee, Ind.
78 oak arm chairs for Veterinary Medicine Building	Physical Plant	The Milwaukee Chair Co., Milwaukee, Wis.	1 350 96 f.o.b. Milwaukee, Wis.
Steel laboratory furniture for Noyes Laboratory	Physical Plant	Metalab Equipment Corp., Hicksville, Long Island, N.Y.	9 777 75 f.o.b. Urbana
Four 36-circuit panelboards, flush-mounted; two 30-circuit panelboards, flush-mounted	Physical Plant Storeroom	Efengge Electrical Supply Co., Chicago	1 894 60 f.o.b. delivered
981 AAR pipe unions (standard pipe fittings)	Physical Plant Storeroom	Saunders and Co., Chicago	1 326 53 f.o.b. delivered
One No. 32-A-21,22 line P.A.X. One 110-115 volt, 60 cycle to d.c. power unit for above Six dial wall monophones, type 44, style AA71 (Intercommunication equipment for the Power Plant addition)	Physical Plant	L. A. Cutshall, Chicago	1 349 15 f.o.b. Chicago
45,000 pounds soft paste basic carbonate of white lead in accordance with A.S.T.M. specifications No. D-81, latest revision	Physical Plant	MacGregor Lead Co., Chicago	9 787 50 f.o.b. Urbana
300 sheets 3/4" x 4' x 8' interior, Douglas fir plywood, sound one side	Physical Plant	Gaines Hardwood Lumber Co., St. Louis, Mo.	1 324 80 f.o.b. delivered
Surface-mounting wiring devices	Agricultural Administration	Efengge Electrical Supply Co., Chicago	1 322 07 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Electrical supplies (conduit fittings, switch boxes, switches, and other items)	Agricultural Administration	Graybar Electric Co., Chicago	1 578 88 f.o.b. Urbana
One class A fireproof safe, 42" x 60" x 28" with 20 suspension file drawers to contain student records	Chicago Undergraduate Division, Admissions and Records	Remington Rand, Inc., Chicago	1 845 52 f.o.b. delivered and installed
One multichannel oscillograph with 30 r.p.m. motor and 12 tooth sprocket, 5 to 1 ratio providing paper speeds of 25 mm/sec and 5 mm/sec	Aeromedical and Physical Environment Laboratory	Brush Development Co., Chicago	2 200 00 f.o.b. Cleveland, Ohio
One eight-channel electroencephalograph, model 111 series, with nine-speed gear box, for research work in the Department of Psychiatry	Psychiatry	Grass Instrument Co., Quincy, Mass.	3 735 00 f.o.b. Quincy, Mass.
Communication and industrial tubes: 17 each No. FG172; 61 each No. GL3C23; 28 each No. FG-32; 6 each No. 5559	Physics	General Electric Supply Co., Springfield	1 781 70 f.o.b. Urbana
Standard 3 1/2" round, flush, bakelite cased meters as follows: 37 microammeters, 71 milliammeters, 20 ammeters, 75 voltmeters	Physics	The Weston Electrical Instrument Co., Chicago	2 355 23 f.o.b. Newark, N.J.
2700 receiving tubes	Physics	Radio Corporation of America, Chicago	2 229 65 f.o.b. Harrison, N.J.
One 16 mm. film viewing machine with 2" x 3" rear projection screen, hand and foot switch control, complete with cabinet, amplifier, and speaker, constant speed motor and variable speed motor	Photography	Moviola Manufacturing Co., Hollywood, Calif.	1 358 00 f.o.b. Hollywood, Calif.
One professional 16 mm. motion picture camera complete with 235 degree dissolving shutter, viewfinder, sun shade, and filter holder	Photography	J. A. Maurer Co., Long Island City, N.Y.	4 192 00 f.o.b. Long Island City, N.Y.
Two 400 foot gear-driven film magazines			
One 8-frame hand crank, friction head tripod and carrying case			
One accounting machine three-register capacity, with 18" carriage, extra row of two-letter characters, and with stand	Housing Division (Residence Halls)	Underwood Corp., Springfield	1 784 13 delivered and installed
10,000 reprints of <i>Unit Planned Houses</i> (contemporary houses developed from room units)	Small Homes Council	R. R. Donnelley & Sons Co., Chicago	2 499 00
One laboratory spaghetti and macaroni plant consisting of press, kneader, and mixer; machines to be mounted on a table and individually motor-driven; capacity 2 1/4 lbs. per operation	Food Technology	John J. Cavagnaro, Harrison, N.J.	3 480 00 f.o.b. Harrison, N.J.
One low temperature evaporator with capacity for handling 3 gallon batches and evaporating about 20 pounds of water per hour; to be used for research and teaching in connection with processing concentrated juices and milk	Food Technology	Mojonnier Bros., Chicago	3 391 50 f.o.b. Chicago
One experimental reduction unit (a miniature laboratory flour mill to reduce small amounts of grain to flour)	Food Technology	Allis-Chalmers Co., Chicago	4 065 00 f.o.b. Milwaukee, Wis.
Four autopsy tables, 36" x 78" x 35", stainless steel, pedestal type, complete with plumbing equipment	Veterinary Medicine, Physical Plant	American Sterilizer Co., Chicago	4 158 00 f.o.b. Urbana
Twelve betatron donut frames, porcelain and of sufficient strength and impermeability to hold a high vacuum on continuous pumping	Physics	McDaniel Refractory Porcelain Co., Beaver Falls, Pa.	1 857 96
Four 16 mm. portable sound projectors equipped with 2" focal lens, tubes, exciter lamps, photoelectric cells and cords	Physical Plant	Fletcher Visual Aids Service, Urbana	2 078 00 f.o.b. delivered
Four 2 1/4" focal lens for these projectors			

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One single end tenoning machine with direct motor drive (2 h.p. 3600 r.p.m. totally enclosed), including tenoning head yokes, plain non-tilting table, cope attachments	Physical Plant	Oliver Machinery Co., Chicago	3 118 00 f.o.b. Grand Rapids, Mich.
One deep well turbine pumping unit with 30 h.p., 3 phase, 60 cycle, 220 volt 1150 r.p.m. vertical hollow shaft motor	Civil Engineering	Worthington Pump & Machinery Corp., Chicago	1 969 00 f.o.b. Urbana
120,000 feet No. 10 copper magnet wire, single cotton, single formvar	Physics	Anaconda Wire & Cable Co., Chicago	1 733 52 f.o.b. delivered

Textiles and Cotton Goods for the Chicago Professional Colleges General Stores:

<i>Company and Items</i>	<i>Unit Price</i>	<i>Extended Price</i>	<i>Total</i>
Sears, Roebuck & Company			
1000 yds. 34" single faced canton flannel, 8 oz. unbleached	\$ 55	\$ 550 00	
100 kimonos, assorted sizes, children's, sanforized seersucker, blue and white stripe		313 00 (lot) (863 00 plus 2%)	\$ 880 26
Harris and Wellman			
*500 yds. 72" unbleached muslin sheeting, type 140	77	385 00	
100 binders, double T	32	32 00	
100 doz. quilted mattress pads, 18" x 27" zig-zag 5/8" stitch covered of type 124 bleached muslin	7 75	775 00	
15 doz. shirts, scrub, large V neck, equal to Whitehouse No. 486 in style, sanforized	14 00	210 00	
35 doz. doctors operating gowns, bleached, sanforized jean twill 2.85 with stockinette cuffs large size	31 00	1 085 00	2 487 00
*This is the lowest bidder but they are unable to supply the 1000 yards, total quantity requested.			
Nestel Products			
*500 yds. 72" unbleached muslin sheeting, type 140	76 1/2	382 50	
500 yds. 36" white outing flannel 4.8 yards per pound	29	87 00	469 50
*This is the second lowest bidder who is able to supply the balance of 500 yards.			
Beverly Linen Company			
3000 yards 16" striped glass toweling in 50 yard bolts, red or blue	20	600 00	
100 doz. quilted mattress pads 39" x 76" zig-zag 5/8" stitch covered with type 124 bleached muslin	34 56	3 456 00	
*10 dozen type 140 bleached muslin sheets 72" x 108" 3" x 1" hem (10 doz. only for immediate delivery) (see L. B. Herbst Company)	33 58	335 80	
500 doz. 18" x 36" white huck towels	3 59	1 795 00	6 186 80
*This is the second lowest bidder who is able to supply the balance of 10 doz.			
Mills Hospital Supply Company			
30 doz. mattress covers unbleached type 140 muslin finished size 46" x 84" x 7" box type	44 00	1 320 00	
200 covers, mattress juvenile, 40" x 81" x 11" box type 140 unbleached muslin	3 22	644 00	
30 doz. wrappers 24" x 24"	6 00	180 00	
350 binders T, single	30	105 00	
300 drum, circles, 8 oz. sanforized duck 18" diameter	70	210 00	
250 kimonos, adult, large, sanforized seersucker, blue and white stripe	4 13	1 032 50	
12 doz. children cotton knit pants briefs size 4 and 6	1 85	22 20	
18 doz. children cotton knit pants briefs size 8 and 10	2 25	40 50	
18 doz. children cotton knit pants briefs size 14 and 16	3 75	67 50	
60 doz. children's gowns, small and large sizes	13 85	831 00	4 452 70
L. B. Herbst Company			
300 covers, standard, large 45" x 66", type 140 unbleached muslin, single thickness 1/2" hem	1 04	312 00	
300 covers, standard, medium 36" x 45", type 140 unbleached muslin, single thickness 1/2" hem	22 61	186 00	
6 doz. drum linings, 12 oz. duck	22 31	133 86	
350 pillow slips 45" x 36" made of 8 oz. single faced canton flannel	1 05 1/2	369 25	
200 doz. 12" x 12" white wash cloths	1 13	226 00	
*200 doz. type 140 bleached muslin sheets 72" x 108", 3" x 1" hem (see Beverly Linen Co.)	32 58	6 516 00	
*This is the lowest bidder but they are only able to supply 200 dozen of the 210 dozen requested.			
		(7 743 11 plus 2%)	7 897 97

<i>Company and Items</i>	<i>Unit Price</i>	<i>Extended Price</i>	<i>Total</i>
Will Ross			
600 covers, bed pan, 8 oz. A.C.S. blue and white stripe ticking, style and size like Will Ross No. F-400	37	222 00	
10 doz. Hollywood nurse turbans	4 00	40 00	
100 doz. towels all white bath, finished size 20" x 40" terry weave	6 06	606 00	868 00
Harfrede Company			
330 covers, hot water bottle, white outing flannel, with tie strings like Will Ross No. F-104	2 80	77 00	
330 covers, ice bag, white outing flannel	23 ½	77 00	
60 doz. unbleached type 160 muslin glove pockets	2 35	141 00	295 00
Kuttbauer Manufacturing Company			
30 doz. wrappers 20" x 20"	4 35	130 50	
350 A.B.D. binders	75	262 50	
300 dresses, baby, white flannelette, 12" set-in closed sleeves, tie back	64	192 00	
18 doz. shirts, infants, short sleeves, size 1 to 5 cotton knit, wraparound tie sides	3 60	64 80	649 80
Ottenheimer Company			
250 breast binders, large	10 45	217 70	
10 doz. stocking, surgical, small 36" length over-all with tie strings	6 70	67 00	
25 doz. doctors operating caps, white, bleached twill	2 50	62 50	
		(347 20 plus 2%)	354 14
Whitehouse Manufacturing Company			
25 doz. stocking, surgical, large 44" length	7 40	185 00	
60 doz. pajama pants, large (42-46) from type 132 unbleached sheeting	17 55	1 053 00	
10 doz. pants, scrub, large draw strings bleached, 6 oz. duck	21 10	211 00	
100 doz. patients gowns, unbleached jean twill, 2.85 finished (or equal) 40"	16 45	1 645 00	
		(3 094 00 plus 2%)	3 155 88
Kansas City White Goods			
120 doz. 54" x 72" type 140 bleached muslin draw sheets	17 80	2 136 00	
200 doz. type 140 bleached muslin pillow slips 45" x 36", 2" hem	7 30	1 460 00	
44 doz. Bates Ripplette white bed spreads 72" x 108"	39 80	1 751 20	5 347 20

On motion of Mr. McLaughlin, these purchases were authorized as recommended.

COMPTROLLER'S REPORT OF CONTRACTS

(33) The Comptroller's report of contracts executed for the period from January 1 to January 31, 1951.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Lumber Dealers	Closet units	\$ 4 650 00	January 16, 1951
Research Council			
Bureau of Public Roads	Steel bridge columns	2 250 00	May 21, 1947
United States Air Force	Plasticity of metals	35 000 00	September 29, 1950
United States Navy	Organic acid metabolism	9 000 00	September 1, 1950
United States Navy	Plastic deformation of solids	24 520 00	September 1, 1950
National Advisory Committee for Aeronautics	Optically active materials in plastic deformations	13 900 00	August 4, 1950
United States Army	Compounds of high nitrogen content	10 000 00	October 11, 1950
Veterans Administration	Books and supplies under P.L. 346 and 16 for Chicago Undergraduate Division, September 22, 1950, to August 18, 1951	Rates per contract	December 13, 1950
Veterans Administration	Insurance short course under P.L. 346 and 16, March 20 to November 16, 1951	Rates per contract	November 17, 1950
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Illinois Power Company	Power and lighting for radio transmitter at Robert Allerton Park	\$ 62 50 per month (minimum)	December 29, 1950
E. H. Sheldon and Company	Plans and specifications for laboratory equipment	800 00 (approximate)	January 18, 1951

Contract Changes Executed

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
United States Navy	Task Order #11	\$ 5 000 00	September 30, 1950
United States Atomic Energy Commission	Content of human tissues in eleven trace minerals	8 500 00	October 23, 1950
United States Navy	Task Order #9	6 000 00	August 30, 1950
United States Navy	Psychodynamics of groups under controlled conditions	10 544 18	November 30, 1950
United States Air Force	Ceramic materials for increasing the life and efficiency of aircraft power plants	45 000 00	December 6, 1950
United States Navy	Task Order #27	9 200 00	August 31, 1950
United States Navy	Task Order #28	7 600 00	December 14, 1950
National Warm Air Heating and Air Conditioning Association	Warm air furnace heating	27 065 00	January 12, 1951
Merck and Company, Inc.	Vitamin B ₁₂ in calf nutrition	2 500 00	October 26, 1950
Commonwealth Edison Company	Solubility of boiler waters	20 000 00	January 27, 1951
Lederle Laboratories Division, American Cyanamid Company	Sulfonamides, antibiotics, and other agents in animal and poultry diseases	5 000 00	January 8, 1951
Hail Loss Research Committee, Western Hail and Adjustment Association	Soybean losses sustained from hail storm damage	1 800 00	January 8, 1951
American Gas Association	Air duct systems	5 000 00	January 9, 1951
Illinois Clay Products Company	Plastic and high temperature properties of clay	5 500 00	January 27, 1951

Adjustments Made in Authorizations Issued Under Cost-Plus Standing Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	Harker Hall remodeling (room 104, 106)	\$ 2 551 15	December 27, 1950
	Talbot Laboratory remodeling	571 43	December 27, 1950
	Floriculture Building alterations	650 00	December 29, 1950
	Changes in administrative offices	1 210 95	January 9, 1951
	Sub-total	(4 983 53)	
E. N. DeAtley	Talbot Laboratory remodeling	3 534 80	December 28, 1950
	Floriculture Building alterations	2 880 25	December 29, 1950
	Sub-total	(6 415 05)	
Reliable Plumbing and Heating Company	Floriculture Building Alterations	1 500 00	November 29, 1950
	Talbot Laboratory remodeling	50 00	November 29, 1950
	Changes in administrative offices	1 600 00	January 9, 1951
	Sub-total	(3 150 00)	
Schroeder's	Noyes Laboratory remodeling for Bacteriology	1 985 00	December 22, 1950
	Changes in administrative offices	358 64	January 9, 1951
	Sub-total	(2 343 64)	
Clarence H. Siems	Green Street apartments	157 35	January 15, 1951
	Student and Staff apartments	157 35	January 15, 1951
	Sub-total	(314 70)	
Square Deal Electric	1005 W. Nevada remodeling	50 00	January 25, 1951

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(34) The Comptroller presents his quarterly report to the Board as of December 31, 1950.

This report was received for record.

AFFILIATION WITH MORRISON HOME FOR THE AGED AND THE CHRONIC ILLNESS HOSPITAL

(35) The Vice-President in charge of the Chicago Professional Colleges submits for consideration a proposal for an affiliation with the Morrison Home for the Aged and the Home for the Incurables, both in Chicago. Under this plan the University would have facilities for the education of medical students and for research in a new "chronic illness hospital" (to be constructed in conjunction with a new home for the aged in the Medical Center District) and in turn would provide certain professional services.

The boards of directors of these two institutions are negotiating with the Medical Center Commission for the purchase of land on which to construct the buildings. Before proceeding, the Commission needs to know whether or not the University of Illinois will approve an affiliation along lines to be agreed upon.

A proposal has been drafted and is submitted herewith as a basis for discussion.

I recommend that the Board of Trustees indicate a desire to proceed with such an affiliation, with the understanding that later a formal agreement will be submitted to the Board for approval.

On motion of Mr. Livingston, this recommendation was approved.

APPOINTMENTS TO PROFESSIONAL ADVISORY COMMITTEE OF THE DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(36) The Board of Trustees has authorized the appointment of a Professional Advisory Committee for the Division of Services for Crippled Children. The present Committee was appointed for two years from December 1, 1948.

The Vice-President in charge of the Chicago Professional Colleges submits the following nominations for reappointments and new appointments to this Committee for a term beginning January 1, 1951, and expiring June 30, 1953, so that the appointments will coincide with the fiscal years of the biennium.

I concur in these appointments.

Reappointments

ALLAN G. BRODIE, Orthodontist, Chicago
JANE BULL, Executive Director of Illinois Commission for Handicapped Children, Chicago
HAROLD M. CAMP, Secretary-Treasurer of Illinois State Medical Society, Monmouth
MAUDE B. CARSON, Chief of Division of Public Health Nursing, Illinois Department of Public Health, Springfield
FREMONT A. CHANDLER, Orthopedist, Chicago
EDWARD L. COMPERE, Orthopedist, Chicago
HUGH COOPER, Orthopedist, Peoria
WOODRUFF L. CRAWFORD, Pediatrician, Rockford
ROLAND R. CROSS, Director of Illinois Department of Public Health, Springfield
WATSON GAILEY, Ophthalmologist, Bloomington
FRANCIS J. GERTY, Psychiatrist, Chicago
DORA GOLDSTINE, Medical Social Worker, University of Chicago, Chicago
PAUL W. GREELEY, Plastic Surgeon, Chicago
JULIUS H. HESS, Pediatrician, Chicago
PAUL H. HOLINGER, Bronchoesophagologist, Chicago
ISAAC JOLLES, Psychologist, Illinois Department of Public Instruction, Springfield
H. WORLEY KENDELL, Department of Physical Medicine and Rehabilitation, University of Illinois, Chicago
PHILIP LEWIN, Orthopedist, Chicago
FREDERICK W. MERRIFIELD, Plastic Surgeon, Chicago
ERIC OLDBERG, Neurologist and Neurosurgeon, Chicago
MEYER A. PERLSTEIN, Pediatrician and Cerebral Palsy Work, Chicago
HENRY G. PONCHER, Pediatrician, University of Illinois, Chicago
GEORGE E. SHAMBAUGH, JR., Otolaryngologist, Chicago
JOHN R. THOMPSON, Orthodontist, Northwestern University, Chicago
HAROLD WESTLAKE, Director of Speech Clinic, Northwestern University, Evanston

New Appointments

EMILY C. CARDEW, Coordinator of Nursing Education, University of Illinois Undergraduate Division, Chicago

RAYMOND CARHART, Director of Education of the Deaf and Hard of Hearing, Northwestern University, Evanston

J. C. DALLENBACH, Professional Liaison with Elks Crippled Children's Commission, Champaign

JAMES B. GILLESPIE, Pediatrician, Urbana

MORRIS H. KREEGER, Superintendent of Michael Reese Hospital, Chicago

ELIZABETH MCKINLEY, Director of Social Service, University of Chicago Clinics, Chicago

JOHN L. REICHERT, Pediatrician, Illinois Chairman of the American Academy of Pediatrics, Chicago

HAROLD WATKINS, Otologist, Bloomington

On motion of Mr. McLaughlin, these appointments were made as recommended.

**REPORT OF THE EXECUTIVE COMMITTEE MEETING
OF JANUARY 11, 1951**

The Secretary presented for the Executive Committee the following record of its transactions at a meeting held in Urbana, Illinois, on January 11, 1951.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at 4:30 p.m. on Thursday, January 11, 1951, in Room 317 of the Illini Union Building, Urbana, Illinois.

Mr. Kenney E. Williamson, Chairman, and Messrs. Park Livingston and Walter W. McLaughlin, members of the Executive Committee, were present; also attending the meeting were President George D. Stoddard, Comptroller Lloyd Morey, and Mr. A. J. Janata, Secretary of the Board.

Business Presented by the President of the University

The Executive Committee considered the following matters presented by President Stoddard.

Easement Through Robert Allerton Farms for Construction of Pipe Line

(1) The Texas Illinois Natural Gas Pipeline Company has requested an easement through the Allerton farms for the construction of a pipe line. The pipe line will extend across University property for a distance of 149½ rods, and the Company has offered to pay \$3 per rod for the easement or a total of \$448.50. Permission is also requested for authority to construct a second pipe line approximately parallel to the first for which an additional \$3 per rod will be paid.

It is reported that the rate offered to the University is the same that has been accepted by the majority of property owners in Piatt County. It is understood that rates in the southern counties have been as low as \$1 to \$2 a rod. In some counties north of Piatt County, the rate has been as high as \$5 a rod. The field affected by the easement is relatively low in agricultural value because of flooding several times each year and only a partial crop has been harvested.

The Dean of the College of Agriculture and the Comptroller recommend that this easement be approved.

I concur and recommend that the following resolution be adopted:

Be It Resolved, That the Comptroller and the Secretary of the Board are hereby authorized and directed on behalf of the Board of Trustees of the University of Illinois, a public corporation, to execute a right-of-way and easement contract and to deliver the same to the Texas Illinois Natural Gas Pipeline Company, a corporation, conveying and quitclaiming to said company, its successors and assigns, for and in consideration of the sum of four hundred forty-eight dollars and fifty cents (\$448.50) a right-of-way and easement to construct, re-construct, operate, maintain, repair, alter, replace, move and remove a pipe line

and upon payment of a like sum one additional pipe line for the transportation of gas, oil, petroleum products or other liquids, gases or other substances which can be transported through a pipe line (grantee to have the right to select the route or routes thereof) under, through and across the following described real estate; situated in Piatt County, State of Illinois, to wit:

Centerline description of a strip of ground not to exceed seventy-five feet (75') in width, beginning at a point in the water's edge of the Sangamon River, said point being measured East along said water's edge, same being the South line of the University of Illinois tract of land, approximately 257 feet from the West line of section 14, T-18-N, R-5-E, Piatt County, Illinois;

Thence N. 4° 15' W, along Engineer's staked line, 421 feet to a point;

Thence N. 4° 00' E 2045 feet to a point in the division line between the lands of the aforesaid University of Illinois on the South and the lands of N. F. Tatman, *et al.*, on the North, said division line being also the North line of the Southwest quarter of said Section 14, said point being measured East along said division line 367 feet from the Northwest corner of the Southwest quarter of Section 14:

And containing in all 149.5 rods in length and 75 feet in width.

On motion of Mr. McLaughlin, this recommendation was approved and the foregoing resolution was adopted.

Contract for Modernization of Transformer Vaults

(2) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$54,900 to the Anderson Electric Company, Danville, the lowest bidder, for the modernization of the transformer vaults in Talbot Laboratory and Altgeld and Harker Halls. The bids received were for both the electrical and the general work in connection with each project.

Funds are available in the state appropriation for "Construction of extensions to the Utility Distribution Systems."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Livingston, this contract was authorized, as recommended.

Purchases

(3) The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
342 dozen assorted sizes, glass hypodermic syringes engraved "Prop. of Univ. of Ill." "Chicago"	Professional Colleges General Stores	A. S. Aloe & Co., Chicago	\$ 5,319 44 f.o.b. delivered
One isotope ratio mass spectrometer complete with installation and operating instructions	Chemistry	Consolidated Engineering Corp., Pasadena, Calif.	13,900 00 f.o.b. Pasadena

On motion of Mr. Livingston, these purchases were authorized.

The Committee adjourned.

A. J. JANATA
Clerk

PARK LIVINGSTON
WALTER W. McLAUGHLIN
KENNEY E. WILLIAMSON, *Chairman*

This report was received for record.

REPORT OF COMMITTEE ON AGRICULTURE ON SALE OF OLNEY AGRICULTURAL EXPERIMENT FARM

Mr. McLaughlin presented the following report:

On December 28, 1950, the Board of Trustees approved a recommendation that operation of the University's experimental fruit farm near Olney, Illinois, be terminated and that the land be sold. The Committee on Agriculture was

requested to have the land appraised and to submit a recommendation as to selling price and conditions of the sale.

The Committee secured the following appraisal from Messrs. Sam W. Bunn, W. E. Moore, and Mark Thomson, of Olney.

Land, 96.31 acres at \$100 an acre, or total.....	\$ 9 631
House, six room modern with basement.....	4 000
Barn.....	1 500
Garage.....	100
Other Buildings	250
Total	\$15 481

The Committee then proceeded to secure bids on the property subject to the following conditions: (1) possession March 1 with the right reserved by the University through 1952 to complete scientific studies on about 1500 fruit trees on the north tract; (2) one-half of all mineral rights to be reserved by the University; (3) sale to be for cash.

Advertisements were published in three Olney newspapers offering this land for sale, and sale bids with check for 10 per cent of offering price were invited to be submitted not later than 10:00 a.m., Tuesday, February 13, 1951. A schedule of the bids received is attached.

The highest bid was received from E. J. Hahn, Olney, Illinois, who offers \$15,600. He has agreed to the following additional conditions:

1. The University shall have the privilege of retaining the house and garage for occupancy by the Superintendent until such time as he can move to another location, but not later than September 1, 1951.

2. The University shall have the privilege of keeping machinery on the north tract during the crop season of 1951 and using farm buildings for storing that machinery. (Not all of the space is required for this purpose.)

3. It is understood that the buyer will receive the fruit crop from the farm for 1951 after the University has completed experimental work.

4. The University will take care of the spraying of trees for the seasons 1951 and 1952.

The Committee recommends that the reservation on mineral rights be for a period of twenty-five years.

The Committee recommends that the offer of E. J. Hahn be accepted subject to all of the above conditions and that the President and Secretary of the Board be authorized to execute a deed of conveyance subject to the usual conditions of liability for taxes, insurance, and abstract costs.

On motion of Mr. McLaughlin the report and recommendations were adopted and the sale of this land on the terms specified above was authorized by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Fornof, Mrs. Holt, Doctor Meyer, Mr. Nickell, Mr. Stevenson.

REPORT OF COMMITTEE ON AGRICULTURE ON SALE OF COOK COUNTY AGRICULTURAL EXPERIMENT STATION LAND

Mr. McLaughlin presented the following report:

On July 28, 1949, the Board of Trustees authorized the sale of the Cook County Experiment Station land near Des Plaines, Illinois. The Committee on Agriculture was authorized to have the land appraised and to employ a real estate broker to negotiate with prospective buyers.

The property was appraised on September 10, 1949, by Messrs. Allan Kirkwood, H. M. Cornell, and Richard J. Leyden, real estate experts, as having a fair market value (defined as the present worth of the future benefits of ownership to typical users) of \$33,500, broken down as follows:

Land, 20.33 acres at approximately \$600 an acre.....	\$12 000
House and well.....	9 500
Greenhouse and heating plant.....	10 000
Barns and sheds.....	2 000

On January 11, 1951, the Chairman of your Committee (the other members were unable to participate) conferred at the University with Mr. H. M. Cornell of Des Plaines, one of the real estate brokers with whom the property is listed for sale. Comptroller Lloyd Morey, Professor C. J. Birkeland, Head of the Department of Horticulture, and Mr. A. J. Janata, Secretary of the Board of Trustees, also participated in this conference.

Later Messrs. Raymond Tures of Des Plaines and Hubert J. Tures of Skokie came into the conference and presented an offer of \$25,000 cash for the property and stated that they would confirm it in writing and tender a check for \$2,000 as earnest money. The written offer and check have now been received.

Their proposal would permit the University to retain possession of the buildings, including the greenhouse, and a small area of the land for a period of six months from the date of sale. This is an important consideration, because the Department of Horticulture and the College of Pharmacy wish to use the greenhouse through the 1951 crop season.

This is the first offer the University has received since the property was placed upon the market more than a year ago and listed with five brokers. The broker through whom the present offer is presented submits the accompanying letter which explains how recent developments have affected the marketability of the property. It is unlikely that a price approximating the original appraisal made in 1949 can be secured. It should be noted that the greenhouse was given a value of \$10,000 in the original appraisal, so that the offer of \$25,000 is \$1,500 more than the appraisal of the land and buildings other than the greenhouse. On the other hand, it probably would not be of any financial advantage to the University to remove the greenhouse because the cost of dismantling, transporting, and erecting it on another site would be almost as much as the cost of a new greenhouse. The present market value of the property can, therefore, be determined only by offers received from potential buyers.

After the offer of the Tures brothers was received, all other brokers with whom the property was listed were advised that a firm offer had been made at less than the appraised value and would be considered by the Board of Trustees on January 23, 1951. On January 22 an offer was received by the Comptroller from Fred J. Gillick, representing the Central Manufacturing Company of Chicago, of \$25,000 cash. This proposal would also permit the University to retain possession of the buildings for a period of six months from date of sale, but there is the further condition that the buyer be able to secure permission from local government authorities for the use (testing of paints) to be made of the property. If such permission is not forthcoming, the sale would not be consummated.

The foregoing report was prepared for presentation to the Board of Trustees at its meeting on January 23, 1951, but since only the chairman on the Committee of Agriculture was present no recommendation was made. There have been these subsequent developments: (a) the Central Manufacturing Company has withdrawn its contract; and (b) the Messrs. Tures have offered the University the right to occupy or remove the greenhouse and its heating plant from the premises, or otherwise dispose of them, within six months from the date of contract.

The Committee on Agriculture therefore recommends acceptance of the offer of Raymond and Hubert J. Tures and that the President and Secretary of the Board be authorized to execute the necessary documents of sale and transfer of the property.

On motion of Mr. McLaughlin, the report and recommendations of the Committee were adopted, and the sale of the land was authorized under the conditions specified in the Committee's report by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Fornof, Mrs. Holt, Doctor Meyer, Mr. Nickell, Mr. Stevenson.

PARTICIPATION OF FARM AND HOME ADVISERS IN UNIVERSITY RETIREMENT SYSTEM OF ILLINOIS

Mr. McLaughlin, for the Committee on Agriculture, reported on a proposal submitted to the Board and referred to the Committee that

would make it possible for farm and home advisers to participate more fully in the University Retirement System of Illinois. The plan proposed is explained in the minutes of the Board meeting of June 15, 1948 (page 1148).

On motion of Mr. McLaughlin, this plan was approved and authority was granted for the execution of trust agreements between the University and the participating county farm and home bureaus, subject to approval of the form and provisions of the trust agreement by the Legal Counsel and other appropriate University officers.

ENDOWMENT INVESTMENTS

Mrs. Watkins reported that the Finance Committee has approved the following changes in endowment securities at the approximate prices indicated:

Sale:	Approximate Market	Total
200 shares Northern Indiana Public Service Co., common stock.....	21½	\$4 300
10/100 shares Eastman Kodak, common stock.....	46½	5
Purchase:		
65 shares Industrial Rayon, common stock.....	66⅞	4 346

On motion of Mrs. Watkins, the following resolution was adopted:

WHEREAS, The Board of Trustees of the University of Illinois is the owner of the following described securities: 200 shares Northern Indiana Public Service Company, common stock; 10/100 shares Eastman Kodak, common stock; and, whereas the Board of Trustees has approved the sale of such securities,

Now, therefore, be it resolved, That Lloyd Morey, Comptroller, and A. J. Janata, Secretary, be hereby authorized to execute any and all documents necessary to complete such sale.

INTEREST IN AERMOTOR COMPANY STOCK RECEIVED FROM THE ESTATE OF LAVERNE NOYES

Mrs. Watkins presented the following report of the Finance Committee:

The University holds a beneficial interest in the Estate of LaVerne Noyes, consisting of 175 shares of Aermotor Company stock presently held by the trustees of the estate. Forty-seven other colleges and universities also participate under the will and hold varying amounts of stock.

A committee consisting of representatives of four institutions so participating, one of which is the University of Illinois, has considered ways of liquidating these interests at the present time, and a plan has been worked out whereby the present management may acquire the company on terms which, it is believed, are advantageous to all parties. Upon approval by the University of Illinois and the other three institutions, it is then to be submitted to all forty-seven participating schools.

Briefly stated, such terms provide for the sale of the investment portfolio of the company and a liquidating dividend paid to the schools from the proceeds. It is estimated that this payment will amount to something in excess of \$850 per share. In payment of the net operating assets of the Company, 4½ per cent, twenty year debentures of the Aermotor Company will be issued in the amount of \$369.59 for each share held by the schools. Through the operation of a sinking fund, it is anticipated that such debentures will be entirely retired during the twenty-year period. In addition, the trustees hold investments and cash with a present value of approximately \$566,500, which will be distributed to the participating schools upon the death of the last annuitant. The total amount that will then be received by the University is estimated to be in excess of \$1,500 per share, or \$262,500.

Under the terms of the will, the Trustees have entire control of the stock during the period of the annuities, which will probably be for ten or fifteen years from the present date.

It is considered by the Finance Committee, the Comptroller, and the Bursar, who have studied the matter, that it will be to the advantage of the University to accept this plan rather than to defer the liquidation until the death of the last annuitant.

On motion of Mrs. Watkins, the following resolution was adopted:

Resolution Concerning Aermotor Company Stock

WHEREAS, The University of Illinois holds a trustee interest in the Estate of LaVerne Noyes, consisting of 175 shares of Aermotor Company stock; and

WHEREAS, A plan has been worked out providing for the liquidation of such trustee interest over a period of twenty years, by the purchase of such interest by the Aermotor Company, to be paid for by a liquidating dividend received from the sale of the investment portfolio, payable upon approval of the plan by all participating schools, from the issuance of Aermotor Company Debentures, and liquidation of assets of the Estate of LaVerne Noyes upon the death of the last annuitant, and whereas it is considered to be desirable for the University of Illinois to participate in this plan;

Now, therefore, be it resolved, That Lloyd Morey, Comptroller, and A. J. Janata, Secretary, be hereby authorized to execute any and all documents necessary to place this plan into operation and effect and to transfer interests in such Aermotor Company stock now held by the University, to the Aermotor Company or any Trustee or individual authorized to receive it under the terms of the plan.

INVESTMENTS

Mrs. Watkins reported for the Finance Committee the following transactions involving securities:

Exchange:

Deposit Funds

\$25,000 U.S.A. Treasury Bills due December 7, 1950, for \$25,000 1¼ per cent Treasury Notes, U.S.A. Series G, due November 1, 1951.

Purchase:

Endowment Funds

\$25,000 Columbia Gas System, Inc., Series B, 3 per cent debenture bonds due August 1, 1975	\$25 495 00
150 shares Atchison, Topeka, and Santa Fe Railway Company, preferred stock	16 365 55
500 shares Cincinnati Gas and Electric Company common stock	15 992 84
300 shares National Dairy Products Corporation common stock	14 780 93
\$25,000 Tennessee Gas Transmission Company first mortgage pipeline bonds, 3 per cent series due September 1, 1970.	25 250 00
\$12,000 American Telephone and Telegraph Company, 3¾ per cent, 25 year debenture bonds due December 1, 1973.	12 870 00
500 shares Household Finance Corporation common stock	17 537 51

Sale:

\$1,000 U.S.A. 2 per cent Treasury Bonds, due June 15, 1954.	1 005 94
\$1,000 U.S.A. 2 per cent Treasury Bonds, due September 15, 1953.	1 004 06
\$52,000 U.S.A. 1¼ per cent Series E Treasury Notes due August 1, 1951	51 915 14
\$2,000 The Chicago Club debenture 2½ per cent bonds due January 1, 1965.	2 000 00
\$10,000 U.S.A. 1¼ per cent Series B Treasury Notes due July 1, 1951.	9 986 25

Securities Held Under Escrow Agreement

Exchange:

With the City of Chicago

\$49,000 U.S.A. Certificates of Indebtedness due January 1, 1951, for \$49,000 U.S.A. 1¼ per cent Treasury Notes, Series G, due November 1, 1951.

This report was received for record. Mr. Herrick suggested that consideration be given to selling the Household Finance Corporation

stock and reinvesting the proceeds in some other securities. This suggestion was referred by the President of the Board to the Finance Committee.

REPORT OF CHICAGO DEPARTMENTS COMMITTEE

Mr. Livingston presented the following report:

This report of the Chicago Committee of the Board is made for the purpose of bringing up to date developments in the matter of the Chicago Housing projects since February 12, 1951, at which time the Chicago Committee held a meeting; a report of that meeting is hereby filed with the Secretary of the Board for record.

As a result of this meeting, an offer was received from White Weld and Company representing a group of security dealers which offered financing either through the Medical Center Commission or the University. A joint offer was also received from F. S. Yantis and Company and the Milwaukee Company proposing a method of financing the project directly by the University.

The Legal Committee of the Medical Center Commission met at noon on Wednesday, February 14, 1951, and took action on the request transmitted to them by the Chicago Departments Committee of the Board of Trustees of the University. The Physical Plant Department has consulted with the contractors who were originally the lowest bidders on the projects as well as with the architects.

All proposals received offering to finance through the Medical Center Commission which were in the hands of the University at the time of the February 12 meeting of the Committee as well as the offers from White Weld and Company and the F. S. Yantis and Milwaukee Companies offering financing directly by the University and which were received prior to 12:00 noon Wednesday, February 14, have been examined and analyzed. The F. S. Yantis and Milwaukee Companies offer a method of financing directly by the University, the legality of which has been approved by Chapman and Cutler. This offer represents the lowest net interest cost for the financing at an effective interest rate of 2.703. The offer is an offer to furnish minimum funds of \$4,500,000 which can be extended to \$4,700,000, the additional funds to be furnished in a manner that will not materially affect the effective interest rate.

A formal report of the Medical Center Commission's actions has not been received, but informally the University has been notified by the President of the Commission that the Medical Center Commission stands ready to take the actions which the Chicago Departments Committee requested in its letter to the Medical Center Commission under date of February 13, 1951, a copy of which is hereby given to the Secretary of the Board for record.

Consultation between the Physical Plant Department and the contractors and architects indicates that it will be necessary for the University to take new bids for the construction of the buildings, and the Physical Plant Department has indicated that it believes this can be done by March 6.

Accordingly, the Chicago Departments Committee of the Board of Trustees recommends that the Board of Trustees:

- (1) Approve the sale of University of Illinois revenue bonds to the F. S. Yantis and Milwaukee Companies in accordance with their offer of February 12, 1951, contingent upon the receipt of bids indicating that the project can be completed within the funds offered or to be made available under the same conditions.

- (2) Instruct the Physical Plant Department to ask for new bids on the Housing Projects so as to determine the funds needed for the financing.

- (3) Authorize the Executive Committee of the Board of Trustees to award contracts for the construction of the buildings upon recommendation of the President of the University and the Chicago Departments Committee.

On motion of Mr. Livingston, this report was adopted and the Committee's recommendations were approved by the following vote: Aye, Mr. Herrick, Mr. Hickman, Mr. Livingston, Mr. McLaughlin, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Fornof, Mrs. Holt, Doctor Meyer, Mr. Nickell, Mr. Stevenson.

APPROVAL OF MINUTES

The Secretary presented the minutes of the meeting of December 28, 1950, press proof copies of which were sent to the Trustees in advance.

On motion of Mr. Livingston, these minutes were approved as printed on pages 481 to 514 inclusive.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations; (4) leaves of absence; (5) degrees conferred February 11, 1951.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

- BATEMAN, HARRY P., Associate, Agricultural Engineering (S), eight months beginning January 1, 1951, \$4500 a year, supersedes (1-17-51).
- BIEGEL, ALBERT C., Instructor, Ophthalmology (Medicine) (42/100), eight months beginning January 1, 1951, \$2400 a year, and in studies under a United States Public Health Service Grant (43/100), six months beginning January 1, 1951, \$2400 a year, supersedes (2-8-51).
- BRADY, MRS. DOROTHY S., Research Professor, Economics (Bureau of Economic and Business Research) ($\frac{1}{2}$), six months beginning March 1, 1951, to render service during the second semester of the academic year, \$3900 a year (11-17-50).
- BRONFENBRENNER, MRS. JEAN A., Assistant Professor, Economics (Economics) ($\frac{1}{2}$) and (Bureau of Economic and Business Research) ($\frac{1}{2}$), February 1-June 15, 1951, to render service during the second semester of the academic year, \$2250, supersedes (1-31-51).
- CHERTACK, MELVIN M., Physician, Health Service (Chicago Professional Colleges) ($\frac{1}{2}$), eight months beginning January 1, 1951, \$3000 a year (2-8-51).
- CROUSE, HOMER L., Assistant, Management (Business Organization and Operation), February 1-June 15, 1951, to render service during the second semester of the academic year, \$1800, supersedes (2-6-51).
- DONALDSON, JANET G., Binding Assistant, Library, seven months beginning February 1, 1951, \$3000 a year, supersedes (2-2-51).
- DUTTON, W. EUGENE, Assistant Professor, Psychology, and Counselor, Student Counseling Bureau (Undergraduate Division in Chicago), seven months beginning February 1, 1951, \$5500 a year, supersedes (2-8-51).
- ECKMANN, BENO, Visiting Professor, Mathematics, September 1, 1951-January 15, 1952, \$3000 (1-6-51).
- ELSTNER, RICHARD C., Research Associate, Theoretical and Applied Mechanics (S) ($\frac{1}{2}$), February 1-June 15, 1951, \$175 a month, supersedes (1-22-51).
- FOX, HOWARD W., First Assistant, Forestry (S), eight months beginning January 1, 1951, \$4500 a year, supersedes (1-30-51).
- GARVIN, JOHN S., Instructor, Neurology (Neurology and Neurological Surgery) (Medicine) ($\frac{3}{4}$), eight months beginning January 1, 1951, \$3000 a year, supersedes (1-24-51).
- HALL, JAMES M., Clinical Assistant, Ophthalmology (Medicine), eight months beginning January 1, 1951, without salary (2-8-51).
- HAUG, ELSIE, Clinical Instructor, Psychiatry (Medicine), eight months beginning January 1, 1951, without salary, supersedes (2-2-51).
- HENRIOLLE, EUGENE L., Research Assistant, Physiology (Medicine), January 1-September 15, 1951, \$3000 a year (1-22-51).
- HILKER, GLORIA L., Assistant Professor, Hygiene, and Medical Adviser for Women (Undergraduate Division in Chicago) ($\frac{2}{3}$), six months beginning March 1, 1951, \$4665 a year, supersedes (1-22-51).
- JACOBS, LESTER, Instructor, Full and Removable Partial Dentures (Dentistry), seven months beginning February 1, 1951, \$4500 a year, supersedes (2-5-51).
- JACOBS, WILLIAM R., Clinical Assistant, Radiology (Rush) (Medicine), October 16, 1950-August 31, 1951, without salary (2-2-51).

- JOKELA, JALMER J., First Assistant, Forestry (S), five months beginning April 1, 1951, \$333.33 a month (2-8-51).
- JONES, EDWARD T., Clinical Assistant, Ophthalmology (Medicine), eight months beginning January 1, 1951, without salary (2-8-51).
- JUNI, ELLIOT, Instructor, Bacteriology, seven months beginning February 1, 1951, to render service during the second semester of the academic year, \$2250 (2-8-51).
- MARSHALL, PRENTICE H., Assistant, Business Law (Business Organization and Operation), February 1-June 15, 1951, to render service during the second semester of the academic year, \$266.66 a month, supersedes (2-5-51).
- MAURICE, CHARLES G., Instructor, Applied Materia Medica and Therapeutics (Dentistry) ($\frac{3}{5}$), January 17-August 31, 1951, \$3000 a year, supersedes (1-25-51).
- MCCARTHY, PHILIP R., Circulation Assistant, Library, February 5-August 31, 1951, \$3000 a year (2-5-51).
- MCLEROY, ALBERT D., Research Assistant, Chemistry (Graduate College), one year beginning February 16, 1951, \$4200 (1-25-51).
- NAGEL, EDITH L., Assistant Professor, Social Welfare Administration, one year beginning September 1, 1950, \$5870, supersedes (1-22-51).
- NELSON, DOROTHY P. M., Instructor, Hygiene (Health Service), six months beginning February 1, 1951, to render service during the second semester of the academic year, \$3400 a year (2-8-51).
- NEWMARK, NATHAN M., Research Professor, Structural Engineering (Civil Engineering) (C) ($\frac{1}{3}$) and (S) ($\frac{2}{3}$), indefinite tenure beginning February 1, 1951, to render service during each academic year, \$11,000 a year, supersedes (2-6-51).
- O'MEARA, THOMAS R., Research Associate, Electrical Engineering (S) ($\frac{1}{2}$), seven months beginning February 1, 1951, \$2280 a year, supersedes (2-2-51).
- OVADIA, JEHUDA, Research Assistant, Physics (C), five months beginning February 1, 1951, \$270 a month (1-25-51).
- PATON, KATHARINE B., Commerce and Sociology Library Assistant, seven months beginning February 1, 1951, \$3000 a year (2-5-51).
- PEASLEY, MARY P., Library Assistant, Undergraduate Library, seven months beginning February 1, 1951, \$3000 a year (2-2-51).
- PETERSON, FRANK L., Research Assistant, Physics (C), eight months beginning January 1, 1951, \$4080 a year, supersedes (1-22-51).
- PRACYK, JOHN A., JR., Instructor, Admitting Clinic ($\frac{1}{2}$) and Full and Removable Partial Dentures ($\frac{1}{2}$) (Dentistry), seven months beginning February 1, 1951, \$4000 a year, supersedes (2-5-51).
- PURNELL, ISABELLE S., Research Assistant, Bureau of Economic and Business Research, February 1-June 15, 1951, to render service during the second semester of the academic year, \$1600 (2-8-51).
- RIESEN, DONALD E., Research Assistant, Physics (C), eight months beginning January 1, 1951, \$3900 a year, supersedes (1-22-51).
- ROBBINS, MARGARET A., Assistant, Business Management Service, full time, five months beginning February 1, 1951, and ($\frac{1}{2}$), two months beginning July 1, 1951, \$3200 a year, supersedes (1-17-51).
- SALOOM, JOSEPH A., Research Associate, Electrical Engineering (C) ($\frac{1}{2}$), seven months beginning February 1, 1951, \$1980 a year, supersedes (1-22-51).
- SAUPE, DONALD C., Assistant, Floriculture (Horticulture) (S), seven months beginning February 1, 1951, \$3060 a year (2-5-51).
- SCHLESSINGER, NATHAN, Assistant, Psychiatry (Medicine), one year beginning July 1, 1950, without salary (2-8-51).
- SKOLNIK, EMANUEL M., Instructor, Otolaryngology (Medicine) ($\frac{1}{2}$), and Otolaryngologist to the Cleft Palate Program (Division of Services for Crippled Children) ($\frac{3}{10}$), one year beginning September 1, 1950, \$3660, supersedes (2-3-51).
- SPROAT, ROBERT A., Instructor, Civil Engineering (C) ($\frac{1}{2}$), six months beginning March 1, 1951, to render service during the second semester of the academic year, \$1700, supersedes (1-22-51).

- STEVENSON, MARIETTA, Professor, Social Welfare Administration, indefinite tenure, and Director, Division of Social Welfare Administration, one year, beginning September 1, 1950, \$9625, supersedes (1-22-51).
- SWANSON, EARL R., Instructor, Agricultural Economics (C) ($\frac{1}{2}$), to render service during the second semester of the academic year, and (S) ($\frac{1}{2}$), seven months beginning February 1, 1951, \$4667 a year, supersedes (1-31-51).
- TUNG, TIE PAO, Research Assistant, Civil Engineering (S), seven months beginning February 1, 1951, \$3900 a year, supersedes (2-8-51).
- VEST, EUGENE B., Associate Professor, English, indefinite tenure, and Acting Chairman of the Division of Humanities (Undergraduate Division in Chicago), nine months, beginning December 1, 1950, to render service during each academic year, \$7000 a year, supersedes (1-22-51).
- VIEST, IVAN M., Research Associate, Theoretical and Applied Mechanics (S), seven months beginning February 1, 1951, \$4500 a year, supersedes (2-2-51).
- WIER, JOSEPH M., Research Assistant, Electronic Digital Computer (Graduate College), seven months beginning February 1, 1951, \$3960 a year, supersedes (1-24-51).
- WINTER, DEAN W., Assistant, Agricultural Engineering (S), seven months beginning February 1, 1951, \$3900 a year, supersedes (2-8-51).
- WOOD, EDWIN S., Assistant, Ophthalmology (Medicine), September 15, 1950-June 30, 1951, without salary (2-8-51).
- ZIMMERMAN, WILLIAM F., Research Assistant, Ceramic Engineering (S), seven months beginning February 1, 1951, \$3900 a year, supersedes (2-2-51).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- COX, JOHN E., Lakefield Nepheline Syenite Fellow, Ceramic Engineering, February 1-June 15, 1951, and September 16, 1951-January 31, 1952, \$1400 (1-16-51).
- GODEJAHN, GORDON C., JR., Edward Orton Jr. Fellow, Ceramic Engineering, February 1-June 15, 1951, \$500 (1-16-51).
- TAYLOR, BABETTE, Postdoctoral Fellow, Bacteriology, two months beginning January 1, 1951, \$600 (1-16-51).

RESIGNATIONS

- AMBROSE, ROBERT H., Assistant, Surgery (Rush) (Medicine) — resignation effective 10-1-50.
- BERMAN, EDWARD J., Assistant, Surgery (Rush) (Medicine) — resignation effective 1-1-51.
- BOLAND, PATRICIA J., Research Assistant, Physics (C) — resignation effective 1-31-51.
- BRENNAN, LAWRENCE E., Research Associate, Electrical Engineering (S) — resignation effective 1-20-51.
- BURR, CORNELIA C., Instructor, Nursery School (Division of Special Services for War Veterans) — resignation effective 2-28-51.
- CHIANG, SHIH-NGANG, Fellow, Chemical Engineering — resignation effective 2-1-51.
- COLE, IRA W., Assistant to the Director of the School of Journalism and Communications, and Counselor, Student Counseling Bureau — resignation effective 3-1-51.
- COME, LOIS B., Research Assistant, Medicine (Medicine) — resignation effective 2-1-51.
- CONWAY, WILLIAM J., JR., Instructor, Civil Engineering (C) — resignation effective 1-1-51.
- CUSHMAN, JOHN R., Fellow, Mechanical Engineering — resignation effective 2-1-51.
- FAHEY, JOHN J., Associate Professor, Orthopaedic Surgery (Medicine) — resignation effective 2-1-51.
- FORREST, EARL A., JR., Bibliographer, with the rank of Instructor, in the Library — resignation effective 2-1-51.
- FUMI, FAUSTO G., Research Associate, Physics (Graduate College) — resignation effective 1-27-51.
- GIBSON, GLENN G., Clinical Instructor, Pediatrics (Medicine) — resignation effective 12-7-50.
- HACK, RUDOLF W., Assistant, Obstetrics and Gynecology (Medicine) — resignation effective 1-1-51.

- HALSEY, JAMES F., Research Assistant Professor, Fluid Mechanics (Theoretical and Applied Mechanics) (S) — resignation effective 2-15-51.
- HILL, BERNARD W., Instructor, Mechanical Engineering (C) — resignation effective 3-1-51.
- HILL, EDWARD J., JR., Clinical Assistant, Surgery (Medicine) — resignation effective 1-1-51.
- JACOBOWITZ, HERMAN, Fellow, Electrical Engineering — resignation effective 2-1-51.
- JOHNSON, FRANK R., Assistant, Surgery (Rush) (Medicine) — resignation effective 7-1-50.
- KIRK, SHERWOOD, Circulation Assistant, Library — resignation effective 2-5-51.
- KNOELL, JOHN D., JR., Instructor, Business Law (Business Organization and Operation) — resignation effective 3-1-51.
- KULP, DONALD A., Assistant, Forest Utilization (Forestry) (S) — resignation effective 2-28-51.
- MASSIE, GLEN E., Assistant, Forestry (S) — resignation effective 2-28-51.
- MCDUGAL, THOMAS C., Clinical Assistant, Obstetrics and Gynecology (Medicine) — resignation effective 9-1-50.
- McLAUGHLIN, JOHN R., Assistant, Obstetrics and Gynecology (Medicine) — resignation effective 1-1-51.
- MORTLAND, MAX M., First Assistant, Soil Physics (Agronomy) (S) — resignation effective 3-1-51.
- NEWELL, GORDON F., Postdoctoral Fellow, Physics — resignation effective 1-15-51.
- PETERSON, FRANK L., Research Assistant, Physics (C) — resignation effective 1-31-51.
- PLACEK, CHESTER, Research Assistant, Physiology (Medicine) — resignation effective 1-20-51.
- POLK, IRL H., Supervising Engineer, Institute of Aviation — resignation effective 2-1-51.
- RIEGER, IRWIN T., Instructor, Urology (Rush) (Medicine) — resignation effective 11-1-50.
- RIESEN, DONALD E., Research Assistant, Physics (C) — resignation effective 1-31-51.
- SANDSTROM, GLENN A., Assistant, English — resignation effective 2-1-51.
- SCHROEDER, MRS. PATRICIA B., Research Assistant, Chemistry (Graduate College) — resignation effective 2-15-51.
- SCOTT, MERRILL B., Fellow, Physics — resignation effective 2-1-51.
- SHUTTLEWORTH, ROY, Research Associate, Physics (C) — resignation effective 2-10-51.
- STIKA, EDWARD A., Assistant, Surgery (Rush) (Medicine) — resignation effective 1-1-51.
- STONE, PHILIP I., Instructor, Mechanical Engineering (C) — resignation effective 2-28-51.
- TOMLINSON, MARY E., Catalog Librarian, with the rank of Instructor (Undergraduate Division in Chicago) — resignation effective 3-15-51.
- TOPPING, ALANSON D., Instructor, Theoretical and Applied Mechanics (C) — resignation effective 3-1-51.
- TUCKER, JOHN L., Instructor, Labor and Industrial Relations (University Extension) and (Institute of Labor and Industrial Relations) — resignation effective 3-1-51.
- WALLING, MARY LOU, Research Assistant, Bureau of Economic and Business Research — resignation effective 2-15-51.
- WARZAK, BERNARD J., Instructor, Admitting Clinic (Dentistry) — resignation effective 1-1-51.
- WEISS, KENNETH S., Assistant, Surgery (Medicine) — resignation effective 1-1-51.
- WOOD, MRS. CORDILL H., Instructor, Mental Hygiene, and Clinical Psychotherapist (Health Service) — resignation effective 2-1-51.

LEAVES OF ABSENCE

- CALLOWAY, NATHANIEL O., Clinical Assistant Professor, Medicine (Medicine) — leave of absence, without salary, February 16, 1951, and continuing until the end of the academic year, or until prior release from the Army.

- DALLENBACH, FREDERICK D., Assistant, Pathology (Medicine) — leave of absence, without salary, December 31, 1950-June 30, 1951, for military service.
- DANGERFIELD, ROYDEN, Professor, Political Science, and Director, Institute of Government and Public Affairs — leave of absence, without salary, January 22-February 10, 1951, for special services to the ECA.
- DAWN, C. ERNEST, Instructor, History — leave of absence, without salary, March 1-August 31, 1951, for military service.
- DEMERS, EDWARD F., Assistant Professor, Electrical Engineering (C) — leave of absence, without salary, March 1-August 31, 1951, for development work on an electronic device related to national defense.
- FALLS, JOHN L., Assistant, Obstetrics and Gynecology (Medicine) — leave of absence, without salary, October 1, 1951, for military service.
- HOWARD, H. CARLTON, Assistant, Ophthalmology (Medicine) — leave of absence, without salary, November 1, 1950, and continuing until the end of the academic year, or until prior release from the Army.
- LAWSON, LAWRENCE J., JR., Assistant, Ophthalmology (Medicine) — leave of absence, without salary, December 1, 1950-August 31, 1951, for military service.
- LEWIS, GEORGE K., Clinical Assistant Professor, Otolaryngology (Medicine) — leave of absence, without salary, September 15, 1950-August 31, 1951, for military service.
- MARCUS, E. ELIZABETH PAINTER, Assistant Professor, Physiology (Medicine) — leave of absence, with salary, March 11-April 30, 1951.
- NORDSIECK, ARNOLD T., Professor, Physics (C) — leave of absence, without salary, March 1-August 31, 1951, for the purpose of joining a U. S. Navy project at the Marine Physical Laboratory, San Diego, California.
- OTTERSON, PEDER A., Assistant, Institute of Aviation — leave of absence, with salary, January 26-February 9, 1951, for mobilization training at Chanute Field.
- TANNER, MACK C., Instructor, Operative Dentistry (Dentistry) — leave of absence, without salary, February 1, 1951, and continuing until the end of the academic year, or until prior release from the Army.
- VAN CLEAVE, HARLEY J., Research Professor, Zoology — leave of absence, with salary, January 1-February 11, 1951, because of illness.
- WITTER, RALPH E., Assistant Professor, Veterinary Clinical Medicine (Veterinary Medicine) — leave of absence, with salary, three months beginning February 1, 1951, due to illness.
- WOOD, WILLIS A., Assistant Professor, Dairy Bacteriology (Dairy Science) (C & S) — leave of absence, with salary, two months beginning June 15, 1951, for study at the Brookhaven National Laboratories, Upton, New York.

DEGREES CONFERRED FEBRUARY 11, 1951

Summary

Degrees in the Graduate College:

Doctor of Philosophy.....	43
Doctor of Education.....	1
Master of Education.....	3
Master of Social Work.....	2
Master of Arts.....	75
Master of Science.....	242
Master of Fine Arts.....	3
Master of Music.....	1
<i>Total, Graduate College.....</i>	<i>(370)</i>

Degrees in Law:

Bachelor of Science.....	7
Bachelor of Laws.....	19
Doctor of Law.....	4
<i>Total, Law.....</i>	<i>(30)</i>

Baccalaureate Degrees:

Bachelor of Science, College of Agriculture	112
Bachelor of Science, College of Engineering	328
Bachelor of Arts, College of Liberal Arts and Sciences	130
Bachelor of Science, College of Liberal Arts and Sciences	128
Bachelor of Science, Library School	2
Bachelor of Science, College of Education	61
Bachelor of Science, College of Commerce and Business Administration	158
Bachelor of Science, School of Journalism and Communications	35
Bachelor of Science, College of Fine and Applied Arts	75
Bachelor of Fine Arts, College of Fine and Applied Arts	18
Bachelor of Music, College of Fine and Applied Arts	4
Bachelor of Science, School of Physical Education	27
Bachelor of Science, Division of Special Services for War Veterans	141
<i>Total, Baccalaureate Degrees</i>	<i>(1,219)</i>
<i>Total, Degrees Conferred</i>	<i>1,619</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Agricultural Economics

WARREN EUGENE COLLINS, B.S., Western Kentucky State Teachers College, 1947; M.S., 1948

In Animal Science

JAMES EDWARD CORBIN, B.S., M.S., University of Kentucky, 1943, 1947
FRED ALBERT DOBBINS, B.S., Virginia Polytechnic Institute, 1937; M.S., Iowa State College, 1939

In Bacteriology

HERBERT MORITZ HIRSCH, B.S., M.S., 1947, 1949
HALLECK BURKETT WARREN, JR., B.S., St. Louis University, 1943; M.S., 1949

In Chemistry

EDWARD FAITH ELSLAGER, B.S., James Millikin University, 1947; M.S., 1948
KARL FREDRICH HEUMANN, B.S., M.S., Iowa State College, 1942, 1943
CHARLES JOHN HOFFMAN, B.S., Case School of Applied Science, 1942; M.S., 1948
RAYMOND HARDING MATTSON, B.S., University of Michigan, 1943
MACK HAROLD MCCORMICK, B.S., University of Kansas, 1948
JANET BROOKS PETERSON, B.S., University of Michigan, 1945; A.M., 1948
EDWARD FRANCIS CHARLES RIENER, B.S., Ursinus College, 1947; M.S., 1948

In Civil Engineering

TUNG AU, B.S., St. John's University, 1943; M.S., 1948
PING-CHUN WANG, B.S., National Central University, 1943; M.S., 1948
CHIH-FANG WEI, B.S., St. John's University, 1945; M.S., 1948

In Economics

WILLIAM RALBERT BENNETT, A.B., Birmingham-Southern College, 1939; M.B.A., Louisiana State University, 1947
THOMAS CLINTON COBB, B.S., 1941; M.S., Miami University, 1947
JAMES ROBERT MADDOX, B.S., A.M., 1942, 1943
JAMES PRESTON PAYNE, JR., A.B., William Jewell College, 1942; A.M., Oklahoma Agricultural and Mechanical College, 1948

In Education

ARTHUR JOHN HOEHN, B.S., M.S., 1940, 1947

In Electrical Engineering

LAWRENCE EDWARD BRENNAN, B.S., M.S., 1948, 1949
YATES MICHEL HILL, B.S., United States Military Academy, 1942; M.S., 1949

HENRY PETER MESSINGER, B.S., Oklahoma Agricultural and Mechanical College, 1943; M.S., Illinois Institute of Technology, 1946
 HUNG SHIH WU, B.S., National Central University, 1942; M.S., University of Michigan, 1946

In English

CONSTANCE NICHOLAS, A.B., Carthage College, 1935; A.M., 1936

In Entomology

MURRAY IRVING COOPER, B.S., Cornell University, 1947; M.S., 1949
 EDWIN WALLACE KING, JR., B.S., University of Massachusetts, 1941; M.S., Virginia Polytechnic Institute, 1947
 SIEGFRIED ERIC LIENK, B.S., University of Idaho, 1942; M.S., 1947

In History

GILBERT CHARLES KOHLENBERG, A.B., Shurtleff College, 1940; A.M., Washington University, 1942
 LORAIN BEATRICE PABST, B.S., Eastern Illinois State College, 1945; A.M., 1948
 ROBERT COPLIN PUGH, A.B., Eureka College, 1940; A.M., 1941

In Horticulture

MAHMOUD ABDEL RAOUF TAYEL, B.S., Fouad I University, 1938; M.S., 1949

In Mechanical Engineering

GANPAT JAIWANTRAO KAMAT, B.S., University of Calcutta, 1943; B.Eng., University of Bombay, 1946; M.S., 1949

In Metallurgical Engineering

STANLEY LYALL CHANNON, B.Met.E., University of Melbourne, 1944; M.S., University of Utah, 1948

In Physico-Chemical Biology

HARRY CHARLES EHRLMANTRAUT, B.S., George Washington University, 1947; M.S., Georgetown University, 1948

In Physics

LAWRENCE HERMAN LANZL, B.S., Northwestern University, 1943; M.S., 1947
 RICHARD EDWIN NORBERG, A.B., DePauw University, 1943; A.M., 1947
 ALBERT JACKSON SAUR, B.S., Michigan State College, 1944; M.S., 1947
 MERRILL BLOOD SCOTT, B.S., M.S., 1946, 1949
 CHARLES JOEL TAYLOR, JR., B.S., M.S., 1940, 1947

In Psychology

ANTHONY ROBERT HYBL, B.S., M.S., 1946, 1948

In Theoretical and Applied Mechanics

CEVDET ALI ERZEN, B.S., M.S., 1941, 1942
 ALANSON DALE TOPPING, B.S., Purdue University, 1940; M.S., Missouri School of Mines, 1947

Degree of Doctor of Education

VERNON LOYAL REPLOGLE, B.S., M.S., 1929, 1934

Professional Degrees

Degree of Master of Education

KENNETH WILBUR ALLEN, B.Ed., Illinois State Normal University, 1937; M.S., 1946
 WILLIAM DAVID MASTERS, B.S., M.S., 1939, 1949
 RUTH MARIE PETERS, B.S., M.S., 1943, 1947

Degree of Master of Social Work

WALTER ROWLAND DELAMARTER, A.B., Greenville College, 1948
 ZELMA JUSTUS JOHNSON, B.S., Bradley University, 1930; A.M., Columbia University, 1936

Degree of Master of Arts

In Chemistry

WILLIAM GLADSTONE ROBINSON, JR., A.B., Vanderbilt University, 1949

In Economics

KUO-SUI CHANG, B.S., Great China University, 1947; M.S., 1950

MARY McLAUGHLIN GREEN, A.B., 1948

In Education

THOMAS JAMES BROWN, B.S., 1950

PHILIP DALE BUKER, A.B., Illinois Wesleyan University, 1942

JAMES WEIR MARTIN CAMPBELL, A.B., 1949

ROSE THELMA DAVIS, B.Ed., Western Illinois State College, 1939

DONALD CAMERON DuLANEY, B.S., 1949

RENEE BRICKNER FEINMAN, B.S., 1947

EDNA LEVINE GLASS, B.S., University of North Carolina, 1939

RICHARD TRUMAN HASELTON, B.S., Northern Illinois State Teachers College, 1946

ALVIN FLOYD HILL, B.S., 1937

GLORIA SWANSON HOUSTON, A.B., Lincoln University, 1943

JEANNE DOLORES KOFOED, A.B., 1946

AUGUST NELSON MADSEN, B.Ed., Illinois State Normal University, 1939

JAMES EDWARD MARTIN, A.B., 1949

MARY EMILY MINGER, A.B., Stowe Teachers College, 1945

MAX RUTTAN PANNEBAKER, B.Ed., Illinois State Normal University, 1946

LEONARD DAVID PARRISH, JR., A.B., Knox College, 1943

OLA MAE PERRY, A.B., Greenville College, 1945

VISTA GREENWOOD ROBERTS, A.B., Stowe Teachers College, 1932

SADIE LEAVERTON SABINE, B.S., Columbia University, 1931

EDWARD SCHWARTZ, JR., B.Ed., Eastern Illinois State College, 1941

DORIS WILHELMINA SHAVERS, A.B., Stowe Teachers College, 1948

RAYMOND EDDY TEMPLE, A.B., Illinois Wesleyan University, 1940

ASSUNTA TEODORI, B.Ed., Illinois State Normal University, 1937

HUBERT ALLAN TRIMBLE, A.B., Greenville College, 1948

BERNICE MARGARET WAGNER, A.B., James Millikin University, 1943

JAMES EDWIN WALTZ, JR., A.B., Illinois Wesleyan University, 1948

GRACE FLORETTA WATKINS, A.B., Wiley College, 1948

In English

JOHN EDWARD BELLAMY, A.B., Indiana State Teachers College, 1948

LEON ALBERT GOTTFRIED, A.B., 1948

PAUL EGIDIUS GRABILL, A.B., 1949

EDWARD JOHN HANSEN, B.S., 1950

ALLEN HAYMAN, A.B., Syracuse University, 1948

FORREST EARL HAZARD, A.B., 1948

FREDERICK DANIEL HIGHLAND, A.B., 1948

SIDNEY PHIL MOSS, B.S., 1950

DAVID RUDOLPH, B.S.S., College of the City of New York, 1938

BEVERLY ROSE SIMEK, A.B., University of Chicago, 1948

CLEM GEORGE WIEDMAN, B.S., Southern Illinois University, 1948

JOSEPH WENDELL ZIMMERMAN, B.S., M.S., 1948, 1949

In French

THOMAS EDWIN COMFORT, A.B., Northwestern University, 1943

In History

EDWARD BIENIECKI, B.S., 1949

ROBERT FINN ERICKSON, A.B., Cornell University, 1948

FRANK MAYO HODGSON, B.S., Southern Illinois University, 1949

VIRGINIA RUTH LAMANDIN, A.B., 1945

RALPH FILLMORE SMITH, A.B., Illinois College, 1948

WAYNE CALHOUN TEMPLE, A.B., 1949

In Labor and Industrial Relations

ROGER EDWIN HERLEAN, A.B., Knox College, 1949
 MELVIN HUMPHREY, B.S., 1948
 RAM NARAYAN RAO, B.S., University of Calcutta, 1936
 FLOYD ALVADA TURNER, B.S., University of Tulsa, 1949

In Mathematics

THOMAS BLANEY ELFE, JR., B.S., Georgia School of Technology, 1948; M.S., 1950
 JOSEPH HASHISAKI, A.B., University of Montana, 1940
 JOHN EDWARD HEISLER, JR., A.B., Miami University, 1949
 DONALD GORDON HIGMAN, A.B., University of British Columbia, 1949
 ROBERT LEFKER, B.S., 1950
 FRANK SALVATORE SCALORA, A.B., Harvard College, 1949

In Political Science

BETTY JANE DONNELL, A.B., George Washington University, 1945
 WILLIAM SPENCER HARDENBERGH, A.B., 1950
 HENRY H. JANSSEN, A.B., Central Wesleyan College, 1909; B.Ed., Illinois Normal University, 1910
 RUTH MINER, A.B., Knox College, 1949
 THOMAS EDWARD RICE, B.S., 1947
 EDWARD SHOU-TSU SU, LL.B., National Anhwei University, 1943; A.B., Fresno State College, 1950

In Psychology

CHESTER CHARLES COLLINS, Ph.B., Northwestern University, 1949
 GLADYS BLONSTEIN DANA, A.B., University of California, 1947
 JOHN HENRY DEMICHELE, B.S., 1948
 ELIZABETH ANN SEELY, A.B., 1949
 RICHARD EUGENE WIENKE, B.S., 1949

In Social Sciences

CHARLES NOAH CHERRY, A.B., 1949

In Sociology

JOHN WENDELL WALTON, B.S., Black Hills Teachers College, 1940

In Spanish

FRANCES ELAINE WINSTEAD GEORGE, A.B., 1948

In Speech

WALTER HEADEN DRAPER, A.B., 1937

In the Teaching of Social Studies

MILDRED DAVIS, A.B., Roosevelt College, 1949

Degree of Master of Science*In Accountancy*

HERBERT WARREN ALLEN, B.S., 1950
 AMATO FRANK BASILE, A.B., Pennsylvania State College, 1949

In Aeronautical Engineering

HERBERT FRANCIS BROWN, B.S., 1949
 HAROLD EDWARD FROEHLICH, B.S., University of Washington, 1946, 1949

In Agricultural Economics

GEOFFREY ARTHUR HISCOCKS, B.S., Reading University, 1946
 AUSTIN ELWOOD IDLEMAN, B.S., Eastern Illinois State College, 1949; B.S., 1950

In Agronomy

- WILLIAM ROBERT FORTNEY, B.S., 1949
WILLIAM EZEKIEL HUBER, B.S., 1950
KENNETH WAYNE MONTGOMERY, B.S., University of Michigan, 1949
JOHN WRYAS PENDLETON, B.S., University of Tennessee, 1948
MARVIN LODELL VINEYARD, B.S., 1950

In Animal Nutrition

- VENKATA CHALAM METTA, A.B., Nizam College, 1944; B.S., Madras Agricultural College, 1947
HARUO TSURU, B.Agt., Tokyo University, 1946

In Animal Science

- PAUL CHARLES OSTBY, B.S., 1950

In Architectural Engineering

- LONNIE OLLIE ADKINS, JR., B.S., Hampton Institute, 1948
MILTON BENJAMIN CURRY, B.S., Hampton Institute, 1947

In Architecture

- HERMON SYLVESTER DAVIS, JR., B.S., Hampton Institute, 1947
MARVIN MORTON MEYER, B.S., 1950
CHING-HSIAN WEI TSAI, B.S., National Central University, 1940

In Astronomy

- DAVID SUTPHIN HEESCHEN, B.S., 1949

In Bacteriology

- ARTHUR TETSUO YAHIRO, A.B., 1949
JOHN ALBERT YEATMAN, JR., B.S., 1942

In the Biological Sciences

- ANTHONY NUSBAUMER, B.S., Oregon State College, 1949
HELEN MARIE ROBACK, B.S., Clarion State Teachers College, 1943
BURTON ZEIGER, A.B., New York University, 1949

In Ceramic Engineering

- JOHN EDWARD COX, B.S., 1950
CHI FANG TUNG, B.S., National Tang-Shan Engineering College, 1947

In Ceramics

- MAYNARD PAUL BAULEKE, B.S., University of Alabama, 1949

In Chemical Engineering

- SHIH-NGANG CHIANG, B.S., National Wu-han University, 1944; M.S., 1949
RICHARD BURTON CUDDEBACK, B.S., University of Rochester, 1949
JAMES ELI KNAP, B.S., University of Colorado, 1949
JOHN ARTHUR PARKER, B.Ch.E., University of Virginia, 1949
RAYMOND JOHN PIKNA, B.S., 1949
ARNOLD PAUL SCHUELER, B.S., University of Delaware, 1948
DUANE RICHARD SKIDMORE, B.S., University of North Dakota, 1949

In Chemistry

- LAWRENCE HAROLD BROWN, A.B., Augustana College, 1948
JOHN PRESTON BULLARD, JR., B.S., 1949
JOHN VICTOR CLARKE, JR., B.S., Polytechnic Institute of Brooklyn, 1949
EUGENE EARL DEKKER, A.B., Calvin College, 1949
FRANK VERNON FAIR, B.S., Pennsylvania State College, 1949
JAMES EDWARD GINDLER, B.S., Eastern Illinois State College, 1950

DONALD RUSSELL HILL, B.S., Monmouth College, 1947
 MARY LOU KILLEY, B.S., College of St. Francis, 1949
 OWEN JOHN KOEPPE, A.B., Hope College, 1949
 ROBERT EDWARD LANGAN, B.S., St. Ambrose College, 1949
 DONALD WHELOCK LIERLE, B.S., Quincy College, 1949
 JAMES DONALD O'ROURKE, A.B., University of Nebraska, 1950
 ROBERT ALLEN OSTERYOUNG, B.S., Ohio University, 1949
 EMILE DESIRE PIERRON, B.S., M.S., Algiers University, 1939, 1946
 ARTHUR ALLAN SMUCKER, A.B., Goshen College, 1949
 MERLE LESLIE WINTERS, B.S., Northern Illinois State Teachers College, 1949
 DALE EARL WOERNER, B.S., Kansas State College, 1949

In City Planning

FREDERICK HENRI KAZLO, B.S., 1949

In Civil Engineering

ARTHUR CRESPO ANDREWS, JR., B.S., 1950
 WILLIAM KOHL BECKER, B.S., Washington University, 1949
 DAVID ALLEN DAY, B.C.E., Cornell University, 1945
 SAMUEL JOSEPH ERRERA, B.S., Rutgers University, 1949
 TAKASHI NAKAMURA, B.S., Michigan State College, 1949
 EMIN MEHMET OZGOR, B.S., 1949. (Degree awarded posthumously.)
 RICHARD HSIEN FENG PAO, B.S., St. John's University, 1949
 THOMAS JOHN REGAN, JR., B.C.E., Syracuse University, 1948
 STANLEY RODIN, B.S., Northampton Engineering College, 1944
 SABRI SAMI, B.S., Fouad I University, 1943
 ROBERT ALFRED SPROAT, B.S., 1944
 SERGIO LUIS TELLO, Civil Engineer, Central University, 1948
 ALVARO MATALLANA TRUJILLO, B.S., Universidad Nacional de Colombia, 1948

In Clinical Psychology

RICHARD HENRY DANA, III, A.B., Princeton University, 1949
 GEORGE WILLIAM FAIRWEATHER, B.S., Iowa State College, 1949
 MARY PATRICIA GOULD, A.B., University of Wisconsin, 1943
 GEORGIA ANN PAPPAS, A.B., DePauw University, 1949
 JEANNE ALICE POSLUSNY, A.B., University of Colorado, 1949
 IRVING SCHNAYER, A.B., Roosevelt College, 1948

In Dairy Science

ARI VANTIENHOVEN, Landbouwkundig Ingenieur, Landbouwhoogeschool Te Wageningen, 1949

In Dairy Technology

DONALD ROY MOORE, B.S., Michigan State College, 1949

In Economics

PAUL PETER BATTISTONI, JR., B.S., 1950

In Education

FERREL BARLOW ALLEN, B.S., 1947
 THEODORE EUGENE ANDERSON, JR., B.S., 1950
 JAMES ROSCOE BRIDGES, B.S., 1941
 EDWARD STANLEY BROWN, B.S., 1949
 JOHN OLIVER CEDARBURG, B.S., 1950
 JAMES RUSSELL CHANGNON, B.S., 1947
 CHARLES EDWARD CHAPPELEAR, B.S., Indiana State Teachers College, 1932
 COLLEEN WILLIAMS COOK, A.B., Stowe Teachers College, 1948
 EVERETT RONALD COON, B.Ed., Southern Illinois University, 1947
 VERLE EDWIN DAVID, B.Ed., Illinois State Normal University, 1939
 LUELLA MCCALL DAVIS, B.Ed., Southern Illinois University, 1938

CLARENCE VERNON DICKEY, B.S., 1948
 CHARLES RONALD ENDRESS, B.S., 1949
 OHREN NELSON FILE, B.S., Greenville College, 1939
 EDWIN ALWORTH GADDIS, B.S., University of Missouri, 1947
 OREN FRANCIS GILLESPIE, B.Ed., Southern Illinois University, 1937
 ARMSTEAD BETRAND GREEN, B.S., Lincoln University, 1932
 MYRON DELBERT GREEN, B.S., 1935
 WALSER EUGENE HARMS, B.Ed., Eastern Illinois State College, 1940
 ERNESTYNE HOLLAND HARRISON, B.S., 1949
 JOHN HERMAN HERBST, B.S., 1942
 WILLIAM RUSSELL HORNBAKER, B.S., 1950
 DALE EVERETT HORTIN, A.B., McKendree College, 1939
 ALBERTA PAULINE JOHNSON, B.S., Southern Illinois University, 1945
 DEAN FRANKLIN JOHNSON, B.S., 1949
 MARJORIE MAXINE JOHNSON, B.S., Illinois State Normal University, 1945
 GENEVA MILLARD JONES, A.B., MacMurray College for Women, 1933
 HUGH EARL JONES, B.S., Indiana State Teachers College, 1947
 BETTE RABITO JUNGELS, B.S., Northern Illinois State Teachers College, 1947
 FRANK WILLIAM KIMPLING, Jr., B.S., 1950
 LAWRENCE ROBERT LAROCHE, B.S., Worcester Polytechnic Institute, 1934
 BERYL BROOKS LECOUNT, B.S., Eastern Illinois State College, 1947
 JAMES LESTER LEMING, B.S., 1947
 MILTON FRANCIS LEMMONS, B.S., Lincoln University, 1946
 SYLVESTER LONG, B.Ed., Illinois State Normal University, 1940
 FRANK TAYLOR LYERSON, B.S., Lincoln University, 1936
 JOHN A. MARR, B.Ed., Western Illinois State College, 1943
 EDWIN KEITH MCGUIRE, B.S., 1937
 MARSHALL OLIN MCMULLIN, B.S., 1930
 RACHEL NAOMI MEANS, B.S., 1939
 AUGUST LYNN OLSON, A.B., 1950
 THOMAS HEEBNER PERRY, B.S., Greenville College, 1948
 PAUL BRADFORD PHINNEY, B.S., 1948
 PIERCE OWEN PICKENS, B.S., 1949
 DONALD ROBERT PINDER, B.S., Illinois State Normal University, 1946
 OWEN ERNEST PITTENGER, B.S., George Williams College, 1949
 FRED ALBERT RIDDLE, B.S., University of Missouri, 1946
 JOHN DALE ROBERTS, B.S., James Millikin University, 1933
 ESTELLE MARIE SCHOLL, B.Ed., Illinois State Normal University, 1942
 WARREN STEWART SIMPSON, B.S., Southern Illinois University, 1947
 ELBERT LOWELL SONGER, B.Ed., Southern Illinois University, 1941
 ROBERT LEE STRANGE, B.S., 1950
 RICHARD FRANCIS TONIGAN, B.S., 1950
 FLORENCE CATHERINE VENTLER, B.Ed., Illinois State Normal University, 1940
 MARION AMERICO VERTON, B.S., 1942
 WILLIS HENRY WEBER, B.S., Eastern Illinois State College, 1948

In Electrical Engineering

EL-SAYED MOHAMED MUNIR AZZOUZ, B.S., Fouad I University, 1947
 JOSEPH ANTON BARKSON, B.S., University of Michigan, 1925
 KENNETH ROBERT BRUNN, B.S., 1949
 ROGER WILLIAM BURTNESSE, B.S., 1946; A.B., St. Olaf College, 1947
 RAYMOND CLAIRE DELICATH, B.S., 1948
 EDWARD FRANCIS DEMERS, B.S., 1942
 FLOYD DUNN, B.S., 1949
 VERNON LODGE LARROWE, B.S., University of Kansas, 1950
 SOL MANN, B.S., 1950
 IRVIN ROBERTS MCCLINTOCK, B.S., 1949
 FRANK MARTIN PELTESON, B.E.E., Ohio State University, 1949
 VIRGAL LEONARD SCHAD, Jr., B.S., 1950
 RALPH EDWIN WESTERN, B.S., South Dakota State College, 1949

In Entomology

ROSS TAYLOR BELL, A.B., 1949
ABDEL-LATIF AMIN EL-DEEB, B.S., Fouad I University, 1937
NORMAN GANNON, B.S., 1949
WILLIAM HENRY LUCKMANN, B.S., University of Missouri, 1949
SHIRLEY SHERMAN STATLER, B.S., Iowa Wesleyan College, 1949

In Geography

HENRY EUGENE NOWICKI, B.S., 1949
GEORGE ALFRED RHEUMER, A.B., University of British Columbia, 1948
DONALD LEE WILLS, B.S., 1949

In Geology

DONALD CARL BALDWIN, B.S., 1949
JACK DOLPH FOSTER, B.S., Missouri School of Mines, 1949

In Home Economics

HELEN MARIE HAWTHORNE, B.S., 1947

In Home Economics Education

MARIETTA McDONALD DIERSTEIN, B.S., 1950
ELISE AUGUSTA KIESEL, B.S., Iowa State College, 1946
EVELYN IRENE ROUNER, A.B., University of Iowa, 1945

In Horticulture

KENNETH EDWIN BELL, B.S., Kansas State College, 1949
VIVIAN MARY OSTBOE, B.S., 1949

In Journalism

CURTIS ROBERT BURAU, B.S., 1949
HELEN NADINE HINCHMAN, B.S., A.B., Miami University, 1948, 1950
MARY ANGELA MCCLORY, A.B., St. Mary-of-the-Woods College, 1939

In Library Science

VIVIAN MARIE BALLEW, B.S., Missouri State College for Women, 1949
HENRY LEWIS BUZZARD, A.B., Wabash College, 1946; A.M., Clark University, 1949
ANNA ELIZABETH CASH, A.B., University of Richmond (Virginia), 1928
RAYMOND GUSTAVE ERBES, JR., B.S., 1948
RAY ELIJAH HOWSER, A.B., 1949
JAMES LAWRENCE JONES, B.S., University of Wisconsin, 1949
KATHRYN LOUISE LUTHER, A.B., B.S.(L.S.), 1944, 1948
PHILIP RAYMOND MCCARTHY, B.S., St. Thomas College, 1948
SARAH MARGARET MORAN, A.B., Northwestern University, 1930; B.S.(L.S.), 1943
THELMA KEOGH O'DONNELL, B.S., University of Minnesota, 1940
ANN KATHRYN OLLER, A.B., Juniata College, 1938; B.S.(L.S.), Drexel Institute of Technology, 1939
MARY PATRICIA PEASLEY, A.B., Monmouth College, 1949
RONALD LEON ROBERTS, B.Mus., Illinois Wesleyan University, 1936; B.S., 1942
CHARLES CONWAY THARP, B.S., Southwestern Missouri State College, 1948
MARIAN ELIZABETH YOUNG, B.S., Purdue University, 1948

In Management

THOMAS WILLIAM ARMESY, B.S., University of Akron, 1950
HOMER LEE CROUSE, B.S., 1948
MAURICE DEAN OTT, B.S., 1950
FREDERICK PRESCOTT SEYMOUR, JR., B.S., Cornell University, 1948

In Marketing

JEROME THEODORE HANKIN, B.S., 1950
RICHARD SNYDER, B.S., 1947

In Mathematics

HAROLD ANTHONY BOHNEBERG, B.S., 1948
EDWARD RALPH BOWER, B.S., M.S., 1945, 1947
JOHN CLETUS MCATEE, B.S., 1950
ROBERT WESLEY SLOAN, B.S., United States Naval Academy, 1946
HERBERT SOLOMON WOLF, B.S., 1949

In Mechanical Engineering

FARUK ZIHNI AKYOL, B.S., University of Tennessee, 1949
JAMES WILMER BAYNE, B.S., 1946
MOHAMED ALAELDIN EL-HIFNI, B.S., Farouk I University, 1948
HSIEH-SEN (SHENG) FAN, B.S., Central University, 1938
ALFRED EDWARD NOREEN, B.S., University of Washington, 1945
BERNARD ALFRED PESKIN, B.S., 1949
CHARLES RICHARD REMKE, B.S., 1947

In Metallurgical Engineering

ROY MATTHEW BRODNICK, B.S., 1949
FRANK COUSINS PERKINS, B.S., 1949
HARRISON CLEAVELAND TURNER, B.S., 1949

In Music Education

RUSSEL ALTON CRIDER, B.S., Lincoln University, 1950
WILLIE RAY SMITH, JR., B.S., Lincoln University, 1950
WILLIS EMMETTE SMITH, B.Ed., Northern Illinois State Teachers College, 1938;
B.Mus., Illinois Wesleyan University, 1944
ARTHUR STANLEY WASIK, B.S., DePaul University, 1949

In Physics

JOSEPH FELIX ASCHNER, B.S., University of Chicago, 1943
JOHN PATRICK BARRY, B.S., Fordham University, 1949
DANIEL NEWSON BESHES, B.S., Swarthmore College, 1949
HENRY VICTOR BOHM, A.B., Harvard University, 1950
JOHN CHARLES BUCHTA, A.B., University of Minnesota, 1949
MARCIA ALDEN DOOLITTLE, A.B., Mt. Holyoke College, 1949
ARTHUR EBERSTEIN, B.S., Illinois Institute of Technology, 1950
PAUL DONALD EDWARDS, A.B., Hastings College, 1949
JAMES ELROY LEISS, B.S., Case Institute of Technology, 1949
JOHN HOLMES MALMBERG, B.S., Illinois State Normal University, 1949
MARILYN HOOPES McKEOWN, A.B., Wellesley University, 1947
ERVIN LEONARD PIPER, B.S., Case Institute of Technology, 1949
CLARENCE ARTHUR POXON, B.S., University of Houston, 1947
ROBERT ALAN REITZ, B.S., Case Institute of Technology, 1949
JACK ROSEN, B.S., University of Chicago, 1949
FREDA FRIEDMAN SALZMAN, A.B., Brooklyn College, 1949
GEORGE SALZMAN, B.S., Brooklyn College, 1949
FRANK SCHROEDER, JR., B.S., 1949
GORDON ALEXANDER SHIFRIN, B.S., University of Wisconsin, 1945
WILLIAM THOMAS STRATTON, JR., B.S., University of Chicago, 1949
KENNETH JAMES TEEGARDEN, A.B., B.S., University of Chicago, 1947, 1950
WILLIS ORIE UNRUH, B.S., Kansas State College, 1949

In Physiology

MARVIN HERBERT GOLDBLATT, B.S., 1949
IRA JAY LIGHTON, Ph.B., University of Chicago, 1947; B.S., 1950
WARD WILFRED MOORE, A.B., 1948
JAMES WILLIAM OSBORNE, B.S., 1949

In Plant Pathology

LOUIS BERAHA, B.S., Cornell University, 1949

In Sanitary Engineering

RAYMOND BENTON PLUMMER, B.S., 1928

In the Teaching of Biological Sciences and General Science

GEORGE FRANCIS SHOUSE, B.S., Culver Stockton College, 1943

In Theoretical and Applied Mechanics

BLAINE WRIGHT ANDERSEN, B.S., University of Utah, 1949

ROLAND JOHN BENJAMIN, B.S., 1950

In Zoology

THELMA BROOKS, B.S., 1950

IRWIN LESTER FIRSCHEIN, A.B., University of Kansas, 1949

JULIUS SIDNEY GREENSTEIN, A.B., Clark University, 1948

JEROME OLDRICH KRIVANEK, B.S., 1948

CHARLES ALBERT McLAUGHLIN, B.S., 1949

RICHARD NORMAN ROSSAN, B.S., 1949

DIANE SANK, B.S., Long Island University, 1949

CHARLES MARTIN WEISE, B.S., Ohio University, 1950

Degree of Master of Fine Arts*In Art Education*

JOHN WILBUR ERICKSON, B.S., B.F.A., 1941, 1947

In Painting

ELIZABETH TURNER ALLEN, B.F.A., 1947

MARTHA MORGAN LUZZI, B.F.A., 1949

Degree of Master of Music

MAY CATHERINE MESSMANN, B.Mus., 1949

COLLEGE OF LAW**Degree of Bachelor of Science***In Law*

JOHN ALEXANDER ANDREOS

ROBERT LEE BUTLER

HARLAN HELLER

LESLIE THOMAS HOUSER

EUGENE SHELDON ROTH

BRUCE GORDON SIMMONS

HARRY WILLIAM SIMMS, JR.

Degree of Bachelor of Laws

ROBERT EVAN ADAMS, B.S., 1950

FREDERICK JOHN ADLER

WALTER EUGENE BILLERMAN, B.S., 1949

JAMES JAY FILES, B.S., 1949

ROY DELBERT GRUNNET, B.S., 1949

PAUL THOMAS KNOBLOCK, B.S., 1949

WILLIAM KOKONTIS, B.S., 1949

DONALD JAMES KORKOWSKI, B.S., 1949

OWEN DONALD LIERMAN

DENNY JOSEPH MCGARRY, B.S., 1949

CLARENCE LEE NICHOLS, B.S., 1949

CARL ROBERT OHSE, A.B., North

Central College, 1948

ARTHUR MATTHEW PADELLA, B.S., 1949

SIDNEY EDWARD SMITH, B.S., 1948

BERNARD GLEN STUTLER, B.S., 1949

GEORGE MAURICE TWOMEY, B.S., 1949

WILLIAM CHARLES WELCH, B.S., 1949

STANLEY AYERS WELLER

CHARLES JOSEPH ZALOUDEK, B.S., 1936

Degree of Doctor of LawCHARLES IVAN HOPKINS, JR., B.S., 1949;
with HonorsCHRISTOPHER HENRY MUNCH, B.S.,
United States Military Academy,
1943; with Honors

JOHN SAMUEL RENDLEMAN, B.S., 1949

BURTON RICHARD RISSMAN, B.S., 1947;
with Honors

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

JAMES ANTHONY ADAMS
 JOHN FRANKLIN ALSIP, with Honors
 RAYMOND EDWARD ANDERSON
 DERWOOD EUGENE BAMMANN, with Honors
 CECIL ELMER BAYLOR
 KENNETH BURNELL BERGQUIST, with Honors
 LESLIE JAMES BLAIR
 DONALD LLOYD BRAKENSIEK
 FRANK RAY BREDAR
 JAMES BROOKS
 VIRGIL ATCHISON BUTLER
 DONALD EUGENE CHARLESWORTH
 DEAN LEE COPPERNOLL, with Honors
 HOWARD ERNEST COTTER
 JAMES CALDWELL CROWDUS, with High Honors
 GLENN WALTER CURL
 HARLEY BERYLE DAWSON
 ULDARICO ARTURO DIAZ
 DONALD WILLIAM DOLE
 CHARLES CLIFTON DUNCAN
 ALVIN BERNARD ELLIOTT
 JAMES KEITH ELLIOTT
 LOUIS MARTIN ENGELBRECHT
 JAY EDMONDSON FARR, JR.
 LEROY GLENN FENSTERMAN, with High Honors
 CLYDE RICHARD FILES
 JAY ALDEN FIRTH
 CARL EDGAR FOSTER
 GEORGE RAYMOND FRELK, with Honors
 DEAN CARTER GANSCHOW, with Highest Honors
 DAVID IVAN GATES
 CEDRIC MAYNARD GOWLER
 WILLIAM OSCAR HANCOCK
 GEORGE DEAN HASENMYER, with High Honors
 BOYD ALONZO HENRY
 GLENN AUDACE HERZBERGER
 DAVID ARMSTRONG HINTERMEISTER, with Honors
 GEORGE WHITTAKER HUDELSON
 BOYCE DAVIDSON HUMPHREYS, with Honors
 SYLE ARTHUR JAYNE
 LORIN KEITH JUMP, with Honors
 DEAN ERVIN KAMPER, with Honors
 CARL JOSEPH KENSIL
 EARL FREDERICK KILE
 ALVIN DEAN KOBERNUS

RUSSELL WESLEY KOSTER, with Honors
 JOSEPH WILLIAM KOWALSKI
 DODE GEORGE LANGHAM
 ARTHUR JUNIOR LAPPIN
 ROBERT LEO LUNNEMANN
 JOHN RICHARD MARSH
 KENNETH LEE MCILRATH
 WILLIAM ALBERT MCMAHON
 RUSSELL LOYAL MIGHELL
 ROBERT WARD MILLER
 CHARLES LESTER MINER
 MAX WALTER MOELLER, JR.
 ROBERT MAURICE MOORE
 RAYMOND IRVING MOWERS, with Honors
 ROBERT EMMETT MURPHY
 JAMES DAVID MYERS
 LEE OWEN OVERDORF
 JOHN WALTER PERO
 CARL EDWARD PFEIFFER
 PAUL EUGENE PITMAN
 ROBERT OMAR POLLEY
 WILLIAM ZANE POLLEY
 JAMES FRANCIS POWER, with Highest Honors
 RICHARD EARL PURDUE
 ROBERT GORDON QUIG
 SAMUEL BRADDOCK QUINCY
 ROBERT REED ROSENBURGH
 WILLIAM MICHAEL SAGER, with High Honors
 GENE BARINGER SCHERTZ
 ELMER GEORGE SCHUCHMANN, JR., with Honors
 JOHN THACKERAY SCOTT, JR., with Highest Honors
 ARTHUR WILBUR SEEDS
 JOHN GORDON SEMPLE
 THOMAS CLELIO SILVESTRINI
 DALE EUGENE SLIFER, with High Honors
 LEO PAUL SMITH
 JOHN COMMODORE SPARKS
 RICHARD LANPHERE SPEER, with Highest Honors
 RALPH NORMAN TAAKE, JR., with Highest Honors
 ALLAN LINCOLN UTECH, with Highest Honors
 GEORGE JERALD VACLAVEK
 WILLIAM DEAN WILNER
 RAYMOND BURNS WOODROW, JR.
 ROBERT GRISWOLD YOUNG

In Floriculture

CHARLES ALBERT NOVAK, JR.
 DONALD CONRAD SAUPE

TOMMY WAYNE SHEPHERD

In Food Technology

THEODORE WINCHESTER KENDALL

In Home Economics

EMILY ELEANOR BERKOS
DOROTHY ELIZABETH BOND, with
Honors
HENRIETTA LOUISE HOFFMAN
PEARL REA HUTSON, with Honors

ELLEN FUNK JACOBS
ANN SEARSON LAVENDER
KATHERINE JANE LEE
DULCENA PEARL PURVIS
NANCY LIL SVOBODA

In Home Economics Education

MARILYN GETZ BURNS
SHIRLEY MAE COX
DEVERA ELAINE FISHER
GILDA GARNET GLEIM, with Honors
RITA ANN KAPRAUN

DOLORES ELIZABETH LOPEZ
RUTH WINTERS NAUDZIUS, with High
Honors
BONNIE MAE PULS, with Honors
LOIS BAKER WILLOUGHBY

In Vocational Agriculture

ROTHELL DEAN BUZZARD, with Honors

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

WILLIAM OTTO ACKERMANN, Jr., with
High Honors
CHARLES EDWARD AUBERT
ROBERT BERNARD BENJAMIN
RALPH NORBERT BINGMAN, with High
Honors
ROBERT CLEM BOND
ROBERT HUGH BULLINGTON
STERLING ALEXANDER CAMPBELL
ROBERT FRANKLIN COOK

RICHARD ROBERT GOLD
LLOYD WINSLOW GROSS, with High
Honors
RICHARD DAVID HIGHTET
EMERY DALE LEFLER
JOHN MARKEL
PEER MASENG
JOSEPH THOMAS OSMANSKI
RICHARD HAROLD SELSTAD

In Agricultural Engineering

MAX DEAN ALBIN
JAMES REID BATEMAN
DONALD LLOYD BRAKENSIEK
HAROLD SAMUEL BRANDENBURG
LOUIS MARTIN ENGELBRECHT
RAYMOND EDWARD HOLTHE, with High
Honors
DEAN FRANKLIN HOPKINS, with Honors
MAX JAKOFSKY

FENTON J. KELLEY
JACK O'NEIL LEATHERS
WALTER DALE LEMBKE
RUSSELL LOYAL MIGHELL
CHARLES RAY MONKE, with Honors
RONALD EUGENE NEWMAN
ERROL DAVID RODDA, with High Honors
ROLAND EDWIN SHADDOCK
GEORGE VRIEND

In Ceramic Engineering

VINCENT NORBERT CUPIDRO
PETER EDWARD DUNN
MAGNUS LAIRD FROBERG
GORDON CHARLES GODEJAHN, JR.
THOMAS PATRICK GREANEY
WILLIAM RAYMOND THOMAS HAMPER

ROGER LEE HITZEMAN
JACK ALBERT MCQUILLAN
LEE ROY MULL
CARL EDWIN OSTERHOLTZ
URI PIMSTEIN
ROBERT JOHN ROTH

In Civil Engineering

ROGER DUANE ANDERSON
THADDEUS DUANE ASHWILL
ROBERT CHARLES BISCH
MARTIN MORRIS BLACHMAN
ROBERT HERMAN BLASIUS
YNGVE SIGVARD BLOOMQUIST
ERNEST ARTHUR BOULDING, Jr., with
Honors

AUSTIN JOSEPH BOYLE
DONALD EUGENE BRADFISCH
EDWIN RAY BREED
NATHAN GEORGE BRENNER, JR.
LAWRENCE ALGOT CARLSSON
BENNY LEE COCHRAN
BRISTOL CALVERT CONKLIN
LEROY RICHARD COREY

RICHARD CRAMER
 MELVIN HARRY DAVIS
 RALPH HERMAN DIX, with Honors
 PAUL GLENN DRAKE
 ALBERT DALE FAUST
 DEAN RUSSELL FELTON
 JACK EUGENE FINLEY
 LAWRENCE JOSEPH FRITZ
 CHARLES ALEXANDER FURTAK, JR.
 JAMES EARL GANG
 GLENN ALBERT GAREISS
 WILLIAM PATRICK GILLESPIE
 JOSEPH GUND GRAHAM, with Honors
 WALTER ALOYSIUS GROSS, JR.
 GEORGE PAUL GROTE
 DANIEL JOSEPH HANSON
 JOHN ARNOLD HEINEN
 ROBERT EARL HENRY
 HAROLD ELWIN HOFSTETTER
 JOHN WENDLE HUTCHINSON
 JOHN DAVID JESSEN
 DONALD DEWEY KAMPENGA
 HENRY JOSEPH KARPINSKI, with Honors
 BOBBY MAXSWANE KELL
 ROBERT CORNELIUS KENNEDY
 THOMAS DAVID LAKE
 HARLAN MAURICE LILLIE
 WALTER PAUL MADURA, JR.
 WILLIAM KEITH MARLATT

MULFORD MARTIN, JR.
 GORDON KENT NELSON, with Honors
 WARREN WAGNER OSBORN
 ADAM JEROME PIENITKA
 RUSSELL ROBERT ROELLIG, with High Honors
 VERNON CLAIRE ROSENBERY
 WILLIAM HAROLD RUDDY
 CHAMLONG SALIGUPTA
 JAMES ANTHONY SAMARTANO
 SALMAN SALEH HAKHAM SASSOON, with Honors
 DONALD HERMAN SCHNEPPER
 JAMES EDWARD SMILEY
 EDWARD A. C. STREED
 RALPH DEE SUTHERLAND
 JAMES FRANCIS TAVARES
 CHESTER MARK TAYLOR
 CHARLES LESTER THOMPSON, JR.
 FRED HANS TREPTE
 MILAN ANDREW VODICK
 HARRY RICHARD VON HUBEN
 JOHN MARION VOORHEIS
 WILBUR LEE WALKER
 GEORGE WILLIAM WELTER
 WILLARD WALTER WILLIAMS
 ROBERT LOUIS WINKELHAUS
 JOHN ROBERT WINTERROTH
 ALEXANDER EDWARD ZEDIALIS

In Electrical Engineering

FRED WILLIAM ABRAHAMS
 ARTHUR WINDELL ALEXANDER
 FRANK SUSUMU AOYAMA
 RALPH PETER ARENS
 WOLFGANG ALBERT BACHEM
 MARION WILLIAM BATY, with Honors
 ELLIOT BELL
 CARL WILLIAM BENEFIELD
 HOWARD FAY BENJAMIN
 DONALD BRUCE CHRISTMAN
 HAROLD GUY COHON
 ROBERT JOSEPH COSGROVE
 GEORGE WILLIAM COTTER
 RALPH ANGELO DEROSE, JR.
 FRANK DESIMONE, JR.
 PETER THOMAS ELLEW
 ROBERT EUGENE ELYEA
 PHILIP JAY ERLANSON
 HERBERT BEATTY FREY
 ARTHUR ARNOLD GRAMANN
 FRANK WILLIAM GREBNER, JR.
 ALVIN LEROY HART
 RICHARD GATHER HATFIELD
 FRED ROBERT HEINTZE
 ARTHUR QUENTIN HISLOP
 ROBERT ALAN JAROSS
 WILLIAM OAKES JOHNSON
 VAL STEPHEN JONES
 SYLVESTER BERNARD JOYCE
 ROBERT FRANCIS KANNEY
 MARVIN KLINGER

ELMER WILLIAM KUHLMANN, JR.
 EDWARD ALBERT LACHAPELLE
 ROBERT BRUCE LAUBE, with Honors
 KENNETH CALVIN LESLIE
 ROBERT GLENN LINDENAU
 WALTER WILLIAM LONG, with Honors
 SZEYEANG EDWARD LOU
 EDMUND LOZANO
 ALFRED MAKULEC
 PETER JOSEPH MAYER
 JAMES FRANCIS MAYS
 VAL GENE MCCLUSKY
 LOUIS MELCHER, JR.
 KENNETH WARREN MURRAY
 JAMES WILLIAM NAGLE
 MERTON JOHN OLIVER
 CARLOS RALPH OSBORN
 WILLIAM JOHN PAPPAS
 LUTHER SAMUEL PETERSON
 STANLEY FRANCIS PLAISANCE
 CHARLES LESTER POWELL
 LAURENCE LEE GERARD PRINDIVILLE
 OLIVER THOMAS PURL, with High Honors
 JOHN MATHIEW REINERT
 ARTHUR WIRTH REYNOLDS
 JOHN FREDERICK RIEGER
 IRVIN GLENN ROBERTS
 JOHN ROMANELLI
 JOSEPH PAUL ROSS
 ABE ROTTER

GILBERT FRANCIS SACCO
 GEORGE JOSEPH ST. ONGE
 ROBERT WINFIELD SEAVEY
 SEVERN JOHN SEREDA
 MITCHELL ALBERT SEREMAK
 FRANKLYN MERLE SHAPIRA
 JOHN DAVID SHORE
 RAYMOND JOSEPH SIMANDL
 JOHN WILLIAM SKOMAJSA
 WILLIAM HENNING STARK
 HARRY DELOS STEPHENS, JR.
 JESSE ROBERT STONE
 ROBERT JOHN THELEN
 EUGENE JOSEPH THURMAN, JR.
 JOHN CHARLES TIBBETS

EDWARD MORGAN TINK
 ROBERT BERNARD TOPPMAYER, with
 High Honors
 BERNARD RICHARD UTTICH
 RICHARD WHEELER VALENTINE
 ARNOLD JOSEPH VIENE
 EUGENE CARLTON WALDING
 ALBERT ROLLO WALTERS
 FRANK GWINN WARRICK, with Honors
 NORMAN PHILIP WEINHOUSE, with
 Honors
 PETER ADAMS WILLIS, with Honors
 HARRY JOSEPH WOJCIC
 EMIL WILLIAM WOLNIK
 LOUIS JOSEPH WUNDERLICH

In Engineering Physics

OLOF HERMAN LINDBERG
 EDWARD PAGE MEYER

GEORGE EDWARD MODESITT, with High
 Honors
 DAVID ROSENSTOCK

In General Engineering

ROBERT PAUL BOVEE
 DONALD MILTON BRAUGHT
 JAMES HAYDEN CHAPPEE
 THOMAS RICHARD DAVIS
 BERTIL GUSTAF JOHNSON

EDWIN ALBERT MCLEAN
 GEORGE JOHN MICHAEL
 RUSSELL HARRISON MILES, JR.
 JOHN DANIEL SOMMER
 MILTON ENNIS STABEN

In Mechanical Engineering

RICHARD WAYNE ADKINS, with Honors
 EARL BERNARD ANDERSON
 RALPH EDWARD ANDERSON
 JEROME JOSEPH BAUBKUS
 ROBERT LEONARD BAXA
 DWIGHT RILEY BEARD
 ROBERT LYNN BEARDMORE
 MERWYN EDWARD BECKER
 HERBERT SAMUEL BISTRITZ
 JOHN READ BROOKS
 EDWIN JAY BUSH
 ROY WALTER CARLSEN
 JOHN ALBERT CLARK, JR.
 THOMAS PAUL COSGROVE
 KENNETH JOHN COUGHLIN, with High
 Honors
 RUSSELL CARL DAHL
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 LEVENTE DE WARGA
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 CHARLES FRANCIS FAILS, with Honors
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 ABRAHAM SAMUEL FENSTER
 EUGENE ALBERT FLUDER
 HOWARD GLENN FOELL
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 ORVILLE ARNOLD JONES, with Honors
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HELEN BARBARA ALLAWAY

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VIOLA VAITULONIS
NANCY VERN VAN BERSCHOT
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LOIS SHIRLEY KORNBILTH

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STANLEY GORMAN COATES WILLIAM RAY JACKSON

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SHIRLEY A. ALDOUS, with Highest Honors GEORGE LAWRENCE LARSON

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In Library Science

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COLLEGE OF EDUCATION

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ROBERTA BLOOM
ALAN GENE BRUMBACK, with Honors
in Education and in Mathematics
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GLORIA JEAN BURNS
RAYMOND EDWARD CHRISTIAN
JEAN MACRAE CRANE
LOREN E. DECKER, with Honors in
Education
KENNETH HARLAN DEYONG
ROBELEYE TRUMBO DUNGY
RUSSELL DEAN EATON
ZELLA MARCIA EIDIN
MARGARET EGALNICK
JO ANNE FISHERKELLER
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MARLOWE JAMES HARTZER
WILLIAM ROBERT HEDGCOCK
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Education
IRENE ELIZABETH HOLMES
EDITH BRENTS LUNDY HOYT

FERN MARCELLA KAFFEL
IRENE KANELLOS
BERTELLE JOAN KAUFMAN, with
Honors in Education
MARJORIE KRAMER, with Honors in
Education
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Education
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JANE LEE SIGWALT
JEAN SNITOVSKY, with Honors in
Education
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OLIVER PERRY STUFFLEBEAM

DOROTHY LOIS SUMPTION, with Honors in Education	NELLIE MAE WEBER
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JOANN ELIZABETH TILROE, with Honors in History	RUTH HELEN WOLFF
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In Industrial Education

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ELMER EUGENE MORGAN	
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COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

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ALBERT FREDERICK BIRCH	RAYMOND EDWARD PATCHETT
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MARTIN JOHN BLEEKER	FLOYD ALFRED PETERSON
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IRVING ESKOZ	SHELDON WASSERMAN
MARILYN LAJUNE HOLMES	MARION DOROTHY WEISS
DALE MAURICE HOUMES	PHILIP EDWARD WORACK
ROBERT HENRY JONES	RALPH EDGAR YOUNG

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JOSEPH JAMES SOWERS	

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MARVIN KENNETH EYSTER, with High Honors	PETER GEORGE SIGALOS

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SIDNEY BENNY RAND

In Commerce and Law

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DOUGLAS EYER HAGER	WILLIAM RAY KESLER, with Honors
NEIL LYMAN HOBBS, with Honors	ROBERT MCCLURE
THOMAS KING HOSTETLER	

In Commercial Teaching

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RICHARD ARTHUR ERLEY, with Honors	ROBERT THOMAS PETREY
STANLEY CHARLES GOLDER	KEITH PFULB SISSON
SYLVIA VIRGINIA HALL	LEONARD TED WEINSTEIN
ROBERT DAVID JOHNSON	

In Industrial Administration

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FREDERIC WILLIAM GALKA, JR.
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EDWARD Y. MOY
GORDON DAVID SCHUBERT
JOHN RAYMOND TRIPI

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JAMES LUTHER AMBROSE
LESTER HAROLD BERKSON
PAUL LEROY BEST
ROBERT WILLIAM BLODGETT
NEIL VINCENT CALDWELL
WILLIAM LAWRENCE CAVANAUGH
RAYMOND ROBERT DELACH
LEVERT LEE FILLINGIM
PHILLIP THOMAS GREENBERG
ROBERT EMILE HUBER
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JOHN JACKSON, with Honors

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FRED MARTIN RIMERMAN
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JULIUS FRANK SAMBO
MARSHALL FRANCIS SMITH
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RUDOLPH VALENTINO VENTURONI
WILLIAM EUGENE WESTERBECK, with
Honors
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DANIEL PHILIP COHEN
EUGENE ROBERT COLBERT
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WANDA FUGATE TURNER
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MERLE GOODMAN
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Honors
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SCHOOL OF JOURNALISM AND COMMUNICATIONS

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 ROSEMARY JEAN CAMPBELL
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 GILDA MAE GLUSKOTER, with Honors
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 MILDRED JEAN GRIMM
 ALMA GERTRUDE HENLEY
 EDWARD ELMER HERTER
 NAOMI JUNE HOLZMAN
 HUGH FREDERICK HOUGH
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 LUCY LOGSDON
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MIRIAM WORKMAN, with High Honors

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JERALD DEAN DENBO
GEORGE WILLIAM HAMLIN

JEROLD SOLING
HERBERT LEE STERRETT

In Art Education

TERRELL GEORGE BRAMLET
VIRGINIA MAE BUSH
CHARLES ELMER MACHAMER

PHYLLIS SHERMAN
JAMES WATTON WEIR

In Industrial Design

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BETTY MARIE SMITH
LELAND CROSS SMITH, JR.

LUTRELLE PAUL WASSMANN, with High
Honors

In Landscape Architecture

DONALD JENNINGS PEARSON

In Painting

ROBERT JEVERT ECKELS
ROBERT PEASE FLINT

PRISCILLA JUN TOM

Degree of Bachelor of Music

NONA JEAN BRUNS
JEAN FRANCES COOK, with Highest
Honors

RICHARD STANLEY HALLEMAN
RONALD RAY KIDD, with Highest
Honors

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CHARLES EDWARD BROWN
LEO EDWARD CAHILL
STANLEY FREY CAMPBELL
ALBERT JOSEPH DELVENTO
PAUL LAVERNE ECKERT, with Honors
FLEMING WILLS FLOTT
KENNETH PAUL GOLDBERG
MARY ELLEN JACKSON HIGGINS
GAYLORD CLIFFORD HUGHES
VERNA KRAUSZ KALTENBRONN
PETER S. KARAMBELAS
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FRANCIS FREDERICK MILLER
DONALD CHARLES PITTMAN
PAUL EDWARD SEAMAN
ROBERT EDWARD SIMONETTI
HENRY JAMES STEVENSON
EARL FRANCIS STRINGER
JOSEPH STANLEY SULENSKI
HORACE JUNIOR TANGMAN
HARRY THADDEUS TRYCHTA
MILDRED EDITH TUPPER
DONALD CLEMENT WEISKOPF
NORBERT EUGENE WITTMER
GLENN DOUGLAS WRAY

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

DONALD WINCHESTER ACER, JR.	LOUIS KEITH HEGEMAN
JACK RONALD ANDERSON	BURTON NICHOLAS HENDRICKS
LEE JOSEPH ANDRUSS, JR.	JOSEPH LEO HERSTOWSKI, JR.
THOMAS WILLIAM APLINGTON	DAVID ORRIN HODGKINS
ROBERT HOWARD ARNOLD	ROBERT SAM HOF
FRANK LOUIS BAILEY	HARRY JAMES HOWARTH
JOSEPH ROBERT BALIGA	LEWIS ROY HUBBARD
FREDRICK WILLIAM BALLANTINE	NORMAN DEAN HUGHBANKS
ALFRED WALDO BARKSON	GEORGE SCOTT HUISKEN
ELMO BERNARD BARNEY	JAMES ERNEST IRETON
RICHARD MAURICE BARTH	ELMER LE ROY JACOBSON
FRANK MICHAEL BARTKOWICZ	ALLEN HUNTER JETER
JAMES SMITH BARTON	EDMUND LEWIS JUCEVIC
ROBERT THOMPSON BEAM	LEE KENNETH KAHN
FRED BENJAMIN BENDER	KENT KELLEY
DAVID B. BESSER	LEONARD JOHN KENNARD
JOHN WILLIAM BIERDEMAN	WALTER FERDINAND KLEIN
CRAIG LEIGHTON BISHOP, JR.	WILLIAM ALBERT KLEIN
ROBERT JAMES BONNER	ANTHONY FRANCIS KLIMEK
JOHN PETER BREUER, JR.	EDWARD VERNON KOIJANE
ROBERT PETER BROWN	ROBERT EUGENE KOZELISKI
ROGER KEITH BROWN, with Honors	STANLEY RICHARD KUSSY
TRUMAN AVERY BROWN	EMIL GEORGE LARRAIN
ROBERT LAWRENCE BUNDY	ALLAN LEIGH LATHAM
HENRY LOUIS CAIOTTO	WILLIAM JOSEPH LAWRENCE
WILLIAM LEE CARNAHAN	GERALD HUBERT LEBOY
JAMES EARL COOK, with Honors	ROBERT FREDERICK LEU
GREGORY LAWRENCE CURME	DUANE JEFFERSON LILLIBRIDGE
RICHARD CHARLES DETRICH, with Honors	WILLIAM LEONARD LIPPS, JR.
EDWIN LE ROY DOMEIER	JOHN ALAN LOWUM
RUSSELL EUGENE ELLER	HOWARD KENT LUMPKIN
THOMAS LEE EMRICK	CLARENCE DALE MAGNUSON
LOUIS ALBERT FANNING, JR.	HARRY JOSEPH MAIBERGER
CHARLES ERNEST FAUSEL	JOHN BARRETT MANNING
WALTER WILLIAM FELDKAMP, JR.	WILLIAM KEITH MARTIN
BERNARD FINKEL	FREDERIC CORRIE MATHEWS
VERNON CLINTON FISK	LEO RICHARD MAYERS
PAUL LEWIS FITE	LEE PATRICK MCLAUGHLIN
EUGENE JOSEPH FLANAGAN	THOMAS EDWARD JAMES MCNAMARA
FERNAND LOUIS FORTIER, JR.	LOUIS MECAVA
ROBERT WAYNE FOX, with High Honors in Sociology	JAMES MERUTKA
WILLIAM GEORGE FREY	RAYMOND OSCAR MILLER, with Honors
SHERMAN BERNARD FROOMAN	ANDREW MOCKO
ROBERT RALPH FUENER	RODNEY ELMO MOON
MAKOTO FUKUDA	ROY DALE MURPHY
CLARENCE EINAR GAVERT	LAWRENCE MITCHELL NOWICKI
ALVIN IRA GOLDBERG	WILLIAM THOMAS O'BYRNE
JAMES ROGERS GRAVES	DON EARL PALMER
ROBERT NEWELL GRINNELL, with Honors	RICHARD EVERETT PARKER, with Honors
JOSEPH HENRY GROSS	RICHARD SHELDON PARMUTH
VINTON B. GUBBINS	ALBERT DOMINIC PETRELLA
LOUIS GOTTLIEB HAERR, with Honors	JAMES THOMAS PHILLIPS
JAMES EVERETT HALLOWELL	CHARLES PETER QUANSTRUM
THOMAS GASAWAY HANNING	WAYNE MARION RAMSEY
	WILLIAM EDWARD RANSOM
	JAMES COURTNEY RATHELAG

DONALD GEORGESON REID
HAMILTON GAUN RIDDLE
EDWARD GEORGE RITCHE
DONALD EDWIN SCHMECKPEPER
RAYMOND JOHN SCHMIT
ROBERT PETER SCHMIT
GEORGE ALAN SECRIST
MATTHEW BROOKS SENN, with Honors
WILLIAM HENRY SHEHAN
THEODORE BRUNO SHIMKUS
ROBERT LEE SHROYER
RUSSELL SINENI
WILLIAM KENNETH SMITH, JR.
WILLIAM ROY STALLSWORTH
ANDREW STECYK
LYMAN FRANK STEWART

WILLIAM CHARLES STRADER
ROBERT BLAINE STROM
ROBERT WILLIAM SWERMAN
RICHARD TELLER
GERALD GWINN UBSTUEN
ROBERT EDWARD UTTER
HAROLD WEISMAN WATERMAN
HOWARD PERCY WELDON, JR.
KENT NORWOOD WESTRATE
EDWARD FRANCIS WHITE
STANLEY EDISON WHITLEY
DANN LYNN WOOD
LINDER ELLWOOD WOOLEY
AUSTIN BOWERS YOUNG
BEN ARNOLD ZIMMER

The Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

MEETINGS OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

March 12-13, 1951



On call of President Kenney E. Williamson, a special meeting of the Board of Trustees of the University of Illinois was held at the LaSalle Hotel, Chicago, Illinois, on Monday, March 12, 1951, beginning at 6:00 p.m.

The following members were present: President Williamson, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Doctor Meyer, Mr. Nickell, Mrs. Watkins.

Also present were: President George D. Stoddard, Provost C. R. Griffith, Vice-President A. C. Ivy; Messrs. Lloyd Morey, Comptroller, C. W. Weldon, Treasurer, and A. J. Janata, Secretary of the Board.

The meeting was called to order by President Williamson.

There being no unfinished business to consider from previous meetings, no reports and recommendations from the President of the University, no reports and recommendations from the President of the Board, Committees of the Board, or reports from other officers, the Board proceeded to consider items of new business.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Executive Committee held on January 23, 1951, press proof copies of which had been sent to all members of the Board of Trustees in advance.

On motion of Mr. Herrick, these minutes were approved as printed on pages 515 to 532, inclusive.

RESOLUTIONS

Messrs. Fornof, Herrick, and Livingston offered resolutions expressing appreciation of the services of those members of the Board of Trustees whose terms of office will expire on March 13, 1951, and stated that these resolutions will be presented to the Board for adoption and official record at the annual meeting on that day.

On motion of Mr. Hickman, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

ANNUAL MEETING

MARCH 13, 1951

In accordance with the By-Laws of the Board of Trustees of the University of Illinois, the annual meeting of the Board was held in the LaSalle Hotel in Chicago, Illinois, on Tuesday, March 13, 1951, beginning at 10:30 a.m.

The following members were present: Mr. John R. Fornof, Mr. Harold E. Grange, Mr. Wirt Herrick, Mr. Robert Z. Hickman, Mrs. Doris S. Holt, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Herbert B. Megran, Mr. Vernon L. Nickell, Mrs. Frances B. Watkins. Governor Adlai E. Stevenson was absent.

Also present were President George D. Stoddard, Provost C. R. Griffith, Vice-President A. C. Ivy, Mr. Ralph F. Lesemann, Legal Counsel-elect, Mr. J. F. Wright, Director of Public Information, Mr. Lloyd Morey, Comptroller, and Mr. A. J. Janata, Secretary of the Board.

MR. VERNON L. NICKELL ELECTED PRESIDENT PRO TEMPORE

Mrs. Holt nominated Mr. Nickell as President Pro Tempore. There being no other nominations, Mr. Nickell was unanimously elected President Pro Tempore and took the chair.

MR. PARK LIVINGSTON ELECTED PRESIDENT OF THE BOARD

Mr. Fornof nominated Mr. Livingston for the office of President of the Board for 1951-1952.

On motion of Mr. Hickman, the nominations were closed, and the Secretary was instructed to cast the unanimous vote of the meeting for Mr. Livingston as President. The ballot was cast, and Mr. Livingston was declared elected President of the Board for the year 1951-1952.

Mr. Livingston took the chair and expressed his appreciation of the honor of his election.

MR. A. J. JANATA ELECTED SECRETARY

On nomination of Mr. Hickman and on motion of Mr. Nickell, the Comptroller of the Board was instructed to cast the unanimous vote of the meeting for the election of Mr. A. J. Janata as Secretary for 1951-1952.

MR. LLOYD MOREY ELECTED COMPTROLLER

On nomination of Mr. Herrick, seconded by Mrs. Holt, and on motion of Mr. Johnston, the Secretary was instructed to cast the unanimous vote of the meeting for the election of Mr. Morey as Comptroller for 1951-1952.

EXECUTIVE COMMITTEE ELECTED

Mr. Fornof nominated Mr. Megran, and Mr. Nickell nominated Mrs. Watkins to serve with the President of the Board as members of the Executive Committee for 1951-1952. The nominations were seconded by Mr. Johnston.

On motion of Mr. Hickman, the nominations were closed, and the Secretary was instructed to cast the unanimous vote of the meeting for Mr. Megran and Mrs. Watkins as members of the Executive Committee. The ballot was cast, and Mr. Megran and Mrs. Watkins were declared elected.

MR. C. W. WELDON ELECTED TREASURER

Mr. Hickman nominated Mr. C. W. Weldon of Chicago for the office of Treasurer of the University for two years.

On motion of Mr. Nickell, the nominations were closed, and the Secretary was instructed to cast the unanimous vote of the meeting for Mr. Weldon. The ballot was cast, and Mr. Weldon was declared elected Treasurer of the University for two years and until his successor shall have been elected and has qualified for this office.

TREASURER'S BOND

On motion of Mr. Nickell, the amount of the Treasurer's bond was fixed at \$5,000,000.

On motion of Mr. Johnston, the Finance Committee was instructed to examine the bond and to report on the same to the Board.

AUTHORITY TO RECEIVE MONEYS

On motion of Mr. Herrick, the following resolution was adopted:

Resolved, that the Treasurer of the Board of Trustees of the University of Illinois be, and he hereby is, authorized to receive and receipt for all moneys, and to endorse all orders, drafts, and checks due and payable to the Board of Trustees or to the University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the Board of Trustees or the University of Illinois.

DELEGATION OF SIGNATURES

On motion of Mr. Fornof, the following resolution was adopted:

Resolved, that the President and the Secretary of the Board of Trustees of the University of Illinois are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the State Auditor, and to warrants drawn on the Treasurer of the University, under the following conditions.

The President of the Board of Trustees is authorized to delegate to C. H.

Pratt, to L. M. Dahlenburg, and to W. D. Green in Urbana, and to H. A. Hazleton, to G. H. Pontious, and to H. O. Albers in Chicago, to H. R. Kobes and to Mabel F. Meek in Springfield, authority to sign his name as President of the Board of Trustees to vouchers against the State Auditor; and to C. C. DeLong, to R. W. Zimmer, and to R. F. Wood in Urbana, and to H. A. Hazleton, to G. H. Pontious, and to H. O. Albers in Chicago, authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to Maude Archdeacon, to Everett G. Smith, and to Helen L. Smith in Urbana, and to G. R. Moon, to Ethel Engeljohn, to Helen Wyle, and to Velma M. Davis in Chicago, authority to sign his name as Secretary of the Board of Trustees to vouchers against the State Auditor and to warrants on the University Treasurer, covering vouchers approved in accordance with regulations of the Board. The Secretary of the Board of Trustees is authorized to delegate to Mrs. Freda M. Hicks and to Lean C. Ryan in Springfield, authority to sign his name as Secretary of the Board of Trustees on vouchers against the State Auditor approved in accordance with the regulations of the Board. And be it further

Resolved, that the First National Bank of Chicago as a designated depository of C. W. Weldon, Treasurer of this corporation, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signatures of the two following: Park Livingston, President, and A. J. Janata, Secretary; and the First National Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens duly certified to or filed with the First National Bank of Chicago by the Secretary or other officer of this corporation. And be it further

Resolved, that the Auditor of Public Accounts is hereby authorized and directed to honor vouchers bearing facsimile signatures of the President and Secretary of the Board of Trustees of the University of Illinois if such facsimile signatures resemble the facsimile specimens duly certified to or filed with the Auditor of Public Accounts by the Secretary.

STANDING COMMITTEES FOR 1951-1952

President Livingston appointed the following standing committees of the Board for 1951-1952 on March 30, 1951. They are printed here as provided in the By-Laws.

Agriculture

WIRT HERRICK, Chairman
MRS. DORIS S. HOLT
HERBERT B. MEGAN

Alumni

JOHN R. FORNOF, Chairman
HAROLD E. GRANGE
MRS. FRANCES B. WATKINS

Athletic Activities

ROBERT Z. HICKMAN, Chairman
HAROLD E. GRANGE
WIRT HERRICK

Buildings and Grounds

HERBERT B. MEGAN, Chairman
JOHN R. FORNOF
WIRT HERRICK
MRS. DORIS S. HOLT
MRS. FRANCES B. WATKINS

Chicago Departments

MRS. FRANCES B. WATKINS, Chairman
HAROLD E. GRANGE
HERBERT B. MEGAN

Civil Service and Employees (Nonacademic Personnel)

HAROLD E. GRANGE, Chairman
ROBERT Z. HICKMAN
MRS. DORIS S. HOLT

Finance

JOHN R. FORNOF, Chairman
WAYNE A. JOHNSTON
MRS. FRANCES B. WATKINS

General Policy

WAYNE A. JOHNSTON, Chairman
ROBERT Z. HICKMAN
HERBERT B. MEGHAN

Patents

ROBERT Z. HICKMAN, Chairman
WIRT HERRICK
MRS. DORIS S. HOLT

Student Welfare and Activities

MRS. DORIS S. HOLT, Chairman
WAYNE A. JOHNSTON
MRS. FRANCES B. WATKINS

**MR. HERBERT B. MEGHAN TO SERVE ON BOARD OF TRUSTEES
OF UNIVERSITY RETIREMENT SYSTEM**

On motion of Mr. Johnston, Mr. Meghan was designated to serve as a member of the Board of Trustees of the University Retirement System of Illinois during his present term (1951-1957) as Trustee of the University.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following reports and recommendations from the President of the University.

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

TINDALL EVANS CASHION (Calif.)
ALLAN CLIVE GEORGE (N.Y.)
WILLIAM FRANK HARRIS (Calif.)
CAMERON DeLOSS HUDDLESTONE
(Tenn.)

ROBERT HAROLD JOHNSON (Calif.)
EDWARD ISADORE MENCOFF (Calif.)
BERNARD WEISS (D.C.)

I concur.

On motion of Mr. Nickell, these certificates were awarded, as recommended.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. ROSS J. MARTIN, change in status from Associate Professor of Mechanical Engineering (A), to the position of Associate Professor of Mechanical Engineering (AY) and Associate Director of the Engineering Experiment Station (DY), beginning February 1, 1951, at an annual salary of \$7,500.

2. JACK WALTER PELTASON, Assistant Professor of Political Science, beginning September 1, 1951, at an annual salary of \$4,800 (B).

3. GLADYS PUGH WHORTON, Assistant Professor of Education, beginning February 1, 1951, at an annual salary of \$5,200 (G).

On motion of Mr. Johnston, these appointments were confirmed.

SABBATICAL LEAVES OF ABSENCE, 1951-1952

(3) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1951-1952 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the periods indicated.

The programs of research, study, and travel for which these leaves are requested have been examined by the University Research Board which advises the President in such matters. The Research Board's report to the President includes an evaluation of the program in terms of benefits to the University and to the individual.

Leaves of Absence for the Full Academic Year on One-Half Pay

JOHN R. FREY, Associate Professor of German, with the option of changing to leave for the first semester on full pay
 PHILIP KOLB, Assistant Professor of French, with the option of changing to leave for the first semester on full pay
 ELMER I. LOVE, Professor of Architecture
 LELAND SHANOR, Professor of Botany

Leaves of Absence for One-Half Year on Full Pay

ROGER H. BRAY, Professor of Soil Fertility, six months from January 1, 1952
 WILBUR D. BUDDEMEIER, Assistant Professor of Farm Management, six months from September 1, 1951
 RAYMOND B. CATTELL, Research Professor of Psychology, six months, the precise time to be arranged with the approval of the Department
 THOMAS K. CURETON, Professor of Physical Education for Men, second semester
 JOHN H. GARLAND, Professor of Geography, first semester
 RANDOLPH P. HOELSCHER, Professor of General Engineering Drawing and Head of the Department, second semester
 RICHARD R. KUDO, Professor of Zoology, first semester
 EMIL W. LEHMANN, Professor of Agricultural Engineering and Head of the Department, six months from September 1, 1951
 M. EVANS MUNROE, Assistant Professor of Mathematics, first semester
 RICHARD MURPHY, Associate Professor of Speech, second semester
 MRS. ESTHER H. RAPP, Assistant Professor of English, one semester, the time to be determined by the needs of the Department
 FRED A. SHANNON, Professor of History, first semester
 CLIFFORD H. SPRINGER, Professor of General Engineering Drawing, first semester
 PAUL H. TRACY, Professor of Dairy Technology, six months from March 1, 1952
 WALDEMAR J. TRJITZINSKY, Professor of Mathematics, second semester

The total number of leaves recommended is nineteen; twenty-four were approved for the year 1950-1951.

On motion of Mr. Hickman, these leaves were granted as recommended.

APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(4) I submit the following nominations for reappointment and two new appointments to the Board of Directors of the University of Illinois Athletic Association to become effective March 13, 1951, and continuing until the annual meeting of the Board of Trustees in 1952:

Faculty

PAUL N. LANDIS, Professor of English
 ROBERT G. BONE, Professor of History, Director of the Division of General Studies, and Director of the Division of Special Services for War Veterans
 LESLIE A. BRYAN, Professor of Management and Director of the Institute of Aviation
 CHARLES H. BOWMAN, Assistant Professor of Law (new appointment)

Alumni Association

LAWRENCE A. PETERSON, Class of 1931, Realtor, L. A. Peterson and Company, 1304 Chicago Avenue, Evanston, Illinois
 HARRY E. SCHLENZ, Class of 1927, Vice-President of the Pacific Flush Tank Company, 4241 Ravenswood Avenue, Chicago
 ROBERT W. RIEGEL, Class of 1937, Implement Dealer, Tolono, Illinois (new appointment)

Professor Bowman replaces Professor Charles W. Sanford of the College of Education and Mr. Riegel replaces Mr. Milton M. Olander, both of whom have served on the Board since March, 1946. All the others are reappointments.

On motion of Mr. Grange, these directors were appointed.

ADJUSTMENTS IN SALARIES OF ATHLETIC ASSOCIATION PERSONNEL

(5) The Board of Directors of the Athletic Association recommends adjustments in the salaries of various members of the staff of the Association in accordance with a schedule, copies of which are hereby filed with the Comptroller and the Secretary of the Board for record as amendments of the budget of the Association for the current fiscal year beginning July 1, 1950.

The Board of Directors recommends that these changes, and changes in subsequent years, be effective on March 1. The financial condition of the Association for any given year is definitely known on that date, and not at the beginning of the fiscal year.

I recommend that these adjustments be approved effective March 1, 1951, and that in the future changes in salaries and wage scales of Athletic Association personnel be made as of March 1 each year instead of July 1.

On motion of Mr. Hickman, these adjustments in salaries were approved as recommended.

HEARING COMMITTEE ON DISCHARGE OF PATRICK J. MAY

(6) Under the Civil Service law and rules, written charges as grounds for discharge have been filed by the Director of Nonacademic Personnel against Patrick J. May, Plant Operating Engineer in the Physical Plant Department of the Chicago Undergraduate Division at Navy Pier, and Mr. May was served with notice of the same on February 23, 1951. He has requested a hearing and is entitled to the same.

It is recommended that a Committee be appointed to hear the charges and to make a recommendation to the Board.

On motion of Mr. Hickman, the appointment of a Hearing Committee on the discharge of Patrick J. May was approved as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

President Livingston announced that he was appointing the following Committee:

ROBERT P. HACKETT, Associate Dean of Commerce and Business Administration and Professor of Accountancy, Chicago Undergraduate Division
HAROLD W. BAILEY, Associate Dean of Liberal Arts and Sciences and Professor of Mathematics, Chicago Undergraduate Division
WARREN O. BROWN, Dean of Men and Counselor in the Division of Special Services for War Veterans, Chicago Undergraduate Division
CHARLES H. BOWMAN, Assistant Professor of Law, Urbana
J. FRED KNIGHT, Purchasing Agent, Chicago Colleges

RECOMMENDATION CONCERNING KATSINAS LEASE OF RESTAURANT SPACE IN THE ARCADE BUILDING

(7) At the meeting on January 23, 1951, the Executive Committee of the Board of Trustees concurred in the recommendation of the Buildings and Grounds Committee "that it desires to achieve a mutually agreeable termination of the (Katsinas) lease."

Following conferences between the representative of the Katsinas estate (Mr. Norval Hodges) and representatives of the University (Mr. Lloyd Morey, Comptroller, and Mr. Charles S. Havens, Director of the Physical Plant), Mr. Hodges offered to terminate the lease at the earliest date acceptable to the University on receipt of payment for the unamortized value of the equipment and improvements at the date of termination. As of March 1, 1951, the required payment would be \$67,812.39.

Since the leased space will become available to the University in any event on August 31, 1952, consideration of this offer should be based upon the answers to two questions: (a) Does the University have a substantial need for this space

and restaurant equipment prior to August 31, 1952? (b) If such a need were established, would the sum of \$67,812.39 be a fair price?

For the reasons given in the attached memorandum, I concur in the judgment of the Comptroller and the Director of the Physical Plant that the answer to both these questions is "No."

I recommend, therefore, that the Katsinas lease be allowed to expire at the termination date of August 31, 1952.

On motion of Mr. Johnston, the recommendation that this lease be allowed to expire at the termination date of August 31, 1952, was approved.

APPROPRIATION FOR VETERINARY CLINIC REVOLVING FUND

(8) The internal budget for 1950-1951 includes an appropriation of not to exceed \$15,000 to the College of Veterinary Medicine from income of its Veterinary Clinic. Receipts for the eight months ending February, 1951, have been \$21,658. The appropriation of \$15,000 has been exhausted, and an additional appropriation is needed. The revised estimate of income for the fiscal year 1950-1951 is \$25,000.

The Dean of the College recommends, and the Comptroller concurs, an additional appropriation up to \$10,000, but not in excess of actual receipts, for this fund for the current year, for operating expenses of the Clinic.

I concur.

On motion of Mr. Nickell, this additional appropriation was made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

(9) The Governor has approved the following releases of funds from appropriations made to the University of Illinois for 1949-1951 for buildings and other capital improvements.

Release No. 59

"For Permanent Improvements at Urbana-Champaign—Additions to Power and Heating Plant and remodeling of existing buildings"..... \$ 9 252
This is a partial release from an appropriation of \$1,215,000. The Governor has previously released (Releases Nos. 6, 13, 14, 16, 23, 24, 30, 36, 42, 53, and 58) \$1,194,922 from this appropriation. The funds now released are for additional work in connection with this appropriation.

Release No. 60

"For Permanent Improvements at Urbana-Champaign—Additions to Power and Heating Plant and remodeling of existing buildings"..... 10 826
This is the final release from an appropriation of \$1,215,000. The Governor has previously released (Releases Nos. 6, 13, 14, 16, 23, 24, 30, 36, 42, 53, 58, and 59) \$1,204,174 from this appropriation. The funds now released are for additional expenditures in connection with the completion of the additions to the Power and Heating Plant and the remodeling of existing buildings at Urbana-Champaign.

Release No. 61

"For Equipment for buildings at Urbana-Champaign and Chicago"..... 34 500
This is a partial release from an appropriation of \$680,000. The Governor has previously released (Releases Nos. 2, 18, 40, 43, 44, 46, 50, and 56) \$227,753.65 from this appropriation. The funds now released are for the purchase of electrical equipment for the Abbott Power Plant at Urbana-Champaign.

I recommend that these funds be appropriated by the Board for the purposes indicated.

On motion of Mr. Fornof, these funds were appropriated, as recom-

mended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

THE BEQUEST OF GEORGE A. MILLER

(10) Dr. George A. Miller, Professor of Mathematics, *Emeritus*, died on February 10, 1951, leaving a will which includes the following bequest to the University:

"In the event that my said wife, Cassandra A. Miller, shall not survive me, then and in that event all the rest, residue and remainder of my estate, real, personal and mixed, of whatsoever kind and character and wheresoever situate, of which I am seized or possessed at the date of my death, I give, devise and bequeath unto the University of Illinois, a public corporation of the State of Illinois, to be by said University of Illinois held and invested, the income and the principal, or any part thereof, to be used by said University of Illinois for educational purposes, in such manner as the Board of Trustees of said University of Illinois shall determine; provided, however, that the use of said trust estate, or the income therefrom, shall be for other than current general operating expenses."

Mrs. Miller predeceased Professor Miller and there are no children. The will set up a trust estate for the benefit of Mrs. Miller so that she would have the entire net income during her lifetime but since she did not survive Professor Miller the entire net estate — real, personal, and mixed — is bequeathed to the University. There are no other bequests. Mr. Marc C. Norton, Vice-President of the First National Bank in Champaign, is designated in the will to serve as executor of the estate although he has not yet been formally appointed by the Court. His petition to the County Court of Champaign County presenting the will for probate states that the approximate value of the estate is as follows: real estate not to exceed in value, \$8,000; personal estate not to exceed in value, \$750,000.

I am reporting this for the official information and records of the Board.

This report was received for record. On motion of Mr. Johnston, the Executive Committee was empowered to represent the interests of the University and to take any actions necessary.

JOHN T. RUSHER SCHOLARSHIP FUND

(11) Floyd E. Rusher and Dorette J. Rusher of Peoria, Illinois, have established a scholarship trust, naming the Commercial National Bank of Peoria, Illinois, as Trustee. Mr. and Mrs. Rusher are the parents of John T. Rusher who died while in the service of his country, and the trust is established in his memory.

Article VI of such trust provides as follows:

Payments of Income

"The Trustee shall pay the income of the Trust Estate to the Board of Trustees of the University of Illinois, for the purpose of providing for scholarship or scholarships to be awarded by the University on the basis of scholastic promise, character, and financial need. In awarding scholarships, where the choice of the Board of Trustees of the University of Illinois, or of the Scholarship Committee designated by them, shall lie between one or more students of approximately equal merit, it is the preference of the Grantors that the award be made to that student whose home shall be in Peoria or Tazewell County."

Mr. Rusher has transformed one hundred shares of S. S. Kresge Company stock, with a present value of approximately \$3,900, to the trustee. He indicates that he will probably make other additions to the principal of the trust fund, and he also plans to make contributions to the income account of the trust so that there will be an appreciable amount available for scholarships at the beginning of the 1951-1952 academic year.

The Comptroller and the Chairman of the Committee on Special Undergraduate Scholarships recommend the acceptance of this gift for the purposes indicated, and authorization to accept further gifts of principal and income.

I concur.

On motion of Mr. Hickman, this gift was accepted, and authority was given as recommended.

STIVEN HOUSE

(12) The Acting Director of the School of Music and the Dean of the College of Fine and Applied Arts recommend that the house at 708 South Mathews Avenue, Urbana, recently purchased by the University as an annex to Smith Music Hall, be named Stiven House as a memorial to the late Professor Frederic B. Stiven, who was Director of the School of Music from 1921 until his death in January, 1947.

I concur.

On motion of Mr. Herrick, this recommendation was approved.

**CONTRACT FOR REMODELING IN RESEARCH
AND EDUCATIONAL HOSPITALS**

(13) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$27,700 to the Perry Construction Company, Inc., Chicago, the lowest bidder, for remodeling in the Research and Educational Hospitals to provide an Orthopaedic Sun Porch. The remodeling of presently unused space will provide eight additional hospital beds.

A recommendation for an appropriation of \$35,000 to cover this contract and related work is being presented separately. Subject to the approval of this appropriation, I recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Holt, this contract was authorized as recommended.

**CONTRACT FOR SITE DEVELOPMENT FOR
VETERINARY MEDICINE BUILDING**

(14) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$20,050 to the General Paving Company, Champaign, the lowest bidder, for site development for the new Veterinary Medicine Building, including construction of court and driveway pavement, sidewalks, and finishing north edge of the Pennsylvania Avenue pavement, with the provision that finished grading may be added to the contract later.

Funds are available in the state appropriation for this building.

I concur.

On motion of Mr. Johnston, this contract was authorized as recommended.

**CONTRACT FOR LANDSCAPING OF STUDENT AND
STAFF APARTMENTS GROUNDS**

(15) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$6,000 to Irving L. Peterson, Champaign, the lowest bidder, for landscaping the grounds of the Student and Staff Apartments at Urbana. The work will include grading, seeding, and planting of nursery stock.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, this contract was authorized as recommended.

CONTRACT FOR ENGINEERING CONSULTING SERVICES

(16) The Physical Plant Department occasionally needs the assistance of a consulting mechanical engineer on small construction projects. The Director requests authority to employ E. C. Manthel, Champaign, as a consulting engineer on minor projects as needed on the basis of 6 per cent of the cost of the work done by him in preparation of plans and specifications and an additional 2 per cent of the cost if it is desirable to employ him to supervise the work under construction.

I concur.

On motion of Mr. Nickell, this contract was authorized as recommended.

ARCHITECTURAL SERVICES FOR ADDITION OF A THIRD FLOOR TO MINING AND METALLURGICAL LABORATORY

(17) The space problem in the Department of Mining and Metallurgical Engineering is the most critical in the College of Engineering. The personnel in this department has been strengthened and it is now in a position to develop a research and instructional program commensurate with recent advances in that field of engineering. It also appears likely that expansion of the military research program will make substantial government funds available. The added space must be contiguous to the other facilities of the Department.

Fortunately the Mining and Metallurgical Laboratory was designed to carry an additional floor. The Committee on Nonrecurring Appropriations has reviewed preliminary estimates of cost of adding a floor to this building and approved it in principle. It is now necessary to have the architectural and engineering work done on this project, so that a firm estimate and bids can be obtained.

The project is one that can well be handled by a local architectural firm, and the Physical Plant Department recommends that Berger and Kelly, Architects, Champaign, be engaged for professional services. They offer to provide the needed services on the basis of 4½ per cent for services through the working drawing and specifications stage and 6 per cent for the complete services.

The Director of the Physical Plant and the Comptroller recommend that an appropriation of \$5,000 be made for architectural services with the understanding that further appropriations will be necessary as the project goes forward, and that the firm of Berger and Kelly, Architects, Champaign, be engaged for these services under the above conditions.

I concur and recommend approval.

On motion of Mr. Herrick, this appropriation was made, and authority was given as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

CHANGE IN CONTRACT FOR ARCHITECTURAL SERVICES ON REMODELING OF PHYSICAL PLANT SERVICE BUILDING

(18) On November 19, 1948, the Board of Trustees approved a contract with Holabird and Root and Burgee, Chicago, for architectural services on remodeling of the Physical Plant Service Building (old boilerhouse) at a maximum fee of \$15,000. On October 26, 1950, the Board increased this maximum by \$2,263.

Additional remodeling in this building is needed for the Control Systems research project. The Director of the Physical Plant and the Comptroller recommend an increase in the contract with Holabird and Root and Burgee for additional services on the basis of the original terms of 6 per cent of the total cost of the work handled by them for complete services, and 4½ per cent if carried through the working drawing and specifications stage only.

The total estimated cost of the remodeling is \$170,000. It will give us substantially a new research building.

The Board on February 15, 1951, appropriated the necessary funds.

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

I also recommend that the name of this old boilerhouse section of the building be given the official name of Engineering Research Laboratory. This has the concurrence of all University officers concerned.

On motion of Mr. Johnston, authority was given and the name was approved, as recommended.

ADDITION TO ELECTRICAL CONTRACT FOR CONSTRUCTION OF EXTENSIONS OF UTILITIES DISTRIBUTION SYSTEM

(19) On July 25, 1950, the Board of Trustees approved award of a contract to the Square Deal Electric Company, Urbana, for the electrical distribution cable, load center equipment, and miscellaneous work incidental to the construction of the Animal Sciences Laboratory and the Veterinary Medicine Building.

A discrepancy in the field measurements furnished to the contractor resulted in a section of cable being too short to fit the actual field conditions. The Square Deal Electric Company has agreed to replace this section of cable and to deliver to the University the section of cable valued at \$1,400 not used. This cable section can be used by the University elsewhere.

The Director of the Physical Plant and the Comptroller recommend an increase of \$1,669.80 in this contract to provide for this additional section of cable.

Funds are available in the state appropriation for "Construction of extensions to the Utility Distribution Systems."

I concur.

On motion of Mr. Johnston, authority was given as recommended.

COMPTROLLER'S REPORT OF CONTRACTS

(20) The Comptroller's report of contracts executed for the period from February 1 to 28, 1951.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Veterans Administration	Study of trenchfoot, immersion foot, or frostbite sustained in World War II	\$13 000 00	September 18, 1950
United States Navy	Study of electrochemistry in liquid ammonia	6 438 00	January 26, 1951

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Bureau of Public Roads	Steel bridge columns	\$ 9 000 00	May 21, 1950
United States Navy	Extension of Task Order 16	47 067 00	December 28, 1950
United States Air Force	Extension of W33-038ac-20778	40 000 00	December 1, 1950
United States Atomic Energy Commission	Extension of AT(11-1)-67	10 200 00	January 19, 1951
Association of American Railroads	Roadbed stabilization	6 000 00	January 8, 1951
Spencer Chemical Company	Needs for chemical nitrogen	3 000 00	February 1, 1951
Technical Board of Wrought Steel Wheel Industry	Wrought steel car wheels	21 500 00	January 22, 1951

Minor Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
The Peoples Gas, Light, and Coke Company	Gas service for Navy Pier for off-peak seasons	\$ 60 00 per month	February 1, 1951
E. C. Manthei, Engineer	Minor consulting engineering services	6% of cost of work	February 9, 1951
Wilson and Anderson, Engineers	Study of storm drainage in southeastern portion of campus	750 00	February 5, 1951

Adjustments Made in Authorizations Issued Under Cost-Plus Standing Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	Harker Hall remodeling rooms 104 and 106	800 00 ¹	February 8, 1951
	Bevier Hall remodeling	330 00 ¹	February 23, 1951
	Sub-total	(1 130 00 ¹)	
E. N. DeAtley	David Kinley Hall remodeling room 226	1 250 80	January 23, 1951
	Noyes Laboratory remodeling, renovation, and modernization	764 29 ¹	February 20, 1951
	Changes in administrative offices	826 01	February 12, 1951
	Sub-total	(1 322 52)	
Reliable Plumbing and Heating Company	1005 West Nevada remodeling	562 83	January 24, 1951
	Natural History Building renovation and ventilation	82 00	January 29, 1951
	Sub-total	(644 83)	

¹ Deduct.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Schroeder's	Special state—East Chemistry Building equipment	867 00	February 6, 1951
	Noyes Laboratory remodeling Rooms 151 and 154	92 14	February 13, 1951
	Sub-total	(959 14)	
Clarence H. Siems	Natural History Building renovation and ventilation	55 13	January 29, 1951
	Natural History Building renovation and ventilation	1 87 ¹	February 12, 1951
	Sub-total	(53 26)	
Square Deal Electric	Changes in administrative offices	65 92 ¹	February 15, 1951

This report was received for record.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(21) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

Chicago Professional Colleges

1. Remodeling on fourth floor of the Orthopaedic Wing of the Research and Educational Hospitals..... \$35 000
2. Architectural services for minor items of remodeling..... 2 500
3. Purchase of a safe for the Business Office..... 1 000
4. Purchase of centrifuge and accessory equipment for Aeromedical and Physical Environment Laboratory..... 2 400

Urbana-Champaign Campus

5. Equipment for solid state research group in the Department of Physics 23 000
6. Improved lighting in the Hall of Casts in the Architecture Building.. 4 400
7. Remodeling of 1005 West Nevada Street for the Psychological Clinic.. 2 700
8. Remodeling of 601 East John Street for Department of Speech..... 2 500
9. Construction of an area on the Animal Sciences Laboratory roof for the study of stars and planets, Division of General Studies and Department of Astronomy..... 2 500
10. Remodeling to provide additional office space in the Armory, this assignment to be made from funds budgeted for nonrecurring equipment and remodeling expenses..... 1 930

I recommend that these appropriations be made from the General Reserve Fund, except as indicated in the last item.

On motion of Mr. Johnston, these appropriations were made, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

PURCHASES

Purchases Authorized

(22) The following purchases were authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Library book shelving, bracket type, for installation in the library room of the Veterinary Medicine Building	Physical Plant	Remington Rand, Inc., Chicago	\$2 762 00 f.o.b. Urbana
One No. 2 plain milling machine with high-speed universal milling attachment, 3 h.p., 3 phase, 60 cycles, 220 volt a.c. motor, and three arbors	Biological Sciences	Kearney & Trecker Corp., Milwaukee, Wis.	6 927 50 f.o.b. Milwaukee, Wis.
One vacuum tube voltmeter One pulse generator One square wave generator One audio oscillator	Physics	A. Crossley and Associates, Chicago	1 465 00 f.o.b. Palo Alto, Calif.

¹ Deduct.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Twelve rack model regulated power supply	Physics	Lambda Electronics Corp., Corona, N.Y.	1 248 00 f.o.b. Corona, N.Y.
Twelve bench model regulated power supply			

On motion of Mr. Johnston, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One electronic recorder, strip chart, X-Y axis type, for recording measurements, electrical values, continuous line X axis range -5-0-5 millivolts; Y axis, 100 to 1100 degrees C., metal case mounting	Ceramic Engineering	Leeds & Northrup Co., Chicago	\$ 1 912 86 f.o.b. Urbana
One stabilizing amplifier D-C for this recorder			
One lot laboratory equipment	Dairy Science	Schaar & Co., Chicago	1 450 81 f.o.b. Urbana
Five microscopes, laboratory type, monocular, coarse and fine adjustments, ungraduated mechanical stage, divisible Abbe condenser, mirror, achromatic objectives—16 mm. divisible, 4 mm., and 1.8 mm.; 10X Huygenian eyepiece, complete with engraving	Food Technology	Chicago Apparatus Co., Chicago	1 365 75 f.o.b. Urbana immediate delivery
One hunter color and color difference meter, 6 volt, 20 diopter lens and complete accessories	Food Technology	Henry A. Gardner Laboratory, Inc., Bethesda, Md.	1 480 25 f.o.b. Bethesda, Md.
One spectrophotometer DU type, range 320 to 1000 millivolts complete with tubes and cells	Food Technology	Schaar & Co., Chicago	1 272 50 f.o.b. Urbana
One test tube adapter			
One microscope, research, binocular, reversed type, with built-in illumination system, 115 volt a.c., built on mechanical stage; Berek condenser; interchangeable monocular tube; 2-4-8-16-40 mm. apochromatic objectives; 6X, 8X, 12X paired eyepiece; transformer with ammeter, 6 spare bulbs, complete with case and engraving	Veterinary Medicine	W. H. Kessel & Co., Chicago	1 708 70 f.o.b. Urbana
One microscope, research, binocular, reversed type, with built-in illumination system, 115 volt a.c., built on mechanical stage; Berek condenser; interchangeable monocular tube; 2-4-16-40 mm. apochromatic objectives; 6X, 8X, 12X paired eyepiece; transformer with ammeter, 6 spare bulbs, complete with case and engraving	Veterinary Medicine	W. H. Kessel & Co., Chicago	1 616 80 f.o.b. Urbana
One microscope, research, inclined binocular with interchangeable monocular tube; 2 mm. and 4 mm. apochromatic, 16 mm. and 28 mm. achromatic objectives; 7.5X and 12X paired compensating eyepieces; 1.40 NA condenser; mirror; panfocal illuminator complete in case with engraving	Veterinary Medicine	Lukas Microscope Service, Skokie	1 159 20 f.o.b. Urbana
One autoclave, single wall, 21¼" x 38", direct steam, full opening door, complete with stand, two monel trays and controls for operation	Veterinary Medicine	Wilmot-Castle Co., Chicago	1 323 00 f.o.b. Urbana

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
12 synchronous mono-kymograph drum, variable speed, 6.25" diameter by 10" tall, aluminum construction, with 48" rod, 115 volt a.c., 60 cycle	Veterinary Medicine	Gorrell & Gorrell, Haworth, N.J.	2 154 00 f.o.b. Haworth, N.J.
One water still, hard water type, steam heated, capacity of 20 gallons per hour, complete with a 25 gallon block tinned copper storage tank with stand and all equipment for recessed mounting	Veterinary Medicine	Precision Scientific Co., Chicago	1 100 00 f.o.b. Urbana
One multi-source, a.c. spark unit for spectrography, for operation on 115 volts, a.c.	Chemistry	National Spectrographic Co., Cleveland, Ohio	4 000 00 f.o.b. Cleveland, Ohio
12 fireproof file cabinets, letter size, 4-drawer, with combination lock	Physics	Shaw-Walker Co., Chicago	2 116 52 f.o.b. Urbana
One triple distilling apparatus, water type, 5 gallons per hour, complete with stand and a 25 gallon block tinned storage tank	Physiology	Wilmot-Castle Co., Chicago	1 602 30 f.o.b. Urbana
One viso-cardiograph, 4-channel recording type complete with d.c. amplifiers, pulse wave and pneumographic attachments, lead selector, electromanometer and strain gage amplifier with built-in timer, 115 volt a.c.	Mechanical Engineering	Sanborn Co., Chicago	4 640 45 f.o.b. Cambridge, Mass.
Air-conditioning system for controlling the temperature and humidity in the Physical Environment Laboratory	Mechanical Engineering	F. R. Inskip & Co., Champaign	4 288 00
One milling machine, Universal, with 2 h.p.-1200 r.p.m. 220/440 volt 3 phase, 60 cycle motor including standard equipment	Physics	E. L. Essley Machinery Co., Chicago (the midwest representative of the manufacturer, the Van Norman Co., Springfield, Mass.)	5 020 00 f.o.b. Springfield, Mass.
12 additional outlets and additional supervision service for the transmission of the telephone extension program on Current Advances in Dentistry	Dentistry Post-graduate Studies, Professional Colleges	American Telephone and Telegraph Co., Chicago	6 000 00
One electric office composing machine with variable type and spacing, typewriter keyboard, and extra type fonts for copy preparation in the multilith division of the Stenographic Service (to be used for various types of letter and bulletin duplicating jobs which are now being handled by commercial firms)	Nonacademic Personnel, Chicago Undergraduate Division	Ralph C. Coxhead Corp., Chicago	2 646 90 f.o.b. Newark, N.J. and Toledo, Ohio
One addressing machine, motor operated, automatic form feed, complete with 60-position selector, to replace the machine that has been in operation for the past fifteen years	Mailing Center	Addressograph Sales Agency, Peoria	1 120 50 f.o.b. Cleveland, Ohio
One addressing machine complete with 10,000 changeable plates and frames and storage cabinets for plates and frames	Extension Service in Agriculture and Home Economics	Addressograph Sales Agency, Peoria	1 865 07 f.o.b. delivered and installed
Rental of tents (25 tents, 15' x 20'; one tent, 12' x 12') for 4-H Club Memorial Camp at Robert Allerton Park from June 24, 1951, to August 13, 1951	Extension Service in Agriculture and Home Economics	Armbruster Manufacturing Co., Springfield	1 177 25
1,500,000 4 1/4 x 9 1/2 20 lb. white envelopes printed	Extension Service in Agriculture and Home Economics	Western Envelope Co., Kansas City, Mo.	4 035 00 f.o.b. Kansas City, Mo.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
500,000 No. 10, 28 lb. white wove envelopes, plain	Office Supply Store	Marvin Envelope Co., Chicago	3 039 00 f.o.b. Urbana
200,000 No. 634, 28 lb. white wove envelopes, plain			
200,000 No. 10, 20 lb. manila envelopes, plain			
100,000 No. 634, 20 lb. manila envelopes, plain			
40,000 pounds 25 x 38, 40 lb. English finish book paper to be used for printing the 1951-1952 catalog	Office Supply Store	Dwight Brothers Paper Co., Chicago	6 170 00 (approximate) f.o.b. delivered
Folding stand for band and orchestra—48' wide x 24' deep with three elevations, in sections, quadrangles, with angular sections (this will replace a wooden platform which has involved much labor of erecting, dismantling, and re-pairing)	Physical Plant	Martin O. Larson Co., Chicago	1 997 77 f.o.b. Milwaukee, Wis.
5,000 board feet red tidewater cypress B and better, 1" x random width and length, rough, air dried	Physical Plant	Illini Lumber Distributors, Champaign	1 350 00 f.o.b. delivered
19,000 board feet, select Ponderosa pine, B and better, rough kiln dried, 10' to 16' lengths as follows: 5,000 feet 1" x 4" 5,000 feet 5/4" x 6" 3,000 feet 6/4" x 6" 5,000 feet 8/4" x 6" 1,000 feet 12/4" x 6"	Physical Plant	White Pine Lumber Co., Chicago	6 958 00 f.o.b. delivered
35,000 ft. 3/4" thinwall conduit	Physical Plant	Decatur Electric Supply Division, Decatur	4 118 50 f.o.b. delivered
10,000 ft. 3/4" thinwall conduit			
10,000 ft. 1" thinwall conduit			
Monorail equipment for remodeling Room 463b Noyes Laboratory	Physical Plant	Ornamental Metalworks Co., Decatur	2 359 26 f.o.b. Urbana
All steel and miscellaneous iron for remodeling Room 463b Noyes Laboratory	Physical Plant	Hugh J. Baker Co., Decatur	3 350 00 f.o.b. Urbana
One new small Ford tractor with 6 cylinder engine complete with fluid in rear tires, counter weights on rear wheels, and two-bottom plow attachment, less allowance for a 1941 Ford Ferguson tractor with two-bottom plow attachment and cab	Physical Plant	Purvis Tractor Co., Mattoon	1 664 49 f.o.b. Urbana
Three new 1951 automobiles (Ford V-8, Chevrolet, Studebaker, or Plymouth), 4-door sedan, complete with fresh air heater and defroster, less allowance for vehicles No. 204 and No. 208, 1949 Fords, and No. 215, 1949 Chevrolet	Physical Plant	Tom Purvis, Inc. (Ford), Mattoon	1 397 33 f.o.b. Urbana
240 tons limestone to be delivered and spread	Agricultural Engineering	Piatt County Service Co., Monticello	1 338 00
30 tons rock phosphate 30 per cent P ₂ O ₅ to be delivered and spread			
Fire and extended coverage insurance including unearned premium coverage, subject to 80 per cent coinsurance, effective March 11, 1951, for three years in the total amount of \$240,000 in favor of the Board of Trustees University of Illinois and the City of Chicago, covering the Drill Hall Building at Navy Pier, Chicago	Physical Plant, Chicago Undergraduate Division	S. B. Trelease, Champaign, Agent representing Insurance Company of North America Waldo Ames, Chicago, Agent representing Insurance Company of North America Reynolds Agency, Peoria, representing: Central Manufactures Co. (unguaranteed dividend of 15%) Queen Insurance Co. Milwaukee Mechanics Insurance Co.	349 42 349 42 1 604 91 2 006 14 2 006 14 (6 316 03)
		Total three-year premium	

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Laboratory furniture for the modernization of the Agronomy Soil Biology Laboratory located in Davenport Hall	Agronomy	Kewaunee Manufacturing Co., Adrian, Mich.	3 218 90 f.o.b. Urbana
250 animal cages, all wire, weld construction, 11" x 8 3/4" x 8 3/4", front opening, hanger type, two mesh openings	Animal Science	Norwich Wire Works, Inc., Norwich, N.Y.	1 587 50 f.o.b. Urbana
Four potentiometers (recording), controlling type, electronic operation, single point, 12" chart, temperature range 0-300 degrees C. with 1 degree C. division, 24 second pen speed, 115 volts a.c. 60 cycle	Chemistry	Brown Instruments Co., Peoria	1 927 80 f.o.b. Philadelphia, Pa.
Four audio oscillators	Electrical Engineering	A. Crossley & Associates, Chicago (midwest representative of the Hewlett-Packard Co.)	1 000 00 f.o.b. Palo Alto, Calif.
2,000 pounds liver fractionated into four parts and 20 pounds raw liver powder	Medical Clinical Sciences, Chicago Professional Colleges	VioBin Corp., Monticello	3 100 00
One two-die swaging machine with 2 h.p., 220 volt, 3 phase, 60 cycle a.c. motor with controls and 15 pair dies	Mining and Metallurgical Engineering	The Torrington Co., Torrington, Conn.	1 787 50 f.o.b. Torrington, Conn.
One 10" precision lathe with 3 1/2 foot bed, 3/4 h.p., 220 volt, 3 phase, 60 cycle a.c. motor and switch	Physics	Tepper Hardware Co., Urbana	1 399 95 f.o.b. South Bend, Ind.
One H.L.V. Hardinge precision lathe complete with 3 phase, 60 cycle, 220 volt a.c. motor and controls	Physics	Hardinge Brothers, Inc., Chicago	4 372 50 f.o.b. Elmira, N.Y.
One double channel magnetic oscillograph recorder with slow speed drive; a.c. and d.c. amplifiers; 12 rolls chart paper	Physics	Brush Development Co., Cleveland, Ohio	1 477 80 f.o.b. Cleveland, Ohio
Five cathode ray oscilloscopes	Physics	Everett Associates, Chicago	6 935 00 f.o.b. Portland, Ore.
310 sheets (10,960 sq. ft.) Douglas Fir plywood, sound 2 sides, exterior AA grade	Physical Plant	Gaines Hardwood Lumber Co., St. Louis, Mo.	232 80 f.o.b. Urbana
		Hunter Lumber Co., Urbana	672 00 f.o.b. Chicago
		Christmann Hardwood Co., St. Louis, Mo.	2 231 20 f.o.b. St. Louis
Sixteen items of special laboratory furniture to be manufactured, delivered, and installed in the new Radiocarbon Laboratory located in Davenport Hall	Physical Plant	Walrus Manufacturing Co., Decatur	21 060 01 f.o.b. delivered and installed
1,500 copies <i>Space Medicine: The Human Factor in Flights Beyond the Earth</i> to be printed and bound	University Press	R. R. Donnelley & Sons Co., Chicago	1 438 00 f.o.b. Chicago

On motion of Mr. Johnston, these purchases were authorized as recommended.

REPORT ON THE CONTROVERSY WITH THE WARNER CONSTRUCTION COMPANY

(23) On February 14, 1951, Mr. T. L. Warner, President of the Warner Construction Company, Mr. Lowell A. Lawson, Attorney for the Warner Construction Company, and Senator Peter J. Miller appeared, without prior notice to University authorities, at a meeting of the Illinois Budgetary Commission in Springfield. They all charged that the University of Illinois was evading payments on the contract for the Lincoln Avenue Residence Halls. Similar statements had been made in writing to members of the Board of Trustees on February 5, 1951, by Mr. T. L. Warner.

In addition to asserting that the University of Illinois does not pay its bills, the Warner Construction Company on both occasions has claimed damages of approximately \$247,000 beyond the payments allegedly due on contracts.

It is not my intention to present a legal brief but simply, at the request of the members of the Board present at the meeting on February 15, to outline the principal events and to state the University's position.

In preparing this report I have depended upon the records and statements of Mr. C. S. Havens, Director of the Physical Plant; Mr. E. L. Stouffer, Architect; Mr. John Doak, Superintendent of Buildings and Grounds; Mr. Lloyd Morey, Comptroller; Mr. W. E. Britton, Professor of Law (former Legal Counsel); and Judge John H. Armstrong, special counsel for the University in this matter. However, they are not responsible for this report.

This report is in two parts:

- I. The cost-plus contract for the Lincoln Avenue Residence Halls
- II. The fixed price contract for the Utilities Distribution System

For the cost-plus case (I), I shall present

- A. A Digest of the Contract
- B. Financial and Contractual Facts
- C. Actions of the University of Illinois
- D. Actions of the Warner Construction Company
- E. Claims and Counterclaims
- F. The Way the Warner Construction Company Can Get Its Money

Since the difficulties under II would constitute a wearisome duplication of I, I shall cover them in a briefer note.

I. CONTRACT WITH WARNER CONSTRUCTION COMPANY — LINCOLN AVENUE RESIDENCE HALLS

A. *Digest of the Contract, Lincoln Avenue Residence*

1. Contract provides that the contractor shall perform general work covered by the architects' plans and specifications, instructions to bidders, and the contractor's proposal of December 6, 1946.
2. Due to fund limitations, contract work is divided into two parts: Part 1 for foundation and site clearance and work incidental thereto; Part 2, conditioned upon receipt of state appropriation by August 1, 1947, covered the completion of general contract work.
3. Completion date for Part 1 was June 28, 1947.
4. Completion date for Part 2 based on the Warner Construction Company's proposal was defined as 365 days after authorization to proceed. (Since this authorization to proceed with Part 2 was dated July 16, 1947, the required completion date became July 16, 1948.)
5. Contract price is defined as the actual cost, plus a fixed fee for contractor's profit and overhead, the sum of which shall not exceed a guaranteed maximum cost. Any savings under the guaranteed limit are to be divided 75 per cent to the owner and 25 per cent to the contractor. The guaranteed limit for Part 1 is \$180,000, Part 2 \$1,820,000. Of the \$2,000,000, \$190,000 is defined as the contractor's fee, subject to adjustment on the basis of change orders issued.
6. Payments to the contractor to be based on contractor's request, supported by payroll data, invoices, and receipted bills, approved by the architects and the University Auditor.
7. Payment to the contractor is to be made within 30 days after the issuance of architects' certificates.
 - a. Overtime and incentive pay, except insofar as overtime may be necessitated by emergency, is subject to the approval of the architects.
8. Payments on the contractor's fee limited to 10 per cent of the earned fee until time of final payment.
9. Final payment is subject to architects' approval of the work and submission by the contractor of satisfactory evidence that all charges for labor, materials, and other indebtedness in connection with the contract have been paid.
10. Conditions under which the contractor may be entitled to an extension of time are defined, but claims thereunder must be presented in writing within seven days after commencement of such delay.
11. Conditions defined under which the owner may, or may not, satisfy indebtedness should the contractor allow indebtedness to accrue.
12. Matters of dispute between the two parties to the contract shall be referred to

the architects. In the event either party is dissatisfied with the architects' decision, they may demand arbitration. Arbitration procedure is precedent to any right of action, legal or equitable. Decisions by the arbitrators are binding as to facts but not as to law.

13. The contract contains the usual provisions with reference to compliance with laws, cooperation with other contractors, rejections of defective work, assignment of contract, access to the site, etc.
14. The instructions to bidders and the contractor's proposal were included and made part of the contract.

B. Financial and Contractual Facts

1. The guaranteed maximum contract with approved contract change orders, including \$192,388 for the original fixed fee adjusted for approved contract change orders, is \$2,011,611. (The original contract was \$2,000,000.)
2. The unpaid balance under the contract is \$254,633.

Under the provisions of this contract, payments to the Warner Construction Company are made on the receipt of evidence of payments, plus waivers of lien. *The Warner Construction Company has not requested payment since January 28, 1950, for any of its own expenditures or payments to subcontractors.*

3. The fixed fee of the contractor will be materially invaded by construction costs exceeding the original estimates.
4. Contractor declared in default.

In a letter dated June 28, 1948, addressed to the Board of Trustees, the Warner Construction Company demanded that the time fixed under the terms of its contract be extended for a period equivalent to the time lost by reason of 14 claimed causes for delay and for not less than six months.

The Board of Trustees on July 21, 1948:

- a. Denied the alleged charges for delay.
- b. Denied the request for extension.
- c. Declared the Warner Construction Company in default under the terms of its contract.

The Warner Construction Company and the bonding companies were notified of the above action on July 24, 1948.

5. Unpaid University invoices.

Unpaid University invoices to the Warner Construction Company for services performed at the request of the Warner Construction Company total \$7,001.

6. Unsettled contract change orders.

Additional work has been completed but not authorized by contract change orders because of controversy on price.

7. Settled claim on contract change order.

A change concerning grading, sidewalks, and driveways on which the contractor requested \$19,086 was settled by negotiation in the amount of \$12,870 and approved as recommended by the special committee (Mr. Williamson and Mr. Stoddard) on July 28, 1949.

8. Status of expenditures from state appropriations.

State appropriated funds have been completely expended. Balance of payments due under the contract will be made from borrowed funds.

9. Unpaid obligations of the Warner Construction Company.

The University has received letters and telephone calls from subcontractors who have completed their work, but who have indicated they have not been paid by the Warner Construction Company. The University, however, has not received from the Warner Construction Company requests for reimbursement for final payments to such subcontractors.

10. Amount withheld under the contract.

In the course of payments to the contractor, the University Auditor and the architects' representatives have found it necessary to delete from the contractor's requests for payment, \$70,342. Of this amount approximately \$48,000 is reimbursable when submitted in accordance with the terms of the contract and consists of:

- a. Subcontract work performed by the Warner Construction Company's own forces without approval of the architects.
- b. Subcontract work billed where, due to actions of the contractor, approved subcontracts were not available to the auditor.
- c. Equipment used without approval of rental or use agreements by the architects.

- d. Invoices not receipted or in proper form.
 - e. Wages and subsistence pay not previously approved by the architects.
 - f. Pro rata share of the second superintendent's salary when division is submitted to and is approved by the architects.
 - g. Miscellaneous items.
 - h. Deduction—unsettled credit for tree removal.
 - 11. Approximately \$22,000 is considered to be an improper charge under the contract and consists of the following:
 - a. Mr. Luedeking's salary disapproved as being a main office expense included in the contractor's fee.
 - b. Overcharges on equipment rentals and repairs and maintenance included in the rental charge.
 - c. Wages and subsistence pay not approved.
 - d. Miscellaneous improper charges.
 - 12. Status of construction work.
 - a. All work under the general contract has been completed and approved for acceptance as of May 15, 1950.
 - b. The architects have established the date of substantial completion of the building construction as of September 10, 1949. The student rooms were occupied September 14, 1949.
- C. *Actions of the University of Illinois*
- 1. On November 22, 1946, prior to the request for bids, the proposed cost-plus fixed fee contract with guaranteed maximum and provision for dividing savings was approved by the Board of Trustees.
 - 2. Bids were received on December 6, 1946.
 - 3. A letter was received from Mr. T. L. Warner, following a conversation with Mr. E. L. Stouffer, offering to "modify the condition as to division of savings from a 50/50 division between the contractor and the University to 25 per cent for the contractor and 75 per cent for the University of Illinois."
 - 4. On December 28, 1946, the Board of Trustees awarded the contract to the Warner Construction Company on the basis of its low bid (\$180,000 for site clearance and foundation work plus \$1,820,000 for completion of the building; subject to the availability of legislative appropriation).
 - 5. On December 28, 1946, a letter of intent, as requested by Mr. Warner, was submitted by the Comptroller on behalf of the University.
 - 6. In spite of repeated urgings on the part of the University, much time was required to settle the details of the written contract to the satisfaction of all parties.
 - 7. The University's Legal Counsel (Mr. Britton) regarded the inclusion of the clause giving the University the right to allow or disallow the payment of premium wage rates as entirely proper and pointed out that the Warner Construction Company in signing the contract had agreed to all its clauses.
 - 8. For obvious reasons, the University was anxious to see the work move forward. A failure to have it completed approximately on time would have upset the housing plans of the University and would have seriously inconvenienced over 500 young women.
 - 9. Contrary to statements made in Springfield on February 14 by representatives of the Warner Construction Company, the percentage division of savings in the contract was made *at the request of Mr. Warner and prior to the acceptance of the Warner bid by the Board of Trustees*. Hence, the loss of savings resulting from delays in performance by the Warner Construction Company was three times as much for the University as for the Company.
- D. *Actions of the Warner Construction Company*
- Some of the actions of the Company have been indicated above. I am now referring principally to operations of the Company which, in the judgment of our supervisors and architects, contributed to inefficiency.
- 1. Subcontract work was performed on the site without the approval of the architect and without knowledge of the terms on the part of the University Auditor.
 - 2. There was delay in the execution of subcontract agreements.
 - 3. There was delay in preparing a workable progress schedule.
 - 4. The contractor continued to pay incentive wages to local bricklayers after the practice was disapproved by the architects. (See contract.) Subcontractors at times had large sums overdue from the Warner Construction Company—and perhaps this is still true.

5. The Warner Construction Company attempted improperly to transfer charges from the fixed price tunnel contract to the cost-plus Women's Residence Hall contract. (For example: The entire salary of the General Superintendent and of the Second Superintendent on the two jobs; office and clerical employees working on both jobs; assembly of equipment for the tunnel job; freight charges; also equipment, materials and supplies were transferred to the tunnel job without furnishing adequate records to the Auditor.)

E. *Claims and Counterclaims*

I do not know what the latest total claim of the Warner Construction Company may be, for such claims have varied from time to time. From the letter of February 5, 1951, from Mr. T. L. Warner to Mr. Kenney E. Williamson, it appears that the Warner Construction Company claims that it has "sustained damages in the sum of \$247,404.07 as the result of illegal and unconstitutional acts and actions of the University of Illinois." Furthermore, while claiming all amounts due under the contract (approximately \$254,000 on the cost-plus contract for the Residence Hall and \$121,000 on the fixed price contract for the tunnel system), *the Warner Construction Company refuses to submit the evidence on which payment can be made.*

For its part, the University has invoices for approximately \$20,000 against the Warner Construction Company and claims an additional sum of approximately \$64,000 comprising the certified net income loss through the year's delay in completing the building.

F. *The Way the Warner Construction Company Can Get Its Money*

1. The University does not need additional appropriations to take care of all proper charges on these projects.
2. The University is ready to make payments to the Warner Construction Company for the balance due under the contract when the bills are presented in accordance with the terms of the contract, withholding only a sum to cover the unpaid invoices to the Warner Construction Company (for services rendered by the University at the request of the Company) and a sum equal to the net loss in rental income resulting from the contractual default on the part of the Company.

Since his retention as special counsel, Judge John H. Armstrong has been empowered to make recommendations for the settlement of all claims. Some have been settled by negotiation. As far as I know, there is no factually supported claim at present before counsel or University authorities.

Mr. Lowell A. Lawson, counsel for the Warner Construction Company, in his conversations with Judge Armstrong, as in his presentations before the Board of Trustees and the Budgetary Commission, has persistently avoided the main issue. He fails to present itemized bills or documentary support for claims. As long as this unrealistic approach is used by the Warner Construction Company, it does not appear feasible to close the account books.

If standard ways of doing business continue to be objectionable to the Warner Construction Company, it should carry its case to the courts. In a court or elsewhere the University of Illinois will welcome full publicity concerning every transaction. The University of Illinois, a custodian of a substantial amount of public wealth, can not and should not disburse any of it for unauthorized, improper or illegal purposes.

II. CONTRACT WITH WARNER CONSTRUCTION COMPANY — UTILITIES
DISTRIBUTION SYSTEM (TUNNEL)

I have before me a 29-page review of the situation regarding this contract as of March 1, 1951, prepared by Mr. John Doak, Superintendent of Buildings and Grounds, Physical Plant Department. Because of its technical nature, it is not feasible to present it in abridged form.

In general, our experience with the work of the Warner Construction Company on the Utilities Distribution System (tunnel) is similar to that under the contract for the Lincoln Avenue Residence.

A few high points will suffice to show the general tenor of negotiations on this contract.

On December 1, 1949, Judge John H. Armstrong submitted a report to Mr. Stoddard and Mr. Williamson in which he indicated that, since his letter of August 31, 1949,

"... I have received no communication from the Contractor or his attorney relating to settlement of this contract. I am advised that the Contractor has made no demand for further payment and that he has not attempted to comply with the provisions of the contract preliminary to final settlement such as evidence of payment to sub-contractors, lien releases, etc."

On February 8, 1950, the Contractor transmitted to Sargent & Lundy an invoice, dated December 31, 1949, in the amount of \$121,029 (the final 15 per cent payment on the approved contract) and requested payment, qualified by the following statement:

"Accordingly, we ask for payment due us per invoice enclosed, which payment, however, should be made and accepted by us without in any manner or degree whatsoever affecting, waiving, or jeopardizing our claim which is pending for final determination."

On February 14, 1950, facts relative to the above request were reviewed with Judge Armstrong. He concluded that the University not only had the right but the obligation to withhold the balance of funds until all claims had been settled. It was further agreed that this conclusion should be reviewed with Sargent & Lundy for their concurrence.

On March 9, 1950, with the concurrence of Sargent & Lundy, the Contractor was advised by letter that, since his request represented *final* payment on the contract and there were claims and counterclaims pending, the University did not have the authority to approve payment. The Contractor was further advised that the University, as before, was ready to discuss the claims and counterclaims on a factual basis.

Now what are the claims and counterclaims that have produced this stalemate?

The Contractor has submitted two claims:

1. The first by letter dated December 31, 1947, in the amount of \$8,660, later revised and re-submitted at a conference on March 15, 1948, in the amount of \$8,230. On June 30, 1948, he proposed a compromise settlement of this claim for \$6,500;
2. The second by letter dated January 21, 1949, in the total amount of \$226,036 which included the claim referred to above.

This report will be limited to the second claim since it includes the first. This claim was submitted by letter to Sargent & Lundy. The Contractor alleged he had encountered unforeseen or changed conditions resulting in additional work and costs which fall into three general classifications:

1. Projects withheld from construction because of contemplated design changes.
2. Projects withheld from construction because of changed underground and field conditions.
3. Underground interferences not shown, or incorrectly shown, on the plans.

The Contractor has submitted only general claims and *has not supported these claims with statements of fact*. Judge Armstrong in his report of August 22, 1949, to Mr. Stoddard and Mr. Williamson, indicated that he had been unable to uncover any facts which would support the Contractor's claim for \$226,036.

At this point, a review of the salient financial facts may be helpful.

Original Contract.....	\$354 511 00
Contract Change Orders	
No. 1	\$ 400 00
2	442 210 00
3	3 720 00
4	4 328 85
5	599 12
6	520 03
7	331 53
8	242 55
Sub-total	452 352 08
Total Contract	\$806 863 08
Payments	\$685 833 62
Balance	
Balance withheld on Contract	\$121 029 46

Now clause 17 of the General Conditions—a part of the Contract—provides:

"Before final payment is made, Contractor shall satisfy Purchaser, by affidavits or otherwise, that there are no outstanding liens against Purchaser's premises by reason of any work under the Contract."

This has not been done.

Clause 17 further provides:

"Acceptance by Contractor of final payment on the contract price shall constitute a waiver of all claims against Purchaser."

But the Contractor's request for payment (February 6, 1950) is *conditioned* by the following statement:

"Accordingly, we ask for payment due us as per invoice enclosed, (\$121,029.46) which payment, however, should be made and accepted by us without in any manner or degree whatsoever affecting, waiving or jeopardizing our claim which is pending for final determination."

The Contractor, by letter to Sargent & Lundy of January 21, 1949, filed notice of claim for additional compensation in the amount of \$226,036. As mentioned above, the factual support is lacking.

At the same time there are unpaid invoices for services furnished by the University at the request of the Contractor in the amount of \$5,321; for services furnished by the University to repair the City of Urbana sanitary sewer (damaged by the Contractor), \$709. In addition to the foregoing, there are potential counterclaims which may be asserted in the event of litigation.

Judge Armstrong stated on December 1, 1949:

"Since my letter of August 31st, I have received no communication from the contractor or his attorney relating to settlement of this contract. . . . Please also be advised that there has been no further discussion between the contractor, his attorney and your representative of any claims that have been asserted on behalf of either the contractor or the University in connection with this contract."

Again Judge Armstrong reported, on November 28, 1950 (to Mr. Stoddard and Mr. Williamson):

"I made it very clear to Mr. Lawson that I would submit to you any proposition that he wished me to but before he left, he made it very clear to me that any tentative proposition that had been discussed was withdrawn from present consideration and that I had no authority to submit even his discussed proposition to you."

Since that time Judge Armstrong has not received even tentative propositions from the Warner Construction Company. As indicated previously, he was not informed of the Company's appearance before the Budgetary Commission in Springfield.

Accordingly, the way in which the Warner Construction Company may collect all its proper bills, as indicated for the Lincoln Avenue Residence Contract (Part I of this report), is simply to follow standard business procedures. If dissatisfied, it may seek a court settlement. The University welcomes full public attention to these transactions.

This report received for record.

BOND ISSUE FINANCING CHICAGO HOUSING PROJECTS AND REMODELING OF SECOND UNIT OF DENTISTRY, MEDICINE, AND PHARMACY BUILDING

(24) The Board of Trustees at its meeting on February 15, 1951, authorized the acceptance of an offer from the Milwaukee Company, Chicago, and the F. S. Yantis & Co., Chicago, to purchase revenue bonds of the Board of Trustees of the University in the principal amount of not less than \$4,500,000 or more than \$5,000,000. The proceeds of such purchase was to be used to construct and equip at the Chicago Professional Colleges a Student Residence Hall and a Faculty Apartment Building and to purchase equipment and carry out certain remodeling in the second unit of the Dentistry, Medicine, and Pharmacy Building at the Professional Colleges. Bids have been taken for the construction work and a construction budget prepared indicating that \$4,600,000 is needed. All arrangements concerning the sale of the bonds have been worked out with the purchasing firms and there is now submitted a resolution authorizing the issuance of the bonds and setting forth the terms and conditions.

The resolution has been prepared by the law firm of Chapman and Cutler, Chicago, who were retained by the University for such purpose.

Bids have also been received as follows for the printing of the bonds:

Columbian Bank Note Company, Chicago.....	\$1 246 00
Northern Bank Note Company, Chicago.....	1 426 75
American Bank Note Company, Chicago.....	1 600 00

The Comptroller recommends and I concur that the resolution be adopted and that the Columbian Bank Note Company, the lowest bidder on the printing of the bonds, be awarded the work at a price of \$1,246.

On motion of Mrs. Watkins, the printing of the bonds by the Columbian Bank Note Company was authorized, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

Resolution

Authorizing the issuance of revenue bonds in the principal amount of \$4,600,000 of the University of Illinois for the purpose of providing funds necessary to construct, complete, and equip certain revenue producing buildings for said University in the City of Chicago, Illinois, fixing the date, maturities, form, and other details of said bonds, and making covenants and provisions for the payment of said bonds and the interest thereon.

WHEREAS the Board of Trustees of the University of Illinois upon due consideration and investigation does now find and determine that it is advisable, necessary and in the interests of the University of Illinois that certain revenue producing facilities be provided for the professional colleges of said University located in the City of Chicago, Illinois, as follows:

1. That a student residence hall be constructed on the following described tract, to wit:

Lots One (1) to Ten (10), inclusive, Fifty-nine (59), Sixty (60), Ninety-five (95) and Ninety-six (96), and the 16 foot alley running East and West and lying South of and adjoining said Lots 1 to 10, inclusive (hereafter to be vacated), and that part of the 16 foot alley running North and South and lying East of and adjoining said Lots 59 and 60 and West of and adjoining said Lots 95 and 96 as may hereafter be vacated, all in Potter Palmer's Subdivision of Lot Eleven (11) and that part of Lot Twelve (12) lying South of the center line of Polk Street, except Winchester Avenue, in Codwise's Subdivision of the West Half ($W\frac{1}{2}$) of the Southeast Quarter ($SE\frac{1}{4}$) of Section Eighteen (18), Township Thirty-nine (39) North, Range Fourteen (14) East of the Third Principal Meridian, except the West one and thirty-seven hundredths (1.37) chains.

2. That a Staff apartment be constructed for the purpose of housing staff members of the Colleges of Dentistry, Medicine and Pharmacy of said University on the following described tract:

Lots One (1) to Eleven (11), inclusive, and Lots Thirteen (13) to Twenty-four (24), inclusive, in Sturges et al Resubdivision of Block Nine (9) in Assessor's Division of the East Half ($E\frac{1}{2}$) of the Southeast Quarter ($SE\frac{1}{4}$) of Section Eighteen (18), Township Thirty-nine (39) North, Range Fourteen (14) East of the Third Principal Meridian.

3. That additional equipment be acquired for the Dental, Medical and Pharmacy Building, Unit Number Two, located on the following described tract, to wit:

That part of Lot Three (3) in Codwise's Subdivision of the West Half ($W\frac{1}{2}$) of the Southeast Quarter ($SE\frac{1}{4}$) of Section 18, Township 39 North, Range 14 East of the Third Principal Meridian (except 1 chain and 37 links along the West side) described as follows: Beginning at the Southwest corner of South Wood Street and West Polk Street and running thence West along the South line of said West Polk Street a

distance of 193.69 feet; thence South parallel with the West line of said South Wood Street a distance of 152 feet; thence East parallel with the South line of said West Polk Street a distance of 85.69 feet; thence South parallel with the West line of said South Wood Street a distance of 18.60 feet; thence East parallel with the South line of said West Polk Street a distance of 108 feet to the West line of said South Wood Street; and thence North along the West line of said South Wood Street a distance of 170.60 feet to the point of beginning; in the City of Chicago, Cook County, Illinois.

and said building be remodeled to provide additional laboratory and research space.

4. That the existing buildings located on Lots 3 to 7, inclusive, and Lot 14, in Sturges et al Resubdivision of Block Nine (9) in Assessor's Division of the East Half (E½) of the Southeast Quarter (SE¼) of Section Eighteen (18), Township Thirty-nine (39) North, Range Fourteen (14) East of the Third Principal Meridian, be repaired and rehabilitated for use as student residences and staff housing, and all other existing buildings on the Staff apartment site described in subdivision 2 of this preamble be removed; and

WHEREAS this Board of Trustees of the University of Illinois has heretofore caused to be prepared plans and specifications for the construction, rehabilitation and equipment of said above described buildings, which plans have been approved by this Board of Trustees and are now on file in the office of the physical plant department of said University at 1716 West Taylor Street, in the City of Chicago, Illinois; and

WHEREAS this Board of Trustees of The University of Illinois does further find, determine and estimate that the cost of the construction, completion and equipping of the said buildings, hereinabove described, in accordance with bids heretofore received for that purpose, will be as follows:

1. Constructing and equipping student residence hall.....	\$2 456 457
2. Constructing and equipping staff apartment.....	1 811 162
3. Remodeling and equipping of Second Unit of Dental, Medical, and Pharmacy Building.....	100 000
4. Repairing and rehabilitating of existing buildings on Lots 3 to 7, inclusive, and Lot 14, above described.....	35 000
5. Demolition of all other existing buildings now located on the tracts of property described above.....	5 000
6. Provision for contingencies.....	192 381
Total.....	<u>\$4 600 000</u>

and

WHEREAS pursuant to "An Act to authorize the Board of Trustees of the University of Illinois to acquire by purchase or otherwise, construct, equip, complete, operate, control, and manage student residence halls, staff housing facilities, dormitories, health and physical education buildings, or other revenue producing building or buildings, defining the duties of such Board with respect to operation and maintenance thereof, charge fees or rates for the use thereof, and providing for and authorizing the issue of bonds for the purpose of defraying the cost of construction, acquisition or equipment of any such building or buildings, payable solely from the revenues derived from the operation thereof, and for the refunding of any such bonds," approved June 30, 1945, L. 1945, p. 1753; title as amended by Act approved July 21, 1947, this Board of Trustees is authorized to issue revenue bonds for the purpose of constructing, equipping and completing said above described buildings, payable solely from the revenues to be derived from the operation of said buildings; and

WHEREAS in order to produce the sum of \$4,600,000 for said above described purpose, it will be necessary that this Board of Trustees borrow money and issue revenue bonds in the principal amount of \$4,600,000 as authorized pursuant to the Act hereinabove referred to;

NOW, THEREFORE, Be It and It Is Hereby Resolved by The Board of Trustees of the University of Illinois, as follows:

SECTION 1. That it be and it is hereby determined by The Board of Trustees

of the University of Illinois that it is necessary and for the best interests of the University of Illinois that it borrow the sum of \$4,600,000 to construct, rehabilitate, complete and fully equip the revenue producing buildings described in the preambles hereof, located and to be located on the property described in the preambles of this resolution in the City of Chicago, Illinois, and in evidence thereof issue its revenue bonds in the principal amount of \$4,600,000.

SECTION 2. That said bonds shall be designated "University of Illinois Colleges of Dentistry, Medicine, and Pharmacy Revenue Bonds, Series of 1951." The said revenue bonds shall bear date of April 1, 1951, shall be numbered 1 through 4600, shall be of the denomination of \$1,000 each, bonds numbered 1 to 465, inclusive, shall bear interest at the rate of three and one-fourth per cent ($3\frac{1}{4}\%$) per annum, bonds numbered 466 to 2045, inclusive, shall bear interest at the rate of two and one-half per cent ($2\frac{1}{2}\%$) per annum, and bonds numbered 2046 to 4600, inclusive, shall bear interest at the rate of two and three-fourths per cent ($2\frac{3}{4}\%$) per annum, payable October 1, 1951, and semi-annually thereafter on the first days of April and October of each year and until the principal thereof shall have been fully paid, and said bonds shall mature on April 1 of each of the years and in amounts as follows:

<i>Serial Numbers Both Inclusive</i>	<i>Principal Amount</i>	<i>Date of Maturity</i>
1 to 110.....	\$110,000.....	April 1, 1954
111 to 225.....	115,000.....	April 1, 1955
226 to 345.....	120,000.....	April 1, 1956
346 to 465.....	120,000.....	April 1, 1957
466 to 590.....	125,000.....	April 1, 1958
591 to 720.....	130,000.....	April 1, 1959
721 to 855.....	135,000.....	April 1, 1960
856 to 990.....	135,000.....	April 1, 1961
991 to 1130.....	140,000.....	April 1, 1962
1131 to 1270.....	140,000.....	April 1, 1963
1271 to 1415.....	145,000.....	April 1, 1964
1416 to 1565.....	150,000.....	April 1, 1965
1566 to 1720.....	155,000.....	April 1, 1966
1721 to 1880.....	160,000.....	April 1, 1967
1881 to 2045.....	165,000.....	April 1, 1968
2046 to 2210.....	165,000.....	April 1, 1969
2211 to 2380.....	170,000.....	April 1, 1970
2381 to 2555.....	175,000.....	April 1, 1971
2556 to 2735.....	180,000.....	April 1, 1972
2736 to 2920.....	185,000.....	April 1, 1973
2921 to 3110.....	190,000.....	April 1, 1974
3111 to 3305.....	195,000.....	April 1, 1975
3306 to 3505.....	200,000.....	April 1, 1976
3506 to 3710.....	205,000.....	April 1, 1977
3711 to 3925.....	215,000.....	April 1, 1978
3926 to 4145.....	220,000.....	April 1, 1979
4146 to 4370.....	225,000.....	April 1, 1980
4371 to 4600.....	230,000.....	April 1, 1981

provided, however, that said bonds shall be redeemable as a whole or in part, prior to their maturity, in the inverse order in which they mature, on any interest payment date at the option of The University of Illinois on or after April 1, 1956, and up to and including October 1, 1960, at par and accrued interest, and a premium of two and one-half per cent ($2\frac{1}{2}\%$) of the principal amount thereof; at par and accrued interest, and a premium of two per cent (2%) of the principal amount thereof if redeemed on April 1, 1961, or on any interest payment date thereafter up to and including October 1, 1970; at par and accrued interest, and a premium of one per cent (1%) of the principal amount thereof if redeemed on April 1, 1971, or on any interest payment date thereafter prior to maturity. If funds are available to call and redeem some but not all of the said bonds of any maturity, the bonds to be called for redemption shall be selected by lot in any usual manner.

Notice of redemption of any or all of said bonds shall be given by publication at least once not less than thirty days prior to the date of redemption, such publication to be made once in one newspaper published and of general circulation in the City of Chicago, and such notice of redemption shall with substantial accuracy (a) designate the date and place of redemption, such place to be at The First National Bank of Chicago, in the City of Chicago, Illinois, and (b) designate the numbers and the aggregate principal amount of said bonds, and (c) state that on the designated date of redemption said bonds will be redeemed by payment of principal thereof and accrued interest thereon to date of redemption, plus the applicable redemption premium, and that from and after the designated redemption date interest in respect of all bonds so called for redemption shall cease.

That such bonds and coupons shall be payable to bearer; provided, however, that such bonds may be subject to registration as to principal at any time prior to maturity in the name of the holder thereof on the books of registration of said University to be kept in the office of the Comptroller of said University, such registration to be noted on the reverse side of the bonds by the said Comptroller and thereafter the principal of such bonds shall be payable only to the registered holder, his legal representative or assign. Such registered bonds shall be transferred to another registered holder or back to bearer only upon presentation to the Comptroller with a legal assignment duly acknowledged or approved. Registration of any such bonds shall not affect the negotiability of the coupons thereto attached, but such coupons shall be transferable by delivery merely.

SECTION 3. Both principal of and interest on such revenue bonds shall be payable in lawful money of the United States of America at the First National Bank of Chicago, in the City of Chicago, Illinois.

SECTION 4. That said bonds shall be executed for and on behalf of said University by the President and FRANCES B. WATKINS and WAYNE A. JOHNSTON who are members of the Board of Trustees, and attested by the Secretary thereof, under the seal of said University and the interest coupons attached to said bonds shall be executed by the facsimile signatures of said President and Secretary, who by the execution of said bonds shall adopt as and for their own proper signatures their respective facsimile signatures appearing on said coupons, and said bonds and coupons shall be in substantially the following form:

(Form of Bond)

UNITED STATES OF AMERICA

STATE OF ILLINOIS

UNIVERSITY OF ILLINOIS COLLEGES OF DENTISTRY, MEDICINE,
AND PHARMACY REVENUE BOND SERIES OF 1951

Number.....

\$1,000.

THE UNIVERSITY OF ILLINOIS, a body corporate and politic, created and established under the laws of the State of Illinois, for value received promises to pay to bearer, but only out of the Colleges of Dentistry, Medicine, and Pharmacy Revenue Bond Fund of 1951, as hereinafter provided for, and not otherwise, the sum of ONE THOUSAND DOLLARS (\$1,000) on April 1, 19....., and to pay interest on said sum from the date hereof at the rate of per cent (.....%) per annum, payable October 1, 1951, and semiannually thereafter on the first days of April and October in each year until the principal hereof shall be paid. Interest accruing on this bond on and prior to the maturity date hereof shall be payable upon presentation and surrender of the interest coupons hereto attached as they subsequently become due, but no interest shall accrue on this bond after the maturity hereof unless this bond be presented for payment at maturity and be not then paid.

Both principal hereof and interest hereon are hereby made payable in lawful money of the United States of America at The First National Bank of Chicago, in the City of Chicago, Illinois.

This bond is one of an authorized issue of Four Million Six Hundred Thousand Dollars (\$4,600,000), all of like date and of the denomination of \$1,000 each, numbered from 1 through 4600, and all of said bonds are subject to redemption, prior to maturity, as a whole or in part in the inverse order in which they mature on any interest payment date on or after April 1, 1956, and up to and including October 1, 1960, at par and accrued interest, and a premium of two and one-half per cent (2½%) of the principal amount thereof; and a premium of two per cent (2%) of the principal amount thereof if redeemed on April 1, 1961, or on any interest payment date thereafter up to and including October 1, 1970; and a premium of one per cent (1%) of the principal amount thereof if redeemed on April 1, 1971, or on any interest payment date thereafter prior to maturity. If funds are available to call and redeem some but not all of the said bonds of any maturity, the bonds to be called for redemption shall be selected by lot in any usual manner.

Notice of redemption of any or all of said bonds shall be published once not less than thirty days prior to the date of redemption, such publication to be made in one newspaper published and of general circulation in the City of Chicago, and when this bond or any of the bonds of such authorized issue shall have been called for redemption interest thereon shall cease from and after the specified redemption date.

This bond and the series of which it forms a part is issued under authority of an Act of the Legislature of the State of Illinois, entitled "An Act to authorize the Board of Trustees of the University of Illinois to acquire by purchase or otherwise, construct, equip, complete, operate, control, and manage student residence halls, staff housing facilities, dormitories, health and physical education buildings, or other revenue producing building or buildings, defining the duties of such Board with respect to operation and maintenance thereof, charge fees or rates for the use thereof, and providing for and authorizing the issue of bonds for the purpose of defraying the cost of construction, acquisition or equipment of any such building, or buildings, payable solely from the revenues derived from the operation thereof, and for the refunding of any such bonds. Approved June 30, 1945, L. 1945, p. 1753; title as amended by Act approved July 21, 1947," approved July 21, 1947, as amended, and all other laws supplementary thereto, and a resolution duly adopted by the Board of Trustees of the University of Illinois for the purpose of defraying the cost of constructing, completing and equipping certain revenue producing buildings for the Colleges of Dentistry, Medicine and Pharmacy of said University, in the City of Chicago, Illinois, on the following described property, to wit:

STUDENT RESIDENCE HALL

Lots One (1) to Ten (10), inclusive, Fifty-nine (59), Sixty (60), Ninety-five (95) and Ninety-six (96), and the 16 foot alley running East and West and lying South of and adjoining said Lots 1 to 10, inclusive (hereafter to be vacated) and that part of the 16 foot alley running North and South and lying East of and adjoining said Lots 59 and 60 and West of and adjoining said Lots 95 and 96 as may hereafter be vacated, all in Potter Palmer's Subdivision of Lot Eleven (11) and that part of Lot Twelve (12) lying South of the center line of Polk Street, except Winchester Avenue, in Codwise's Subdivision of the West Half (W½) of the Southeast Quarter (SE¼) of Section Eighteen (18), Township Thirty-nine (39) North, Range Fourteen (14) East of the Third Principal Meridian, except the West one and thirty-seven hundredths (1.37) chains.

STAFF APARTMENT BUILDING

Lots One (1) to Eleven (11), inclusive, and Lots Thirteen (13) to Twenty-four (24), inclusive, in Sturges et al Resubdivision of Block Nine (9) in Assessor's Division of the East Half (E½) of the Southeast Quarter (SE¼) of Section Eighteen (18), Township Thirty-nine (39) North, Range Fourteen (14) East of the Third Principal Meridian.

DENTAL, MEDICAL, AND PHARMACY BUILDING
UNIT NUMBER TWO

That part of Lot Three (3) in Codwise's Subdivision of the West Half ($W\frac{1}{2}$) of the Southeast Quarter ($SE\frac{1}{4}$) of Section 18, Township 39 North, Range 14 East of the Third Principal Meridian (except 1 chain and 37 links along the West side) described as follows: Beginning at the Southwest corner of South Wood Street and West Polk Street, and running thence West along the South line of said West Polk Street a distance of 193.69 feet; thence South parallel with the West line of said South Wood Street a distance of 152 feet; thence East parallel to the South line of said West Polk Street a distance of 85.69 feet; thence South parallel with the West line of said South Wood Street a distance of 18.60 feet; thence East parallel with the South line of said West Polk Street a distance of 108 feet to the West line of said South Wood Street; and thence North along the West line of said South Wood Street a distance of 170.60 feet to the point of beginning; in the City of Chicago, Cook County, Illinois.

This bond is payable solely, both as to principal and interest from the revenues derived from the operation of said revenue producing buildings constructed, completed and equipped with the proceeds of this bond issue, and this bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University or of the State of Illinois is pledged to the payment of this bond or the interest thereon.

This bond shall pass by delivery unless it is registered as to principal in the name of the holder on the books of registration of said University kept at the office of the Comptroller of said University, such registration to be noted on the back hereof. After such registration no transfer hereof shall be valid unless made on such books by the registered holder in person or by attorney duly authorized in writing and similarly noted hereon, but this bond may be transferred in like manner to bearer, and thereupon transferability by delivery shall be restored and it may again from time to time be registered or transferred to bearer as before. Such registration, however, shall not restrict the negotiability of the coupons hereto appertaining, but such coupons shall be transferable by delivery merely and payable to the bearer hereof.

This bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and during such time as this bond is payable to bearer, the same and each of the coupons hereto appertaining may be negotiated by delivery by any person having possession thereof, howsoever such possession may have been acquired, and any holder who shall have taken this bond while so payable to bearer or any of said coupons from any person for value and without notice shall thereby acquire absolute title to this bond or to such coupons as the case may be, free of any defenses enforceable against any prior holder and free from all equities and claims of ownership of any such prior holder, and the said University and any paying agent may deem and treat the bearer of this bond, or, if registered, the person in whose name it is registered and the bearer of any interest coupons appertaining hereto as the absolute owner thereof for all purposes.

Said University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the resolution adopted by the Board of Trustees of said University of Illinois, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said buildings, as provided for in and by said resolution, and to establish from time to time rents, charges and fees for the use of said buildings and to maintain and collect rents, charges and fees sufficient to pay the reasonable cost of operating, maintaining, insuring and repairing of said buildings, and pay the principal of an interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions and things required to exist, to happen and to be performed, precedent to and in the issuance of this bond, have existed, have happened and have been performed in due form, time and manner, as required by law, and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said buildings to be applied in the manner hereinabove set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois, has caused this bond to be signed by the President of The Board of Trustees and two members thereof, its corporate seal to be hereto affixed, and attested by the Secretary of said Board, and has caused the interest coupons hereto attached to be executed by the facsimile signatures of said President and Secretary, which said officials by the Execution of this bond do adopt as and for their own proper signatures their respective facsimile signatures appearing on said coupons, and this bond to be dated as of the first day of April, 1951.

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

By.....

President

Member

Member

ATTEST:

Secretary

(Form of Interest Coupon)

Number..... \$.....

On the first day of, 19....., unless the bond to which this coupon is attached has theretofore been called for payment and payment made or provided for, The Board of Trustees of the University of Illinois, will pay to bearer solely out of the funds specified in the bond to which this coupon is attached, the sum of Dollars (\$.....) in lawful money of the United States of America at the First National Bank of Chicago, in the City of Chicago, Illinois, for interest due that day on its University of Illinois Colleges of Dentistry, Medicine and Pharmacy School Revenue Bond, Series of 1951, dated April 1, 1951, Number

President, Board of Trustees

Secretary, Board of Trustees

(Form of Registration)

Date of Registration	In Whose Name Registered	Signature of University Comptroller

SECTION 5. That upon the issuance of the said revenue bonds herein provided for, there be and there is hereby established a fiscal year for the operation of said buildings, and such fiscal year shall commence the first day of July of each year and end the last day of the next succeeding June, and all of the revenues derived from the operation of said buildings shall be set aside as

collected in a separate account and fund, apart from all other funds of said University, which is hereby created and designated as "The Colleges of Dentistry, Medicine and Pharmacy Revenue Bond Fund of 1951," and the University covenants that all revenues, income, receipts, profits, rates, rents, charges, fees and returns derived from the operation of said buildings shall be deposited in such fund and shall be used only in paying the reasonable cost of operating and maintaining said buildings, including salaries, wages, costs of materials, supplies, insurance and the reasonable repair necessary to properly maintain said buildings, for the creation and maintenance of a reserve fund, as hereinafter provided, and paying the principal and interest of the revenue bonds herein provided for, which by their terms are payable solely from the revenues derived from the operation of said buildings. The word "repair" as used in this section shall be construed to refer only to such repairs as are certified to by competent and recognized architects to be necessary to keep the buildings in proper condition for use and occupancy, or are so certified to be necessary to remedy some physical condition which would otherwise impair or endanger the use and occupancy thereof and the security of the bonds hereby authorized, and all other bonds that may hereafter be authorized, which by their terms are payable from the revenues derived from the operation of said buildings.

SECTION 6. That there be and there are hereby created and established separate special accounts to be designated severally "Operation and Maintenance Account," "Bond and Interest Sinking Fund Account," and "Reserve Account," into which there shall be credited on the first business day of each month all moneys held in the said Colleges of Dentistry, Medicine and Pharmacy Revenue Bond Fund of 1951, in accordance with the following provisions:

(a) There shall be credited to the Operation of Maintenance Account on the first day of each month an amount sufficient to pay the reasonable expense of operation and maintenance and repair of said buildings for the next succeeding month, including, without limiting the generality of the foregoing, salaries, wages, cost of materials, supplies, insurance, light, heat and power.

(b) There shall be credited to the Bond and Interest Sinking Fund Account on the first day of each month an amount equal to one-sixth of the interest becoming due on all outstanding bonds payable from the revenue of said buildings on the next succeeding interest payment date, plus an amount equal to one-twelfth of the principal of all of said bonds becoming due on the next succeeding principal maturity date.

(c) There shall be credited to the Reserve Account annually the sum of \$25,000, until said account aggregates the sum of \$200,000, and thereafter no sums need be credited to said Reserve Account except that whenever any funds in said account are expended, funds shall be again credited to said account at the rate of \$25,000 annually and continued until such time as the account has been restored to the aggregate amount of \$200,000. Funds credited to said account shall be used solely for the purpose of paying principal and interest on the revenue bonds of said University issued pursuant to the provisions of this resolution falling due at any time for the payment of which there is insufficient money available in the Bond and Interest Sinking Fund Account. Funds of this account may be invested from time to time in United States Government Securities.

(d) All funds remaining in the Colleges of Dentistry, Medicine and Pharmacy Revenue Bond Fund of 1951, after all amounts required to be credited to the accounts provided for in subsections (a) to (c) inclusive, of this section, and all deficiencies have been made up, shall be used for the purpose of calling and redeeming the revenue bonds of this issue, which by their terms are redeemable prior to maturity. Funds of this Account may be invested from time to time in United States Government securities.

SECTION 7. That it is hereby covenanted and agreed that the revenues to be derived from the operation of said buildings are to be paid into the various special accounts hereinabove established and created in the order in which said

accounts have been listed. If at any time the revenues are insufficient to place the required amounts in any of said accounts, the deficiency shall be made up in the following period or periods, after credits to all the accounts enjoying a prior claim of revenues have been made in full.

SECTION 8. That the Board of Trustees of the University of Illinois hereby covenants as follows:

1. That as long as the bonds herein authorized to be issued shall remain outstanding it will continuously operate and maintain said buildings constructed, equipped and completed with the proceeds derived from the issue of said bonds; that it will adopt such regulations and fix and maintain such rates, rents, fees and charges for the use of said buildings as will provide revenue sufficient to pay the reasonable cost of operating and maintaining said buildings, to provide and maintain the aforesaid bond and interest sinking fund account in an amount adequate to promptly pay the principal of and interest on said bonds as the same matures, and to provide for the aforesaid Reserve Account, and that it will collect and account for and apply the aforesaid income and revenues in accordance with and as provided by this resolution.

2. That it will not voluntarily create or cause to be created any debt or lien, charge or encumbrance on any of the revenues to be derived from the operation of such buildings having a priority to or parity with the pledge of the bonds issued under this resolution, and that it will not sell, mortgage, lease, or otherwise dispose of or encumber said buildings or any part thereof during the time when the bonds issued hereunder shall remain outstanding and unpaid.

3. That as long as any of the bonds issued hereunder remain outstanding and unpaid, either as to principal or interest or both, it will at all times exercise all of its lawful powers to preserve and protect the security of the bonds and the rights of the bondholders under this resolution.

4. That it shall cause to be kept proper books of records and accounts separate and apart from all other records and accounts in which complete and correct entries shall be made of all transactions relating to the cost of constructing and equipping the aforesaid buildings, the expenditures for maintaining, operating and repairing the said buildings, and all revenues collected therefrom, which said record shall be kept and shall be available for the information of all persons interested; and that there shall be furnished to the original purchaser of said bonds and to any holder of any of said bonds, on the written request therefor, not more than sixty days after the close of each fiscal year, complete operating and income statements of said buildings, in reasonable detail, for said preceding fiscal year.

5. That it will faithfully and punctually perform or cause to be performed all of the duties and obligations with reference to the said buildings as are required by the provisions of this resolution and the statutes under which the said bonds are issued, including the completion of the aforesaid buildings and the operation and maintenance of said buildings, as herein provided, the making and collecting of sufficient rates, fees and charges for the use thereof, the segregation of the income and revenues therefrom to the respective accounts created under the provisions of this resolution, and the proper application of said funds.

6. That as long as any of said bonds authorized to be issued hereunder shall remain outstanding and unpaid, either as to principal or interest, or both, it will maintain insurance on said buildings, including all equipment thereof, against loss or damage by fire and windstorm and all other insurable risks in an amount not less than the full insurable value of said properties or the principal amount of outstanding bonds, plus accrued interest and applicable premium to the next succeeding redemption date, whichever is less. Such insurance policy or policies shall be payable to the Board of Trustees of the University of Illinois, and all moneys collected on account of loss or damage covered by any such policy or policies of insurance shall be held in trust and shall be used only for restoration of the property so damaged. In the event said funds are insufficient to restore said properties to their former condition, then said funds shall be paid into the Bond and Interest Sinking Fund Account and held for the benefit of the Bondholders as their interest may appear.

SECTION 9. That the bonds authorized to be issued hereunder and from time to time outstanding shall not be entitled to priority one over the other in the application of the income and revenues derived from the collection of rents, rates, fees and charges for the use of the aforesaid buildings, or with respect to the pledge of the revenue to be derived from the operation of said buildings.

SECTION 10. That it is hereby further covenanted and agreed that after the issue and delivery of the bonds herein authorized and provided for to the purchaser thereof, additional bonds to share ratably and equally with the bonds hereby authorized shall only be issued in the event that funds are necessary to pay the cost of completing the project herein provided for in accordance with the plans and specifications now on file in the office of the physical plant department at 1716 West Taylor Street, Chicago, Illinois, and in the event additional funds are necessary to pay the cost of completing the project herein provided for, said bonds shall not be issued until such time as the architects employed by the University for the construction of said buildings have submitted a certificate to the Board of Trustees of the University setting forth an itemized statement of the work completed to date, the cost thereof, and an itemized statement of the work yet to be completed, and the estimated cost of the work to be completed, and such certificate and estimate shall be presented to and approved by the Board of Trustees preceding the adoption of any resolution authorizing the issuance of additional bonds to share ratably and equally in the revenues of said buildings. Any additional bonds issued for the purpose of completing the project herein provided for, in accordance with this section, shall be payable serially with principal and interest amortized over a period not shorter than the remaining life of any of the then outstanding bonds, with principal payments beginning not more than three years from date of the additional bonds, in such manner as to make the total amount of principal of and interest on the additional bonds due in each year approximately the same in each year in which there is a maturity of principal.

In addition to the foregoing, if prior to the payment of the bonds hereby authorized it shall be found desirable to refund all or a part of the bonds hereby authorized, said bonds may be refunded notwithstanding the restrictions as to the issuance of additional bonds set forth in this section (with the consent of the holders thereof if any bonds are to be refunded prior to maturity or prior to date of call and redemption) and any refunding bonds so issued shall share ratably and equally with the portion of the bonds hereby authorized which are not refunded in the revenues of said buildings and the pledge thereof under this resolution; provided, however, that if only a portion of said outstanding bonds are to be refunded at any time, such refunding obligations shall not mature at a date earlier than the final maturity of such bonds not refunded.

SECTION 11. That the proceeds from the sale of said bonds shall be set aside in a separate fund which is hereby created and designated as the "Construction Fund Account" and all of the funds of said Construction Fund Account shall be deposited in The First National Bank of Chicago, which said bank be and is hereby designated as the Depositary therefor. That the Comptroller and Treasurer of said University shall withdraw from said Construction Fund Account and deposit with said The First National Bank of Chicago, as paying agent of the bonds hereby authorized, the sum of \$249,750 for payment of interest from date of bonds up to and including the 1st day of April, 1953, being the estimated period of time necessary to complete said project. The balance of the proceeds of said Construction Fund Account shall be withdrawn from said account by the Comptroller and Treasurer of said University from time to time only upon submission to them of a certificate executed by the architects employed by the University for the construction of said project, stating the nature of the work completed and the amount due and payable thereon. Duplicate executed copies of such certificates shall be filed with said The First National Bank of Chicago before the said Comptroller and Treasurer of said University shall be authorized to withdraw funds from such account and said certificates shall be held by said bank and made available for inspection by any bondholder or any duly authorized agent of said bondholders. For the purpose

of this resolution the cost of the construction of said project to be paid from said Construction Fund Account shall be deemed to include the following:

1. The purchase price and cost of acquisition of real estate, easements, rights of way and other property necessary for the construction of such buildings, including the cost of abstracts of title, title examination and title insurance.
2. Fees and expenses of architects and engineers for services, preliminary investigation, preparation of plans and specifications, supervision of construction and performance of all duties of architects and engineers with respect to said buildings.
3. Payment for labor, material, equipment, services of contractors, builders and materialmen.
4. Premiums payable by the University to the date of completion of said buildings on policies of insurance against fires, floods, storms, lightning and other casualties and for so-called all risk coverage.
5. All taxes, assessments and other incidental charges levied against, or payment prior to the completion of said buildings, and taxes, if any, for recording and filing fees payable in connection with deeds of conveyance.
6. Condemnation awards in connection with the acquisition of property and easements necessary for said buildings, including court costs and legal fees therefor.
7. All expenses of preparing, issuing and delivering bonds issued hereunder.
8. Fees and expenses of legal counsel.
9. Fees and expenses of fiscal agents, depositaries or trustees of the Construction Fund Account.
10. Actual incidental expense, including telephone, telegraph, office expense and traveling expense.
11. Any and all other expenses necessary or incidental in the construction of said buildings, certified to in writing by the architects employed by the University for the construction of said buildings.

Upon written request by the Comptroller of the University funds of this Account may be invested from time to time in United States Treasury Bills and held by the said Depositary for the credit of said Account.

After completion of the project the Comptroller of the University shall execute a certificate to the effect that said project has been fully completed according to plans and specifications and in accordance with the provisions of this resolution, which shall be filed with The First National Bank of Chicago, and if there be any funds remaining in said Construction Fund Account at the time of filing of such certificate with the said bank, said funds shall be withdrawn from said account upon order of the Comptroller and Treasurer of the said University and credited to the Bond and Interest Sinking Fund Account hereinafter provided for.

That immediately upon delivery of said bonds to the purchaser the proceeds derived from the sale thereof shall be deposited with said The First National Bank of Chicago in said Construction Fund Account hereby created, which shall be a special trust account and said The First National Bank of Chicago in accepting the deposit of such funds shall agree to carry out the terms of this section and the provisions hereof on its part, subject only to the following expressed terms and conditions:

1. That said The First National Bank of Chicago shall not be responsible for any recitals herein or in the said bonds or for the validity of this resolution, or any of the terms agreed upon herein, nor for the performance of any of the agreements herein contained on the part of the University.
2. That said The First National Bank of Chicago shall not be liable for any action taken or omitted to be taken by it in good faith and in the exercise of reasonable care and believed by it to be within the discretion or power conferred upon it by this resolution, nor shall the said bank be responsible for the consequences of any error of judgment and shall be fully protected in relying upon the certificates to be filed with it for the withdrawal of funds by said Treasurer, and shall not be obligated to examine into the matter stated in said certificates or orders for payment to determine if said funds are being expended for a purpose permitted hereby, and shall not be answerable except for its own acts, receipts, neglect and default, nor for any loss unless the same shall happen through the negligence or want of good faith of the said bank.

3. That said The First National Bank of Chicago shall be entitled to advice of counsel concerning all matters arising under this resolution and its duties hereunder, and may in all cases pay such reasonable compensation as it shall deem proper to such counsel, and all such outlays and expenditures shall be repaid to the said bank out of the moneys in the Construction Fund Account.

SECTION 12. The provisions of this resolution shall constitute a contract between The Board of Trustees of the University of Illinois and the holders of the bonds herein authorized to be issued, and after the issuance of the bonds no changes, additions, alterations or amendments of any kind shall be made to this resolution in any manner, until such time as all of said bonds issued hereunder, and interest thereon, shall be paid in full, or unless and until provision shall have been made for the payment of all bonds hereby authorized and interest thereon in full.

SECTION 13. Any holder of a bond or bonds, or any of the coupons of any bond or bonds, issued under the provisions of this resolution, may either in law or in equity, by suit, action, mandamus or other proceeding, enforce or compel the performance of all duties required by this resolution or the acts under which the bonds hereby authorized are issued, including the fixing, maintaining and collecting of such rents, charges and fees for the use of such properties and all facilities thereof as will be sufficient for all the purposes provided by this resolution, and the application of income and revenue therefrom.

SECTION 14. If any section, paragraph, clause or provision of this resolution shall be held invalid, the invalidity of such section, paragraph, clause or provision shall not affect any of the other provisions of this resolution.

SECTION 15. That the President, Secretary, Comptroller and Treasurer of The Board of Trustees of the University of Illinois, be and they are each of them hereby authorized and directed to execute all instruments, papers, documents and agreements necessary or convenient to accomplish the issue and delivery of the said Revenue Bonds to the purchaser thereof.

SECTION 16. That said revenue bonds shall be executed as provided herein as soon after this resolution becomes effective as may be, be deposited with the Treasurer of said University, and be by him delivered to The Milwaukee Company and F. S. Yantis & Co., Inc., the purchasers thereof, upon receipt of the purchase price, and the contract for the sale thereof heretofore entered into be and the same is hereby in all respects ratified and approved.

SECTION 17. That this resolution shall be in full force and effect from and after its passage.

Passed March 13, 1951.

Recorded March 13, 1951.

PARK LIVINGSTON

President, Board of Trustees

ATTEST:

A. J. JANATA

Secretary

On motion of Mrs. Watkins, this resolution was adopted by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

INTERNAL REVISION OF BIENNIAL OPERATING BUDGET FOR 1951-1953

(25) The Executive Committee of the University Council, which under University Statutes advises the President in the preparation of budgets, has made the following recommendation with respect to the biennial operating budget for 1951-1953, as adopted by the Board of Trustees on September 29, 1950:

The Executive Committee recommends to the President that in view of recent increases in the cost-of-living index, now 5 per cent above the level at the time of the preparation of the coming biennial budget, that the Committee would approve an increase in Item III A, Salary and wage increases, from \$2,400,000 to \$3,600,000, this change to be offset by revising Item IV, Estimated Savings due to lower enrollments in 1951-1953, by decreasing from -\$1,000,000 to -\$2,200,000.

I recommend that the biennial budget be revised accordingly, and that further adjustments be considered if the cost-of-living index changes.

On motion of Mr. Johnston, this revision in the budget was authorized, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickel, Mrs. Watkins; no, none; absent, Mr. Stevenson.

SECOND MEMORANDUM ON THE RUSSELL REPORT

(26) President Stoddard presented the following report:

PART ONE

On January 23, 1951, soon after the distribution of the Report of the Study of the Structure of the State Tax-Supported System of Higher Education in Illinois (John Dale Russell, Chairman), I submitted a memorandum for the information of the Board. It was understood that this would be followed by a more explicit statement.

I have now had an opportunity to analyze the Russell Report in some detail. However, it is my intention to emphasize only the main issues and to propose some solutions that were overlooked by the Russell survey staff.

In the first memorandum I pointed out:

- (1) That the Russell Report erred in its interpretation of the actions of the University of Illinois with respect to its Undergraduate Division at Galesburg.
- (2) That the Russell Report erred similarly with respect to the Undergraduate Division in Chicago (Navy Pier).
- (3) That the consequence of these two errors, and of other misconceptions, was a failure to include (as a way to improve co-ordination in higher education) an additional alternative, namely, the California-type of control in which the state university predominates.
- (4) That, for reasons given, all the Russell alternatives except Alternative II, as revised, should be rejected.

Before considering alternatives further, I should like to refer to a few statements in the Russell Report.

We read (page 3):

"... the most urgent situation demanding a solution is the problem of the general overhead control of higher education in the State."

This theme dominates the report although there is little to indicate why this problem is, in fact, urgent. I should say, rather, that the *most urgent* problems in higher education in the State are:

- (a) to improve the quality of instruction, research, and public service in all the institutions of higher learning;
- (b) to extend the privileges of higher education to that large segment of the intellectually qualified youth population now denied them.

We read (page 5):

"The attitude in this report is that the people of Illinois are responsible for choosing from among these suggested alternatives, or combinations of items from these alternatives, the particular steps that are at present feasible and that seem most likely to accomplish desirable results."

Clearly, this statement in the foreword begs the question. There are other alternatives; there are other items. In suppressing them, the Russell Report quietly tips the scales in a certain direction.

What is this direction?

In a nutshell, it is that the State ought to have a central agency in Springfield to control all State-supported higher education. This idea appears repeatedly in the Report. It is offered as a preconceived solution. It so dominates the authors of the Report that they fail to evaluate certain basic issues.

For example, we read (page 11):

"... when competing programs minister to small groups of students or produce more graduates than can be absorbed in the positions for which preparation is given, the waste and inefficiency should not be condoned."

Now this quotation is not in line with modern educational thought. Certain

types of programs, as in mathematical, philosophical or medical work, are likely to appeal only to small groups of students in a given location. About a dozen competing small groups of professors and students produced almost all we know about atomic fission. It is right and proper for a university to covet the emergence of such groups as an opportunity for its best brains.

But the chief error is to trim higher education to some nose-count of positions available in a particular field. Every such attempt has failed. Two years ago our engineering educators were fearful that we were producing too many engineers. Now, in the Spring of 1951, the potential shortage of engineers is so great as to constitute a definite military and industrial hazard. There are forces in our economy that tend to establish an elastic connection between supply and demand, but they are beyond the control of "co-ordinating agencies." Although we have a dramatic shortage of personnel in all the health professions, it is only with great reluctance that governors and legislative bodies in any state in the Union move toward amelioration. The student talent is there; the service demand is there. The lag is in buildings, equipment and teaching personnel. The lack is money.

There is no fixed number of jobs in any field. Who can say how many persons will be needed in the next 30 years in nuclear power plants, military affairs, government, commerce or communications? Higher education not only prepares for jobs; it encourages persons to discover, develop and apply new principles. It puts a high value on learning, pure and applied. It creates both supply and demand. By any standards available in 1920, the present need for the college graduate in certain fields would appear fantastic.

If the aim of higher education is to develop straight thinking and to improve human relations, who can say that college graduates are in excess? Who can say that any person successfully pursuing the liberal arts and sciences is wasting his time? (There are those who claim that *everybody else* is wasting time, but I do not hold with these extremists, even though they go back to Socrates to find support.) In a balanced program, the student advances notably along both general and special lines.

Another theme that penetrates the Russell Report is a strong reliance on uniformity. When this theme is overemphasized it degenerates into a concept of mediocrity.

Thus the Russell Report refers to a section of the Works Survey of 1945. This survey listed 12 states that had created a single board for all their institutions of higher education. All 12 of the institutions at the top of the systems are well known in the educational field, but only two meet the requirements for membership in the Association of American Universities. Only one can be considered a leader. In this latter case there is one state university, one land-grant college and a state teachers college that confines itself to teacher education. This situation is different from Illinois which now has three state universities, two state colleges and one state teachers college. At the time of the Works Survey the State-supported higher institutions in Illinois, with the exception of the University of Illinois, were either Normal Universities or Teachers Colleges. In the last six years most of these institutions have tended to move toward the general college. The University, paradoxically, faced with a tremendous demand from the teaching profession, has turned increasingly toward teacher education.

From the Report (page 13):

"From the point of view of the State, the program of higher education is a unitary service. The money to support it comes from a single State treasury. The program must serve needs that are State-wide. As soon, however, as more than one institution is set up to render the service in higher education, each tends to develop its own program in accordance with the designs of its own leadership. Each institution tends to compete with all the others for appropriations, for students, and for the favorable attention of the general public."

Now perhaps the program of higher education in Illinois should be unitary, monolithic, but that is not thus far the "point of view of the State." The State, according to the acts of successive General Assemblies, has favored diversity in both public and private institutions. A single state treasury also supports roads, health and welfare and hundreds of enterprises that resemble neither higher education nor each other.

What these programs have in common is a recognized need on the part of citizens. There is bound to be a diversity in function. The question is, To what extent should there be, in higher education, unity in the formation and execution of policies?

PART TWO

It may be generally agreed that 1951 is a good time to study the reorganization of public higher education in the State of Illinois. Among other factors, the following enter into this timeliness:

- (1) The trial status of Southern Illinois University under a separate Board of Trustees whose terms expire August 31, 1951.
- (2) The continued unrest of the colleges under the State Teachers College Board as at present organized.
- (3) The recognized need for better facilities in public higher education in Chicago.
- (4) The increased cost of public education at all levels.

Since these factors bear upon the progress of the University of Illinois, various members of the University staff have studied the implications of the Russell Report. We believe that the Report has accomplished a valuable purpose in directing attention to certain problems, even though some of us regard its five alternative plans as incomplete. We appreciate also the patient work of Dr. John Dale Russell and his associates and the foresight of the Governor in setting up the Committee.

I think the first memorandum and my remarks in Part One show why we are dubious about the effectiveness of any plan that transfers policy-making authority from a board of trustees to a superimposed co-ordinating board presumably operating from Springfield. Such a plan (Alternative III in the Russell Report) has received serious study. We have come to the conclusion that the price to be paid for unity under this plan would be a subtle decline in the quality and zestfulness of the academic life. For a governing body to be removed one more step from the work of professors and students is to invite decisions that hamper growth and freedom.

Without further preamble I should like to bring to the attention of the Board four major proposals. They are, in effect, a substitute for the five options offered by the Russell Committee.

Proposal I — Minimum Reform

(A) Adopt Alternative II, page 54 of the Russell Report, with one exception: It reads:

"Alternative II. Continue the present three boards with modifications of their authority. The modifications suggested are as follows:

- "(1) Remove institutions of higher education from the jurisdiction of the State Code Department of Registration and Education;
- "(2) Set up a single merit system for non-academic personnel in all the State institutions of higher education;
- "(3) Set up a single purchasing authority for all the State institutions of higher education, separating this function from the control of the State Purchasing Office;
- "(4) Possibly remove the State teachers colleges and Southern Illinois University from the supervision of the State Architect's Office (the desirability of this step is questioned);
- "(5) Give the State Teachers College Board authority to select its own officers;
- "(6) Provide for a succession in the membership of the State Teachers College Board when the Governor fails to make an appointment;
- "(7) Change the name of the State Teachers College Board to 'State College Board';
- "(8) Change the method of selecting members for the Board of Trustees of the University of Illinois."

For the reasons given in my memorandum of January 23, I should delete paragraph (8) above.

(B) Strengthen the work of the Council on Higher Education by providing a paid Executive Secretary to be nominated and financed, for rotating one-year terms, by the respective members of the Council.

(C) Add to the staff of the State Director of Finance an expert assistant in the field of public higher education.

Proposal II — Limited Reform

(A) Place Southern Illinois University under the State Teachers College Board as reorganized in accordance with the first seven terms of Alternative II of the Russell Report.

(B) Strengthen the work of the Council on Higher Education by providing a

paid Executive Secretary to be nominated and financed, for rotating one-year terms, by the respective members of the Council.

(C) Add to the staff of the State Director of Finance an expert assistant in the field of public higher education.

Proposal III — Moderate Reform

(A) Reorganize the State Teachers College Board in accordance with the first seven terms of Alternative II in the Russell Report.

(B) Constitute Southern Illinois University as a branch of the University of Illinois, with emphasis upon the functions of:

- (1) A teachers college.
- (2) A community liberal arts college.
- (3) Terminal curricula of special interest to the southern region.

(The University of Illinois has shown no eagerness to acquire Southern Illinois University as a branch. The most obvious location for an additional campus of the University of Illinois is not in Carbondale, but in Chicago. All expert observers agree on this point. Nevertheless, it seems to me, if Southern Illinois University is not to return to its historic rôle as a teachers college, and a community college under a reorganized Teachers College Board, it should consider, as an alternative, a merger with the University of Illinois. Either step would markedly reduce the hazards of confusion and duplication. It would pave the way for effective co-operation between two boards of trustees whose jurisdiction would be well defined.)

(C) Establish in Chicago, as a branch of the University of Illinois, a new four-year college emphasizing teacher education.

(D) Establish in Chicago, as a branch of the University of Illinois, a pilot terminal (two-year) institute of applied arts and sciences.

(E) Authorize the development of blueprints for a full-fledged campus of the University of Illinois at Chicago. This would imply an eventual enrollment of 20,000 students, supplementing a maximum enrollment at Urbana-Champaign of 20,000 students.

(F) Strengthen the work of the Council on Higher Education by providing a paid Executive Secretary to be nominated and financed, for rotating one-year terms, by the respective members of the Council.

(G) Add to the staff of the State Director of Finance an expert assistant in the field of public higher education.

Proposal IV — Long-Range Reform

(A) Extend the University of Illinois under a single board of trustees, bringing all the State tax-supported institutions of higher education into the University system, with branches at the present locations of the separate institutions.

(B) Establish a full-fledged branch of the University of Illinois at Chicago, to absorb also the functions of a teachers college and of a terminal institute.

We should then have the *University of Illinois at Urbana-Champaign*, the *University of Illinois at Chicago* (to include as parallel units the present professional colleges and the proposed new campus), the *University of Illinois at Normal*, the *University of Illinois at Carbondale*, the *University of Illinois at DeKalb*, the *University of Illinois at Macomb* and the *University of Illinois at Charleston*.

Such a system would parallel the successful plan now in operation in the State of California. It would make for diversity within a general plan of co-ordination. It would leave to individual communities, financially aided by the State, the responsibility for developing the 13th and 14th grades either as junior colleges or as terminal institutes. (The institute proposed for Chicago would serve as a pilot study and training center.)

Since there would be no one body of alumni to make recommendations to the political parties, it is suggested that the appointment of the board of trustees of the greater University of Illinois be made by the Governor, with the consent of the General Assembly, and that three of possibly 12 members be *ex officio*, viz., the Governor of the State, the State Superintendent of Public Instruction and the General Superintendent of Schools of Chicago.

In my judgment, in an ascending order of effectiveness the four proposals above would solve most of the problems brought forth in the Russell Report. There would evolve an optimum degree of co-ordination without loss of the time-honored freedom that nourishes the academic life.

The establishment of new institutions as a part of the general University plan would be under control. Also the new board of trustees, through a small expert staff, could undertake the professional work underlying the certifying and chartering of new private institutions of higher and professional education. A University of Illinois system would automatically replace all the revisions recommended in Alternative II of the Russell Report.

Clearly Proposal IV calls for substantial educational, financial and administrative adjustments. *These changes are feasible only if persons professionally concerned, state leaders and interested citizens and taxpayers believe it to be a move in the right direction.*

With or without such changes, the aim is, through better instruction, research and public service, to meet the needs of the people of Illinois. In this vast enterprise the critically important rôle of the private independent colleges and universities must also be recognized. As a nation, we face an economic, military and cultural crisis. We have need of our full ethical and spiritual resources. The total contribution of a few great states like Illinois may be decisive.

This report was received for record.

CONTRACT FOR REMODELING MEN'S OLD GYMNASIUM

(27) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$16,869 to Clarence H. Siems, Urbana, the lowest bidder, for improvements in the Engine Annex as a part of the rehabilitation of the Men's Old Gymnasium.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Nickell, this contract was authorized as recommended.

CONTRACT FOR RADIOCARBON LABORATORY

(28) On January 23, 1951, the Board of Trustees appropriated \$135,000 for remodeling space in Davenport Hall to provide facilities for the Radiocarbon Laboratory. Bids received indicate that the project will cost \$142,000, so that an additional appropriation of \$7,000 is necessary.

The Director of the Physical Plant and the Comptroller recommend award of contracts to the lowest bidders as follows if an additional appropriation is made:

General work — Kuhne-Simmons Company, Champaign	\$25 000
Plumbing, heating, and miscellaneous work — F. R. Inskip and Company, Champaign	19 247
Ventilating and air conditioning — R. H. Bishop Company, Champaign	38 643
Electrical work — Leverenz Electric Company, Danville	12 800

I concur and recommend an additional appropriation of \$7,000 and that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

On motion of Mrs. Watkins, this additional appropriation was made, the contracts were awarded and authority was given as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

CONTRACT FOR REMODELING IN DAVENPORT HALL

(29) Bids have been received for the construction of two fireproof stair towers in the north and south ends of the west unit of Davenport Hall on a cost plus fixed fee basis:

	Fixed Fee	Add for Social Security, Insurance, etc.	Add for Additional Work	Estimated Cost (not including Fee)
Kuhne-Simmons Co., Champaign	\$12 400	9%	25%	\$50 975
E. N. DeAtley, Champaign	5 000	10%	15%	50 000

Funds are available in the Physical Plant budget for this contract. The Director of the Physical Plant and the Comptroller recommend the award of a contract to E. N. DeAtley, the lower bidder.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Holt, this contract was authorized as recommended.

APPROPRIATION AND CONTRACTS FOR ILLINI GROVE

(30) Bids received for the improvement and development of Illini Grove (the old Forestry) as a recreational area indicate that this will cost \$38,000. The Board of Trustees has appropriated \$25,000 for this project. The Committee on Nonrecurring Appropriations has approved the project in principle and recommends an additional appropriation to complete it.

Subject to approval of such an additional appropriation, the Director of the Physical Plant and the Comptroller recommend award of contracts to the lowest bidders as follows:

General work — Contracting Construction Company, Danville.....	\$16 394
Plumbing work — J. L. Robinson, Champaign.....	4 443
Electrical work — Potter Electric Service, Urbana.....	8 628

I recommend that an additional appropriation of \$13,000 be made, and that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

On motion of Mr. Hickman, this additional appropriation was made, the contracts were awarded and authority was given as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

CHANGES IN CONTRACTS FOR CONSTRUCTION OF ADDITIONS TO THE RESEARCH AND EDUCATIONAL HOSPITALS

(31) The Vice-President in charge of the Chicago Professional Colleges, the Director of the Physical Plant, and the Comptroller recommend increases in contracts for the construction of the additions to the Research and Educational Hospitals as follows:

General contract — Patrick Warren Construction Company, Chicago

- | | |
|--|-------------|
| (a) For installation of an electrically operated rolling type steel door in the main north-south tunnel at the ambulance driveway, to make it possible to move heavy equipment in and out..... | \$1 111 00 |
| (b) Changes on the eighth and ninth floors to complete a special metabolic diet kitchen and wards, and research air conditioning with close tolerances for control tests on patients..... | 4 424 70 |
| (c) Three additional display cases on the fifth floor requested by the Department of Surgery..... | 1 298 62 |
| (d) Revisions of the mechanical equipment rooms to accommodate larger duct sizes for more quiet operation of the ventilating system..... | 3 170 45 |
| Total increase in this contract..... | \$10 004 77 |

Ventilation contract — Bloomer Heating and Ventilating Company, Chicago

- | | |
|---|-----------|
| (a) Changes on the eighth and ninth floors for a special metabolic diet kitchen and wards, and research air conditioning which requires very close tolerances, so that research work can be rigidly controlled... | 24 214 23 |
| (b) Revisions of the ventilating system in the pent-house to provide more quiet operation..... | 5 169 33 |
| (c) Change in fans and size of ducts to provide more quiet operation of ventilating system..... | 1 021 85 |
| Total increase in this contract..... | 30 405 41 |

Electrical contract — Wadeford Electric Company, Chicago

- | | |
|--|----------|
| Revisions in the eighth and ninth floors to complete a special metabolic kitchen, and in wards, and in the air conditioning to serve the wards. The overhead ceiling lights must be changed to cove lighting due to the use of multivent ceiling panels..... | 9 288 92 |
|--|----------|

Pipe covering contract—Standard Asbestos Manufacturing Company, Chicago	
Changes in the plumbing and heating pipes on eighth and ninth floors necessary to complete the special diet kitchen and air conditioning of research wards on those floors.....	3 472 07
Heating and refrigeration contract—M. J. Corboy Company, Chicago	
Additional heating and refrigeration work required to complete the installation of the special metabolic diet kitchen and research wards; additional plumbing work is also needed to complete the air conditioning of these wards.....	6 052 89
Kitchen and cafeteria equipment contract—Stearnes Company, Chicago	
The special metabolic diet kitchen and wards on the eighth and ninth floors require additional kitchen equipment for the research work contemplated.....	17 885 87
Plumbing contract — Economy Plumbing and Heating Company, Chicago	
Additional labor and materials needed in plumbing work to complete the diet kitchen on the eighth and ninth floors.....	2 222 37
Total increases in all contracts.....	\$79 332 30

Funds are available in the state appropriation for "Construction of addition to present hospital."

I concur and recommend that the Comptroller be authorized to execute these contract changes.

On motion of Mr. Johnston, authority was given as recommended.

SALE OF PROPERTY AT 601 HAINES BOULEVARD, CHAMPAIGN

(32) Professor Royden Dangerfield, Director of the Institute of Government and Public Affairs, leases the University-owned residence at 601 Haines Boulevard, Champaign. He has offered to purchase this property in accordance with the procedure approved by the Board for the sale of residence properties purchased by the University for faculty housing. The price is \$22,550, which is the original cost to the University plus cost of improvements.

I recommend that this offer be accepted, and that the officers of the Board be authorized to execute the necessary deed of conveyance.

On motion of Mrs. Holt, the sale of this property was authorized, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

CONTRACT FOR INSTALLATION OF DIRECT CURRENT ELECTRIC SERVICE EQUIPMENT

(33) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$10,752 to Anderson Electric, Inc., Danville, the lowest bidder, for the installation of a DC motor generator and switch gear previously purchased, extending utilities to and connecting the generator with the existing service system to provide direct current electric service to engineering laboratories for instruction and research purposes.

Funds are available in the state appropriation for "Construction of extensions to the Utility Distribution Systems."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Hickman, this contract was authorized as recommended.

APPLICATION FOR FEDERAL FUNDS FOR AIRPORT.

(34) In 1946, Congress passed the Federal Airport Aid Act which provided for federal aid on a matching basis to airports, subject to appropriations, for a period of seven years. Under this Act, the Civil Aeronautics Administration has issued a tentative allocation of \$60,000 for improvements at the University of Illinois Airport.

The State Department of Aeronautics has set aside \$45,000 and the Board of Trustees (Minutes, October 26, 1950, page 434) appropriated \$47,500 of which \$45,000 was for the University's share of the project. The improvements will include resurfacing of the entrance road, drainage improvements, parking areas, resurfacing roads to airplane hangars, sewage disposal plant, and utility extensions and connections.

The University must execute a C.A.A. Project Application to secure the funds from the federal government. To secure funds from the State Department of Aeronautics, the University must also execute an "Agency and Participation Agreement" which will provide:

(1) That the University will authorize the State Department of Aeronautics to act as its agent in preparing plans, advertising for bids, receive bids, and supervise and conduct the letting and award of contracts upon the specific written authorization, direction, and approval of the Board of Trustees. The Board of Trustees shall be the contractual party to such contracts.

(2) That the University deposit in the State Treasury funds received from the federal government, such funds to be disbursed upon certification by the State Department of Aeronautics with the approval of the University.

The appropriation from University funds will be disbursed by the University upon vouchers certified by the State Department of Aeronautics.

The Director of the Institute of Aviation and the Comptroller recommend the execution of the Project Application and the Agency and Participation Agreement.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these documents and any other supporting documents which may be necessary.

On motion of Mr. Hickman, authority was granted as recommended; Mr. Johnston asked to be recorded as voting "no."

WILLIAM LAMONT ABBOTT

Mr. Johnston offered the following resolution and moved its adoption:

The Board of Trustees of the University of Illinois records with sorrow the passing on February 20, 1951, of William Lamont Abbott, a former member and President of this Board.

Mr. Abbott graduated from the University of Illinois in 1884 and received the professional degree of Mechanical Engineer in 1904. He was ninety years old when he died. In his long and distinguished career as an engineer, he devoted many years of service to his Alma Mater. He was one of the University's great friends, a loyal alumnus in the finest meaning of the word loyal. He was President of the Alumni Association from 1892 to 1893. He served as a member of the Board of Trustees continuously from 1905 to 1923 and during fourteen of those years, 1907-1919, and 1921-1923, he was President of the Board. Following retirement from the Board he organized the Utilities Research Commission and was instrumental in securing substantial grants of funds from industries for research projects of the University of Illinois Engineering Experiment Station. Even after he retired from professional work and from his position as Chief Operating Engineer of the Commonwealth Edison Company in Chicago, Mr. Abbott maintained an active interest in the University, serving in various advisory capacities. He was always available for counsel. When the University constructed a new power plant, it was appropriately named for him in recognition of accomplishments in his special field of engineering and of his services to the University.

His tenure of service on the Board of Trustees of the University of Illinois covered the years of the administration of the late President Edmund James James, during which the University achieved national and world prominence. Much of this was due to the statesmanship of Mr. Abbott as President of the Board in supporting the plans and policies of the President of the University and in securing support for them from the state.

The Board of Trustees directs that this tribute be incorporated in the minutes of today's meeting to become a part of the official public record and that a copy be sent to the members of Mr. Abbott's family as an expression of appreciation and of sympathy.

This resolution was adopted.

**RESOLUTIONS OF APPRECIATION OF SERVICES OF MESSRS.
KENNEY E. WILLIAMSON, WALTER W. McLAUGHLIN,
AND KARL A. MEYER**

Mr. Fornof offered the following resolution which was adopted.

To KENNEY E. WILLIAMSON

The Board of Trustees of the University of Illinois expresses its grateful appreciation of your services during the past six years, and for your previous service in the year 1940, as a member of this Board.

During the years of 1949 to 1951, as President of the Board of Trustees you administered this office with dignity and statesmanship. You gave generously — far beyond the call of duty — of your time and energy to the work of this office. It is a splendid example of unselfish public service. As Chairman of the Finance Committee for four years you performed a conspicuously useful service. The University of Illinois and the Retirement System have been fortunate in having a man of your experience serving in capacities where your special business talents have been invaluable.

The President and other administrative officers of the University have expressed their desire to join the members of the Board of Trustees in commemorating this occasion and in extending their best wishes to you and Mrs. Williamson for the years that lie ahead.

The Board of Trustees directs that this resolution be incorporated in the minutes of today's meeting to become a part of the official public record, and that a suitable copy be given you as a permanent reminder of the esteem and affection in which you are held.

Given at Chicago, Illinois

On the thirteenth day of March, one thousand nine hundred and fifty-one, and

In the eighty-fourth year of the University.

Mr. Herrick offered the following resolution which was adopted.

To WALTER W. McLAUGHLIN

The Board of Trustees of the University of Illinois expresses its grateful appreciation of your services during the past six years as a member of this Board.

In your own quiet, efficient way, you served as Chairman of the Civil Service and Employees Committee, as Chairman of the Committee on Agriculture, as Chairman of the General Policy Committee, and as Chairman of the Finance Committee. These assignments have required much of your time and energy, which you have given unstintedly and graciously. The services you have rendered in these posts have been invaluable. The University of Illinois and the people of the state are fortunate in having had on this Board a man of your talents, experience, and high ideals of public service.

The President and other administrative officers of the University desire to join the members of the Board of Trustees in commemorating this occasion and in extending to you and Mrs. McLaughlin their best wishes for the years that lie ahead.

The Board of Trustees directs that this resolution be incorporated in the minutes of today's meeting to become a part of the official public record, and that a suitable copy be given you as a permanent reminder of the esteem and affection in which you are held.

Given at Chicago, Illinois

On the thirteenth day of March, one thousand nine hundred and fifty-one, and

In the eighty-fourth year of the University.

At this point, Mr. Livingston asked that Mr. Hickman take the chair.

Mr. Livingston offered the following resolution which was adopted.

To KARL A. MEYER

The Board of Trustees of the University of Illinois expresses its grateful appreciation of your eighteen continuous years of faithful, distinguished service as a member of this Board and as its President for one term.

Few trustees have served the University so long, and none with greater devotion to the University's best interests. Your accomplishments and services on this Board are too long to be enumerated but let it be said that they include the chairmanship for nine years of the Committee on the Chicago Departments, the chairmanship for

five years of the Committee on Student Welfare, the chairmanship of the Committee on Agriculture for six years, service on the Executive Committee for eight years, and the presidency of the Board during the year 1942-1943. In these posts, your professional talents and expert knowledge have been invaluable. The extraordinary development of the University's Professional Colleges of Dentistry, Medicine, and Pharmacy is due in no small measure to your work as Chairman of the Chicago Departments Committee. Likewise, the College of Agriculture and its agencies have benefited by your interest in their special problems.

The President and other administrative officers of the University desire to be included in this tribute and they join the members of the Board of Trustees in extending best wishes to you and Mrs. Meyer for the years that lie ahead.

The Board directs that this resolution be incorporated in the minutes of today's meeting to become a part of the official public record and that a suitable copy be given you as a permanent reminder of the esteem and affection in which you are held.

Given at Chicago, Illinois

On the thirteenth day of March, one thousand nine hundred and fifty-one, and
In the eighty-fourth year of the University.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ALMY, GERALD M., Professor of Physics (C), indefinite tenure beginning March 1, 1951, \$9900 a year, and Acting Head of the Department of Physics, March 1-August 31, 1951, at an additional salary of \$500 a year, to render service during each academic year, supersedes (3-6-51).

ALVAREZ, WALTER C., Lecturer in Medicine, with the rank of Professor, in the College of Medicine, indefinite tenure beginning February 1, 1951, without salary (2-27-51).

ARCHER, EDWARD J., Instructor in Social Sciences, in the Undergraduate Division in Chicago, on two-sevenths time, five months beginning February 1, 1951, \$90 a month (2-26-51).

ARMSTRONG, BERTHE E., Clinical Instructor in Medicine (Rush), in the College of Medicine, January 15-August 31, 1951, without salary (2-21-51).

BICKNELL, FRANK J., Instructor in Pathology, in the College of Medicine, on three-fourths time, one year beginning April 1, 1951, \$3000 (2-27-51).

BROWN, LAWRENCE H., Research Assistant in Chemistry, in the Graduate College, five months beginning February 1, 1951, \$1375 (2-16-51).

BURNS, RICHARD O., JR., Assistant in Physiology, in the College of Medicine, six months beginning January 1, 1951, to render service during the second semester of the academic year, \$277.78 a month, supersedes (2-26-51).

CHAU, SEK-HONG, Assistant in Surgery (Rush), in the College of Medicine, six months beginning January 1, 1951, without salary (2-26-51).

COMPTON, MARION E., Instructor in Home Economics (C), on 12/100 time, and Nurse in the Nursery School, in the Division of Special Services for War Veterans, on 88/100 time, six months beginning March 1, 1951, \$3750 a year, supersedes (2-20-51).

D'ACQUISTO, LEONA, Research Assistant in the Institute of Labor and Industrial Relations, February 19-August 31, 1951, \$250 a month (2-20-51).

DAY, LEWIS R., Clinical Assistant in Pediatrics (Rush), in the College of Medicine, one year beginning September 1, 1950, without salary (2-27-51).

DEES, MRS. MARGARET N., Instructor in Student Teaching, on the University Council on Teacher Education, on one-half time, six months beginning February 1, 1951, to render service during the second semester of the academic year, \$2000 a year (2-22-51).

DUBIN, MRS. ELISABETH R., Instructor in the Nursery School, in the Division of Special Services for War Veterans, six months beginning February 1, 1951, to render service during the second semester of the academic year, \$3400 a year (2-9-51).

- EMIGH, C. ROBERT, Research Assistant in Physics (C), February 14-August 31, 1951, \$3240 a year, supersedes (2-16-51).
- EUBANK, DAVID F., Clinical Assistant in Pediatrics (Rush), in the College of Medicine, one year beginning September 1, 1950, without salary (2-27-51).
- FOWLER, EDSON F., Clinical Instructor in Surgery, in the College of Medicine, one year beginning September 1, 1950, without salary (2-22-51).
- FRAZIER, RALPH P., Instructor in Education, on the University Council on Teacher Education, on three-fourths time, six months beginning March 1, 1951, to render service during the second semester of the academic year, \$250 a month, supersedes (2-21-51).
- FREUD, BENJAMIN B., Visiting Professor of Physical Sciences, in the Undergraduate Division in Chicago, five months beginning February 1, 1951, \$600 a month (2-27-51).
- GRICE, G. ROBERT, Assistant Professor of Psychology, eight months beginning January 1, 1951, to render service during the second semester of the academic year, \$5000 a year, supersedes (2-19-51).
- GRIMM, NELWIN C., Supervising Engineer in the Institute of Aviation, seven months beginning February 1, 1951, \$6200 a year (2-16-51).
- GUY, GEORGE V., Instructor in Education, on one-half time, six months beginning February 1, 1951, \$1500 a year, supersedes (3-5-51).
- HARNER, CASPER G., Clinical Assistant in Dermatology, in the College of Medicine, January 2-August 31, 1951, without salary (2-22-51).
- HARRIS, HOMER E., Clinical Assistant in Dermatology, in the College of Medicine, January 2-August 31, 1951, without salary (2-21-51).
- HAZLETON, HOWARD A., Business Manager of the Chicago Colleges and Divisions, six months beginning March 1, 1951, \$10,000 a year, supersedes (2-27-51).
- HILL, MRS. ROSEMARY F., Research Assistant in Chemistry, in the Graduate College, February 15-June 30, 1951, \$275 a month (3-3-51).
- HOLSHOUSER, DON F., Research Associate in Electrical Engineering (S), nine months beginning December 1, 1950, \$5300 a year, supersedes (2-27-51).
- HOROWITZ, JOAN, Research Assistant in Psychology, February 1-June 15, 1951, to render service during the second semester of the academic year, \$266.66 a month, supersedes (2-20-51).
- HYDE, JOHN S., Instructor in Pediatrics, in the College of Medicine, on one-half time, eight months beginning January 1, 1951, \$1800 a year (2-26-51).
- KELLER, SEYMOUR P., Instructor in Physical Sciences, in the Undergraduate Division in Chicago, five months beginning February 1, 1951, \$320 a month (2-26-51).
- KELLY, ALEXANDER P., JR., Clinical Assistant in Surgery, in the College of Medicine, seven months beginning February 1, 1951, without salary (2-21-51).
- KNIERING, ROBERT F., Research Assistant in Medicine, in the College of Medicine, January 12-July 11, 1951, \$2930 a year, supersedes (2-22-51).
- LARSEN, ROBERT P., Assistant Professor of Psychology and Clinical Counselor in the Student Counseling Bureau, on one-half time, six months beginning March 1, 1951, \$2500 a year (2-21-51).
- LEVENSON, MRS. BEVERLY, Research Assistant in Chemistry, in the Graduate College, February 15-August 31, 1951, \$3000 a year (2-22-51).
- MAIRE, LEWIS E., Assistant in Surgery (Rush), in the College of Medicine, five months beginning February 1, 1951, without salary (2-21-51).
- MAJARAKIS, JAMES D., Instructor in Surgery, in the College of Medicine, on three-fourths time, one year beginning April 1, 1951, \$3000 (2-27-51).
- MARTZ, RUBY V., Acquisition Assistant in the Library, February 19-August 31, 1951, \$3300 a year (2-21-51).
- MAURICE, CHARLES G., Assistant Professor of Applied Materia Medica and Therapeutics, in the College of Dentistry, six months beginning March 1, 1951, \$6000 a year, supersedes (2-26-51).
- MCARTHUR, E. MAXINE, Research Assistant in Medicine, in the College of Medicine, six months beginning March 1, 1951, \$2930 a year (2-27-51).
- MCPHERSON, WILLIAM H., Professor of Economics, in the Institute of Labor and Industrial Relations and in the Department of Economics, indefinite tenure beginning January 1, 1951, \$7578 a year, supersedes (2-28-51).
- MEHL, BERNARD, Instructor in Education, on one-half time, six months beginning February 1, 1951, \$1500 a year, supersedes (3-5-51).

- NICE, SHIRLEY J., Assistant in Bacteriology, in the College of Liberal Arts and Sciences, on one-half time, and Research Assistant in Bacteriology, in the Graduate College, on one-half time, February 1-June 15, 1951, \$1230, supersedes (3-1-51).
- PFUETZE, KARL H., Clinical Professor of Medicine, in the College of Medicine, indefinite tenure beginning January 15, 1951, without salary (2-22-51).
- PIGOTT, MILES T., Research Assistant in Physics (C), six months beginning March 1, 1951, \$3240 a year, supersedes (2-22-51).
- POWER, RUTH T., Chemistry Librarian, with the rank of Assistant Professor, six months beginning March 1, 1951, \$5000 a year, supersedes (2-21-51).
- RIBBINK, THOMAS E., Instructor in Music, on two-thirds time, and in Physical Education for Women, on one-third time, six months beginning February 1, 1951, to render service during the second semester of the academic year, \$3750 a year (2-16-51).
- ROBERG, NORMAN B., Clinical Assistant Professor of Medicine, in the College of Medicine, on 12/100 time, February 16-August 31, 1951, \$625 a year, supersedes (2-27-51).
- ROSS-DUGGAN, JOHN K., II, Research Associate in Psychiatry, in the College of Medicine, January 15-August 31, 1951, \$4500 a year (2-21-51).
- RUST, RICHARD H., First Assistant in Soil Physics, in the Department of Agronomy (S), on one-half time, February 15-May 31, 1951, \$175 a month, and on full time for three months beginning June 1, 1951, \$350 a month, supersedes (2-16-51).
- ST. CLAIR, JANE, Catalog Librarian, with the rank of Instructor, in the Undergraduate Division in Chicago, five months beginning April 1, 1951, \$330.83 a month (2-21-51).
- SAUERLENDER, OWEN H., Research Assistant in the Bureau of Economic and Business Research, February 1-June 15, 1951, \$311.11 a month, supersedes (3-3-51).
- SEGRE, EMILIO G., Visiting Professor of Physics (C), one year beginning September 1, 1951, to render service during the academic year, \$10,500 (2-13-51).
- STEWART, PETER A. R., Instructor in Physiology, in the Graduate College, one year beginning September 1, 1951, to render service during the academic year, \$3800 (2-19-51).
- STOLTEY, MRS. MARGARET C., Instructor in Education, on the University Council on Teacher Education, on one-fourth time, six months beginning February 1, 1951, to render service during the second semester of the academic year, \$1000 a year (2-21-51).
- STRAUSS, JEROME F., JR., Clinical Assistant in Medicine, in the College of Medicine, February 10-August 31, 1951, without salary (2-26-51).
- THOMETZ, MARY F., Instructor in Biological Sciences, in the Undergraduate Division in Chicago, on three-fourths time, five months beginning February 1, 1951, \$240 a month (2-26-51).
- WEHE, ROBERT L., Instructor in Mechanical Engineering (C), on one-half time, six months beginning March 1, 1951, to render service during the second semester of the academic year, \$1750 a year, supersedes (2-21-51).
- WIESE, JOHN L., Clinical Assistant in Pediatrics (Rush), in the College of Medicine, eight months beginning January 1, 1951, without salary (2-27-51).
- WOODCOCK, HERBERT M., Assistant in Pediatrics, in the College of Medicine, one year beginning September 1, 1950, without salary (3-3-51).
- ZAHORSKY, MRS. METTA M., Instructor in Home Economics Education and Counselor on the University Council on Teacher Education, on two-fifths time, for the second semester of 1950-1951, \$1620 a year (on leave of absence without salary from May 1, 1951, to the end of the semester), supersedes (2-14-51).
- ZANOTTI, GEORGE J., Instructor in General Engineering Drawing, in the Undergraduate Division in Chicago, six months beginning March 1, 1951, to render service during the second semester of the academic year, \$4700 a year, supersedes (2-26-51).
- ZIVIN, SIMON, Research Associate in Medicine, in the College of Medicine, January 22-October 27, 1951, \$405.60 a month, supersedes (2-21-51).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- FOLKERTS, THOMAS M., E. R. Squibb & Sons Fellow in Bacteriology, February 1-June 15, 1951, \$600 (2-20-51).

- KING, ELLEN E., United States Public Health Research Fellow in Pharmacology, in the College of Medicine, eight months beginning January 1, 1951, \$3600 a year (2-9-51).
- MILLS, JOHN R., Victor Chemical Works Fellow in Chemistry, two months beginning February 1, 1951, \$300 (2-27-51).
- SCHOLZ, JOHN J., Commercial Solvents Corporation Fellow in Chemistry, one year beginning February 1, 1951, \$2700 (2-16-51).
- SEN, ARUN K., Fellow in Surgery, in the College of Medicine, seven months beginning February 1, 1951, \$150 a month (2-26-51).
- VILLARREAL, RAMON, National Institute of Health Fellow in Clinical Science, in the College of Medicine, December 15, 1950-June 15, 1951, \$150 a month (2-26-51).

RESIGNATIONS AND DECLINATIONS

- BARD, GREGORY, Instructor in Physical Medicine and Rehabilitation, in the College of Medicine — resignation effective 1-31-51.
- DE ROSA, FRANCIS P., Clinical Assistant in Surgery, in the College of Medicine — resignation effective 1-1-51.
- HAWKINS, WILLIAM B., Rockefeller Foundation Fellow in Entomology — resignation effective 2-1-51.
- HEISLER, JOHN E., Fellow in Mathematics — resignation effective 2-1-51.
- HILDRETH, DALTON L., Fellow in Accountancy — resignation effective 2-1-51.
- HUMAN, MARY L., Research Assistant in Bacteriology, in the Graduate College — resignation effective 2-28-51.
- KAMAT, GANPAT J., Fellow in Mechanical Engineering — resignation effective 3-15-51.
- LEEDS, WILLARD L., Instructor in Education and Counselor on the University Council on Teacher Education — resignation effective 3-1-51.
- MADER, GEORGE E., Research Assistant in Physics (S) — resignation effective 2-28-51.
- MOYER, JAMES E., Instructor in Marketing, in the Department of Business Organization and Operation — resignation effective 3-1-51.
- NELSON, KENNETH O., Fellow in the College of Medicine — resignation effective 3-10-51.
- NESHEIM, ROBERT O., Fellow in Animal Science — resignation effective 2-1-51.
- NOVOTNY, ALBERT J., Fellow in the College of Medicine — resignation effective 2-15-51.
- OVERAKER, ALLEN E., Claims Assistant in the Division of Special Services for War Veterans — resignation effective 3-1-51.
- PELLETTIERE, EDMUND V., Clinical Instructor in Otolaryngology, in the College of Medicine — resignation effective 2-1-51.
- RAMA, RAMAHITA, Fellow in Education — declination effective 2-1-51.
- ROSE, WILLIAM E., Fellow in Chemistry — resignation effective 2-1-51.
- SCHMIDT, MRS. HELEN B., Acquisition Librarian, with the rank of Instructor, in the Undergraduate Division in Chicago — resignation effective 4-1-51.
- SHIRLEY, N. VIRGINIA, Music Library Assistant — resignation effective 3-21-51.
- SOLOMON, LARRY N., Fellow in Psychology — resignation effective 2-1-51.
- TAYLOR, DONALD E., Research Assistant in Mechanical Engineering (S) — resignation effective 2-16-51.
- URSIC, STANLEY J., Assistant in Forest Research, in the Department of Forestry (S) — resignation effective 2-15-51.

LEAVES OF ABSENCE

- CHALMERS, W. ELLISON, Professor of Economics, in the College of Commerce and Business Administration and in the Institute of Labor and Industrial Relations, and Director of the Institute of Labor and Industrial Relations — leave of absence, with full salary, six months beginning February 5, 1951, on account of illness.
- CHEN, MRS. MO-LING, Catalog Assistant in the Library — leave of absence, without salary, for the month of February, 1951.
- FARAGO, PETER J., Clinical Instructor in Medicine (Rush), in the College of Medicine — leave of absence, without salary, eight months beginning January 1, 1951, for military service.
- HOBAN, THOMAS J., Clinical Instructor in Medicine (Rush), in the College of Medicine — leave of absence, without salary, eight months beginning January 1, 1951, for military service.

- MALM, WILLIAM P., Instructor in Music and in Physical Education for Women — leave of absence, without salary, March 1, 1951, until the end of the academic year, for military service.
- MCBRIDE, DONALD F., Clinical Assistant in Medicine (Rush), in the College of Medicine — leave of absence, without salary, six months beginning March 1, 1951, for military service.
- MCPHERSON, WILLIAM H., Professor of Economics, in the Institute of Labor and Industrial Relations and in the Department of Economics — leave of absence, without salary, March 7-17, 1951, to complete his project for the Economic Cooperation Administration and the Federal Republic of Germany.
- PLACE, VIRGIL A., Clinical Assistant in Medicine (Rush), in the College of Medicine — leave of absence, without salary, eight months beginning January 1, 1951, for military service.
- SNYDER, RAY E., Instructor in Physics, in the Undergraduate Division in Chicago — leave of absence, without salary, February 28, 1951, and continuing until the end of the academic year, for military service.
- VANCE, GRAHAM A., Instructor in Medicine, in the College of Medicine, and Administrative Assistant to the Medical Director of the Research and Educational Hospitals — leave of absence, without salary, six months beginning March 1, 1951, for military service.
- VEALE, PAUL T., Assistant Professor of Soil Physics, in the Department of Agronomy (S) — leave of absence, without salary, February 1-March 15, 1951, in order to complete a soil mapping project.

INVITATION FROM THE GOVERNOR

The Secretary read a letter from Governor Adlai E. Stevenson inviting the Board of Trustees to hold the April or May meeting at the Executive Mansion and to be his guests at luncheon.

The Secretary was instructed to express to the Governor the appreciation of the Trustees and to inform him that they accept his invitation with pleasure.

It was agreed that the meeting of the Board should be held on April 19, 1951, at the Executive Mansion in Springfield, if that meets the convenience of the Governor.

On motion of Mr. Nickell, the meeting adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

April 19, 1951



On invitation of Governor Adlai E. Stevenson, the April, 1951, meeting of the Board of Trustees of the University of Illinois was held in the Executive Mansion, Springfield, Illinois, on Thursday, April 19, 1951, beginning at 12:30 p.m.

The following members were present: President Livingston, Mr. Forno, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Megran, Mr. Nickell, Governor Stevenson, Mrs. Watkins.

Also present were President George D. Stoddard, Provost C. R. Griffith, Vice-President A. C. Ivy, Mr. J. F. Wright, Director of Public Information, Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

As the Board convened, Governor Stevenson withdrew from the meeting, stating that he would join the Board later for luncheon.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of February 15, 1951, press proof copies of which had been sent to all members of the Board in advance.

On motion of Mr. Nickell, the minutes were approved as printed on pages 533 to 598, inclusive.

REPORTS OF THE EXECUTIVE COMMITTEE

The Secretary presented the following reports of the Executive Committee.

APPOINTMENT OF DR. ARTHUR KIRSCHBAUM AS PROFESSOR AND HEAD OF THE DEPARTMENT OF ANATOMY

On recommendation of the President of the University, the Executive Committee of the Board of Trustees has approved the appointment of Dr. Arthur Kirschbaum, now on the faculty of the University of Minnesota School of Medicine, as Professor and Head of the Department of Anatomy in the College of Medicine on indefinite tenure beginning July 1, 1951, at an annual salary of \$10,500 a year (AY basis), and reports its action for record.

This report was received for record.

CONTRACTS FOR CONSTRUCTION OF CHICAGO HOUSING PROJECTS

Pursuant to the authorization of the Board of Trustees at its meeting on February 15, 1951, the Executive Committee has approved the awards of contracts for the construction of a student residence hall and a staff apartment building for the Chicago Professional Colleges, to be financed by a revenue bond issue also authorized by the Board on February 15 and subsequent actions taken on March 13, 1951, as follows:

Staff Apartment Building

General work — James McHugh Construction Company, Chicago....	\$ 959 200 00
Plumbing — M. J. Corboy Company, Chicago.....	178 653 00
Heating and ventilation — Associated Piping Contractors, Inc., Chicago.....	103 888 00
Electric wiring — Hoffman Electric Company, Chicago.....	134 760 00
Elevators — Houghton Elevator Company, Chicago.....	51 006 00

Student Residence Hall

General work — James McHugh Construction Company, Chicago....	\$1 334 750 00
Plumbing — M. J. Corboy Company, Chicago.....	123 118 00
Heating — Economy Plumbing and Heating Company, Chicago.....	122 700 00
Ventilation — Reliable Sheet Metal Works, Inc., Chicago.....	48 972 31
Electric wiring — White City Electric Company, Chicago.....	155 100 00
Kitchen and cafeteria equipment — Duparquet, Inc., Chicago.....	81 430 00
Walk-in refrigerators — Cork Insulating Company, Chicago.....	15 870 00
Refrigerator compressors and coils — Midwest Engineering and Equipment Company, Chicago.....	10 275 00
Elevators — Houghton Elevator Company, Chicago.....	45 277 00

Bids on the construction of these buildings were received on March 6, 1951, examined and checked by the architects for these projects and by the Physical Plant Department, and were reviewed by the Committee on the Chicago Departments at a meeting held on April 9. The Committee and the President of the University recommended awards of contracts as listed above and the same were approved by the Executive Committee.

The awards are all to the lowest bidders with the exception of the installation of elevators. In this case the architects and the Physical Plant Department recommended, the Committee on the Chicago Departments and the President of the University concurring therein, that the contracts for the installation of elevators in the two buildings be given to the second lowest bidder, the Houghton Elevator Company, Chicago, because (a) it was ascertained after the bids were received

that the Chicago Elevator and Machinery Company, the lowest bidder, is unable to furnish the automatic controls specified and, therefore, had not submitted a valid bid; and (b) this Company does not manufacture elevators but assembles them, purchasing parts from various manufacturers and hence might not be able to supply replacement parts to meet future needs.

On motion of Mr. Nickell, the action of the Executive Committee was confirmed by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following recommendations and reports presented by President Stoddard.

RECOMMENDATION FOR AN INCREASE IN THE BIENNIAL OPERATING BUDGET FOR 1951-1953

(1) The operating budget as approved by the Board of Trustees on September 29, 1950, included the following item: Salary and Wage Increases — \$2,400,000. This fund was equal to 5 per cent of the total wage and salary budget. (For the previous biennium there was available a fund equal to 10 per cent of all the wages and salaries.) It was indicated that the sum of \$2,400,000 was needed to provide for merit increases for the academic staff, for changes of rates in prevailing rate groups "assuming they do not exceed moderate amounts," and for comparable adjustments in the salaries and wages of other nonacademic employees. It was stated that this fund would be sufficient "barring material increase in the cost of living."

In the two-year period between September, 1948, and September, 1950, there had been a downward trend and then an upward trend, leaving the indexes for the two Septembers at about the same point. The trend between July, 1949, and September, 1950, had been slowly upward (a total of 5.3 in the index), but the over-all item of \$2,400,000 was believed to be sufficient to provide for this also.

Since that time there has been a steady upward trend. Accordingly, on March 13, 1951, the Board approved an increase in the fund for salaries and wages from \$2,400,000 to \$3,600,000, this change to be offset by revising Item IV, Estimated Savings Due to Lower Enrollments in 1951-1953, decreasing it from minus \$1,000,000 to minus \$2,200,000. This change provided a fund for increases equal to 7½ per cent of the wages and salaries. At the same meeting this statement was approved: "that further adjustments be considered if the cost-of-living index changes."

I regret to state that the cost-of-living index has gone up, the estimated index for March being 185. This is a net increase of 9.8 per cent over the index on July 1, 1949 (168.5). This situation accounted for the following statement in the budget message of the Governor, submitted to the Sixty-seventh General Assembly on April 10:

"This budget includes personal services appropriations to cover payroll costs at the levels established by the 66th General Assembly and merit increases for all employees who have not reached the maximum of their range. An additional \$14 million of General Revenue is included to cover cost of living increases to state employees, other than employees of the University of Illinois which makes its wage policies independently.

"The consumers' price index now stands at 184 compared with 169 in the spring of 1949. With prices continuing to advance, it seems likely that by the time the new biennium begins the index will have increased by about 10 per cent in the past two years. I believe that a compensating adjustment is imperative and I so recommend."

Now the wage and salary policy of the University of Illinois, as I understand it, includes these factors: (1) an adjustment to substantial changes in the cost of living as reflected in the index of the Bureau of Labor Statistics in prevailing rate and associated agreements and in the over-all decisions regarding state

employees, and (2) an equitable arrangement, with respect to the cost of living, between the academic and the nonacademic staffs.

It is clear from the change in the index and from the Governor's pronouncement that there will be a need for a 10 per cent adjustment, since University employees, both academic and nonacademic, will expect to share in any state-wide increase based upon cost of living.

I recommend, therefore, that Item III-A in the budget for 1951-1953, Salary and Wage Increases, be further revised from \$3,600,000 to \$4,800,000 in order to provide a fund equal to 10 per cent of the total salary and wage item and that the budget askings be revised upward by the sum of \$1,200,000, to a total of \$76,991,791.

On motion of Mr. Johnston, the biennial operating budget for 1951-1953 was revised as recommended.

APPOINTMENT OF LOUIS B. HOWARD AS ASSOCIATE DIRECTOR OF THE AGRICULTURAL EXPERIMENT STATION

(2) Professor William E. Carroll, Associate Director of the Agricultural Experiment Station, will retire from active service at the end of the current academic year. To replace him as Associate Director, I recommend the appointment of Dr. Louis B. Howard, now Professor and Head of the Department of Food Technology, to the combined positions of Professor and Head of the Department of Food Technology and Associate Director of the Agricultural Experiment Station, at an annual salary of \$14,000 (AY, BY basis). His appointment as Professor and Head of the Department will be, as at present, on indefinite tenure; his appointment as Associate Director of the Agricultural Experiment Station will be for two years from September 1, 1951, in keeping with the statutory provision of biennial tenure for deans and directors.

On motion of Mr. Fornof, this appointment was approved as recommended.

APPOINTMENTS TO THE FACULTY

(3) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. JOSEPH McVICKER HUNT, Professor of Psychology, beginning September 1, 1951, at an annual salary of \$10,000 (A).

2. WILLIAM E. KAPPAUF, Professor of Psychology, beginning September 1, 1951, at an annual salary of \$7,000 (A).

3. CARL CYRUS CLARK, Assistant Professor of Zoology, beginning September 1, 1951, at an annual salary of \$4,800 (B).

4. JOSEPH E. BACHELDER, Associate Professor in the Department of Sociology and Anthropology and in the Institute of Communications Research, beginning September 1, 1951, at an annual salary of \$7,500 (AY).

On motion of Mrs. Watkins, these appointments were confirmed.

MASTER OF SCIENCE IN HEALTH EDUCATION

(4) The University Senate recommends establishment of the following graduate curriculum in Health Education in the School of Physical Education, leading to the degree of Master of Science.

Admission Requirements

1. A minimum grade-point average of 3.5 for all courses taken during the last two years of undergraduate study.

2. Thirty semester hours of approved undergraduate credit in health education or closely related courses.

3. Twenty-four semester hours of approved undergraduate credit in science.

4. Sixteen semester hours credit in education.

5. A course in tests and measurements or statistics.

6. Students are not admitted on Limited Status.

Graduation Requirements

1. Eight units, to include (a) four units in health education or approved courses in physical education; (b) two units in education, including two of the

following one-half-unit courses: Education 301, Philosophy of Education; Education 302, History of American Education; Education 303, Comparative Education; Education 304, Social Foundations of Education; and the following one-half-unit courses: Education 311, Psychology of Learning for Teachers, and Education 312, Mental Hygiene and the School; (c) registration in and satisfactory completion of Health Education 490, Seminar, without credit; (d) presentation of an acceptable thesis in health education, two units. (The thesis requirement may be waived on petition, in which case two additional units of approved credit are required.)

2. A final comprehensive written examination in health education may be required, depending upon the program of courses and the accomplishment in Seminar and the thesis.

This proposal has been approved by the School of Physical Education and the Executive Faculty of the Graduate College.

I concur.

On motion of Mr. Hickman, this recommendation was adopted.

CHANGE IN THE DOCTORATE DEGREE IN LIBRARY SCIENCE

(5) The University Senate recommends that the degree of Doctor of Library Science be abolished and that in its place the degree of Doctor of Philosophy in Library Science be conferred upon candidates meeting the requirements for the doctorate in that field of graduate study. This is simply a change in the degree and does not affect the graduate program.

I concur.

On motion of Mr. Herrick, this recommendation was adopted.

CHANGES IN FEE STRUCTURE

(6) The University requires the following deposits of students registered in the colleges and schools in Urbana-Champaign:

1. General deposit of \$5 to insure payment of library fines, unreturned towels and locks and broken laboratory equipment issued to students.

2. Military deposit of \$10 to insure return of military equipment. (This is collected at registration from students in basic ROTC and is refunded at the end of the second semester of each year.)

3. Housing deposit of \$25 from students contracting for rooms in the residence halls and \$10 from students contracting for quarters in temporary housing facilities. This is credited to the lessee's account as the final payment due under the lease.

4. A key deposit of \$1 required of students to whom any kind of key is issued.

Administration of these deposits involves much bookkeeping. For example, library fines for holding books beyond the specified time limit if not paid at the library are charged against the general deposit of \$5 and, if this falls below \$2.50, students are required to bring it up to \$5.

The Committee on Fees and Scholarships has been studying this and makes the following recommendations for the Urbana-Champaign campus:

1. The collection of the \$5 general deposit shall be discontinued as of the 1951 summer session registration, and all outstanding balances shall be returned to depositors after the close of such summer session.

2. The military deposit shall be eliminated as of June 1, 1951, and officers in the Armed Forces (Departments of Military Science, Naval Science, and Air Force Science) who are responsible for instruction in the various basic courses in these departments shall be instructed to report a grade of "E" in each case where military equipment is not returned or payment made for shortages at the close of the academic year.

3. Effective September 1, 1951, the Housing Division shall be authorized to require a deposit in accordance with the types of accommodation, but not to exceed \$25, at the time leases are executed, this deposit to be retained until termination of the lease, or of occupancy in cases of lease renewal, and to be returned to lessee minus any outstanding charges when occupancy of quarters is terminated.

4. No special key deposit shall be required after September 1, 1951.

5. Effective September 1, 1951, the University Library shall be given the responsibility of collecting library fines and charges for lost books and in those cases where such charges are not paid promptly, shall report them to the Bursar who will collect the charge and make an additional service charge of \$1.

It is the judgment of the Committee that these changes will simplify the work and substantially reduce administrative expense.

I recommend approval.

On motion of Mrs. Holt, these recommendations were adopted.

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

(7) The Governor has approved the following releases of funds from appropriations made to the University of Illinois for 1949-1951 for permanent improvements at Urbana-Champaign.

Release No. 62

"Contingencies to cover expenditures for purposes for which the amount in any item enumerated is, or becomes insufficient".....\$65 000

This is a partial release from an appropriation of \$250,000. The Governor has previously released (Releases Nos. 33 and 55) \$80,000 from this appropriation. The funds now released are to supplement the appropriation for the construction of the Animal Sciences Laboratory.

Release No. 63

"Contingencies to cover expenditures for purposes for which the amount in any item enumerated is, or becomes insufficient"..... 85 000

This is a partial release from an appropriation of \$250,000. The Governor has previously released (Releases Nos. 33, 55, and 62) \$145,000 from this appropriation. The funds now released are to supplement the appropriation for the construction of agricultural structures and remodeling present agricultural buildings.

Release No. 64

"Contingencies to cover expenditures for purposes for which the amount in any item enumerated is, or becomes insufficient"..... 7 000

This is a partial release from an appropriation of \$550,000. The Governor has previously released (Releases Nos. 3, 5, 21, 22, 31, and 34) \$353,000 from this appropriation. The funds now released are to supplement the appropriation for the acquisition and installation of equipment in the Chemistry Building.

I recommend that these funds be appropriated by the Board for the purposes indicated.

On motion of Mr. Johnston, these funds were appropriated, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

Urbana-Champaign Campus

1. Construction of a chilling room at the Stock Pavilion for the Department of Animal Science.....\$10 000
2. Remodeling of the Hydraulic Engineering Laboratory for the Department of Civil Engineering..... 15 000
3. Equipment for cartography for the Department of Geography, College of Liberal Arts and Sciences..... 5 000
4. Repair of tables for the University Library..... 4 730

5. Construction of parking area, including landscaping, to serve the Veterinary Medicine Building, Mumford Hall, and other buildings in that vicinity..... 33 500
6. X-ray equipment for the Department of Geology..... 14 600

Chicago Professional Colleges

7. Rehabilitation of lockers in the Department of Anatomy..... 900
8. Acquisition of a colony of experimental mice for the College of Medicine 5 500
 - Transportation and equipment.....\$3 200
 - Installation of ventilating fans and a package air-conditioning unit for the room in which the mice will be housed..... 2 300
9. Equipment for the College of Pharmacy..... 1 000
10. Air-conditioning and ventilating work in the Betatron, this assignment to be made from the Chicago nonrecurring fund..... 5 027

I recommend that these appropriations be made from the General Reserve Fund, except as indicated in the last item.

On motion of Mr. Nickell, these appropriations were made, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

APPROPRIATION FOR FIRE PROTECTION AND SAFETY IMPROVEMENTS IN AGRICULTURAL ENGINEERING BUILDING

(9) The Board of Trustees has assigned \$40,000 from the state appropriation for 1949-1951 of \$200,000 (plus \$15,000 for contingencies) for "Construction of agricultural structures and remodeling present agricultural buildings" for remodeling and improving space in the Agricultural Engineering Building. The Board also assigned \$120,000 for construction of new space.

This remodeling and improvement, which will make the building as functionally useful as possible, should not be undertaken before certain fire hazards are eliminated. The Director of the Physical Plant and the College of Agriculture have prepared a plan for long-range use of the building in compliance with safety code regulations to provide the degree of safety in the Agricultural Engineering Building which is necessary as a minimum program:

- Installation of sprinkler system in the original building and tractor laboratory which could be accomplished without major building alterations..\$30 000
- Construction of a new enclosed stair in the southeast corner of the building with direct access to the exterior and to the floor over the existing stair which is adjacent to the elevator shaft..... 8 500

Other, less urgent, improvements will be recommended later.

It is desirable that the remodeling and improvements for which the assignment of \$40,000 was made from the state appropriation and the safety improvements be done concurrently. The Provost, the Director of the Physical Plant, and the Comptroller recommend an appropriation of \$38,500 from the General Reserve Fund to initiate this program of fire protection and safety improvements.

I concur.

On motion of Mr. Grange, this appropriation was made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

APPROPRIATION FOR DEPARTMENT OF AGRICULTURAL ENGINEERING

(10) The Dean of the College of Agriculture and the Comptroller recommend that an appropriation of \$1,260 be made from accumulated receipts of the Department of Agricultural Engineering for the purchase of a pickup truck to replace one purchased in 1938.

These funds are available in surplus receipts of the Department reserved for its use.

I concur.

On motion of Mrs. Holt, this appropriation was approved by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

ADDITIONAL FUNDS FOR THE DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(11) The budget for 1950-1951 for the Division of Services for Crippled Children includes \$253,284 which is received from federal funds to supplement state appropriations for this program.

Congress has made available additional moneys for allocation to various states, and the portion of such additional funds available to the Division of Services for Crippled Children in Illinois is \$66,000. This will supplement the present program and also provide for treatment of epilepsy cases. The Director of the Division of Services for Crippled Children recommends acceptance of these additional funds and their appropriation for the use of the Division.

I concur.

On motion of Mr. Nickell, this appropriation was made by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

Vice-President Ivy stated that legislation is before the Sixty-seventh General Assembly of Illinois to transfer the Division of Services for Crippled Children to the State Department of Public Welfare and that he had already been called upon to testify on this proposal.

On motion of Mr. Nickell, seconded by Mr. Hickman, the Board voted to authorize and request Vice-President Ivy to inform appropriate committees of the General Assembly that, in the judgment of the Board of Trustees of the University of Illinois, it would be contrary to the best interests of the educational and research program of the Division of Services for Crippled Children to transfer the Division from the University to the Department of Public Welfare.

EASEMENTS TO THE MEDICAL CENTER STEAM COMPANY

(12) It is necessary that the Board of Trustees of the University of Illinois grant certain easements to the Medical Center Steam Company for construction of distribution lines on University property. The easements are recommended by the Director of the Physical Plant and the Comptroller. The Legal Counsel has prepared the necessary documents.

I recommend that the Comptroller and the Secretary of the Board be authorized to execute such easements.

On motion of Mr. Fornof, these easements to the Medical Center Steam Company were approved, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

RELOCATION OF ALLEY ON SITE OF STUDENT RESIDENCE HALL, CHICAGO

(13) In connection with the construction of a student residence hall for the Chicago Professional Campus, it is necessary to vacate the alley now on the site. The city of Chicago has agreed to a procedure under which the University, through the Medical Center Commission, will provide land to relocate the alley.

An ordinance vacating the present alley is being acted upon by the Council of the city of Chicago. Before such an ordinance becomes effective, the University is to dedicate the south sixteen feet of the property of 821 South Winchester Avenue, to provide a means of egress to take the place of the alley being vacated. The Comptroller and the Director of the Physical Plant recommend that the following resolution be adopted:

Resolved, That when the Board of Trustees of the University of Illinois shall acquire title to the following described real estate, this Board does hereby authorize, empower, and direct the Comptroller and the Secretary of this Board, in the name and on behalf of this Board, to execute and deliver to the city of Chicago, a plat of dedication, to wit: South Sixteen (16) feet of Lot Sixty-one (61) in the Potter Palmer subdivision of Lot Eleven (11) and that part of Lot Twelve (12) lying South of the center line of Polk Street, except Winchester Avenue in Codwise's Subdivision of the West Half (W $\frac{1}{2}$) of the Southeast Quarter (SE $\frac{1}{4}$) of Section Eighteen (18), Township Thirty-nine (39) North, Range Fourteen (14) East of the Third Principal Meridian, except the West One and Thirty-seven Hundredths (1.37) chains.

I concur.

On motion of Mr. Johnston, this resolution was adopted by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

REMOVAL OF OVERHEAD PUBLIC UTILITIES AT CHICAGO PROFESSIONAL COLLEGES

(14) It is necessary that an alley running through University property directly south of Polk Street between Wolcott Street and Winchester Avenue in Chicago be vacated. An ordinance providing for this will be presented to the City Council on April 19. The vacation of this area is now necessary because of the construction of a student residence hall for the Chicago Professional Colleges. This will require relocation of the overhead lines of the Commonwealth Edison Company and the Illinois Bell Telephone Company to an area to be conveyed by the Medical Center Commission to the University.

Since this change is for the convenience of the University, it should pay the expense of relocating the public utilities lines. The Commonwealth Edison Company has estimated its cost at \$2,842 and the Illinois Bell Telephone Company's estimate is \$1,600. The Director of the Physical Plant and the Comptroller recommend that these expenditures be authorized. Funds are available and have been released from the state appropriation "Permanent Improvements at Chicago—Construction of Utility Distribution System and remodeling of existing buildings."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents.

On motion of Mrs. Watkins, authority was given as recommended.

CONTRACT FOR WRECKING OF BUILDINGS AT 821-23 AND 825 SOUTH MARSHFIELD AVENUE, CHICAGO

(15) The Medical Center Commission is transferring to the University land needed for the staff apartment building and student residence hall to be constructed for the Chicago Professional Colleges. The buildings on the property at 821-23 and 825 South Marshfield Avenue, Chicago, which is part of the area to be transferred, will have to be demolished.

The Director of the Physical Plant and the Comptroller recommend award of a contract for \$2,235 to the Bosley Wrecking Company, Chicago, the lowest bidder, for razing of these buildings, subject to the completion of the transfer of the land to the University and final sale of the bond issue for these housing projects. The cost of this site clearance will be paid from the proceeds of the bond issue.

I concur and recommend that the Comptroller and the Secretary be authorized to execute this contract accordingly.

On motion of Mr. Johnston, this contract was authorized as recommended.

**CONTRACT FOR IMPROVEMENTS IN BETATRON BUILDING
AT THE CHICAGO PROFESSIONAL COLLEGES**

(16) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$10,690 to the Midwest Engineering and Equipment Company, Chicago, the lowest bidder, for changes in the Betatron Building at the Chicago Professional Colleges to provide proper ventilation. The work will consist of replacing the present oversized ventilating unit with a smaller air-conditioning unit to supply cool dehumidified air in the summer and warm air in the winter months.

There is a balance of approximately \$7,000 in an appropriation previously made by the Board for the Betatron installation. The special appropriations for nonrecurring expenditures being recommended in today's meeting includes an item of \$5,027 to supplement that balance and to provide for the installation of the air-conditioning equipment.

Subject to approval of this appropriation, I recommend that this contract be awarded and that the Comptroller and the Secretary of the Board be authorized to execute it.

On motion of Mrs. Holt, this contract was authorized as recommended.

**CONTRACT FOR FUEL STORAGE TANK AND PIPING FOR DIESEL
ENGINE GENERATOR AT ABBOTT POWER PLANT**

(17) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$7,844 to Gallaher and Speck, Chicago, the lowest bidder, for the installation of a fuel oil storage tank and necessary piping for the Diesel engine house to be constructed as part of the addition to the Abbott Power Plant.

Funds are available in the state appropriation for "Additions to Power and Heating Plant and remodeling of existing buildings."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, this contract was authorized as recommended.

CONTRACT FOR INSTALLATION OF PIPING IN STEAM TUNNEL

(18) The Board of Trustees appropriated \$14,000 for the improvement of the main campus steam condensate return system of which \$6,000 had been budgeted for the installation of a six-inch return pipe in a tunnel from First Street to Euclid Avenue and \$8,000 for the installation of a vacuum pump in the new vault adjacent to the tunnel system at the Administration Building.

The following bids have been received on the installation of piping:

Gallaher and Speck, Inc., Chicago.....	\$11 500
William A. Pope Company, Chicago.....	11 608
Associated Piping Contractors, Inc., Chicago.....	11 920
N. J. Holleran, Inc., Chicago.....	16 765

This will require \$6,000 of additional funds which can be provided from balances in budgeted appropriations to the Physical Plant Department for the current fiscal year.

The Director of the Physical Plant and the Comptroller recommend award of a contract for \$11,500 to Gallaher and Speck, the lowest bidder.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Nickell, this contract was authorized as recommended.

**CONTRACT FOR ACOUSTICAL TREATMENT OF ROOMS IN
SMITH MUSIC HALL AND STIVEN HOUSE**

(19) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$6,985 to the Acoustical Floor Tile Company, Champaign, the lowest bidder, for acoustical treatment in rooms in Smith Music Hall and Stiven House.

This is part of a program of improvements for which the Board made a special appropriation on January 23, 1951, and funds are available. The lowest bid is well below the estimate of the cost of this phase of the work.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Herrick, this contract was authorized as recommended.

CONTRACT FOR CONSTRUCTION OF DRIVE, WALKS, AND PARKING AREA ON SOUTH CAMPUS

(20) The recommendation for Special Appropriations for Nonrecurring Expenditures includes an item for the construction of (a) extension of Taft Drive, (b) a minor service road, (c) sidewalks, (d) lawn drainage outlets, and (e) a parking lot in the vicinity of Mumford Hall and the new Veterinary Medicine Building.

The following bids have been received on the first four of these items:

General Paving Company, Champaign.....	\$15 600
Champaign Asphalt Company.....	16 560
John Felmley Company, Bloomington.....	18 000

Bids were previously taken on the construction of a larger parking lot in the same area, to accommodate approximately 240 cars; this is not being recommended because of the cost involved. The General Paving Company, lowest bidder on projects (a) to (d) listed above, was also lowest bidder on the construction of the larger parking lot and it has offered to construct the smaller lot for 78 cars at a cost of \$10,380. The Physical Plant Department considers this a satisfactory estimate.

The Director of the Physical Plant and the Comptroller recommend the award of a contract of \$15,600 to the General Paving Company for the work on items (a) to (d) and a contract for \$10,380 for construction of a 78-car parking lot with an asphaltic surface.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

On motion of Mrs. Holt, these contracts were authorized as recommended.

ADDITION TO GENERAL CONTRACT FOR REMODELING OF ENGINEERING RESEARCH LABORATORY

(21) The Director of the Physical Plant and the Comptroller recommend an addition of \$11,330 to the contract with the John Felmley Company for the general work of remodeling the Physical Plant Service Building, now known as the Engineering Research Laboratory, to complete the fourth floor. This area was not included in the original contract in order to keep down the cost of the remodeling. The additional space which will be made available is urgently needed for research projects.

Funds are available in a special appropriation made by the Board of Trustees on February 15, 1951, for this project.

I concur and request that the Comptroller be authorized to execute this contract addition.

On motion of Mr. Grange, authority was given as recommended.

ADDITION TO CONTRACT FOR CONSTRUCTION OF POWER PLANT CHIMNEY

(22) The University has a contract with the Custodis Construction Company, Inc. of Chicago for (a) the construction of a brick chimney for the Abbott Power Plant and (b) inspecting the present concrete chimney and making recommendations for repairing it. The new chimney will supplement, not replace, the present stack as a second chimney is needed to service the addition to the Power Plant. The Custodis Construction Company, Inc. in its report on rehabilitation of the present concrete stack recommends, as the best solution, replacing it with a new all-brick stack. It is estimated that this would cost \$60,000. In the opinion of

Sargent and Lundy, Engineers, Chicago, who designed the Power Plant, and the Director of the Physical Plant, the repairs recommended by the Custodis Construction Company, Inc. as an alternate solution would make the present stack serviceable. The estimated cost of this is \$9,500.

The Director of the Physical Plant and the Comptroller therefore recommend an addition to the contract with the Custodis Construction Company, Inc. for repairing the present concrete stack on the following cost basis, but not to exceed \$9,500: labor, material, and contractor's insurance at actual cost; living expenses of a foreman and two helpers during the job at \$5 per day each; rental of equipment at \$10 per day; plus 15 per cent of all costs for overhead expenses, and 20 per cent of all costs for profit.

Funds are available in the Physical Plant budget.

I recommend that the Comptroller be authorized to execute this addition to the contract.

On motion of Mr. Johnston, authority was given as recommended.

ADDITION TO CONTRACT FOR CONSTRUCTION OF ANIMAL SCIENCES LABORATORY

(23) The Director of the Physical Plant and the Comptroller recommend an addition of \$1,925.75 to the contract with Sumner S. Sollitt and Company, Chicago, for the general work on the construction of the Animal Sciences Laboratory for the construction of quarters on the roof for the Department of Astronomy and the Division of General Studies. The Board of Trustees on March 13, 1951, made an assignment of funds for this work.

I concur and recommend that the Comptroller be authorized to execute the necessary change order.

On motion of Mrs. Watkins, authority was given as recommended.

ADDITION TO THE CONTRACT FOR EXTENSION OF GOODWIN AVENUE

(24) The University has a contract with the General Paving Company, Champaign, for the construction of an asphalt surface drive with concrete curbs for the extension of Goodwin Avenue south from Gregory Drive to Pennsylvania Avenue.

This extension was planned so that the drive would run slightly southeast to connect with a future extension of Goodwin Avenue south from Pennsylvania Avenue. As a result the intersection with Pennsylvania Avenue was designed to be of a temporary character. Reconsideration of the traffic problem involved indicates that it would be better to extend this drive directly south and that a right angle intersection with Pennsylvania Avenue is preferable to a diagonal crossing. Hence, the intersection with Pennsylvania Avenue should be of a permanent character and should be constructed of concrete.

The Director of the Physical Plant and the Comptroller recommend an addition of \$3,700 to the contract with the General Paving Company for concrete construction instead of asphalt in this intersection area. The construction of this extension will be paid from the state appropriation for "Construction of Animal Sciences Laboratory." This is a proper charge since the construction of this building has required closing Mathews Avenue and an alternate route is needed. Sufficient money is available for the addition to the contract.

I concur and recommend that the Comptroller be authorized to execute this change.

On motion of Mr. Hickman, authority was given as recommended.

ADDITION TO CONTRACT FOR ENGINEERING SERVICES ON STORM SEWER DESIGN

(25) The University has a contract with Wilson and Anderson, Engineers, Champaign, for engineering services in designing a storm sewer along the road north and immediately in front of the Floriculture and Vegetable Greenhouses to connect with the Lincoln Avenue storm sewer in Urbana. Preliminary studies indicate that the Lincoln Avenue sewer, in addition to draining the area in the immediate vicinity of the greenhouses, could provide a much needed outlet for a

larger area extending west as far as the site of the proposed new residence hall for men on Fourth Street. These studies also indicate that it would be more economical to use the Lincoln Avenue storm sewer as an outlet for such drainage than to construct a storm sewer connecting with the Boneyard.

Although funds are not available for actual construction of the storm sewer, it is desirable to prepare plans and specifications. The Director of the Physical Plant and the Comptroller, therefore, recommend that the contract with Wilson and Anderson be amended to provide for the preparation of plans and specifications on a revised program, on the following terms: (a) for design, plans, and specifications, a fee of $3\frac{1}{2}$ per cent of construction costs based on an estimated total of \$100,000, plus 3 per cent on that portion of construction cost in excess of \$100,000; (b) for general direction of the work, a fee of $3\frac{1}{2}$ per cent of the actual cost if construction is undertaken; (c) in the event the services of an engineer for continuous inspection and supervision are desired, such services to be provided on the basis of net wages plus 15 per cent for overhead.

The total estimated cost of the engineering services is \$5,900. Funds are available for this, subject to the release by the Governor, in the state appropriation for "Construction of extensions to the Utility Distribution Systems."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this modified contract.

On motion of Mr. Herrick, authority was given as recommended.

SALE OF HOUSE ON McCULLOUGH FARM

(26) Among the improvements acquired with the McCullough farms purchased in 1949 for the College of Agriculture, on the north portion of the farm assigned to the Dairy Science Department, is a two-story dwelling house. It is of poor construction. It was appraised at \$1,600 at the time of purchase.

The Physical Plant Department has estimated that \$12,000 would be required for rehabilitation and modernization of this dwelling. The Department of Dairy Science recommends that the house be advertised for sale and removed from the property.

I request authority for the disposal of this house by sale to the highest bidder.

On motion of Mrs. Holt, authority was given as recommended.

COMPREHENSIVE DEVELOPMENT PLAN FOR CHAMPAIGN-URBANA

(27) In 1947 there was organized in Champaign-Urbana a Community Housing and Development Council to provide for planning for the civic growth and development of the local community and of the University of Illinois. The University was largely responsible for the organization of the Council, on which it has representatives. The work of the Council has been significant in promoting the development of additional residential housing but it has been chiefly concerned with a long-range plan for over-all development. The Council employed Swanson Associates, Bloomfield Hills, Michigan, to prepare this master plan. The job is finished and a "Comprehensive Development Plan for Champaign-Urbana" has been produced. A copy of this plan has been sent to each member of the Board of Trustees.

The University, through an appropriation of \$20,000 made by the Board of Trustees on February 21, 1948, contributed to the cost of preparing this Plan. Among the advantages to the University which will result from its application are: (a) better housing and civic improvement which will aid in securing staff and in providing living quarters for both students and staff; (b) a reduction in the amount of staff housing the University will need to provide; (c) improvement of traffic conditions; (d) extension of utilities and other municipal services; and (e) proper co-ordination of University and community expansion. It would have been necessary for the University in any case to do a considerable part of the planning included in this project.

The Comprehensive Development Plan is a long-term outline as a guide for public and private developments. The recommendations it contains are not arbitrary requirements. The Plan as conceived by the planners must be considered flexible. It offers an acceptable working guide for future development so far as the University is concerned.

While the University as a separate governmental entity of the state acts in accordance with state laws, it is the policy of the University to co-operate with local authorities in dealing with problems of mutual concern.

With these conditions in mind, the University's Building Program Committee recommends that the Board of Trustees accept the Comprehensive Development Plan as a general guide for the future development of the campus at Urbana-Champaign.

I concur.

On motion of Mr. Fornof, this recommendation was adopted.

BEQUEST OF BENJAMIN F. HUNTER

(28) The late Benjamin F. Hunter of Lebanon, Indiana, who died on January 22, 1951, left an estate, in which the University of Illinois has an interest, consisting of certain securities, the value of which has not yet been ascertained, residence property in Lebanon in which he lived, approximately 240 acres of farm land in DeWitt County, Illinois, and approximately 450 acres of farm land in Piatt County, Illinois. Under his will, Miss Ruth Alice Hundley of Lebanon, Indiana, is bequeathed \$10,000 plus certain personal property, and a life estate in the residence property in Lebanon and in the DeWitt County farm lands. The remainder in those properties after her death and all the farm land in Piatt County are bequeathed and devised to the Millikin Trust Company, Decatur, as trustee of a fund to be used for undergraduate scholarships at the University of Illinois and its several branches for worthy and needy students from farm homes in Illinois. The will also provides cash legacies to two other friends and to two brothers and one sister of Mr. Hunter. The Illinois State Museum is to receive certain personal property, including collections of antique clocks, furniture, and other household furnishings. The bequest in this case is validation of a gift of these articles previously made to the Museum but retained in the possession of Mr. Hunter during his lifetime. Miss Hundley and the Millikin Trust Company of Decatur are named Executors.

The scholarships are to be designated "The Jeanette Evangeline and Benjamin F. Hunter Scholarship" in memory of Mr. Hunter and his wife, who predeceased him. She was an alumna of the University of Illinois.

Mr. Hunter's two brothers and sister, all of whom live in California, succeeded in filing informal objections to the will and to its admission to probate in the Boone County, Indiana, Circuit Court two days after his death and two days before the Executors obtained possession of the will and filed it for probate. Subsequently, the heirs filed formal objections to admission of the will to probate, charging that Mr. Hunter was not mentally competent to make a will at the time it was executed and that execution by him of the will was procured by fraud and undue influence exercised by persons unknown to the objectors and that the will was not properly executed. Under Indiana law, filing of objections to a will even before it has been filed for admission to probate is permissible. This places upon the proponents of a will the burden of establishing its validity and a unanimous verdict of twelve jurors must be obtained when a trial is had under such proceedings in order to secure admission of the will to probate in Indiana. In the meantime, on petition of the objectors, the Court has appointed the Boone County State Bank, Lebanon, Special Administrator, whose sole function is to preserve the personal property of the estate.

Since so much of the real property of the estate is in Illinois, it may be possible to secure the admission of the will to probate in this state before a trial is had in Indiana, but this requires producing the will in the Illinois Court. The original is now on file in the Office of the Clerk of the Boone County Circuit Court in Indiana, which Court will undoubtedly refuse to permit its withdrawal from the custody of its Clerk while the present proceeding is pending in that Court. The objectors are certain to resist any such move. It may be possible to secure admission of the will to probate in Piatt or DeWitt County, Illinois, by providing a certified photostatic copy instead of the original. Whether this can be done is doubtful.

The validity of the will having been challenged, its executors may not use any funds of the estate for the purpose of defending it. In the meantime, certain

legal steps should be taken to protect the interests of the legatees, including the potential and unknown beneficiaries of the scholarship trust.

A conference to discuss this matter was held in Decatur, Illinois, on March 29 at which the following were present: Mr. Ralph J. Monroe of Monroe and McGaughey, Decatur, Counsel for the Millikin Trust Company, the Illinois Executor named in the will and trustee of the trust provided therein; Mr. Charles Ruedi, Chief Trust Officer of the Millikin Trust Company; Mr. W. H. Parr, Jr. of Parr, Parr, and Parr, Lebanon, Indiana, representing Miss Ruth Alice Hundley, the Indiana Executor and one of the principal legatees; Dr. Thorne Deuel, Director of the Illinois State Museum; Mr. Elmer Nafziger of the firm of Stevens and Herndon, Springfield, who represented the Attorney General of Illinois in connection with the interests of the State Museum; and Mr. Ralph F. Lesemann, representing the University of Illinois.

Those primarily interested in establishing the validity of the will are Miss Hundley (the Indiana Executor) and the University of Illinois, the latter for the protection of the interests of potential beneficiaries—young men and young women from farm homes in Illinois who would receive financial assistance in securing a college education. On the other hand, since the University will receive no direct benefits, it would not be justified in paying a substantial amount from its own funds in an attempt to establish validity of the will. Miss Hundley is financially unable to make a substantial contribution to the expense of the litigation unless she receives what is bequeathed and devised to her in the will. For these reasons, it is obvious that attorneys should be employed on a contingent fee basis with beneficiaries providing only the funds needed for defraying expenses of litigation other than legal fees. It is estimated that the immediate expenses will be between \$1,200 and \$1,500 although they may run higher, depending on progress of the trial and whether or not an appeal is taken by either party from a verdict and judgment adverse to it.

It was agreed by the participants in the conference, subject to approval of those for whom they are acting, that Miss Hundley, the principal beneficiary, should contribute one-third of the funds for the initial expenses; the University, one-third; the Illinois State Museum, one-sixth; and the Millikin Trust Company, one-sixth. This would require an initial expenditure by the University of \$400 to \$500 which should be made available not later than May 1.

Representatives of the law firms of Monroe and McGaughey and Parr, Parr, and Parr stated that their firms will handle all the litigation necessary, and will act as attorneys for the executors in connection with the administration of the estate, for a contingent fee of 25 per cent of the value of the gross estate (excluding the value of the personal property bequeathed to the Illinois State Museum), as valued in Indiana and Illinois inheritance tax and in federal estate tax returns, subject to a maximum fee of \$50,000 if only one trial proves necessary, plus an additional \$5,000 if an appeal has to be taken from a verdict and judgment adverse to the validity of the will, plus another \$5,000 for a second trial of the case if necessitated by failure of the jury in the first trial to reach a verdict or by an appeal resulting in a second trial being ordered. The representatives of the two firms agreed that the legal fees may be paid out of income, provided the payments can be made within four years after admission of the will to probate, so that it would not be necessary to sell any of the property to pay fees. Miss Hundley will contribute to these fees in proportion to her share of the estate.

In the opinion of Mr. Ralph F. Lesemann, University Counsel-elect, this litigation should not be handled by the University's Legal Counsel. First, the University is only one of the parties interested. Second, if the University Counsel assumed charge of the litigation, it would be necessary for him to employ Parr, Parr, and Parr, or some other counsel in Indiana, to assist in preparing for the trial since much of the work could not be done by any Illinois lawyer without local assistance in Indiana. Third, if the University Counsel were to assume active charge, he would need to devote much time and work to it and the University would, therefore, incur more expenses payable from its funds than would be justified in view of the nature of its interest. He recommends that the Board of Trustees authorize payment of an initial contribution of \$400 toward the expenses of this litigation other than attorneys' fees. No formal action by the Board need be

taken at this time on the question of employment of attorneys, since they have already been retained by the Indiana and Illinois executors. There is a possibility that the Attorney General of Illinois may appear in the legal proceedings to represent the interests of the unknown beneficiaries of the charitable trust which would be established under the will.

I recommend that the Board authorize a contribution of \$400 toward the expenses of this litigation.

On motion of Mr. Hickman, this payment was authorized.

C.P.A. LITIGATION

(29) The Circuit Court of Cook County in the case of *Chatkin et al. v. University of Illinois et al.* has declared that the provision for the examination in Section 4(b) of the Accountancy Act of 1943, as amended, does not meet constitutional requirements and is therefore void. Under this provision of the law the University issued certificates of Certified Public Accountant to applicants who have held unrevoked certificates of registration as Public Accountant (issued by the Department of Registration and Education under "An Act to afford protection to the public by prescribing and regulating the practice of public accounting by registration," approved July 7, 1927, as amended) for at least five years, who have been engaged in the practice of public accounting in Illinois for at least five years, and who successfully passed a written or oral examination given by a special board of five examiners appointed by the University with the approval of the Department of Registration and Education.

Approximately 133 C.P.A. certificates have been issued by the University since 1943 under the section held unconstitutional in this case. The suit was defended by Mr. Ralph F. Huck, representing the Illinois Society of Certified Public Accountants, Mr. William C. Wines for the Attorney General, representing the Department of Registration and Education, Mr. Herbert Stoffels, representing the Public Accountants Association of Illinois, and Professor W. E. Britton, representing the University. The two professional organizations are seeking legislation to remedy the defects in the statute and to preserve the C.P.A. certificates already issued under the void section.

The court decision does not affect other sections of the Accountancy Act under which the University of Illinois has been issuing C.P.A. certificates since 1903. These include the successful candidates in the standard C.P.A. examinations given in May and November of each year, applicants who hold C.P.A. certificates issued on the basis of written examinations by other states, territories, and the District of Columbia and who can meet certain educational requirements specified by law, and applicants who hold unrevoked certificates of registration of Public Accountant in Illinois issued on the basis of the regular semi-annual written examination by the Department of Registration and Education under the Public Accounting Act of 1927, provided such candidates applied for the same within one year following the passage of the Accountancy Act of 1943. Applicants in this last category were not required to pass any further examination. Section 4(b), which has now been declared unconstitutional, provides that it would be operative only in cases of candidates who made application ten years following the Act of 1943.

This report was received for record.

The Secretary of the Board reports that in view of the decision of the Circuit Court of Cook County in the case of *Chatkin et al. v. University of Illinois et al.*, holding that the provision for the examination in Section 4(b) in the Accountancy Act of 1943 does not meet constitutional requirements and is void, the issuance of C.P.A. certificates to the following candidates who were awarded the same by the Board of Trustees has been withheld:

BERNARD BLUM
LEE ROY DEHLER
IRVING FISCHEL KRAMER

GEORGE C. MATTRAN
DANIEL M. SIMON
TIMOTHY JOSEPH SULLIVAN

Award of these certificates was approved at the February 15, 1951, meeting of the Board but were not prepared and ready for delivery to the candidates until after the court decision was handed down on February 28 and became known to University officials. Under these circumstances, issuance of such certificates, even though authorized prior to the date of the decision, might nevertheless be regarded as contempt of court.

A footnote has been added to the report of the action of the Board of Trustees in the minutes of the meeting of February 15, 1951.

On motion of Mrs. Holt, the action of the Secretary of the Board in this matter was confirmed.

PATENT POLICY AND GOVERNMENT RESEARCH CONTRACTS

(30) Negotiations are in process with various agencies of the government for classified research projects. Such projects may be designated Restricted, Confidential, Secret, or Top Secret. In accordance with the terms of the agreements and government regulations, only University persons who have secured proper clearance by the government may have knowledge of the investigations.

While all these projects are in the interest of national defense, every effort is made to select projects in fields in which the University is already engaged, or would be engaged if funds permitted. The University Research Board and the Defense Research Coordinating Committee have advised that such classified projects should be accepted.

In certain projects the United States government requires that title to inventions, patents, or copyrights, and the decision as to whether results may be published, remain with the government. This is contrary to a general policy of the University. After a thorough review of the pending contracts, it is recommended by the Chairman of the University Research Board, the Chairman of the Defense Research Coordinating Committee, and the Comptroller that the policy of the University with respect to inventions, patents, and copyrights be waived when so required by the United States agency with which an agreement for classified research is negotiated.

I concur.

On motion of Mr. Herrick, this recommendation was adopted.

RELEASE OF INVENTION OF " 'O' RING COUPLER "

(31) Mr. Frank E. Witt, an instrument maker in the Department of Physics, has invented what he describes as an "'O' Ring Coupler" which may have certain uses in the construction of scientific equipment. It is the judgment of the University Research Board that the device is not of basic scientific importance and does not warrant development by the University. Accordingly, the Research Board recommends that the invention be released to Mr. Witt.

I concur.

On motion of Mr. Grange, the release of this invention was authorized as recommended.

ANNUAL REPORT OF UNIVERSITY TREASURER

(32) In accordance with the By-Laws of the Board, the Treasurer of the University has submitted a report of the operations of his office for the period March 1, 1950, to February 28, 1951, certified by the Comptroller. Signed copies of this report are filed with the Secretary of the Board, and a copy is sent to each member of the Board.

The report covers the period of service of I. L. Porter, Treasurer (who died on December 24, 1950, while in office), from March 1, 1950, to January 4, 1951, and the operations of C. W. Weldon, Treasurer, from January 4, 1951, the date he qualified as Treasurer, through February 28, 1951.

On motion of Mr. Johnston, this report was received for record.

**RESOLUTION AUTHORIZING DELEGATION OF SIGNATURES ON
PAYMENTS FROM "UNIVERSITY OF ILLINOIS COLLEGES OF
DENTISTRY, MEDICINE, AND PHARMACY CONSTRUCTION FUND ACCOUNT"**

(33) The proceeds of the revenue bonds to be issued to finance the construction of the Student Residence Hall and the Staff Apartment Building for the Chicago Professional Colleges are to be set up in the "University of Illinois Colleges of Dentistry, Medicine, and Pharmacy Construction Fund Account" in the Trust Department of the First National Bank of Chicago. Withdrawals from this account may be only upon order of the Comptroller and the Treasurer of the Board of Trustees. It is desirable that they be authorized to delegate their signatures to expedite payments from this account.

The following resolution will accomplish this, and I recommend its adoption:

Resolved, that the Comptroller and the Treasurer of the Board of Trustees of the University of Illinois are authorized to delegate the signing of their names as Comptroller and Treasurer, respectively, to orders to be presented to the First National Bank of Chicago on withdrawals from the University of Illinois Colleges of Dentistry, Medicine, and Pharmacy Construction Fund Account.

The Comptroller of the Board of Trustees is authorized to delegate to H. A. Hazleton, to G. H. Pontious, and to H. O. Albers in Chicago authority to sign his name as Comptroller of the Board of Trustees to orders to the First National Bank of Chicago making withdrawals from the University of Illinois Colleges of Dentistry, Medicine, and Pharmacy Construction Fund Account.

The Treasurer of the Board of Trustees is authorized to delegate to Joseph J. Kaberna and to Harlow W. Gregory authority to sign his name as Treasurer of the Board of Trustees to orders to the First National Bank of Chicago making withdrawals from the University of Illinois Colleges of Dentistry, Medicine, and Pharmacy Construction Fund Account.

On motion of Mr. Nickell, this resolution was adopted.

EASEMENTS TO CITY OF URBANA OVER UNIVERSITY LAND

(34) The city of Urbana has requested easements over property owned by the University of Illinois for (a) the installation of a 24-inch storm sewer from Springfield Avenue at Harvey Street, south to the Boneyard, to replace an existing 12-inch sewer; (b) the installation of a new 10-inch sewer from the intersection of Florida Avenue and Lincoln Avenue south and west approximately 825 feet to connect to an existing field drain with an outlet to the Embarrass River watershed.

The city will pay the entire cost of the installation from gas tax funds. Both outlets are necessary to provide proper drainage.

The first project (a) will cross only a service area used by the Physical Plant Department; the second will cross areas used by the College of Agriculture.

The Director of the Physical Plant and the Comptroller recommend that easements be granted the city of Urbana to construct and maintain such sewers at the city's expense, provided that the city will replace top soil, remove excess soil, and assume responsibility for any damages to persons or property.

I concur.

On motion of Mr. Herrick, this recommendation was adopted by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

**CONTRACT FOR CONSTRUCTION OF PLAYGROUND AT STUDENT
AND STAFF APARTMENT BUILDINGS**

(35) There is need for a playground at the Student and Staff Apartment Buildings at Green Street and Goodwin Avenue in Urbana. The University has a contract with the Champaign Asphalt Company for the construction of a parking lot at 1108 West Green Street near the apartments. This Company has offered to construct the playground which will include grading of approximately 6,400 square feet of ground for drainage, construction of catch basins and connecting

them with the existing drainage systems, laying of a four-inch stone subbase covered with a two-inch asphalt surface, and installation of playground equipment for \$3,160. This estimate has been checked by the Physical Plant Department and is considered a fair price. Adding this relatively small playground project to the present contract with the Champaign Asphalt Company will save the cost of preparing drawings and specifications.

Funds are available in the construction account of the Student and Staff Apartment Buildings for this contract addition.

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mr. Grange, authority was given as recommended.

CONTRACT FOR ELECTRICAL IMPROVEMENTS IN STOCK PAVILION

(36) Bids have been taken on an abattoir addition to the Stock Pavilion including reconstruction and improvements of the electrical service and installation of large transformers. The bids received indicate that the cost of the abattoir addition would exceed available funds and the project must be reconsidered. However, the work on the improvements in the electrical service can proceed regardless of when the abattoir addition is constructed. The following bids on this phase of the work have been received:

Brunkow Electric Company, Champaign.....	\$16 500
Anderson Electric, Inc., Danville.....	20 487
Potter Electric Service, Urbana.....	20 285

The Brunkow Electric Company has indicated that if the abattoir addition is not included in the contract its bid can be reduced to \$14,250.

The Director of the Physical Plant and the Comptroller recommend award of a contract on this basis to the Brunkow Electric Company for construction and improvements of the electrical service in the Stock Pavilion, including installation of transformers.

Funds are available in the state appropriation for "Construction of extensions to the Utility Distribution Systems."

I concur.

On motion of Mr. Nickell, this contract was authorized as recommended.

CONTRACT FOR CONSTRUCTION OF CORN CRIB ON WRIGHT FARMS

(37) The Dean of the College of Agriculture and the Comptroller recommend award of a contract for \$11,300 to L. B. Hanna, Princeton, Illinois, the lowest bidder, for the construction of a corn crib on Wright Farm No. 4 in DeKalb County.

Funds are available from accumulated income of the Wright Farms reserved for building improvements.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Johnston, this contract was authorized as recommended.

APPROPRIATION TO DEPARTMENT OF ANIMAL SCIENCE

(38) The Dean of the College of Agriculture and the Comptroller recommend an appropriation of \$1,700 from accumulated receipts of the Department of Animal Science for the replacement of a pickup truck purchased in 1941 on which further repair work is no longer economical.

Funds are available in surplus receipts of the department reserved for its use.

I concur.

On motion of Mr. Grange, this appropriation was made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

COMPTROLLER'S REPORT OF CONTRACTS

(39) The Comptroller's report of contracts executed for the period from March 1 to 31, 1951.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
United States Navy	Furnishing noon meals to applicants and recruits at Navy Pier food service	75¢ or less per meal	April 1, 1951
Veterans Administration	Education and training under P.L. 16 at Chicago Professional Colleges—February 1 to June 30, 1951	\$ 15 00 per month per student	February 1, 1951
National Academy of Sciences	Study of flight instrument displays	6 000 00	August 30, 1950
Veterans Administration	Speech correction and hearing rehabilitation	Rates per contract	December 14, 1950
Merck and Company, Inc.	Study of unknown factors in animal nutrition	5 000 00	March 5, 1951
McMillen Feed Mills	Study of protein value of soybean oil meal	2 000 00	March 29, 1951
The University of California	Rental of Nordsieck Computer	3 600 00	February 16, 1951

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Illinois Power Company	Gas-oil burner agreement for 708 South Mathews Avenue	Per usage	November 17, 1950

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Association of American Railroads	Study of joint bars and wheel loads	\$14 000 00	January 1, 1951
Association of American Railroads and American Iron and Steel Institute	Study of causes of failures in railroad rails in service	22 000 00	March 5, 1951
Chicago Vitreous Enamel Product Company, Ferro Enamel Corporation, and Pemco Corporation	Study of refractories for enamel smelter operation	1 200 00	March 5, 1951
Western Condensing Company	Study of whey products in swine nutrition	1 500 00	March 11, 1951
International Minerals and Chemical Corporation	Study of plant growth	3 000 00	March 11, 1951
Public Service Company of Northern Illinois	Electric power to field operation	5 000 00	October 27, 1950
United States Army	Contract DA-49-007-MD-17	7 087 00	February 14, 1951
Veterans Administration	Hospital and medical fees at Civil Engineering Surveying Camp	3 75 per student	January 8, 1951

*Adjustments in Authorizations Issued Prior to July 1, 1949,
Under Cost-Plus Standing Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>
Reliable Plumbing and Heating Company	One adjustment	\$ 237 39 ¹

*Adjustments Made in Authorizations Issued Under
Cost-Plus Standing Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	Noyes Laboratory remodeling renovation and modernization	\$1 280 00	February 21, 1951
E. N. DeAtley	Noyes Laboratory remodeling renovation and modernization	4 473 95	February 21, 1951
	Special state—Utilities Distribution System	2 955 22	February 12, 1951
	Talbot Laboratory remodeling	321 20 ¹	March 2, 1951
	Sub-total	(7 107 97)	

¹ Deduct.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. M. Hays Plumbing and Heating Company	Noyes Laboratory remodeling renovation and modernization	3 319 00	February 21, 1951
Reliable Plumbing and Heating Company	1005 W. Nevada remodeling	90 00	February 27, 1951
	Natural History renovation and ventilation	455 02	February 28, 1951
	Trust—Gymnasium Annex restoration	2 090 00	March 7, 1951
	Sub-total	(2 635 02)	
Schroeder's	Noyes Laboratory remodeling renovation and modernization	586 56	February 21, 1951
	Noyes Laboratory remodeling rooms 151 and 154	43 39	February 27, 1951
	Talbot Laboratory remodeling	307 08	February 28, 1951
	Special state—East Chemistry Building equipment	190 00	March 13, 1951
	Special state—East Chemistry Building equipment	609 72	March 13, 1951
	Sub-total	(1 736 75)	
Square Deal Electric Company	Noyes Laboratory safety improvements	119 80	February 27, 1951
	1005 W. Nevada remodeling	17 38 ¹	March 9, 1951
	Sub-total	(102 42)	

This report was received for record.

PURCHASES

Purchases Authorized

(40) The following purchases were authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
14 animal cage stands, five-tier, 58 1/2" x 66" x 20", 60-cage hanger type, steel construction, mounted on rubber tired caster	Animal Science	Hoeltge Bros., Inc., Cincinnati, Ohio	\$3 226 10 f.o.b. Urbana
600 animal cages, 7" x 9 1/2" x 7", sheet steel and No. 2 wire mesh construction			
240 animal cages, 7" x 9 1/2" x 7", sheet steel and No. 3 wire mesh construction			
One lot superpressure chemical reaction equipment	Chemistry	American Instrument Co., Inc., Silver Spring, Md.	9 096 20 f.o.b. Silver Spring, Md.
Four regulated power supplies, 0-500 v., 0-300 Ma.	Physics	Everett Associates, Chicago	1 300 00 f.o.b. Portland, Ore.
One truck, two-ton capacity, stake body, complete with heavy duty heater and defroster, less allowance for a 1942 GMC 2 1/2 ton stake truck	Physical Plant	Whowell Motor Sales Co. (Ford), Paxton	1 896 85 (net)

On motion of Mrs. Holt, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One kneading and mixing machine, 35 gal. capacity driven by 5 h.p., 220 v., 60 cycle, 3-phase motor	Animal Science	J. H. Day Co., Cincinnati, Ohio	\$1 340 00 f.o.b. Cincinnati, Ohio
36 choice two-year old feeder steers weighing between 750 and 850 lbs.	Animal Science	To be selected by members of the Department	12 000 00 (approximate)
One automatic histological processing apparatus complete with accessories	Dairy Science	Technicon Co., New York, N.Y.	1 130 00 f.o.b. New York, N.Y.

¹ Deduct.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One continuous freezer, 40 to 80 gallons of ice cream per hour capacity, less allowance for one twelve-year old continuous freezer 40 to 80 gallon capacity	Food Technology	Creamery Package Manufacturing Co., Chicago	2 040 00 (net) f.o.b. Ft. Atkinson, Wis.
One batch freezer, 40 quart capacity, less allowance for one batch freezer eleven years old, 40 quart capacity			
One recorder, electronic, 12" chart, 12-point recording, copper-constantan thermocouple calibration, full scale $4\frac{1}{2}$ second travel, three-speed chart travel, automatic standardization and cold function provisions, 115 v., 60 cycle operation	Food Technology	Brown Instrument Co., Peoria	1 022 88 f.o.b. Philadelphia, Pa.
One Fade-ometer (specified by the National Bureau of Standards as the instrument which must be used in making official claims of color fastness of materials) complete with accessories and supplies 220 v., 60 cycle, a.c., to replace the Fade-ometer purchased in 1921	Home Economics	Atlas Electric Devices Co., Chicago	1 228 35 f.o.b. Chicago
One special autopsy table for large animals, 4' x 14', stainless steel construction, mounted on a hydraulic lift	Veterinary Medicine	S. Blickman, Inc., Weehawken, N.J.	2 587 00 f.o.b. Weehawken, N.J.
One model FS size 3 International centrifuge and accessory equipment	Aeromedical and Physical Environment Laboratory, Chicago Professional Colleges	Chicago Apparatus Co., Chicago	2 588 00 delivered
One 70 degree freezer, approximately four cubic foot capacity	Bacteriology, Chicago Professional Colleges	General Farm Appliance Co., Chelsea, Mich.	1 685 00 delivered
One steam laboratory sterilizer, floor model 16" x 24"	Biological Chemistry, Chicago Professional Colleges	Wilmot-Castle, Co., Chicago	1 099 00 delivered
One human being balance, 150 kilogram capacity, with sensitivity of plus or minus 0.5 grams at maximum load	Medicine	Buffalo Scale Co., Buffalo, N.Y.	1 075 00 f.o.b. cars Buffalo, N.Y.
Shock-proof tilting fluoroscope unit for vertical and horizontal positions	Medicine	Westinghouse X-Ray Corp., Chicago	1 795 00 f.o.b. delivered
500,000 multiple vitamin capsules	Hospital Pharmacy, Chicago Professional Colleges	Abbott Laboratories, Chicago	4 875 00 f.o.b. delivered
One stereotaxic instrument for man for research in Psychiatry Department	Psychiatry, Chicago Professional Colleges	Lab-Tronics, Inc., Chicago	1 850 00 f.o.b. delivered
110 pieces of hospital and patient room furniture including cribs, mattresses, chairs, etc.	Research and Educational Hospitals	Hospital Equipment Corp., Chicago	5 095 08 (net) delivered
75 bags of laundry soap chips (110 lb. per bag)	General Stores, Chicago Professional Colleges	Procter and Gamble Distributing Co., Chicago	1 194 60 (net) delivered
3,000 copies Engineering Experiment Station Bulletin 393 (<i>Box-Type Plenums</i>) to be printed and bound	Engineering Administration—Station	Pantagraph Printing & Stationery Co., Bloomington	1 060 80 Bloomington
500 2C51 receiving tubes	Graduate College Computer Project	Graybar Electric Co., Chicago	2 448 00 f.o.b. Allentown, Pa.
500 2C51 receiving tubes	Graduate College Computer Project	Western Electric Co., New York, N.Y.	1 850 00 f.o.b. Allentown, Pa.
One Conn CC special recording bass (a special kind of tuba used specifically for orchestra work)	Music	Mendel Riley, Champaign	1 032 75

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Two alto saxophones, four trombones, four baritones, one BBb recording tuba, and eight French horns, less allowance for used instruments	Bands	Mendel Riley, Champaign	6 178 34 (net)
Ten Bach cornets, four Bach trumpets	Bands	School Music Service, Champaign	3 427 20
25 buffet Bb clarinets, six LeBlanc bass clarinets, and two Reynolds bass trombones, less allowance for old instruments	Bands	Lyons Band Instrument Co., Chicago	6 081 98
One "T" hangar for five airplanes	Institute of Aviation	International Steel Co., Evansville, Ind.	8 547 00 f.o.b. freight allowed
Furnish and install carpet on stairway and second floor hallway in President's House	Physical Plant	Carson Pirie Scott & Co., Chicago	3 389 00
Eight six-drawer files equipped with 24 removable trays for 4 x 6 cards and posting desk section	Office Supply Store	Globe Furniture & Stationery Co., Chicago	2 027 58 f.o.b. Urbana
Venetian blinds to be installed in the new Animal Sciences Laboratory and Veterinary Medicine Building	Physical Plant	Mackin Venetian Blind Co., Momence	12 236 26 installed
58 cubic ft. high capacity "Permutit-S" resin capable of removing silica from 80,000 gals. of water having a total of 4.1 grains of exchangeable solids during each regeneration with maximum silica content of the treated water not to exceed 0.5 parts per million at any time during the time between regenerations	Physical Plant	The Permutit Co., New York, N.Y.	1 225 00 f.o.b. factory
22,899 board feet No. 1 fir lumber, kiln dried, square end trimmed in specified widths and lengths	Physical Plant	Illini Lumber Distributors, Champaign	3 325 13 f.o.b. cars Champaign
2,000 board feet clear fir flooring T & G edge grain 1" x 6" x 16'	Physical Plant	The Babcock & Wilcox Co., Chicago	3 685 00 f.o.b. Barberton, Ohio
6,700 chain grate links, pattern No. 35913, chrome cast iron with drilled drive holes, for Power Plant stokers	Physical Plant Storeroom	Building material suppliers in the area of Dixon Springs	Not to exceed 5 000 00
Building materials for house to be constructed at Dixon Springs Experiment Station, Robbs, for staff member	Agricultural Experiment Station		
Two pickup trucks, ¾-ton capacity, complete with five 700 x 16 six-ply tires, heater, and defroster, less allowance for 1937 International pickup truck; one vehicle a replacement and the other is additional equipment needed	Agronomy and Agricultural Engineering	Dana Hudelson, Inc., Champaign	2 700 00
19 automobiles (3 station wagons, 6 four-door sedans, 4 two-door sedans, and 6 business coupes) complete with heater and defrosters, less allowance for vehicles in the College of Agriculture automobile pool	Extension Service in Agriculture and Home Economics and Agricultural Experiment Station	Noble Motor Co., Danville 6 Fords Tom Purvis, Inc., Mattoon 5 Fords Sullivan Chevrolet Co., Champaign 3 Chevrolets Whowell Motor Sales Co., Paxton 5 Fords	4 061 64 2 441 85 1 613 79 3 130 10
		Total	(11 247 38)
One station wagon, all steel, four doors, complete with automatic transmission, directional turn indicators, and heater and defroster, less allowance for vehicle No. 421, 1950 Chevrolet Carry-All Suburban which was damaged in a wreck and for which body parts for repairs can not be obtained	Physical Plant	Sullivan Chevrolet Co., Champaign	1 903 01 (net)
Mantles, laboratory, hemispherical, electric, 115 volt a.c., ten each—size 50 ml., 100 ml., 300 ml., 1000 ml., 2000 ml., 3000 ml., and 5000 ml.	General Chemical Stores	Chicago Apparatus Co., Chicago	1 012 87 f.o.b. Urbana

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One adaptometer complete with camera type shutter, pendulum shutter, lamp, filters, diaphragms, voltage regulator for use on 115 volts a.c.	Psychology	O. C. Rudolph & Sons., Caldwell, N.J.	1 600 00 f.o.b. Caldwell, N.J.
One 16" combination band sawing and filing machine including motor, rip fence, disc cutting attachments, lubricator, and cabinet	Graduate College Computer Project	Do-All Southern Co., St. Louis, Mo.	1 943 25 f.o.b. Savage, Minn.
One centrifugal pump, single stage, with steel base and coupling connected to $\frac{3}{4}$ h.p., 1000/2400 r.p.m. shunt wound 230 volt d.c. dynamometer	Theoretical and Applied Mechanics	Fairbanks-Morse Co., Chicago	1 754 00 f.o.b. Chicago, with freight allowed to desti- nation
Rental of caps and gowns for use in June, 1951, class: approximately 2,500 bachelor caps and gowns, 300 master caps and gowns, 100 doctor caps and gowns, and 100 doctor hoods	Purchasing Office	Collegiate Cap & Gown Co., Champaign	5 445 00 (approx- imate)
100,000 sixteen-page 8 $\frac{1}{2}$ x 11 examination books printed	Office Supply Store	C. P. Lesh Paper Co., Indianapolis, Ind.	2 070 00 f.o.b. Indianapolis, Ind.
10,000 copies <i>Proceedings—Consumer Credit Conference</i> to be printed and bound	Business Management Service	Pantagraph Printing & Stationery Co., Bloomington	3 884 15 f.o.b. Bloomington

On motion of Mrs. Holt, these purchases were authorized as recommended.

APPOINTMENT OF DIRECTOR OF THE SCHOOL OF MUSIC

(41) I recommend the appointment of Professor Duane A. Branigan as Professor of Music on indefinite tenure and Director of the School of Music for two years from September 1, 1951, at a salary of \$11,000 on a Y basis.

This appointment is to fill the position of Director which will become vacant as of September 1, 1951. Professor Branigan has been serving as Acting Director since September 1, 1950, replacing Professor John M. Kuypers who had served as Director from July 1, 1947. Professor Kuypers was granted a leave of absence from the directorship for one year beginning September 1, 1950; subsequently he resigned as Director effective September 1, 1951.

The appointment of Professor Branigan is recommended by a committee appointed by the President of the University in December, 1950, to (1) seek a qualified candidate for the directorship and (2) evaluate the long-range program of the School of Music. The report of the Committee is submitted herewith.

On motion of Mrs. Holt, this appointment was approved.

APPOINTMENT OF LEGAL COUNSEL

(42) I recommend that the appointment of Mr. Ralph F. Lesemann as Legal Counsel and Professor of Law which was approved by the Board of Trustees on February 15, 1951, be effective July 1, 1951, instead of May 1 as previously authorized. In the meantime, Mr. Lesemann will be available as needed on a consulting, per diem basis.

On motion of Mr. Nickell, the beginning date of this appointment was changed from May 1 to July 1, 1951.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations, declinations, and cancellations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- AUSTIN, WALTER J., Research Assistant Professor of Civil Engineering (S), six months beginning March 1, 1951, \$5600 a year, supersedes (4-9-51).
- BAILEY, PERCIVAL, Distinguished Professor of Neurology and Neurological Surgery, in the College of Medicine, on three-fifths time, indefinite tenure beginning March 1, 1951, \$12,500 a year, in addition to \$4000 a year paid by the Department of Public Welfare, for which the University assumes no responsibility, supersedes (3-27-51).
- BANKS, JOHN A., Assistant in Architecture, in the Undergraduate Division in Chicago, February 1-June 15, 1951, to render service during the second semester of the academic year, \$333.34 a month (4-2-51).
- BARBA, WILLIAM P., II, Assistant in Pediatrics, in the College of Medicine, one year beginning September 1, 1950, without salary (3-14-51).
- BECKER, WILLIAM K., Research Assistant in Civil Engineering (S), February 15-August 31, 1951, \$3600 a year, supersedes (3-9-51).
- BLAGEN, HELEN L., Assistant Professor of Nursing, one year beginning September 1, 1950, without salary (4-6-51).
- BLOCK, BERNARD, Clinical Instructor in Psychiatry, in the College of Medicine, eight months beginning January 1, 1951, without salary (3-22-51).
- BLOSS, F. DONALD, Instructor in Physical Sciences, in the Undergraduate Division in Chicago, on two-thirds time, six months beginning March 1, 1951, to render service during the second semester of the academic year, \$2533 a year, supersedes (3-23-51).
- BRADFORD, CHARLES E., Instructor in Physics, in the Undergraduate Division in Chicago, on three-fourths time, six months beginning March 1, 1951, to render service during the second semester of the academic year, \$3150 a year, supersedes (3-22-51).
- BRONFENBRENNER, MRS. JEAN A., Assistant Professor of Economics, in the Department of Economics and in the Bureau of Economics and Business Research, five months beginning January 15, 1951, \$500 a month, supersedes (3-29-51).
- BROOKS, JOHN A., Research Assistant in Civil Engineering (S), February 15-August 31, 1951, \$4000 a year, supersedes (3-9-51).
- BUSER, JULIAN W., Instructor in Medicine, in the College of Medicine, on one-half time, six months beginning March 1, 1951, \$3000 a year, supersedes (3-22-51).
- CRAWFORD, CHARLES M., Instructor in Marketing, in the Department of Business Organization and Operation, on one-half time, one year beginning September 1, 1951, to render service during the academic year, \$1600 (3-15-51).
- DONNELLY, BARBARA C., Librarian in the Affiliation Program for Hospital Schools of Nursing, one year beginning September 1, 1950, without salary (2-23-51).
- FIEGE, BEVERLY J., Assistant in Nursing, one year beginning September 1, 1950, without salary (2-23-51).
- FIELDER, GORDON W., JR., Instructor in Education, on the University Council on Teacher Education, on one-half time, six months beginning March 1, 1951, to render service during the second semester of the academic year, \$2000 a year (3-14-51).
- FISHER, BEN, Clinical Instructor in Pathology, in the College of Medicine, six months beginning March 1, 1951, without salary (3-19-51).
- FLYNN, PATRICIA J., Assistant in Nursing, one year beginning September 1, 1950, without salary (2-23-51).
- FOSTER, GEORGE R., Assistant Editor in the Engineering Experiment Station, five months beginning April 1, 1951, \$4500 a year, supersedes (4-9-51).
- GANGER, MABEL G., Assistant Professor of Nursing, one year beginning September 1, 1950, without salary (4-6-51).
- GASTON, JAMES R., Research Assistant in Civil Engineering (S), six months beginning March 1, 1951, \$3300 a year, supersedes (3-9-51).

- GILLIN, JOHN P., Professor of Anthropology in the College of Liberal Arts and Sciences, and Research Professor of Anthropology in the Graduate College, indefinite tenure beginning September 1, 1951, \$10,000 a year (3-12-51).
- GOODMAN, LAWRENCE E., Research Assistant Professor of Civil Engineering (S), and in the Graduate College, six months beginning March 1, 1951, \$5800 a year, supersedes (4-9-51).
- GROSSMAN, HERBERT J., Assistant in Pediatrics, in the College of Medicine, one year beginning September 1, 1950, without salary (3-14-51).
- HALL, WILLIAM J., Research Assistant in Civil Engineering (S), six months beginning March 1, 1951, \$300 a month, supersedes (3-9-51).
- HARRISON, PAUL W., JR., Instructor in Physics, in the Undergraduate Division in Chicago, on three-fourths time, six months beginning March 1, 1951, to render service during the second semester of the academic year, \$3150 a year, supersedes (3-22-51).
- HOWLAND, FRANK L., Research Assistant in Civil Engineering (S), six months beginning March 1, 1951, \$275 a month, supersedes (3-14-51).
- HUZAR, MRS. ELEANOR G., Instructor in the Classics, March 5-June 15, 1951, \$375 a month (3-22-51).
- KAPLAN, MAX, Instructor in Music, on one-half time, and in Sociology, on one-half time, one year beginning September 1, 1951, \$4000 (4-9-51).
- KAUFMAN, MARGUERITE S., Architecture Library Assistant, six months beginning March 1, 1951, \$3200 a year (3-22-51).
- KEEN, MARIA E., Assistant to the Graduate Research Board, in the Graduate College, four months beginning April 1, 1951, \$1066.66, supersedes (4-9-51).
- KIRSCHBAUM, ARTHUR, Professor of Anatomy and Head of the Department, in the College of Medicine, indefinite tenure beginning July 1, 1951, \$10,500 a year (3-14-51).
- KLEY, MAURICE W., Consulting Critic in Architectural Design, in the Department of Architecture, February 19-March 3, 1951, \$600 (3-9-51).
- KOESTER, LOUIS J., JR., Research Associate in Physics (C), one year beginning September 1, 1951, \$5500 (3-20-51).
- KYONKA, JOSEPH C., Research Assistant in Ceramic Engineering (S), April 15-August 31, 1951, \$375 a month (3-29-51).
- LASKIN, DANIEL M., Assistant in Oral Surgery, in the Department of Oral and Maxillofacial Surgery, in the College of Dentistry, one year beginning September 1, 1951, \$3500 (3-12-51).
- LEGASTO, NOE C., Assistant in Ophthalmology, in the College of Medicine, six months beginning January 1, 1951, without salary (4-9-51).
- LOBRAICO, ROCCO V., JR., Instructor in Obstetrics and Gynecology, in the College of Medicine, on three-fourths time, one year beginning April 1, 1951, \$3000 (4-3-51).
- LOMASNEY, WILLIAM F., First Assistant in Agricultural Economics (E), five months beginning April 1, 1951, \$5250 a year (3-29-51).
- LONGINI, JOAN, Instructor in Psychiatry, in the College of Medicine, six months beginning January 1, 1951, without salary (4-3-51).
- MARINO, JOHN J., Clinical Assistant in Pediatrics (Rush), in the College of Medicine, one year beginning September 1, 1950, without salary (2-27-51).
- MAUKSCH, HANS O., Instructor in Nursing, for one year beginning September 1, 1950, without salary (12-21-50).
- MCLEAN, ANGUS F., Instructor in Veterinary Clinical Medicine, in the College of Veterinary Medicine, February 26-August 31, 1951, \$333.34 a month (3-20-51).
- MEEK, WAYNE L., First Assistant in Wood Utilization, in the Department of Forestry (S), five months beginning April 1, 1951, \$333.33 a month (3-14-51).
- MELBY, SYLVIA M., Assistant Professor of Nursing, for one year beginning September 1, 1950, without salary (4-6-51).
- MENG, DONNA J., Clinical Instructor in Nursing, for one year beginning September 1, 1950, without salary (12-21-50).
- MILLARD, NELLIE D., Assistant Professor of Nursing, for one year beginning September 1, 1950, without salary (4-6-51).
- MOLBO, DORIS M., Clinical Assistant in Nursing, for one year beginning September 1, 1950, without salary (2-23-51).

- MOSBORG, ROBERT J., Research Associate in Civil Engineering (S), six months beginning March 1, 1951, \$5000 a year, supersedes (3-19-51).
- MUNSE, WILLIAM H., Research Assistant Professor of Civil Engineering (S), six months beginning March 1, 1951, \$6400 a year, supersedes (4-9-51).
- NARAT, JOSEPH K., Research Assistant in Surgery, in the College of Medicine, five months beginning April 1, 1951, without salary (4-3-51).
- NIELSON, PAUL E., Assistant Professor of Psychiatry, in the College of Medicine, on four-fifths time, \$360 a month, and Psychiatric Consultant in the Health Service, in the Chicago Professional Colleges, on one-fifth time, \$208.33 a month, March 15-August 31, 1951, supersedes (4-9-51).
- NOGGLE, THOMAS S., Research Assistant in Physics (S), June 16-August 31, 1951, \$270 a month (3-14-51).
- OSBORN, RICHARDS C., Associate Professor of Economics, one year beginning September 1, 1950, to render service during two semesters of the academic year, \$5700 a year, supersedes (3-24-51).
- PAGE, THOMAS, Research Associate in the Institute of Government and Public Affairs, on three-fourths time during the academic year and on full time during the summer, and Instructor in Political Science, on one-fourth time for the academic year, beginning September 1, 1951, \$4400 (3-29-51).
- PASTEL, ROBERT, Assistant in Pediatrics, in the College of Medicine, one year beginning September 1, 1950, without salary (4-9-51).
- PICKETT, EVALYN L., Clinical Assistant in Nursing, September 18, 1950-August 31, 1951, without salary (2-23-51).
- POLNER, WALTER, Instructor in the Division of University Extension, on one-half time, and in the Institute of Labor and Industrial Relations, on one-half time, one year beginning September 1, 1951, \$4300 (3-14-51).
- PORTER, THOMAS B., Research Assistant in the Bureau of Research and Service, six months beginning March 1, 1951, \$2800 a year, supersedes (3-9-51).
- RENNEY, KATHERYN E., Assistant in Nursing, for one year beginning September 1, 1950, without salary (2-23-51).
- ROBERTS, FRANCES M., Assistant Professor of Nursing, for one year beginning September 1, 1950, without salary (4-6-51).
- ROBINSON, MRS. GLADYS C., Instructor in Nursing, for one year beginning September 1, 1950, without salary (12-21-50).
- SADOVE, MAX S., Professor of Anesthesia and Head of the Division, in the College of Medicine, on nine-tenths time, indefinite tenure beginning December 1, 1950, \$11,100 a year, supersedes (4-9-51).
- SAPPINGTON, CHRISTINE L., Clinical Assistant in Nursing, for one year beginning September 1, 1950, without salary (2-23-51).
- SAUERLENDER, OWEN H., Research Associate in the Bureau of Economic and Business Research, seven months beginning February 1, 1951, \$3660 a year, supersedes (4-6-51).
- SCHOOLMAN, JOSEPH G., Assistant Professor of Otolaryngology, in the College of Medicine, on one-half time, one year beginning April 1, 1951, \$3000 (4-9-51).
- SCHUTZ, FREDERICK W., JR., Research Assistant in Civil Engineering (S), February 15-August 31, 1951, \$4000 a year, supersedes (3-9-51).
- SHEEK, MARTHA R., Research Assistant in Bacteriology, in the Graduate College, April 16-June 30, 1951, \$575 (4-2-51).
- SINNAMON, GEORGE K., Research Associate in Civil Engineering (S), six months beginning March 1, 1951, \$5000 a year, supersedes (3-19-51).
- SREEBNY, LEO M., Instructor in Applied Materia Medica and Therapeutics, in the College of Dentistry, one year beginning September 1, 1951, \$5000 a year (4-9-51).
- STALLMEYER, JAMES E., Research Associate in Civil Engineering (S), six months beginning March 1, 1951, \$400 a month, supersedes (3-19-51).
- STICE, GLEN, Research Associate in Psychology, in the Graduate College, five months beginning March 1, 1951, \$385 a month (3-9-51).
- STREETER, VIRGINIA M., Assistant in Nursing, one year beginning September 1, 1950, without salary (2-23-51).
- TAYLOR, CAROL L., Clinical Assistant in Nursing, one year beginning September 1, 1950, without salary (2-23-51).

- VAN DYKE, NELLIE M., Instructor in Nursing, one year beginning September 1, 1950, without salary (12-21-50).
- WAINWRIGHT, WILLIAM W., Professor of Radiology, Head of the Department, and Lecturer in Postgraduate Studies, in the College of Dentistry, one year beginning September 1, 1950, \$8160, supersedes (4-11-51).
- WATERMAN, DONALD F., Assistant in Pediatrics, in the College of Medicine, seven months beginning February 1, 1951, without salary (3-14-51).
- WEINMANN, JOSEPH P., Professor of Pathology and Head of the Division of Oral Pathology, indefinite tenure, and Lecturer in Postgraduate Studies, one year, in the College of Dentistry, beginning September 1, 1950, \$9450 a year, supersedes (4-11-51).
- WESTON, MARY L., Assistant Professor of Nursing, one year beginning September 1, 1950, without salary (4-6-51).
- WHITMAN, MRS. MARY R. B., Assistant in Nursing, one year beginning September 1, 1950, without salary (2-23-51).
- WILLIAMS, DONALD B., Assistant in Agricultural Economics, in the Graduate College, four months beginning March 1, 1951, \$270 a month (3-13-51).
- WRIGHT, GEORGE D. T., Research Assistant in Civil Engineering (S), February 15-August 31, 1951, \$300 a month, supersedes (3-14-51).
- ZIMMERMAN, E. J., Research Associate in Physics (S), five months beginning April 1, 1951, \$350 a month (3-20-51).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on March 19, 1951, except where other dates are indicated in parenthesis.)

URBANA DEPARTMENTS

Accountancy

- DEMARIS, EDWIN J., Fellow, nine months beginning September 16, 1951, \$850.
- O'SULLIVAN, JOHN, Fellow, nine months beginning September 16, 1951, \$700.
- PREPOUSES, NICHOLAS T., Fellow, nine months beginning September 16, 1951, \$700.

Agricultural Economics

- AZHAR, BARKAT ALI, Booth Fellow, nine months beginning September 16, 1951, \$850.
- BOKMAN, WILLIAM W., Wright Fellow, nine months beginning September 16, 1951, \$700.
- HISCOCKS, GEOFFREY A., Booth Fellow, nine months beginning September 16, 1951, \$1000.
- KAO, RICHARD CHIEN-WEN, Fellow, February 1-June 15, 1951, \$500, supersedes (3-9-51).
- KAO, RICHARD CHIEN-WEN, Fellow, September 16, 1951-January 31, 1952, \$500.
- MCKINSEY, JAMES W., Fellow, nine months beginning September 16, 1951, \$850.
- STACK, THOMAS N., Fellow, nine months beginning September 16, 1951, \$1000.
- WELLS, CHESTER M., JR., Fellow, nine months beginning September 16, 1951, \$850.

Agricultural Engineering

- HARTMAN, WAYNE E., Wright Fellow, nine months beginning September 16, 1951, \$700.
- HOPKINS, DEAN F., Wright Fellow, nine months beginning September 16, 1951, \$700.

Agronomy

- COOPER, GEORGE S., Booth Fellow, nine months beginning September 16, 1951, \$850.
- FINLEY, CHARLES R., Wright Fellow, nine months beginning September 16, 1951, \$700.
- POWER, JAMES F., Wright Fellow, nine months beginning September 16, 1951, \$700.

Animal Nutrition

- ALEXANDER, JAMES C., Fellow, nine months beginning September 16, 1951, \$850.
- BEARDSLEY, DANIEL W., Wright Fellow, two months beginning June 15, 1951, \$140.
- DRAPER, HAROLD H., Fellow, September 16, 1951-January 31, 1952, \$500.

Animal Science

WILTBANK, JAMES N., Fellow, nine months beginning September 16, 1951, \$700.

Art

EDELMAN, DONALD C., Fellow, nine months beginning September 16, 1951, \$700.

Bacteriology

CAMPBELL, ALLAN M., Fellow, nine months beginning September 16, 1951, \$850.

RHODES, JORDAN M., E. R. Squibb and Sons Fellow, February 1-June 15, 1951, \$600 (3-7-51).

TAYLOR, BABETTE, Swift and Company Fellow, four months beginning March 1, 1951, \$1200 (3-9-51).

Botany

BUSCEMI, JOAN A., Fellow, nine months beginning September 16, 1951, \$700.

PETERSON, PETER A., Fellow, nine months beginning September 16, 1951, \$1000.

Business

MOECKEL, BILL R., Fellow, nine months beginning September 16, 1951, \$850.

Chemistry

ACKER, DONALD S., Allied Chemical and Dye Corporation Fellow, nine months beginning September 16, 1951, \$1200.

ANDERSON, ROBERT P., Fellow, nine months beginning September 16, 1951, \$850.

BACHELOR, JAMES D., E. I. DuPont de Nemours and Company Fellow in Chemical Engineering, nine months beginning September 16, 1951, \$2100.

BEILFUSS, HARRY R., Procter and Gamble Fellow, February 1-June 15, 1951, \$900 (3-20-51).

BEILFUSS, HARRY R., Procter and Gamble Fellow, nine months beginning September 16, 1951, \$1800.

BLOMSTROM, DALE C., Standard Oil Company of Indiana Fellow, nine months beginning September 16, 1951, \$1200.

BRIGHT, D. BRUCE, Minnesota Mining and Manufacturing Company Fellow, nine months beginning September 16, 1951, \$1200.

CASKEY, FRANKLIN E., Standard Oil Company of Indiana Fellow in Chemical Engineering, nine months beginning September 16, 1951, \$1200.

CHILDERS, CLIFFORD W., Socony Vacuum Oil Company Fellow, nine months beginning September 16, 1951, \$1500.

CLEMENTS, ROBERT L., Fellow, nine months beginning September 16, 1951, \$700.

COLGROVE, RICHARD S., Minnesota Mining and Manufacturing Company Fellow, nine months beginning September 16, 1951, \$1200.

CUDDEBACK, RICHARD B., Shell Oil Company Fellow in Chemical Engineering, nine months beginning September 16, 1951, \$1200.

CURRY, J. W., Fellow, nine months beginning September 16, 1951, \$1000.

DOREMUS, ROBERT H., Fellow, nine months beginning September 16, 1951, \$850.

EITEL, MICHAEL J., Fellow, nine months beginning September 16, 1951, \$1000 (3-21-51).

FALK, FELIX, Fellow, nine months beginning September 16, 1951, \$850 (3-21-51).

FIGUERAS, JOHN, JR., Fellow, nine months beginning September 16, 1951, \$1000.

FISCHER, ROBERT L., Fellow, nine months beginning September 16, 1951, \$850.

FOX, RICHARD C., Fellow, nine months beginning September 16, 1951, \$850.

FREEMAN, JEREMIAH P., Fellow, nine months beginning September 16, 1951, \$850.

FULLER, GLENN, Fellow, nine months beginning September 16, 1951, \$850.

GALLOWAY, ETHAN C., Fellow, nine months beginning September 16, 1951, \$700.

GASH, VIRGIL W., Fellow, nine months beginning September 16, 1951, \$1000.

GELFAND, SAMUEL, Fellow, nine months beginning September 16, 1951, \$850.

GINDLER, JAMES E., Fellow, nine months beginning September 16, 1951, \$850.

GORDON, MILTON P., Abbott Fellow, twelve months beginning September 1, 1951, \$1500.

GRIMLEY, ROBERT T., Fellow, nine months beginning September 16, 1951, \$700.

GROVES, FRANK R., JR., Fellow, nine months beginning September 16, 1951, \$850.

HINMAN, RICHARD L., Visking Corporation Fellow, February 1-June 15, 1951, \$750 (3-9-51).

- HINMAN, RICHARD L., Visking Corporation Fellow, nine months beginning September 16, 1951, \$1500.
- HOUSE, HERBERT O., Fellow, nine months beginning September 16, 1951, \$850.
- HWANG, DING D., Fellow, nine months beginning September 16, 1951, \$850.
- JUNK, WILLIAM A., JR., Fellow in Chemical Engineering, nine months beginning September 16, 1951, \$500.
- KAUER, JAMES C., Fellow, nine months beginning September 16, 1951, \$700.
- KNAP, JAMES E., Dow Chemical Company Fellow in Chemical Engineering, nine months beginning September 16, 1951, \$1200.
- KOELLER, RAYMOND C., Pan American Refining Company Fellow in Chemical Engineering, nine months beginning September 16, 1951, \$1265.
- KRAIMAN, EUGENE A., Fellow, nine months beginning September 16, 1951, \$850.
- LAMBERT, JOHN B., Fellow, nine months beginning September 16, 1951, \$700.
- LU, TUNG, Fellow in Chemical Engineering, nine months beginning September 16, 1951, \$850.
- LOCKE, DAVID M., Fellow, nine months beginning September 16, 1951, \$700.
- MACDONALD, JOHN A., Fellow, nine months beginning September 16, 1951, \$850.
- MASON, LAWRENCE H., Abbott Fellow, twelve months beginning September 1, 1951, \$1500.
- McKITTRICK, P. S., Fellow, nine months beginning September 16, 1951, \$1000.
- MELBY, L. RUSSELL, Fellow, nine months beginning September 16, 1951, \$850.
- MIDDLETON, WILLIAM J., Fellow, nine months beginning September 16, 1951, \$1000.
- MOSS, FRANK A. J., Lindsay Light and Chemical Company Fellow, nine months beginning September 16, 1951, \$1200.
- MOTTUS, EDWARD H., Rohm and Haas Company Fellow, nine months beginning September 16, 1951, \$1200.
- PAGE, ATWOOD C., JR., Abbott Fellow, twelve months beginning September 1, 1951, \$1500.
- PARSHALL, GEORGE W., Fellow, nine months beginning September 16, 1951, \$850.
- PUNDSACK, FREDERICK L., Fellow, nine months beginning September 16, 1951, \$1000.
- RAMANIAH, M. VENKATA, Fellow, nine months beginning September 16, 1951, \$850.
- RETALLICK, WILLIAM B., Pittsburgh Consolidation Coal Company Fellow in Chemical Engineering, nine months beginning September 16, 1951, \$1200 (3-28-51).
- ROBINSON, GENE C., Monsanto Chemical Company Fellow, nine months beginning September 16, 1951, \$1200.
- ROBISON, MICHAEL M., Allied Chemical and Dye Corporation Fellow, nine months beginning September 16, 1951, \$1200.
- RYDER, BERNARD L., Eli Lilly Company Fellow, nine months beginning September 16, 1951, \$1000.
- SALZMAN, NORMAN P., Abbott Fellow, seven months beginning February 1, 1951, \$875 (3-20-51).
- SAXTON, PATRICIA M., Firestone Tire and Rubber Company Fellow, nine months beginning September 16, 1951, \$1500.
- SAXTON, RONALD L., Fellow in Chemical Engineering, nine months beginning September 16, 1951, \$850.
- SCHAFFNER, CARL P., Abbott Fellow, twelve months beginning September 1, 1951, \$1500.
- SCOTT, EARLE S., Western Cartridge Olin Industries Fellow, nine months beginning September 16, 1951, \$1500.
- SHORT, ROLLAND W., Fellow, nine months beginning September 16, 1951, \$1000.
- STEWART, JOHN M., Eastman Kodak Company Fellow, nine months beginning September 16, 1951, \$1200.
- STIEHL, ROY T., JR., Fellow, nine months beginning September 16, 1951, \$1000.
- SUNDSTROM, K. V. YNGVE, Cincinnati Chemical Company Fellow, nine months beginning September 16, 1951, \$1000.
- TALLENT, M. H., Abbott Fellow, nine months beginning September 16, 1951, \$1500.
- THOMAS, NORMAN W., Fellow, nine months beginning September 16, 1951, \$850.
- WALLINGFORD, HARLAN P., E. I. DuPont de Nemours and Company Fellow, nine months beginning September 16, 1951, \$2100.

- WALLINGFORD, HELEN D., Fellow, nine months beginning September 16, 1951, \$1000.
WEIL, EDWARD D., Fellow, nine months beginning September 16, 1951, \$850.
WEST, CHARLES A., Abbott Fellow, twelve months beginning September 1, 1951, \$1500.
WHITFIELD, GEORGE B., JR., Abbott Fellow, twelve months beginning September 1, 1951, \$1500.
WIEGERT, PHILIP E., Fellow, nine months beginning September 16, 1951, \$850.
YOUNG, THOMAS E., Standard Oil Company of California Fellow, nine months beginning September 16, 1951, \$1250.

Civil Engineering

- BINNING, ROBERT C., Fellow, nine months beginning September 16, 1951, \$700.
CHEN, TIEN Y., Fellow, nine months beginning September 16, 1951, \$850.
DUFOUR, LUIGI, Fellow, nine months beginning September 16, 1951, \$700.
GROGG, HANS A., Fellow, nine months beginning September 16, 1951, \$700.
KENNEDY, JAMES L., Fellow, nine months beginning September 16, 1951, \$700.
MACK, ROBERT B., Fellow, nine months beginning September 16, 1951, \$700.
PAO, RICHARD H. F., Fellow, nine months beginning September 16, 1951, \$850.
SASSOON, SALMAN H., Fellow, nine months beginning September 16, 1951, \$700.
WALING, JOSEPH L., Fellow, nine months beginning September 16, 1951, \$1000.

Economics

- ALTAZAN, JOHN E., Fellow, nine months beginning September 16, 1951, \$850.
CROSS, BETTY L., Fellow, nine months beginning September 16, 1951, \$1000.
FERAUT, ALAIN, Fellow, nine months beginning September 16, 1951, \$700.
GRAMLEY, LYLE E., Fellow, nine months beginning September 16, 1951, \$700.
MARBERRY, CHARLES E., Fellow, nine months beginning September 16, 1951, \$1000.
WENZLAU, THOMAS E., Fellow, nine months beginning September 16, 1951, \$850.

Education

- DUNN, L. M. C., Fellow, nine months beginning September 16, 1951, \$850.
MCLELLAN, JAMES E., JR., Fellow, nine months beginning September 16, 1951, \$850.
RISKIN, KHAIME, Fellow, September 16, 1951-January 31, 1952, \$500.

Electrical Engineering

- FRANKLIN, HOPE, Fellow, nine months beginning September 16, 1951, \$700.
LO, YUEN T., Fellow, September 16, 1951-January 31, 1952, \$500.
MUELLER, EUGENE A., Fellow, nine months beginning September 16, 1951, \$700.
NESLINE, FREDERICK W., Motorola Incorporated Galvin Fellow, nine months beginning September 16, 1951, \$750.
PIIP, ANTS-TONIS, Fellow, nine months beginning September 16, 1951, \$850.
RATHBONE, DONALD E., Fellow, nine months beginning September 16, 1951, \$700.
SCHWARZ, EDWARD W., Fellow, nine months beginning September 16, 1951, \$850.
VANCE, PAUL A., JR., Westinghouse Fellow, nine months beginning September 16, 1951, \$1000.
WENNSTROM, ARTHUR E., Fellow, nine months beginning September 16, 1951, \$700.
YAMAMURA, SAKAE, Fellow, nine months beginning September 16, 1951, \$850.

English

- BALE, JOHN, Fellow, February 1-June 15, 1951, \$500, supersedes (3-24-51).
BRENNAN, JOSEPH X., Fellow, nine months beginning September 16, 1951, \$1000.
CLARK, LEADIE M., Fellow, nine months beginning September 16, 1951, \$850.
ENGLISH, BETTY R., Fellow, nine months beginning September 16, 1951, \$700.
FERGUSON, OLIVER W., Fellow, nine months beginning September 16, 1951, \$850.
JONES, DAVID L., Fellow, nine months beginning September 16, 1951, \$850.
NAESS, ORVAR, Fellow, nine months beginning September 16, 1951, \$700.
SOELLNER, ROLF, Fellow, nine months beginning September 16, 1951, \$850.
TEVNAN, JOHN E., Fellow, nine months beginning September 16, 1951, \$700.

Entomology

McFARLANE, JOHN E., Fellow, nine months beginning September 16, 1951, \$850.
SELANDER, RICHARD B., Fellow, nine months beginning September 16, 1951, \$850.
VINSON, EDDIE B., Fellow, nine months beginning September 16, 1951, \$1000.

Food Technology

MALECKI, GEORGE J., Fellow, nine months beginning September 16, 1951, \$850.

French

GILMAN, CHARLES F., Fellow, nine months beginning September 16, 1951, \$850.
GORDEN, JEANNE, Fellow, nine months beginning September 16, 1951, \$850.
HOCHSCHILD, RUTH, Fellow, nine months beginning September 16, 1951, \$850.

Geography

BOUSFIELD, JOHN R., Fellow, nine months beginning September 16, 1951, \$700.
DELAUBENFELS, DAVID J., Fellow, nine months beginning September 16, 1951, \$1000.
YAHR, CHARLES C., Fellow, nine months beginning September 16, 1951, \$850.

Geology

BOARDMAN, RICHARD S., Fellow, nine months beginning September 16, 1951, \$1000.
BROSCOE, ANDY J., National Lead Company Fellow, nine months beginning September 16, 1951, \$1500.
FISHER, JAMES H., Shell Oil Company Fellow, nine months beginning September 16, 1951, \$1200 (3-29-51).
TOOKER, EDWIN W., Illinois Clay Products Company Fellow, nine months beginning September 16, 1951, \$1500.
WARN, G. FREDERICK, Fellow, nine months beginning September 16, 1951, \$850.
WEEKS, WILFORD F., Fellow, nine months beginning September 16, 1951, \$700.

German

DINSDALE, CAROL L., Fellow, nine months beginning September 16, 1951, \$850.
EDSON, CHARLOTTE G., Fellow, nine months beginning September 16, 1951, \$1000.
HOFFMANN, CHARLES W., Fellow, nine months beginning September 16, 1951, \$700.
HUBKA, BETTY R., Fellow, nine months beginning September 16, 1951, \$1000.

History

ALBERT, ROBERT, Fellow, nine months beginning September 16, 1951, \$700.
CARLSON, EARLAND, Fellow, nine months beginning September 16, 1951, \$1000.
ERICKSON, ROBERT F., Fellow, nine months beginning September 16, 1951, \$850.
MILLER, AMOS C., Kendric C. Babcock Fellow, nine months beginning September 16, 1951, \$1000.
WIEBE, ROBERT H., Fellow, nine months beginning September 16, 1951, \$700.

Library Science

KYPARISSIOTIS, NIOVE E., Fellow, nine months beginning September 16, 1951, \$850.
McCONNELL, ANNA L., Fellow, nine months beginning September 16, 1951, \$700.
STAACK, KATHERINE A., Katherine L. Sharp Fellow, nine months beginning September 16, 1951, \$700 (3-28-51).

Management

SAXBERG, BÖRJE O., Fellow, February 1-June 15, 1952, \$350.

Marketing

ARMAOS, KONSTANTINOS E., Fellow, nine months beginning September 16, 1951, \$700.

Mathematics

BRONS, KENNETH A., Fellow, nine months beginning September 16, 1951, \$700.
DEAN, BURTON V., Fellow, nine months beginning September 16, 1951, \$1000.

FELDMAN, JACOB, Fellow, nine months beginning September 16, 1951, \$850.
GAY, JOHN H., Fellow, nine months beginning September 16, 1951, \$700.
LANGAN, MARY E., Fellow, nine months beginning September 16, 1951, \$700
(3-23-51).
MACAULEY, RONALD A., Fellow, nine months beginning September 16, 1951, \$850.
MAIER, EUGENE A., Fellow, nine months beginning September 16, 1951, \$850.
MCLELLAN, JOHN M., Fellow, nine months beginning September 16, 1951, \$700.
MORSE, JAMES T., Fellow, nine months beginning September 16, 1951, \$700.
POLIVKA, RAYMOND P., Fellow, nine months beginning September 16, 1951, \$700.
SPRING, RAY F., Fellow, nine months beginning September 16, 1951, \$850.
VASSALOTTI, ALFRED, Fellow, nine months beginning September 16, 1951, \$700.
WILLIAMS, JOYCE W., Fellow, nine months beginning September 16, 1951, \$850.
WOLFSON, KENNETH G., Fellow, nine months beginning September 16, 1951, \$1000.
YEN, TI, Fellow, nine months beginning September 16, 1951, \$1000.

Mechanical Engineering

BARTHEL, HAROLD O., Fellow, nine months beginning September 16, 1951, \$850.
CHOW, WEN-LUNG, Fellow, nine months beginning September 16, 1951, \$850.
LOOS, J. E., Fellow, nine months beginning September 16, 1951, \$700.
WEHE, ROBERT L., Fellow, nine months beginning September 16, 1951, \$850.

Mining and Metallurgical Engineering

MERLINI, ALFONSO, Fellow, nine months beginning September 16, 1951, \$850.

Music

BOUCHARD, RICHARD L., Fellow, nine months beginning September 16, 1951, \$700.
ECKERT, PETER A., Fellow, nine months beginning September 16, 1951, \$700.
FOX, MERILYN A., Fellow, nine months beginning September 16, 1951, \$700.
PUGH, RUSSELL O., Fellow, nine months beginning September 16, 1951, \$700.
SELESNER, EUGENE, Fellow, nine months beginning September 16, 1951, \$700.
STROUP, HERMAN L., Fellow, nine months beginning September 16, 1951, \$700.

Philosophy

COHEN, CARL, Fellow, nine months beginning September 16, 1951, \$700.
DREYFUS, HUBERT L., Fellow, nine months beginning September 16, 1951, \$700.
FUNK, W. M., Fellow, nine months beginning September 16, 1951, \$700.
HARRIS, H. S., Fellow, nine months beginning September 16, 1951, \$850.
HAWORTH, LAWRENCE L., Fellow, nine months beginning September 16, 1951,
\$1000.
SCHNEEWIND, JEROME B., Fellow, nine months beginning September 16, 1951, \$700.

Physical Education

BERNER, MOLLY J., Fellow, nine months beginning September 16, 1951, \$700.

Physics

BLOOM, MEYER, Fellow, nine months beginning September 16, 1951, \$1000.
BOLOTEN, MARTIN, Fellow, nine months beginning September 16, 1951, \$1000.
BROWN, ROLLIN L., Fellow, nine months beginning September 16, 1951, \$850.
CHASE, DAVID M., Fellow, nine months beginning September 16, 1951, \$700.
CONRAD, EDITH, Fellow, nine months beginning September 16, 1951, \$700.
EDELSTEIN, RICHARD M., Fellow, nine months beginning September 16, 1951, \$700.
GREENBERG, JACK S., Fellow, nine months beginning September 16, 1951, \$850.
HELLER, LEON, Fellow, nine months beginning September 16, 1951, \$700.
LEURGANS, PAUL J., Fellow, nine months beginning September 16, 1951, \$1000.
MODESITT, GEORGE E., Fellow, nine months beginning September 16, 1951, \$850.
MYERS, WILLIAM M., Fellow, nine months beginning September 16, 1951, \$850.
PERLMAN, MARTIN M., Fellow, nine months beginning September 16, 1951, \$850.
REDFIELD, ALFRED G., Fellow, nine months beginning September 16, 1951, \$700.
ST. JOHN, ROBERT M., Fellow, nine months beginning September 16, 1951, \$700.
SALZMAN, FREDA, Fellow, nine months beginning September 16, 1951, \$1000.

SALZMAN, GEORGE, Fellow, nine months beginning September 16, 1951, \$1000.
SPIEWAK, MILDRED, Fellow, nine months beginning September 16, 1951, \$700.

Physiology

DOGGETT, VIRGINIA C., Fellow, nine months beginning September 16, 1951, \$1000.

Political Science

BAYRD, RICHARD E., Fellow, nine months beginning September 16, 1951, \$700.
BLOCK, WILLIAM J., Fellow, February 1-June 15, 1951, \$500, supersedes (3-24-51).
FRIEDMAN, ROBERT S., Kendric C. Babcock Fellow, nine months beginning September 16, 1951, \$1000.
GRAHAM, CHARLES J., James W. Garner Fellow, nine months beginning September 16, 1951, \$1500.
MAWHINNEY, EUGENE A., Fellow, February 1-June 15, 1951, \$500, supersedes (4-6-51).
NEWMAN, CHARLES T., Fellow, nine months beginning September 16, 1951, \$700.
PALMER, JANE G., Fellow, September 16, 1951-January 31, 1952, \$350.
RAFNER, ROBERT S., John A. Fairlie Fellow, nine months beginning September 16, 1951, \$1000.
SCHULMAN, SAM, Fellow, nine months beginning September 16, 1951, \$850.
SHYER, HERBERT P., Fellow, nine months beginning September 16, 1951, \$850.

Psychology

BERLYNE, DANIEL E., Fellow, nine months beginning September 16, 1951, \$850.
COHRS, JOYCE S., Fellow, nine months beginning September 16, 1951, \$700.
DE WIT, FREDERIK, Fellow, nine months beginning September 16, 1951, \$850.
LANSKY, LEONARD M., Fellow, nine months beginning September 16, 1951, \$850.
LIPPS, CHRISTINE, Fellow, nine months beginning September 16, 1951, \$700.
VASSALOTTI, CONCETTA, Fellow, nine months beginning September 16, 1951, \$700.

Social Welfare Administration

MEAD, LAURA L., Fellow, nine months beginning September 16, 1951, \$700.

Sociology and Anthropology

BUTLER, JAY G., Fellow in Sociology, nine months beginning September 16, 1951, \$850.
STURGIS, GUY K., Fellow in Sociology, nine months beginning September 16, 1951, \$700.
TAYLOR, WILLIAM E., JR., Fellow in Anthropology, nine months beginning September 16, 1951, \$700.

Spanish and Italian

FANAKOS, CLARA A., Fellow in Spanish, nine months beginning September 16, 1951, \$700.

Speech

BRUBAKER, ROBERT S., Fellow, nine months beginning September 16, 1951, \$1000.
HUNTINGTON, DOROTHY A., Fellow, nine months beginning September 16, 1951, \$1000.
JAMES, HERBERT L., Fellow, nine months beginning September 16, 1951, \$850.

Theoretical and Applied Mechanics

BENJAMIN, ROLAND J., Fellow, nine months beginning September 16, 1951, \$850.
SUGI, MASAKI, Fellow, nine months beginning September 16, 1951, \$700.

Zoology

DORRIS, TROY C., Fellow, nine months beginning September 16, 1951, \$850.
MCLELLAN, J. FORBES, Fellow, February 1-June 15, 1951, \$500, supersedes (3-24-51).

CHICAGO PROFESSIONAL COLLEGES

Craven, Arthur H., Fellow in Orthodontia, one year beginning July 1, 1951, \$2400.

HARRIDGE, WILLIAM H., Fellow in Surgery, one year beginning July 1, 1951, \$2400.

HU, IRENE FEI FEI, Fellow in Pathology, one year beginning July 1, 1951, \$1800.

LASSLO, ANDREW, Fellow in Pharmaceutical Chemistry, one year beginning July 1, 1951, \$1800.

RUBIN, MELVIN, Fellow in Pharmaceutical Chemistry, one year beginning September 1, 1951, \$1200.

WOLTER, JANET M., Fellow in Medicine, one year beginning July 1, 1951, \$1800.

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

ALEXANDER, JAMES C., Fellow in Animal Nutrition—declination effective 9-16-51.
BEARDSLEY, DANIEL W., Wright Fellow in Animal Nutrition—declination effective 6-15-51.

BELL, JOHN M., Research Associate in the Bureau of Research and Service, in the Graduate College—resignation effective 3-15-51.

Berlyne, Daniel E., Fellow in Psychology—declination effective 9-16-51.

BOKMAN, WILLIAM W., Wright Fellow in Agricultural Economics—declination effective 9-16-51.

BROSCOE, ANDY J., National Lead Company Fellow in Geology—declination effective 9-16-51.

BROWN, EDWARD L., Research Assistant in Psychology—resignation effective 5-1-51.

BURNETTE, PAUL J., Education, Philosophy, and Psychology Librarian, with the rank of Assistant Professor—resignation effective 5-1-51.

CLEMENTS, ROBERT L., Fellow in Chemistry—declination effective 9-16-51.

CONRAD, EDITH, Fellow in Physics—declination effective 9-16-51.

CORBIN, MRS. MARGARET R., Research Associate in Home Economics (S)—resignation effective 3-23-51.

CURRY, JAMES W., Fellow in Chemistry—declination effective 9-16-51.

DOTY, PAUL C., Research Assistant in Soil Fertility, in the Department of Agronomy (S)—resignation effective 3-31-51.

EDELSTEIN, RICHARD M., Fellow in Physics—declination effective 9-16-51.

FELDMAN, JACOB, Fellow in Mathematics—declination effective 9-16-51.

FISCHER, ROBERT L., Fellow in Chemistry—declination effective 9-16-51.

FRANKLIN, HOPE, Fellow in Electrical Engineering—declination effective 9-16-51.

FREEMAN, JEREMIAH P., Fellow in Chemistry—declination effective 9-16-51.

FUNK, WILLIAM M., Fellow in Philosophy—declination effective 9-16-51.

GALLOWAY, ETHAN C., Fellow in Chemistry—declination effective 9-16-51.

GAY, JOHN H., Fellow in Mathematics—declination effective 9-16-51.

GILLIN, JOHN P., Professor of Anthropology, in the College of Liberal Arts and Sciences, and Research Professor of Anthropology, in the Graduate College—declination effective 9-1-51.

GRAMLEY, LYLE E., Fellow in Economics—declination effective 9-16-51.

GREENBERG, JACK S., Fellow in Physics—declination effective 9-16-51.

GROVES, FRANK R., JR., Fellow in Chemistry—declination effective 9-16-51.

HELLER, LEON, Fellow in Physics—declination effective 9-16-51.

HOUSE, HERBERT O., Fellow in Chemistry—declination effective 9-16-51.

HWANG, DING D., Fellow in Chemistry—declination effective 9-16-51.

LAMBERT, JOHN B., Fellow in Chemistry—declination effective 9-16-51.

LANSKY, LEONARD M., Fellow in Psychology—declination effective 9-16-51.

MAIER, EUGENE A., Fellow in Mathematics—declination effective 9-16-51.

MCGAUGHEY, JODA, Instructor in Home Furnishings, in the Department of Home Economics, in the Extension Service in Agriculture and Home Economics—resignation effective 7-1-51.

MIDDLETON, WILLIAM J., Fellow in Chemistry—declination effective 9-16-51.

MORSE, JAMES T., Fellow in Mathematics—declination effective 9-16-51.

NAKAMURA, TAKASHI, Fellow in Civil Engineering—cancellation effective 2-1-51.

NESLINE, FREDERICK W., Motorola Incorporated Galvin Fellow in Electrical Engineering—declination effective 9-16-51.

- PHILLIPS, BETTYE J., Instructor in Home Economics (C) — resignation effective 8-31-51.
- PUNDSACK, FREDERICK L., Fellow in Chemistry — declination effective 9-16-51.
- REDFIELD, ALFRED G., Fellow in Physics — declination effective 9-16-51.
- ST. JOHN, ROBERT M., Fellow in Physics — declination effective 9-16-51.
- SCHAFFRATH, WILLIAM B., Assistant Professor of Labor and Industrial Relations, in the Division of University Extension — resignation effective 5-11-51.
- SCHILLERSTROM, ALICE G., Research Associate in Psychology, in the Graduate College — resignation effective 3-13-51.
- SCHNEEWIND, JEROME B., Fellow in Philosophy — declination effective 9-16-51.
- SCHWARTZ, CECIL, Instructor in Physical Sciences, in the Undergraduate Division in Chicago — resignation effective 3-16-51.
- SCHWARTZ, DREW, Research Associate in Botany, in the Graduate College — resignation effective 4-1-51.
- SCOTT, EARLE S., Western Cartridge Olin Industries Fellow in Chemistry — declination effective 9-16-51.
- SHYER, HERBERT P., Fellow in Political Science — declination effective 9-16-51.
- SIMPSON, MRS. ELAINE C., Instructor in Library Science, and Assistant Reference Librarian, in the Undergraduate Division in Chicago — resignation effective 4-20-51.
- THOMAS, NORMAN W., Fellow in Chemistry — declination effective 9-16-51.
- WENNSTROM, ARTHUR E., Fellow in Electrical Engineering — declination effective 9-16-51.
- WIEBE, ROBERT H., Fellow in History — declination effective 9-16-51.
- WILKINSON, JACK L., Edward Orton Jr. Fellow in Ceramic Engineering — resignation effective 2-1-51.
- WILTANK, JAMES N., Fellow in Animal Science — declination effective 9-16-51.
- YAMAMURA, SAKAE, Fellow in Electrical Engineering — declination effective 9-16-51.

LEAVES OF ABSENCE

- AXELROD, AUDREY J., Assistant in Clinical Speech, in the Department of Otolaryngology, in the College of Medicine — leave of absence, without salary, March 19-April 30, 1951.
- BROWN, GEORGE B., Associate Professor of Library Science and Acquisition Librarian — leave of absence, without salary, beginning April 23, 1951, and continuing until further notice, for military service.
- FOGLE, CATHERINE L., Instructor in Auditory Training, in the Department of Otolaryngology, in the College of Medicine — leave of absence, without salary, one month beginning June 25, 1951.
- GETTMANN, ROYAL A., Professor of English — leave of absence, with full salary, March 12-May 31, 1951, on account of illness.
- HERMAN, CHARLES E., Superintendent of the Print Shop, in the University Press — leave of absence, with full salary, three months beginning March 1, 1951.
- HUDSON, ROBERT B., Associate Professor of Journalism and Communications, and Director of University Broadcasting — leave of absence, without salary, six months beginning March 15, 1951, so that he may undertake an important assignment for the Ford Foundation in helping to develop a sound program in the fields of radio and television.
- JOHNSTON, LESLIE D., Assistant Professor of the Classics — leave of absence, without salary, April 19-August 31, 1951, for military service.
- KROUSE, RUTH, Instructor in Physiology — leave of absence, with three-fourths salary, March 9-August 31, 1951, because of serious illness in her family.
- LEIMERT, MARY, Instructor in Clinical Speech, in the Department of Otolaryngology, in the College of Medicine — leave of absence, without salary, four months beginning May 1, 1951.
- STONE, ELIZABETH H., Electroencephalographer in Psychiatry, in the College of Medicine — leave of absence, without salary, April 16-April 28, 1951.
- WALSTON, ROBERT L., Lecturer in Management, in the Business Management Service, in the College of Commerce and Business Administration and in the Division of University Extension — leave of absence, without salary, six months beginning March 1, 1951, for military service.

HEARINGS ON UNIVERSITY OF ILLINOIS LEGISLATION

President Livingston announced that bills for appropriations to the University for operations and for buildings and other permanent improvements for the biennium of 1951-1953 had been introduced in the Sixty-seventh General Assembly and that hearings on these bills were scheduled for Tuesday afternoon, April 24, 1951, before the Senate and House Committees on Appropriations. He suggested that as many Trustees as could do so plan to attend these hearings.

VISIT OF THE GENERAL ASSEMBLY

President Livingston announced that the General Assembly of Illinois will make its biennial inspection of the University of Illinois, Urbana-Champaign Campus, on May 17 and 18, 1951, and suggested that as many Trustees as can do so be in Urbana for that event.

MAY MEETING

On motion of Mr. Fornof, the Board voted to hold its next meeting at Urbana-Champaign, on Friday evening, May 18, 1951, the hour to be determined later.

LUNCHEON WITH THE GOVERNOR

At this point, Governor Stevenson joined the Board.

On motion of Mr. Fornof, the Board adjourned to be guests of the Governor at luncheon.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

May 18, 1951



The May meeting of the Board of Trustees of the University of Illinois was held in the Faculty-Alumni Lounge of the Illini Union Building, Urbana, Illinois, on Friday, May 18, 1951, beginning at 8:00 p.m. (C.D.S.T.).

The following members were present: President Livingston, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Megran, Mr. Nickell, Mrs. Watkins.

Also present were President George D. Stoddard, Provost C. R. Griffith, Dean E. R. Serles of the College of Pharmacy, representing Vice-President A. C. Ivy, Mr. J. F. Wright, Director of Public Information, Professor Edward W. Cleary, Chairman of the Committee to Submit Nominations for the Deanship of the College of Commerce and Business Administration and to Assist in Planning the Reorganization of the College, Deans Henning Larsen and Willard B. Spalding of the University Council Executive Committee, Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of March 12-13, 1951, press proof copies of which had been sent to all members of the Board in advance.

On motion of Mr. Nickell, the minutes were approved as printed on pages 599 to 647, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following recommendations and reports presented by President Stoddard.

APPOINTMENTS TO THE 1951 SUMMER SESSION STAFF

(1) I submit the budget for the 1951 Summer Session. It provides for an eight weeks' session at Urbana-Champaign and at the Chicago Undergraduate Division, and for a small amount of instruction at the Chicago Professional Colleges.

Salaries of all members of the faculty who are recommended for appointments to the Summer Session staff are computed on the basis of two-ninths of the salary of the academic year for two months of summer service in accordance with the terms of employment of the academic staff authorized by the Board of Trustees.

The budget totals \$515,000 for Urbana-Champaign, including a reserve of approximately \$15,000 to be assigned by the Dean of the Summer Session in terms of enrollment demands, \$90,189 for the Chicago Undergraduate Division, and \$1,128 for the Chicago Professional Colleges.

I recommend that the appointments to the Summer Session staff and the allocation for unassigned salaries be approved as submitted and that the President of the University be authorized to make such changes and adjustments, including additional appointments and acceptance of resignations, as are necessary in accordance with the needs of the University.

On motion of Mr. Megran, these recommendations and appointments as listed below were approved by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Hickman, Mr. Stevenson.

Summary

Urbana-Champaign.....	\$515 000
Chicago Undergraduate Division.....	90 189
Chicago Professional Colleges.....	1 128
<i>Total, Summer Session.....</i>	<i>\$606 317</i>

URBANA-CHAMPAIGN**Aeronautical Engineering**

	<i>Part-time</i>	<i>Salary</i>
1. R. W. McCloy, Professor.....	$\frac{3}{4}$	\$ 919
2. J. M. Coan, Professor.....		1 378
3. H. H. Hilton, Instructor.....		867
		(\$3 164)

Agricultural Economics

1. P. E. Johnston, Professor (June 25 to July 21).....		\$ 800
2. G. L. Jordan, Professor.....	$\frac{1}{2}$	800
3. D. E. Lindstrom, Professor.....	$\frac{1}{2}$	700
4. R. J. Mutti, Assistant Professor.....	$\frac{1}{2}$	560
		(\$2 860)

Agricultural Engineering

1. R. I. Shawl, Professor.....		\$1 489
		(\$1 489)

		<i>Part-time</i>	<i>Salary</i>
Architecture			
1. T. C. Bannister, Professor and Head of Department.....			\$2 334
2. W. S. Kinne, Jr., Professor.....		I	667
3. G. S. Keith, Associate Professor.....		I	423
4. G. T. Clayton, Assistant Professor.....		I	000
5. H. C. Edwards, Instructor.....			978
6. J. E. Branch, Visiting Lecturer.....		I	400
			(\$8 802)
Art			
1. J. D. Hogan, Associate Professor.....			\$1 378
2. H. A. Schultz, Associate Professor.....	½		656
(See Education).....	½		(656)
(Total Salary).....			(I 312)
3. M. B. Martin, Assistant Professor.....		I	112
4. E. C. Rae, Assistant Professor.....		I	112
5. Nicholas Britsky, Assistant Professor.....		I	045
6. J. W. Rauschenberger, Assistant Professor.....		I	000
7. N. V. Zirolì, Assistant Professor.....		I	000
8. R. L. Drummond, Assistant Professor.....			956
9. Raymond Periman, Instructor.....			889
10. M. A. Sprague, Instructor.....			789
11. Bacia R. Stepler, Instructor.....			734
			(\$10 671)
Astronomy			
1. R. H. Baker, Professor.....	½	\$	889
			(\$ 889)
Bacteriology			
1. Sol Spiegelman, Professor.....			\$1 667
2. G. I. Wallace, Associate Professor.....		I	445
3. A. F. Borg, Assistant Professor.....		I	045
4. B. P. Sagik, Assistant.....	½		267
5. N. G. Roth, Assistant.....	½		267
6. H. F. Yarbrough, Jr., Assistant.....	½		267
7. D. G. Waldhalm, Assistant.....	½		267
			(\$5 225)
Bands			
1. E. D. Kisinger, Assistant Director.....	½	\$	556
(See Music).....	½		(556)
(Total Salary).....			(I 112)
			(\$ 556)
Botany			
1. Oswald Tippo, Professor and Chairman of Department.....			\$1 889
2. G. N. Jones, Professor.....		I	356
3. J. R. Laughnan, Assistant Professor.....		I	245
4. W. A. Brun, Assistant.....	½		267
5. P. A. Peterson, Assistant.....	½		267
6. W. L. Stern, Assistant.....	½		267
7. R. W. Lichtwardt, Assistant.....	½		267
			(\$5 558)
Business Organization and Operation			
1. E. R. Dillavou, Professor.....	½	\$	889
2. H. W. Huegy, Professor.....		I	667
3. C. A. Moyer, Professor.....		I	623
4. A. G. Anderson, Professor.....		I	556
5. H. H. Baily, Professor.....	½		778
6. H. L. Newcomer, Professor.....		I	556
7. M. J. Mandeville, Professor.....	½		756
8. E. L. Theiss, Professor.....		I	423

	<i>Part- time</i>	<i>Salary</i>
9. R. I. Dickey, Associate Professor.....	$\frac{3}{4}$	I 025
10. A. C. Condon, Associate Professor.....	$\frac{1}{2}$	689
(See Education).....	$\frac{1}{2}$	(689)
(Total Salary).....		(I 378)
11. F. M. Jones, Associate Professor.....		I 356
12. R. K. Mautz, Associate Professor.....	$\frac{1}{2}$	667
13. P. C. Roberts, Associate Professor.....	$\frac{1}{2}$	612
14. R. V. Mitchell, Assistant Professor.....		I 267
15. Nugent Wedding, Assistant Professor.....		I 267
16. J. M. Carrithers, Assistant Professor.....	$\frac{3}{4}$	869
17. W. E. Thomas, Assistant Professor.....	$\frac{1}{2}$	556
18. Elizabeth R. Melson, Instructor.....		956
19. F. L. Roberts, Instructor.....		889
20. Mrs. Alice C. Kirkpatrick, Instructor.....	$\frac{1}{2}$	434
21. G. D. Brighton, Instructor.....		845
22. W. O. Morris, Instructor.....	$\frac{1}{2}$	400
23. M. D. Richards, Instructor.....	$\frac{1}{2}$	400
24. Clinton Spivey, Instructor.....	$\frac{1}{2}$	389
25. D. A. Henning, Instructor.....	$\frac{1}{2}$	389
26. M. N. Broussard, Instructor.....	$\frac{1}{2}$	356
27. H. L. Crouse, Assistant.....		800
28. P.P. LeBreton, Assistant.....	$\frac{1}{2}$	289
29. D. H. Skadden, Assistant.....	$\frac{1}{2}$	312
		(\$25 015)

Chemistry

1. J. C. Bailar, Professor.....	\$2	223
2. H. A. Laitinen, Professor.....	I	689
3. H. R. Snyder, Professor.....	I	600
4. E. W. Comings, Professor.....	I	689
5. G. T. Moeller, Associate Professor.....	I	400
6. N. J. Leonard, Associate Professor.....	I	423
7. C. S. Vestling, Assistant Professor.....	I	267
8. L. M. Henderson, Assistant Professor.....	$\frac{1}{2}$	623
9. J. W. Westwater, Assistant Professor.....	I	000
10. Milton Tamres, Instructor.....		934
11. _____, Instructor.....		867
12. S. W. Pelletier, Instructor.....		867
13. E. J. Corey, Instructor.....		889
14. R. A. Johnson, Instructor.....		934
15. R. W. Sanftner, Assistant.....	$\frac{1}{2}$	267
16. Fred McCollough, Jr., Assistant.....	$\frac{1}{2}$	267
17. E. P. Bertin, Assistant.....	$\frac{1}{2}$	334
18. S. J. Bodnar, Assistant.....	$\frac{1}{2}$	267
19. B. B. Burnett, Assistant.....	$\frac{1}{2}$	267
20. G. C. Robinson, Assistant.....	$\frac{1}{2}$	267
21. W. E. Smith, Assistant.....	$\frac{1}{2}$	267
22. N. W. Thomas, Assistant.....	$\frac{1}{4}$	134
23. _____, Instructor.....	$\frac{1}{4}$	167
24. D. B. Bright, Assistant.....	$\frac{1}{4}$	167
25. R. J. Hellman, Assistant.....	$\frac{1}{4}$	167
26. A. J. Kresge, Assistant.....	$\frac{1}{4}$	167
27. _____, Assistant.....	$\frac{1}{4}$	500
28. D. W. Carley, Assistant.....	$\frac{1}{2}$	334
29. F. V. Fair, Assistant.....	$\frac{1}{2}$	334
30. M. W. Grieb, Assistant.....	$\frac{1}{2}$	334
31. D. E. Woerner, Assistant.....	$\frac{1}{2}$	334
32. W. A. Zeigler, Assistant.....	$\frac{1}{2}$	334
33. J. W. Berry, Assistant.....	$\frac{1}{2}$	334
34. _____, Assistant.....	$\frac{1}{2}$	334
35. _____, Assistant.....	$\frac{1}{4}$	167

	<i>Part-time</i>	<i>Salary</i>
36. P. A. Plattner, Visiting Lecturer		2 000
37. —————, Visiting Lecturer		1 800
		(\$26 948)

Civil Engineering

1. T. C. Shedd, Professor of Structural Engineering		\$2 223
2. Jamison Vawter, Professor	$\frac{3}{4}$	1 304
3. W. A. Oliver, Professor		1 489
4. J. G. Clark, Professor		1 467
5. E. R. Bretscher, Assistant Professor		1 112
6. D. A. Day, Instructor	$\frac{3}{4}$	593
		(\$8 188)

Civil Engineering Summer Camp

1. W. H. Rayner, Professor (July 9 to August 11)		\$ 834
2. L. D. Walker, Professor (June 11 to June 30; July 9 to August 11)		1 400
3. M. O. Schmidt, Associate Professor and Camp Director (June 4 to June 30; July 9 to August 18)		1 529
4. G. H. Dell, Associate Professor (June 11 to June 30; July 9 to August 11)		1 200
5. J. C. Chaderton, Assistant Professor (June 11 to June 30; July 9 to August 11)		1 112
6. E. J. Daily, Assistant Professor (June 11 to June 30; July 9 to August 11)		1 112
7. —————, Camp Doctor (July 9 to August 11)		315
8. Expense		4 800
		(\$12 302)

Classics

1. Alexander Turyn, Professor		\$1 556
2. R. P. Oliver, Associate Professor	$\frac{1}{2}$	622
(See Spanish and Italian)	$\frac{1}{2}$	(623)
(Total Salary)		(1 245)
		(\$2 178)

Economics

1. D. P. Locklin, Professor		\$1 845
2. H. K. Allen, Professor		1 834
3. P. M. Van Arsdell, Professor	$\frac{1}{2}$	790
4. P. H. Brown, Professor		1 612
5. D. L. Kemmerer, Professor		1 512
6. R. M. Nolen, Professor		1 445
7. R. I. Mehr, Associate Professor		1 500
8. W. C. Robb, Associate Professor		1 334
9. —————, Assistant Professor		1 000
10. Janet L. Weston, Assistant Professor	$\frac{1}{2}$	534
11. R. H. McEvoy, Assistant Professor		1 000
12. O. C. Herfindahl, Assistant Professor		1 112
13. H. M. Dixon, Assistant	$\frac{1}{2}$	334
14. E. L. Eckles, Assistant	$\frac{1}{2}$	267
15. A. S. Hall, Assistant	$\frac{1}{2}$	312
16. C. E. Marberry, Assistant	$\frac{1}{2}$	267
17. S. T. Worland, Assistant	$\frac{1}{2}$	312
18. R. D. Pashek, Assistant	$\frac{1}{2}$	267
19. Don Patinkin, Visiting Lecturer		1 500
		(\$18 777)

Education

1. K. D. Benne, Professor		\$1 667
2. T. E. Benner, Professor		2 000
3. G. M. Blair, Professor		1 445
4. R. W. Burnett, Professor		1 567
5. A. W. Clevenger, Professor		1 612

	Part- time	Salary
6. J. J. DeBoer, Professor.....		I 567
7. H. C. Hand, Professor.....		I 778
8. W. V. Kaulfers, Professor.....		I 489
9. S. A. Kirk, Professor.....		I 678
10. A. B. Mays, Professor.....		I 667
11. P. V. Miller, Professor.....		I 489
12. C. W. Odell, Professor.....		I 334
13. E. H. Reeder, Professor.....		I 689
14. J. H. Shores, Professor.....		I 334
15. R. H. Simpson, Professor.....		I 367
16. B. O. Smith, Professor.....		I 778
17. Letitia Walsh, Professor.....		I 434
18. A. W. Anderson, Associate Professor.....		I 323
19. A. C. Condon, Associate Professor.....	½	689
(See Business Organization and Operation).....	½	(689)
(Total Salary).....		(I 378)
20. K. B. Henderson, Associate Professor.....		I 356
21. M. K. Humble, Associate Professor.....		I 267
22. M. R. Karnes, Associate Professor.....		I 200
23. Liesette McHarry, Associate Professor.....		I 200
24. H. A. Schultz, Associate Professor of Art Education.....	½	656
(See Art).....	½	(656)
(Total Salary).....		(I 312)
25. H. S. Zim, Associate Professor.....		I 334
26. F. P. Barnes, Assistant Professor.....		I 200
27. R. N. Evans, Assistant Professor.....		I 000
28. C. R. Hill, Assistant Professor.....		I 000
29. G. O. Johnson, Assistant Professor.....		I 112
30. R. S. Jones, Assistant Professor.....		934
31. W. M. Lifton, Assistant Professor.....		I 112
32. W. E. Martin, Assistant Professor.....		I 040
33. Foster McMurray, Assistant Professor.....		I 000
34. L. E. Metcalf, Assistant Professor.....		978
35. R. E. Pingry, Assistant Professor.....		934
36. G. W. Reagan, Assistant Professor.....		I 128
37. W. O. Stanley, Assistant Professor.....		I 156
38. Ritta Whitesel, Assistant Professor of Home Economics.....	¾	234
(See Home Economics).....	¾	(467)
(Total Salary).....		(701)
39. Mrs. Catharine Adams, Instructor.....	⅓	314
40. Z. G. Barnett, Instructor.....		845
41. Susan Crain, Instructor.....		889
42. E. L. Gaier, Instructor.....		889
43. Irving Lazar, Instructor.....		934
44. M. J. Scott, Instructor.....		889
45. Elizabeth J. Simpson, Instructor (June 25 to July 21).....	½	223
46. Kathryn Weesner, Instructor in Home Economics (June 25 to July 21).....	½	189
47. Norman Young, Instructor.....		800
48. Mrs. Metta M. Zahorsky, Instructor.....	¾	225
49. E. A. Bond, Visiting Lecturer.....		I 500
50. Florence Flach, Visiting Lecturer.....	⅓	300
51. Kenneth Howe, Visiting Lecturer.....		I 200
52. Leonard Kenworthy, Visiting Lecturer.....		I 500
53. David Kopel, Visiting Lecturer.....		I 500
54. Lee Meyerson, Visiting Lecturer.....		I 500
55. V. J. Morford, Visiting Lecturer (June 25 to July 21).....		700
56. S. M. Stoke, Visiting Lecturer.....		I 500
57. O. G. Thompson, Visiting Lecturer (June 25 to July 21).....		700
58. L. R. Wheeler, Visiting Lecturer.....		I 500
59. Bonnie Lewis, Visiting Lecturer.....	¾	400
60. Muriel Brown, Visiting Lecturer (Paid by U. S. Office of Education).....		.....

	<i>Part-time</i>	<i>Salary</i>
61. W. J. Moore, Visiting Lecturer		I 200
62. T. H. Poulos, Visiting Lecturer	$\frac{1}{2}$	600
63. Anita Dowler, Visiting Lecturer		800
64. _____, Teacher in Elementary Demonstration School (six weeks)		800
65. Conference Expense	2	200
66. Wages, Curriculum Workshop		320
		(\$73 165)

Electrical Engineering

1. M. A. Faucett, Professor		\$I 556
2. G. H. Fett, Professor		I 556
3. C. A. Keener, Professor		I 623
4. A. R. Knight, Professor		I 845
5. J. O. Kraehenbuehl, Professor		I 667
6. J. K. Tuthill, Professor		I 334
7. L. B. Archer, Associate Professor		I 200
8. W. L. Emery, Associate Professor		I 223
9. M. S. Helm, Associate Professor		I 289
10. P. F. Schwarzlose, Associate Professor		I 178
11. C. E. Skroder, Associate Professor		I 267
12. D. F. Hang, Assistant Professor		978
13. P. K. Hudson, Assistant Professor	$\frac{1}{2}$	512
14. M. S. McVay, Assistant Professor	$\frac{1}{2}$	556
15. L. O. Brown, Instructor	$\frac{1}{2}$	378
16. A. S. Chodakowski, Instructor		890
17. C. L. Coates, Instructor		845
18. C. V. Jakowatz, Instructor		889
19. J. U. Jeffries, Instructor		712
20. S. W. Tehon, Instructor		845
		(\$22 343)

English

1. H. F. Fletcher, Professor		\$2 167
2. _____, Professor		I 556
3. R. M. Smith, Professor		I 489
4. J. T. Flanagan, Professor		I 445
5. C. H. Shattuck, Associate Professor	$\frac{1}{2}$	623
(See Speech Summer Theater Program	$\frac{1}{2}$	(623)
(Total Salary)		(I 246)
6. B. A. Milligan, Associate Professor		I 223
7. R. B. Weirick, Associate Professor		I 223
8. J. N. Hook, Associate Professor		I 134
9. G. P. Haskell, Assistant Professor	$\frac{5}{8}$	908
10. G. B. Evans, Assistant Professor		I 089
11. _____, Assistant Professor	$\frac{1}{2}$	534
12. R. W. Rogers, Assistant Professor	$\frac{1}{2}$	523
13. F. W. Weeks, Assistant Professor of Business English	$\frac{1}{2}$	500
14. _____, Assistant Professor	$\frac{1}{2}$	489
15. Cornelia P. Kelley, Assistant Professor	$\frac{3}{4}$	593
16. Margaret French, Assistant Professor	$\frac{1}{3}$	297
17. Margaret Bloom, Instructor	$\frac{1}{3}$	260
18. George Scouffas, Instructor		778
19. H. F. Robins, Instructor	$\frac{1}{2}$	389
20. N. P. Davis, Instructor in Business English	$\frac{1}{2}$	367
21. Bruce Harkness, Instructor	$\frac{1}{2}$	389
22. J. A. Hamilton, Instructor	$\frac{1}{3}$	238
23. W. J. Chamberlin, Instructor	$\frac{1}{2}$	356
24. W. B. Stone, Instructor	$\frac{1}{2}$	389
25. William Buckler, Instructor	$\frac{1}{3}$	260
26. J. T. Maguire, Assistant in Business English		667
27. Mary Hussey, Assistant		667
28. Sonia Miller, Assistant	$\frac{1}{2}$	312

	<i>Part-time</i>	<i>Salary</i>
29. Constance Nicholas, Assistant	$\frac{3}{4}$	415
30. J. B. Foster, Assistant	$\frac{1}{2}$	300
31. J. D. Bailey, Assistant	$\frac{1}{2}$	289
32. Verna Wittrock, Assistant	$\frac{3}{4}$	371
33. J. H. Dugas, Assistant	$\frac{1}{2}$	278
34. L. C. Wagy, Assistant		534
35. D. E. McCoy, Assistant	$\frac{1}{2}$	267
36. _____, Assistant	$\frac{1}{2}$	267
37. P. R. Stewart, Assistant	$\frac{1}{2}$	267
38. H. W. Wilson, Assistant	$\frac{1}{2}$	267
		(\$24 120)

Entomology

1. W. V. Balduf, Professor		\$1 445
2. V. G. Milum, Associate Professor	$\frac{1}{2}$	595
3. W. R. Horsfall, Assistant Professor		I 067
4. H. E. Gray, Assistant	$\frac{1}{2}$	267
		(\$3 374)

French

1. C. A. Knudson, Professor		\$1 734
2. Philip Kolb, Assistant Professor		I 067
3. F. W. Nachtmann, Instructor		885
4. B. H. Mainous, Instructor		823
5. Mrs. Roberta R. Harrison, Assistant		534
6. Patricia Annable, Assistant	$\frac{1}{2}$	267
7. T. E. Comfort, Assistant	$\frac{1}{2}$	267
8. R. E. Oliver, Assistant	$\frac{1}{2}$	267
9. _____, Assistant	$\frac{1}{2}$	267
		(\$6 111)

General Engineering Drawing

1. T. C. Hartley, Assistant		\$ 667
		(\$ 667)

Geography

1. W. O. Blanchard, Professor		\$1 467
2. F. W. Foster, Associate Professor		I 223
3. A. W. Booth, Associate Professor		I 223
4. R. L. Carmin, Assistant Professor		I 112
5. _____, Assistant	$\frac{1}{2}$	267
6. _____, Assistant	$\frac{1}{2}$	267
7. _____, Assistant	$\frac{1}{2}$	267
		(\$5 826)

Geology

1. J. L. Hough, Professor (August 15 to September 15)	$\frac{1}{2}$	\$ 723
2. _____, Professor		I 600
3. H. R. Wanless, Professor		I 778
4. W. M. Merrill, Instructor		845
5. _____, Assistant	$\frac{1}{2}$	267
6. D. H. Chapman, Visiting Lecturer		I 200
		(\$6 413)

German

1. Helmut Rehder, Professor	$\frac{3}{4}$	\$1 584
2. J. T. Geissendoerfer, Professor	$\frac{3}{4}$	I 050
3. E. A. Philippson, Associate Professor	$\frac{3}{4}$	I 017
4. Henri Stegemeier, Associate Professor	$\frac{1}{2}$	925
5. W. F. Roertgen, Instructor		778
6. W. K. H. Gieseke, Instructor	$1\frac{1}{2}$	605
7. R. S. Sears, Assistant	$\frac{1}{2}$	267
8. _____, Assistant	$\frac{1}{2}$	267
		(\$ 6 493)

	History	Part-time	Salary
1.	F. S. Rodkey, Professor		\$1 467
2.	F. A. Shannon, Professor	I	889
3.	J. W. Swain, Professor	I	723
4.	R. P. Stearns, Professor	I	612
5.	A. E. Bestor, Associate Professor	I	334
6.	R. N. Current, Associate Professor	I	289
7.	R. M. Sutton, Instructor		850
8.	W. J. Bouwsma, Instructor		800
9.	P. I. Mitterling, Assistant	$\frac{1}{2}$	312
10.	G. W. Morell, Assistant	$\frac{1}{2}$	312
11.	E. W. Sigmund, Assistant	$\frac{1}{2}$	312
12.	D. F. Tingley, Assistant	$\frac{1}{3}$	208
			(\$12 108)

Home Economics

1.	Nellie Perkins, Professor		\$1 400
2.	Pearl Janssen, Associate Professor (June 25 to July 21)		612
3.	Harriet Barto, Associate Professor	I	112
4.	Ritta Whitesel, Assistant Professor	$\frac{1}{2}$	467
	(See Education)	$\frac{1}{4}$	(234)
	(Total Salary)		(701)
5.	Mrs. Millicent Martin, Instructor		667
6.	Mrs. Barbrea Rogers, Assistant	$\frac{1}{2}$	356
7.	_____, Visiting Lecturer (July 23 to August 18)		556
8.	_____, Visiting Lecturer	$\frac{7}{10}$	623
			(\$5 793)

Hygiene

1.	Mrs. Dorothy M. Nelson, Instructor		\$ 756
			(\$ 756)

Journalism and Communications

1.	L. W. McClure, Associate Professor	$\frac{3}{4}$	\$ 920
2.	R. D. Millican, Assistant Professor	$\frac{3}{4}$	867
	(See Student Counseling Bureau)	$\frac{1}{4}$	(289)
	(Total Salary)		(1 156)
3.	J. T. Trebilcock, Assistant Professor	$\frac{3}{4}$	840
4.	H. E. Hill, Instructor	$\frac{1}{4}$	205
5.	J. B. Woodson, Jr., Instructor	$\frac{1}{2}$	436
			(\$3 268)

Law

1.	R. N. Sullivan, Professor	$\frac{3}{4}$	\$1 917
2.	G. B. Weisiger, Professor	$\frac{3}{4}$	I 417
3.	A. F. Conard, Associate Professor	$\frac{3}{4}$	I 334
4.	R. G. Cohn, Associate Professor	$\frac{3}{4}$	I 334
5.	J. N. Young, Assistant Professor	$\frac{3}{4}$	I 084
6.	J. E. Cribbet, Assistant Professor	$\frac{3}{4}$	I 084
7.	C. H. Bowman, Assistant Professor	$\frac{3}{4}$	I 000
8.	R. J. Faletti, Assistant Professor	$\frac{3}{4}$	917
			(\$10 087)

Library School

1.	Thelma Eaton, Associate Professor		\$1 178
2.	L. W. Dunlap, Associate Professor	I	334
3.	Alice Lohrer, Assistant Professor	I	067
4.	Marie M. Hostetter, Assistant Professor		978
5.	C. W. Stone, Assistant Professor	I	045
6.	Jo Ann Wiles, Assistant		578
7.	R. H. Muller, Visiting Lecturer	I	400
8.	J. C. Harrison, Visiting Lecturer	I	200
9.	Mrs. Sonya K. Essin, Visiting Lecturer	I	000

	<i>Part-time</i>	<i>Salary</i>
10. Ellen L. Stanley, Visiting Lecturer.....		900
11. Rachel C. Wilkes, Visiting Lecturer.....		600
12. Institute for Librarians in Service.....		300
		(\$11 580)

Mathematics

1. W. G. Madow, Professor of Mathematical Statistics.....		\$2 000
2. C. W. Mendel, Associate Professor.....		1 445
3. Harry Levy, Associate Professor.....		1 289
4. J. W. Peters, Associate Professor.....		1 156
5. M. K. Fort, Jr., Assistant Professor.....		1 067
6. Herman Chernoff, Assistant Professor.....		1 045
7. Lowell Schoenfeld, Assistant Professor.....		1 045
8. W. A. Ferguson, Assistant Professor.....		1 000
9. _____, Assistant Professor.....		1 000
10. Irving Reiner, Assistant Professor.....		1 000
11. F. E. Hohn, Assistant Professor.....		978
12. V. A. Hoersch, Assistant Professor.....		934
13. Clarence Phillips, Instructor.....		778
14. Meyer Jerison, Research Associate.....		712
15. L. C. Butler, Assistant.....	$\frac{1}{2}$	267
16. B. V. Dean, Assistant.....		578
17. A. V. Fend, Assistant.....	$\frac{1}{2}$	267
18. L. R. Ford, Jr., Assistant.....	$\frac{1}{3}$	178
19. R. E. Priest, Assistant.....	$\frac{1}{3}$	193
20. W. G. Rosen, Assistant.....		578
21. J. U. Russell, Assistant.....	$\frac{1}{2}$	267
22. F. S. Scalora, Assistant.....	$\frac{1}{2}$	267
23. L. L. Scott, Assistant.....		578
24. L. J. Snell, Assistant.....	$\frac{1}{2}$	289
		(\$18 911)

Mechanical Engineering

1. D. G. Ryan, Professor.....		\$1 734
2. K. J. Trigger, Professor.....	$\frac{3}{4}$	1 167
3. Everett Laitala, Professor.....	$\frac{3}{4}$	1 000
4. J. H. Potter, Professor.....		1 378
5. W. L. Hull, Professor.....		1 334
6. D. H. Krans, Associate Professor.....		1 289
7. H. H. Korst, Associate Professor.....		1 112
8. E. L. Broghamer, Associate Professor.....		1 267
9. Francis Seyfarth, Associate Professor.....		1 200
10. D. E. McFeron, Assistant Professor.....	$\frac{1}{2}$	456
11. C. H. McClay, Instructor.....		834
12. J. W. Bayne, Instructor.....		800
		(\$13 571)

Music

1. D. A. Branigan, Professor and Acting Director.....	$\frac{1}{2}$	\$ 534
2. B. R. Foote, Professor.....		1 556
3. W. G. Hill, Professor.....	$\frac{1}{2}$	723
4. M. H. Hindsley, Professor.....	$\frac{1}{4}$	417
5. Hubert Kessler, Professor.....	$\frac{1}{3}$	482
6. R. H. Miles, Professor.....	$\frac{1}{3}$	467
7. Paul Young, Professor.....		1 556
8. B. M. Goodman, Associate Professor.....	$\frac{3}{4}$	917
9. King Kellogg, Associate Professor.....		1 112
10. P. S. Pettinga, Associate Professor.....	$\frac{1}{2}$	600
(See Student Counseling Bureau).....	$\frac{1}{2}$	(600)
(Total Salary).....		(1 200)
11. H. C. C. Schmitt, Associate Professor.....	$\frac{3}{4}$	917

	<i>Part-time</i>	<i>Salary</i>
12. R. H. Swenson, Associate Professor.....	$\frac{3}{4}$	917
13. G. R. Waller, Associate Professor.....	$\frac{1}{2}$	573
14. Mrs. Velma K. Wilson, Associate Professor.....	I	212
15. Norman Cazden, Assistant Professor.....	I	178
16. E. D. Kisinger, Assistant Professor.....	$\frac{1}{2}$	556
(See Bands).....	$\frac{1}{2}$	(556)
(Total Salary).....		(I 112)
17. Wolfgang Kuhn, Assistant Professor.....	$\frac{1}{3}$	349
18. Claire Richards, Assistant Professor.....	$\frac{1}{2}$	445
19. H. O. Sexton, Assistant Professor.....	I	112
20. A. M. Carter, Instructor.....		823
21. J. C. Garvey, Instructor.....	$\frac{3}{4}$	700
22. D. A. Ledet, Instructor.....		778
23. A. J. McDowell, Instructor.....	I	000
24. G. H. Hunter, Instructor.....		823
25. P. W. Price, Instructor.....		756
26. Webster Aitken, Visiting Lecturer.....	I	650
27. Special Clinics and Events.....		250
28. Summer Youth Music Program.....		8 500
		(\$30 903)

Nursery School

1. Theresa J. Peterson, Instructor.....	$\frac{3}{4}$	\$ 608
2. Betty J. Ashworth, Instructor.....	$\frac{1}{2}$	509
3. Mrs. Sara L. Hagenson, Instructor.....	$\frac{3}{4}$	524
4. Mrs. Elizabeth Dubin, Instructor.....	$\frac{3}{4}$	540
5. Ruth Clore, Instructor.....	$\frac{3}{4}$	540
6. Edith A. Matthews, Assistant Teacher.....	$\frac{3}{4}$	429
7. _____, Assistant Teacher.....	$\frac{3}{4}$	429
8. Beverly Pierce, Assistant Teacher.....	$\frac{3}{4}$	429
9. _____, Assistant Teacher.....	$\frac{3}{4}$	429
		(\$4 437)

Philosophy

1. F. L. Will, Associate Professor.....		\$1 389
2. B. J. Diggs, Assistant Professor.....	I	078
3. Leonard Linsky, Instructor.....		845
4. H. M. Tiebout, Instructor.....		856
		(\$4 168)

Physical Education for Men

1. T. K. Cureton, Professor.....		\$1 912
2. G. T. Stafford, Professor.....	$\frac{3}{4}$	I 250
3. D. R. Mills, Professor.....	$\frac{1}{8}$	445
4. Raymond Eliot, Associate Professor.....	$\frac{1}{4}$	445
5. R. H. Johnson, Assistant Professor.....	I	289
6. A. E. Florio, Assistant Professor.....	I	267
7. A. W. Hubbard, Assistant Professor.....	I	245
8. R. E. Shelton, Assistant Professor.....	$\frac{1}{3}$	371
(See Summer Residential Clinic).....	$\frac{1}{4}$	(278)
(Total Salary).....		(649)
9. H. A. Combes, Assistant Professor.....	$\frac{1}{4}$	245
10. R. E. Fletcher, Assistant Professor.....	$\frac{9}{10}$	489
11. T. J. Nugent, Instructor.....	$\frac{3}{4}$	617
12. R. V. Ganslen, Instructor.....	$\frac{1}{2}$	445
13. E. D. Michael, Jr., Instructor.....	$\frac{1}{2}$	356
14. J. A. Bender, Instructor.....	$\frac{1}{2}$	400
15. A. H. Seidler, Instructor.....	$\frac{1}{4}$	223
16. J. L. Breen, Assistant.....	$\frac{1}{4}$	206
17. W. J. Barber, Jr., Assistant.....	$\frac{1}{4}$	184
18. R. C. Mears, Assistant.....	$\frac{1}{4}$	156
		(\$11 545)

		<i>Part-</i>	<i>Salary</i>
		<i>time</i>	
Physical Education for Women			
1.	Mary F. Lawson, Assistant Professor.....		\$1 212
2.	Carita Robertson, Assistant Professor.....	I	178
3.	Mrs. Doris L. Bullock, Instructor.....		867
4.	Lorraine M. Nielsen, Assistant.....		578
			(\$3 835)
Physics			
1.	R. F. Paton, Associate Professor.....		\$1 378
2.	J. M. Blatt, Assistant Professor.....	I	289
3.	R. D. Rawcliffe, Assistant Professor.....	I	378
4.	J. N. Snyder, Instructor.....	I	045
5.	R. A. Rubenstein, Assistant.....	½	267
6.	M. Q. Barton, Assistant.....	½	267
7.	C. A. Mackliet, Assistant.....	½	178
8.	D. R. Maxson, Assistant.....	½	178
9.	B. B. Houston, Jr., Assistant.....	½	178
10.	Harry Lustig, Assistant.....	½	267
11.	R. L. Edwards, Visiting Lecturer.....	I	600
			(\$8 025)
Physiology			
1.	A. B. Taylor, Associate Professor.....		\$1 178
2.	Frederick Sargent, II, Assistant Professor.....	½	500
3.	J. D. Anderson, Instructor.....		845
4.	S. G. Stolpe, Instructor.....		845
5.	Donald Beyer, Assistant.....		623
6.	_____, Assistant.....	½	267
7.	_____, Assistant.....	½	267
8.	P. A. Stewart, Visiting Lecturer.....		844
			(\$5 369)
Political Science			
1.	J. M. Mathews, Professor.....		\$1 889
2.	C. F. Snider, Professor.....	I	445
3.	E. G. Lewis, Associate Professor.....	I	167
4.	N. F. Garvey, Assistant Professor.....	¼	223
5.	R. E. Scott, Instructor.....		834
			(\$5 558)
Psychology			
1.	A. L. Irion, Associate Professor.....	½	\$ 556
2.	W. G. McAllister, Associate Professor.....	½	578
3.	R. Elizabeth Brown, Assistant Professor.....	I	096
4.	J. B. Cohen, Assistant Professor.....	I	107
5.	S. S. Dubin, Assistant Professor.....	½	445
6.	H. A. Grace, Assistant Professor.....		978
7.	Mrs. Leota L. Janke, Assistant Professor.....	½	500
8.	P. V. Marchetti, Assistant Professor.....		967
9.	G. J. Wischner, Assistant Professor.....	½	533
	(See Speech).....	½	(534)
	(Total Salary).....		(I 067)
			(\$6 760)
Social Welfare Administration			
1.	W. P. Simon, Associate Professor.....		\$1 500
2.	D. Katharine Rogers, Assistant Professor.....	I	112
3.	Howard Hollenbeck, Assistant Professor.....	¼	256
4.	Marjorie Main, Assistant Professor.....	¼	234
5.	_____, Lecturer at Camp Algonquin.....		200
			(\$3 302)

Sociology and Anthropology

	<i>Part-time</i>	<i>Salary</i>
1. B. F. Timmons, Associate Professor of Sociology.....		\$1 378
2. J. E. Hulett, Jr., Associate Professor of Sociology.....	I	289
3. J. C. McGregor, Associate Professor of Anthropology.....	I	289
4. Oscar Lewis, Associate Professor of Anthropology.....	I	289
5. Robert Dubin, Associate Professor of Sociology.....	I	289
6. Robert Bierstedt, Assistant Professor of Sociology.....	I	112
7. Richard Dewey, Assistant Professor of Sociology.....	I	112
8. Alvin Boskoff, Instructor in Sociology.....		845
		(\$9 603)

Spanish and Italian

1. John Van Horne, Professor and Head of Department.....		\$2 000
2. H. R. Kahane, Professor.....	½	723
3. R. P. Oliver, Associate Professor.....	½	623
(See Classics).....	½	(622)
(Total Salary).....		(I 245)
4. S. L. Murphy, Instructor.....		800
5. Mrs. Ruth C. Fosnaugh, Assistant.....		712
6. Mrs. Verna Townsend, Assistant.....	¾	400
7. _____, Assistant.....	½	267
8. _____, Assistant.....	½	312
9. _____, Assistant.....	½	312
		(\$6 149)

Speech

1. B. W. Hewitt, Professor.....	½	\$ 778
(See Theater).....	½	(778)
(Total Salary).....		(I 556)
2. Severina Nelson, Professor.....	½	667
(See Speech Clinic).....	½	(667)
(Total Salary).....		(I 334)
3. E. T. Curry, Associate Professor.....		I 334
4. L. S. Hultzén, Associate Professor.....		I 167
5. J. C. Kelly, Associate Professor.....		I 178
6. Richard Murphy, Associate Professor.....	½	634
7. Wesley Swanson, Associate Professor.....	½	645
(See Theater).....	½	(644)
(Total Salary).....		(I 289)
8. K. A. Windesheim, Associate Professor.....		I 178
9. O. A. Dieter, Assistant Professor.....	½	534
10. H. E. Gulley, Assistant Professor.....	½	500
11. Marie Hochmuth, Assistant Professor.....		I 023
12. H. L. Mueller, Assistant Professor.....	½	489
13. J. W. Scott, Assistant Professor.....	½	500
(See Theater).....	½	(500)
(Total Salary).....		(I 000)
14. G. J. Wischner, Assistant Professor.....	½	534
(See Psychology).....	½	(533)
(Total Salary).....		(I 067)
15. Mary Arbenz, Instructor.....	½	412
16. Clara Behringer, Instructor.....	½	378
(See Theater).....	½	(378)
(Total Salary).....		(756)
17. Kenneth Burns, Instructor.....	½	423
18. Ida Levinson, Instructor.....		812
19. Patricia McIlrath, Instructor.....		845
20. Ned Donahoe, Assistant.....	½	356
(See Theater).....	½	(356)
(Total Salary).....		(712)
21. Margaret E. Clifford, Visiting Lecturer.....		I 000
22. Wages.....		250
		(\$15 637)

Speech Summer Theater Program		Part-time	Salary
1. B. W. Hewitt, Professor	.....	½	\$ 778
(See Speech)	.....	½	(778)
(Total Salary)	.....		(1 556)
2. Wesley Swanson, Associate Professor	.....	½	644
(See Speech)	.....	½	(645)
(Total Salary)	.....		(1 289)
3. C. H. Shattuck, Associate Professor	.....	½	623
(See English)	.....	½	(623)
(Total Salary)	.....		(1 246)
4. J. W. Scott, Assistant Professor	.....	½	500
(See Speech)	.....	½	(500)
(Total Salary)	.....		(1 000)
5. Clara Behringer, Instructor	.....	½	378
(See Speech)	.....	½	(378)
(Total Salary)	.....		(756)
6. Ned Donahoe, Assistant	.....	½	356
(See Speech)	.....	½	(356)
(Total Salary)	.....		(712)
7. Genevieve Richardson, Assistant	.....		667
8. _____, Assistant	.....	½	267
9. _____, Assistant	.....	½	267
10. _____, Assistant	.....	½	267
11. _____, Assistant	.....	½	267
12. _____, Assistant	.....	½	267
13. _____, Assistant	.....	½	267
14. _____, Assistant	.....	½	267
15. Expenses for Demonstration Program of Shakespearian Productions using 25 High School Students	.....		2 080
			(\$7 895)

Speech Clinic

1. Severina Nelson, Professor	.....	½	\$ 667
(See Speech)	.....	½	(667)
(Total Salary)	.....		(1 334)
2. Mrs. Naomi Hunter, Instructor	.....		802
3. Mrs. Marie Shere, Instructor	.....		878
4. Carol Roach, Assistant	.....	½	312
			(\$2 659)

Speech Summer Residential Clinic

1. L. W. Olson, Instructor and Coordinator	.....		\$ 778
2. R. E. Shelton, Swimming Supervisor	.....	¾	278
(See Physical Education for Men)	.....	¾	(371)
(Total Salary)	.....		(649)
3. 20 Half-time Assistants (To be paid from Division of Services for Crippled Children)	.....		(5 340)
4. Richard Brett, Visiting Lecturer	.....		750
5. Wages	.....		510
			(\$2 316)

Student Counseling Bureau

1. R. G. Brooks, Counselor	.....		\$ 678
2. Frank Costin, Counselor	.....		1 067
3. R. D. Millican, Counselor	.....	¾	289
(See Journalism and Communications)	.....	¾	(867)
(Total Salary)	.....		(1 156)
4. P. S. Pettinga, Counselor	.....	½	600
(See Music)	.....	½	(600)
(Total Salary)	.....		(1 200)
			(\$2 634)

Theoretical and Applied Mechanics		Part-time	Salary
1. W. M. Lansford, Professor.....	$\frac{1}{2}$	\$	756
2. W. L. Collins, Professor.....	$\frac{1}{2}$		700
3. T. J. Dolan, Research Professor.....	$\frac{1}{2}$		317
4. W. E. Black, Associate Professor.....	$\frac{1}{2}$		623
5. P. G. Jones, Associate Professor.....	$\frac{1}{2}$		645
6. R. L. Brown, Assistant Professor.....	$\frac{1}{2}$		506
7. _____, Assistant Professor.....		I	056
8. T. M. Elsesser, Instructor.....	$\frac{1}{2}$		428
9. A. Q. Mowbray, Jr., Instructor.....			845
10. J. R. Snowden, Instructor.....	$\frac{1}{2}$		412
11. C. E. Taylor, Instructor.....	$\frac{1}{2}$		467
			(\$6 755)
Zoology			
1. R. R. Kudo, Professor.....		\$I	778
2. W. M. Luce, Associate Professor.....		I	178
3. H. M. Smith, Associate Professor.....	$\frac{1}{2}$		612
4. H. I. Fisher, Assistant Professor.....	$\frac{1}{2}$		623
5. F. J. Kruidenier, Instructor.....			889
6. David Shomay, Assistant.....	$\frac{1}{2}$		267
7. _____, Assistant.....	$\frac{1}{2}$		267
8. _____, Assistant.....	$\frac{1}{2}$		267
			(\$5 881)
Sub-total, Urbana-Champaign.....			\$500 639
Unassigned Salaries (to be assigned by the Dean of the Summer Session when enrollments require additional staff).....			I4 361
Total, Summer Session, Urbana-Champaign.....			\$515 000

CHICAGO UNDERGRADUATE DIVISION

Biological Sciences		Part-time	Salary
1. D. L. Hopkins, Associate Professor.....	$\frac{1}{2}$	\$	778
2. A. D. Pickett, Assistant Professor.....	$\frac{1}{2}$		578
3. William Sangster, Assistant Professor.....		I	156
4. K. M. Madison, Assistant Professor.....		I	000
5. A. S. Rouffa, Assistant Professor.....	$\frac{1}{2}$		500
6. Mrs. Jane S. Grubgeld, Instructor.....			889
7. _____, Instructor.....			900
			(\$5 801)
Commerce and Business Administration			
1. W. D. Grampp, Associate Professor of Economics.....		\$I	334
2. Lucile Derrick, Associate Professor of Economics.....	$\frac{1}{2}$	I	014
3. Samuel Fox, Assistant Professor of Accountancy.....		I	245
4. W. J. Dunne, Instructor in Economics.....	$\frac{1}{2}$		854
5. Janice Nystrom, Instructor in Economics.....		I	067
6. A. F. Jung, Instructor in Economics.....			912
7. Oscar Miller, Instructor in Economics.....			912
8. E. C. Knudson, Instructor in Economics.....			912
9. H. G. Yankow, Instructor in Accountancy.....			912
10. E. W. Berg, Instructor in Accountancy.....			912
11. Josephine Johnson, Instructor in Accountancy.....			878
12. L. V. Conway, Instructor in Economics.....			845
13. H. F. Williams, Instructor in Economics.....			845
14. Dorothy Eggebrecht, Instructor in Accountancy.....			823
15. W. A. Moldermaker, Assistant in Accountancy.....			734
			(\$14 199)

Engineering		Part- time	Salary
1. H. B. McEldowney, Associate Professor of Architecture and Head of Department	3/4	\$1	250
2. O. L. Railsback, Professor of Physics and Head of Department	3/3	I	112
3. S. E. Shapiro, Assistant Professor of General Engineering Drawing		I	289
4. A. C. Cobb, Assistant Professor of Theoretical and Applied Mechanics		I	134
5. J. F. Richardson, Assistant Professor of Art		I	134
6. Ogden Livermore, Instructor in Physics		I	109
7. A. F. Silkett, Instructor in Physics		I	067
8. G. J. Zanotti, Instructor in General Engineering Drawing		I	045
9. H. J. Johnson, Instructor in Physics			956
(See Student Counseling Bureau)	3/4 ¹		(156)
(Total Salary)		(I)	112
10. H. M. Skadeland, Instructor in Physics			934
11. H. L. Mikolajczyk, Assistant Professor of Architecture	3/3		912
12. W. R. Anderson, Instructor in Physics			889
13. F. A. Kahler, Instructor in Theoretical and Applied Mechanics			889
14. R. M. Price, Assistant Professor of Physics	1/2		694
		(\$14)	414)

Humanities			
1. E. C. VanKeuren, Associate Professor		\$1	667
2. W. M. Schuyler, Assistant Professor		I	245
3. W. N. Thompson, Assistant Professor		I	223
4. E. S. Willner, Assistant Professor		I	112
5. J. B. Fuller, Assistant Professor	3/3		712
6. Benjamin Lease, Assistant Professor		I	045
(See Student Counseling Bureau)	1/4 ¹		(134)
(Total Salary)		(I)	179)
7. Marie E. Lein, Assistant Professor	3/3		697
8. Mrs. Janice M. Crews, Instructor	5/6		834
9. Sara C. Niederman, Instructor		I	000
10. Gleah D. Brown, Instructor	3/3		667
11. Sylvia Pinsky, Instructor			912
12. Kathryn H. Quinlan, Instructor			912
13. Blanche B. McGuire, Instructor	1/2		456
14. Joan E. Byam, Instructor	3/3		563
15. Mrs. Johanna Braunfeld, Instructor			845
16. Mrs. Susanne O. Connors, Instructor			823
17. ———, Instructor			900
		(\$15)	613)

Mathematics			
1. J. J. Corliss, Associate Professor and Chairman of Division		\$1	667
2. F. S. Nowlan, Professor		I	445
3. Winifred V. Berglund, Instructor		I	000
4. K. H. Murphy, Instructor	5/6		834
5. Rose Lariviere, Instructor	3/3		593
6. Mrs. Lona T. Mynagh, Instructor			823
7. T. B. Ondrak, Instructor			778
8. Mrs. Lois B. Stelling, Instructor	5/6		630
9. C. C. Wilson, Instructor			756
10. ———, Instructor			900
		(\$9)	426)

Physical Education			
1. Helen M. Barton, Assistant Professor	1/2	\$	612
2. L. L. Gedvilas, Instructor			734
3. L. H. Miller, Jr., Instructor			734

¹ Overtime basis.

	<i>Part-time</i>	<i>Salary</i>
4. E. D. Ryan, Instructor.....		734
5. J. M. Kromrey, Instructor.....	$\frac{1}{2}$	367
6. Wilma J. De Young, Assistant.....	$\frac{1}{2}$	323
		(\$3 504)

Physical Sciences

1. J. V. Mansfield, Assistant Professor.....		\$1 387
2. W. K. Weaver, Assistant Professor.....	I	387
3. R. W. Karpinski, Assistant Professor.....	I	267
4. Roy Huitema, Assistant Professor.....	I	200
5. Mrs. Rebecca L. Elbinger, Instructor.....	$\frac{3}{4}$	623
6. F. L. Holloway, Instructor.....		889
7. C. G. Fawcett, Instructor.....		856
8. Jeannette M. Zeimer, Instructor.....		856
9. Mrs. Martha H. Mackin, Instructor.....	$\frac{3}{4}$	519
(See Student Counseling Bureau).....	$\frac{1}{4}$	(111)
(Total Salary).....		(630)
10. Lillian M. Questiaux, Instructor.....	$\frac{3}{4}$	504
11. G. I. Sackheim, Instructor (June 25 to July 21).....		378
12. T. E. Van Dam, Instructor.....		734
13. Jeanne Kiley, Instructor (July 23 to August 18).....		356
14. Mrs. Miriam F. Quetsch, Instructor.....	$\frac{3}{4}$	475
15. Alice R. Sackheim, Instructor.....	$\frac{3}{4}$	460
16. _____, Instructor.....		900
		(\$12 791)

Social Sciences

1. H. W. Barber, Associate Professor.....		\$1 334
2. E. A. Lipman, Associate Professor.....	I	267
(See Student Counseling Bureau).....	$\frac{1}{4}$ ¹	(156)
(Total Salary).....		(1 423)
3. D. J. Morris, Assistant Professor.....		I 245
4. Mrs. Wanda N. Gum, Assistant Professor.....	I	223
5. P. P. Klassen, Assistant Professor.....	I	200
6. S. L. Jones, Assistant Professor.....		I 000
7. Mrs. Mary M. Colby, Instructor.....	$\frac{5}{6}$	741
8. Mrs. Mildred I. Finney, Instructor.....	$\frac{5}{6}$	741
9. B. C. McCall, Instructor.....	$\frac{5}{6}$	741
10. Louis Unfer, Instructor.....		867
11. P. E. Siegle, Instructor.....	$\frac{3}{4}$	563
(See Student Counseling Bureau).....	$\frac{1}{4}$	(156)
(Total Salary).....		(719)
12. S. T. Gabis, Instructor.....		800
13. R. R. Page, Instructor.....	$\frac{1}{2}$	356
14. Anna Gwin Pickens, Visiting Lecturer.....	$\frac{1}{2}$	450
15. _____, Visiting Lecturer.....		800
		(\$13 328)

Student Counseling Bureau

1. E. A. Lipman, Staff Counselor.....	$\frac{1}{4}$ ¹	\$ 156
(See Social Sciences).....		(I 267)
(Total Salary).....		(I 423)
2. Benjamin Lease, Staff Counselor.....	$\frac{1}{4}$ ¹	134
(See Humanities).....		(I 045)
(Total Salary).....		(I 179)
3. P. E. Siegle, Staff Counselor.....	$\frac{1}{4}$	156
(See Social Sciences).....	$\frac{3}{4}$	(563)
(Total Salary).....		(719)

¹ Overtime basis.

	<i>Part-time</i>	<i>Salary</i>
4. Mrs. Martha H. Mackin, Staff Counselor.....	$\frac{3}{4}$	111
(See Physical Sciences).....	$\frac{3}{4}$	(519)
(Total Salary).....		(630)
5. C. M. Larson, Staff Counselor.....	$\frac{3}{4}$	400
6. H. J. Johnson, Staff Counselor.....	$\frac{3}{4}$ ¹	156
(See Engineering).....		(956)
(Total Salary).....		(1 112)
		(\$1 113)
<i>Total, Summer Session, Chicago Undergraduate Division.....</i>		<i>\$90 189</i>

CHICAGO PROFESSIONAL COLLEGES

	<i>Part-time</i>	<i>Salary</i>
1. J. E. Kempf, Associate Professor of Bacteriology.....	$\frac{1}{2}$	\$ 778
2. Instructional Wages in Occupational Therapy.....		350
		(\$1 128)
<i>Total, Summer Session, Chicago Professional Colleges.....</i>		<i>\$1 128</i>

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. ROLAND J. ARTIGUES, Associate Professor, Division of Social Welfare Administration, beginning September 1, 1951, at an annual salary of \$6,000 (B).

2. CHARLES K. BRIGHTBILL, Professor of Physical Education, beginning September 1, 1951, at an annual salary of \$10,000 (A).

3. RUTH ISABEL COOPER, Assistant Professor, Department of Home Economics, beginning September 1, 1951, at an annual salary of \$4,500 (D).

4. GEORGE GEE JACKSON, Assistant Professor, Department of Preventive Medicine, College of Medicine, beginning July 1, 1951, at an annual salary of \$6,500 (DY).

5. RICHARD C. WILCOCK, Assistant Professor, Institute of Labor and Industrial Relations, beginning June 15, 1951, at an annual salary of \$4,900 (DY).

On motion of Mr. Herrick, these appointments were confirmed.

**APPOINTMENT OF DR. HARRY F. DOWLING AS PROFESSOR
AND HEAD OF THE DEPARTMENT OF MEDICINE**

(3) The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. Harry F. Dowling, now Professor and Head of the Department of Preventive Medicine, as Professor and Head of the Department of Medicine on indefinite tenure beginning September 1, 1951, at an annual salary of \$15,000 (AY), to succeed Dr. Robert W. Keeton who will retire from active service at the end of the current academic year. I concur.

On motion of Mr. Nickell, this appointment was approved as recommended.

**CANCELLATION OF LEAVE OF ABSENCE
GRANTED K. B. HENDERSON**

(4) On November 24, 1950, the Board of Trustees granted Associate Professor K. B. Henderson of the College of Education leave of absence for a period of two months during the current academic year and the loan of his services to the Department of State, the time to be arranged. Due to the Korean situation the State Department has been unable to use Professor Henderson's services as originally planned, and to clear the record I am requesting that the leave previously granted be cancelled.

¹ Overtime basis.

On motion of Mr. Megran, this leave was cancelled as recommended.

CHANGE IN WORK SCHEDULE OF AGRICULTURAL EMPLOYEES

(5) The Dean of the College of Agriculture and the Director of Nonacademic Personnel recommend a reduction in the present forty-four basic work week to a forty-hour work week, effective July 1, 1951, for the agricultural employees classified as Fieldman, Agricultural Gardener, Herdsman, Poultryman, Creameryman, Cold Storage Operator, and Farm Laborer.

There has been a disparity between the wages and working hours of agricultural employees and those doing other types of campus labor. The wages of agricultural employees have been adjusted, and the change in the work week will now bring their wages and working conditions in line with other laborers.

I recommend approval.

On motion of Mrs. Holt, this change was approved by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Hickman, Mr. Stevenson.

INCREASE IN ILLINI UNION BUILDING SERVICE CHARGE

(6) All students at Urbana-Champaign pay a service charge of \$5.00 per semester and \$2.50 per summer session for the use of the Illini Union Building. This charge was established by the Board of Trustees in 1940—as a fundamental requirement in financing of the Illini Union Building—to provide for the operation and maintenance of the nonrevenue producing areas of the building and for amortization of the loan which was secured to construct the building.

The service charge was based on an enrollment of 10,500 students during the two semesters of the regular academic year and an estimated annual operating expense of approximately \$125,000, excluding the revenue producing areas which pay all direct costs and their proportionate share of indirect costs. The building service charge was established more than ten years ago. Since then, expenses of operation, maintenance, and services have increased more than the increase in income provided by growth in enrollment.

The Director of the Building and the Committee on Fees and Scholarships recommend an increase in the Illini Union Building service charge to \$7.00 per semester and \$3.50 per summer session.

I concur.

On motion of Mr. Johnston, these service charge increases were approved.

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

(7) The Governor has approved the following releases of funds from appropriations made to the University of Illinois for 1949-1951 for buildings and other capital improvements.

Release No. 65

"For Permanent Improvements at Urbana-Champaign—Construction of extensions to the Utility Distribution Systems".....\$ 27 350
This is a final release from an appropriation of \$375,000. The Governor has previously released (Releases Nos. 12, 37, 39, 41, 52, and 57) \$347,650 from this appropriation. The funds now released are for additional projects under the Utility Distribution Systems appropriation.

Release No. 66

"Contingencies to cover expenditures for purposes for which the amount appropriated in any item above enumerated is, or becomes insufficient" 20 000
This is a final release from an appropriation of \$250,000. The Governor has previously released (Releases Nos. 33, 55, 62, and 63) \$230,000 from this appropriation. The funds now released are to sup-

plement the appropriation for construction of extensions to the Utility Distribution Systems.

Releases Nos. 67, 68, and 69

"Contingencies to cover expenditures for purposes for which the amount appropriated in any item above enumerated is, or becomes insufficient".....	190 000
67. Construction of addition to present hospital.....	\$122 000
68. Land—acquisition of land for the extension of the campus	20 000
69. Equipment for buildings at Urbana-Champaign and Chicago	48 000

These are final releases from an appropriation of \$550,000 for contingencies.

I recommend that these funds be appropriated by the Board for the purposes indicated.

On motion of Mrs. Watkins, these funds were appropriated, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Hickman, Mr. Stevenson.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

1. Research facilities in proposed sewage disposal plant at the University of Illinois Airport for the Department of Civil Engineering.....	\$5 825
2. Remodeling in Talbot Laboratory for the Department of Theoretical and Applied Mechanics.....	2 000
3. Installation of liquid nitrogen plant, additional funds.....	5 900
4. Improvements in Alumni Records.....	3 000
5. Calculating machines for the Department of Public Health, College of Medicine, this assignment to be made from the Chicago Professional Colleges' nonrecurring funds.....	3 750

I recommend that these appropriations be made from the General Reserve Fund, except as indicated in the last item.

On motion of Mr. Megran, these appropriations were made, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Hickman, Mr. Stevenson.

APPROPRIATION FROM AGRICULTURAL RECEIPTS

(9) On February 15, 1951, the Board of Trustees made an appropriation of \$50,000 to the College of Agriculture for remodeling and equipment, of which amount \$5,000 was allocated for the construction of a house for an employee at the Dixon Springs Experiment Station in southern Illinois.

The Chairman of the Dixon Springs Experiment Station, the Dean of the College of Agriculture, and the Comptroller recommend a supplementary appropriation of \$3,500 from excess receipts over estimated income of the Dixon Springs Experiment Station for this project, and a supplementary appropriation of \$4,000 for current operations.

I recommend an appropriation of \$7,500 from Unappropriated Agricultural Income of the Dixon Springs Experiment Station for these purposes.

On motion of Mrs. Holt, this appropriation was made, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Hickman, Mr. Stevenson.

APPROPRIATION FOR DEPARTMENT OF HORTICULTURE

(10) The Dean of the College of Agriculture and the Comptroller recommend that an appropriation of \$1,645 be made from accumulated receipts in the Department of Horticulture for remodeling in the Horticulture Field Laboratory.

These funds are available in surplus receipts of the Department.

I concur.

On motion of Mr. Grange, this appropriation was made, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Hickman, Mr. Stevenson.

**CONTRACT FOR RESURFACING PARKING LOT AT POLK STREET
AND HERMITAGE AVENUE, CHICAGO**

(11) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$1,903.20 to Blacktop Roads Company, Chicago, the lowest bidder, for resurfacing with asphalt the parking lot at Polk Street and Hermitage Avenue to provide a permanent parking lot for the faculty at the Chicago Professional Colleges. This type of surfacing is more permanent than cinders or crushed rock, eliminates dust, and costs less than a concrete pavement.

Funds are available in the Physical Plant Department budget for this work.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Johnston, this contract was awarded as recommended.

**CONTRACT FOR TUCK POINTING OF APARTMENT BUILDING
AT 829-833 SOUTH MARSHFIELD AVENUE, CHICAGO**

(12) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$1,740 to the Lew Worthem Building Maintenance Company, Chicago, for tuck pointing the apartment building at 829-833 South Marshfield Avenue, Chicago, to prevent further deterioration of exterior walls and to correct moisture conditions inside of the walls. The property is being conveyed to the University by the Medical Center Commission. The building is to be remodeled and used for housing.

Funds will be available and have been budgeted for this remodeling in the construction account to be set up from the proceeds of sale of revenue bonds to finance the Chicago housing projects.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, this contract was awarded as recommended.

**ADDITION TO CONTRACT FOR KITCHEN EQUIPMENT FOR ADDITION
TO RESEARCH AND EDUCATIONAL HOSPITALS**

(13) The Director of the Physical Plant and the Comptroller recommend an addition of \$2,023.80 to the contract with the Stearnes Company for kitchen equipment for the addition to the Research and Educational Hospitals for improvement of operation and maintenance of departmental areas, changes necessary in certain areas to correct oversights in original planning, better supervision of employees, and compliance with Board of Health regulations.

This has been approved by the Vice-President in charge of the Chicago Professional Colleges. Funds are available in the state appropriation for the construction of this building.

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mrs. Holt, authority was given as recommended.

**ADDITION TO CONTRACT FOR EXTENSION OF UTILITIES
DISTRIBUTION SYSTEM AT THE CHICAGO
PROFESSIONAL COLLEGES**

(14) The Board of Trustees has authorized Stone and Webster Engineering Corporation, builder of the Medical Center Steam Company steam plant, to construct tunnels and extensions of steam lines from the plant to existing buildings, including the necessary connections and changes within buildings, at an estimated cost of \$73,808, to be paid for from funds available in a state appropriation for utilities extensions and remodeling at the Chicago Professional Colleges.

Stone and Webster have encountered unforeseen difficulties on University property in the relocation of certain sewers and other utilities. The original estimate of the cost of the work was based on drawings turned over to the University by the Department of Public Welfare which were the only drawings in existence showing locations of sewers and utility lines. In proceeding with the work, Stone and Webster found that the sewers and utilities were not located as shown in the drawings.

The Director of the Physical Plant and the Comptroller recommend that an additional payment of \$13,000 to Stone and Webster Engineering Corporation be authorized for the extra work required. The contract with this corporation is not for a fixed price but is on a cost plus fee basis, the same as the contract for the construction of the steam plant and is subject to the same accounting principles.

Funds are available in the state appropriation for "Construction of Utility Distribution System and remodeling of existing buildings."

I concur and recommend that the Comptroller be authorized to execute the necessary change order.

On motion of Mr. Johnston, authority was given as recommended.

ADDITION TO CONTRACT FOR EXTENSION OF GOODWIN AVENUE

(15) The University has a contract with the General Paving Company for the construction of an extension of Goodwin Avenue from Gregory Drive south to Pennsylvania Avenue. Storm drainage conditions at the intersection of Goodwin and Pennsylvania Avenues are unsatisfactory because of a heavily overloaded sewer extending east along Pennsylvania Avenue. It is desirable to divert drainage from this area to a new sewer on Peabody Drive about three hundred feet north.

The Director of the Physical Plant and the Comptroller recommend an increase of \$3,900 in the contract with the General Paving Company for the construction of a twelve-inch sewer from the intersection of Goodwin Avenue and Pennsylvania Avenue along the west side of Goodwin Avenue to the new sewer. The work can be economically done by the General Paving Company since it is now constructing sewers and pavements in that area. The Company's estimate has been checked by the Physical Plant Department and it is considered satisfactory.

Funds are available in the state appropriation for "Construction of extensions to the Utility Distribution Systems."

I recommend that the Comptroller be authorized to execute this addition to the contract.

On motion of Mrs. Watkins, authority was given as recommended.

AGREEMENT WITH TEXAS OIL COMPANY

(16) The University of Illinois has title to land deeded to it in Saline County, described as the "South fifteen (15) acres of the Northeast quarter of the Northwest quarter (NE $\frac{1}{4}$ of NW $\frac{1}{4}$) of Section twenty-two (22), Township eight (8) South, Range six (6) East, Saline County, Illinois," for use as an experimental field. In case the University ceases to use this property for experimental purposes the title reverts to the school district in that area.

The Texas Oil Company which has oil and gas leases on all surrounding lands has requested the University to execute a nondevelopment agreement for their mutual protection. The Company proposes to pay the University \$250 plus an annual rental of \$15 on condition that the University will not execute any oil or gas leases on the experimental field and will not allow any drilling for oil or gas. The Company further agrees to include in the agreement a clause which will

protect the University's experimental work from oil developments on all areas surrounding the field.

The agreement will be in effect for two years and as long thereafter as oil or gas or either is produced by the Texas Oil Company on any part of the surrounding property.

The Director of the Agricultural Experiment Station and the Comptroller recommend execution of this agreement.

I concur.

On motion of Mr. Megran, this agreement was authorized.

ESTATE OF ALICE V. B. CLARK

(17) On January 13, 1949, a report was made to the Board of Trustees of certain provisions of the will of Mrs. Alice V. B. Clark, widow of the late Dean Thomas Arkle Clark. The Comptroller reports there has now been received the final report of the executor of her estate, and the payment of \$41,387.90 as the first and final distribution. This will be carried in two funds:

Alice V. B. Clark Endowment. The interest on this fund of \$5,000 is to be applied toward the maintenance of the equipment and the library of the Thomas Arkle Clark Recreation Room of the McKinley Hospital.

Alice V. B. Clark Loan Fund. The principal of this fund of \$36,387.90 is to be loaned to undergraduate students, and the interest accruing on such loans is to be used for the equipment and maintenance of the McKinley Hospital.

Since there is at present no demand for loan funds under the terms specified in the will, such funds will be invested in United States Government Bonds, and the interest will be used as stipulated in the will.

The University has agreed to assume and pay from the above funds, any additional income taxes, inheritance taxes, estate taxes, or personal property taxes which may be assessed against the estate. Such payments, if necessary, will be charged against the principal of the loan fund.

There was also received from the executor an instrument transferring to the University all rights to have and receive all refunds on account of income tax, or other taxes heretofore paid and which are refundable to the estate of Alice V. B. Clark, deceased, and all right, title, and interest in and to a certain royalty agreement between Thomas Arkle Clark, deceased, and the George Banta Publishing Company, which was an asset of the estate.

This report was received for record.

BEQUEST OF BENJAMIN F. HUNTER

(18) It is necessary that the University enter its formal appearance in the Boone County, Indiana, Circuit Court with respect to the estate of Benjamin F. Hunter. As previously reported to the Board, the law firms of Monroe and McGaughey, Decatur, and Parr, Parr, and Parr, Lebanon, Indiana, have been retained to represent the Illinois and the Indiana executors of the Hunter estate.

I recommend that these attorneys, along with Mr. Ralph F. Lesemann, Legal Counsel-elect, be authorized to enter a special appearance of the Board of Trustees of the University of Illinois in this matter.

On motion of Mr. Herrick, authority was given as recommended.

RELEASE OF INVENTION OF COMPUTER DEVICE

(19) Dr. G. H. Fett, Professor of Electrical Engineering, and Mr. George Chafaris, a graduate student in the Department of Electrical Engineering, report the invention of an electronic device which may have some utility in connection with automatic control systems and in certain types of computers. In the judgment of the University Research Board the invention is so specialized and so unlikely to become an article of mass production that the University would not be justified in expending money on securing a patent and on development work. Accordingly, the Research Board recommends that the invention be released to the discoverers.

I concur.

On motion of Mr. Johnston, this patent was released as recommended.

PATENT FOR IMPROVEMENT IN INDUCTION ACCELERATORS

(20) The Secretary has received United States Letters Patent No. 2,545,958 for a new and useful improvement in "Induction Accelerators," issued by the Commissioner of Patents to the Board of Trustees of the University of Illinois. The patent has been granted on application of Professor Donald W. Kerst, the inventor, who assigned it to the University.

The invention relates to an induction accelerator, and more particularly to an improved arrangement for causing the accelerated charged particles, as electrons, to be ejected from the induction accelerator in a usable beam.

The title of the patent, "Induction Accelerators," is broad terminology as the specific patent granted has to do with a device known as a "peeler" which is used in the Betatron for removal of free electron beams. It has been used experimentally in nuclear physics and can also be used in medical therapy.

This report was received for record.

PURCHASES

(21) The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
25,000 copies Illinois Farm Record Book, Part I, to be printed and bound	Agricultural Economics	Howard Printing Co., Peoria	\$2 985 00 f.o.b. Urbana
One car (approximately 20 tons) newsprint paper for the Alumni News	Alumni Association	Daley Papers, Chicago	4 000 00 (approximate)
One Hereford (polled) bull "AR Choice Domino 7th 5638271"	Dixon Springs Experiment Station	Illinois Polled Hereford Association, LaHarpe	1 075 00
One model 1250 Multilith process Multigraph (offset duplicator) with accessories	Division of Services for Crippled Children, Chicago Colleges	Addressograph-Multigraph Corp., Peoria	2 356 81 f.o.b. Cleveland, Ohio
One record Dextragraph for record copying	Division of Services for Crippled Children, Chicago Colleges	Remington Rand, Inc., Springfield	1 045 00 f.o.b. Chicago
One spectrometer, infrared, recording type, complete with power source, ballast lamp, thirteen-cycle amplifier, chopper and rectifier assembly, wavelength control system, recorder, densitometer, mounting cabinets, complete with accessories	Electrical Engineering	W. H. Kessel & Co., Chicago	7 376 00 f.o.b. Urbana
One map projector, special, portable, autofocusing, for enlarging, reducing, and comparing maps to scale, complete with lens, mounting rack and accessories, 115 volt, a.c., 60 cycle	Geography	Reed Research, Inc., Washington, D.C.	4 200 00 f.o.b. Washington, D.C.
One X-ray diffraction for direct measurement of diffracted intensities, complete with cabinet, control unit, high-voltage transformer assembly, water cooling assembly, line voltage stabilizer, X-ray detector, recording, spectrogoniometer, and accessories	Geology	General Electric X-ray Corp., Milwaukee, Wis.	14 619 15 f.o.b. Milwaukee, Wis.
Furniture for the Home Furnishings Laboratory: One lounge chair One dining chair One arm chair One clear birch chair One black plastic webbing chair One dining table One four-drawer chest One tripod table One sideboard One desk One day bed	Home Economics	Kiler's Inc., Champaign	1 354 18 f.o.b. Urbana

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Four steel kitchen cabinet and sink units for the new Foods Laboratory	Home Economics	The Hayes Custom Kitchen House, Peoria	5 005 90 f.o.b. Urbana
Nonex glass round bottom jar, 7720 H.R. glass: 100 pcs. 2" x ($\frac{1}{8}$ " to $\frac{5}{16}$ ") wall x 18" length 100 pcs. 3" x ($\frac{1}{8}$ " to $\frac{5}{16}$ ") wall x 24" length 100 pcs. 4" x ($\frac{1}{8}$ " to $\frac{5}{16}$ ") wall x 24" length	Physics	Corning Glass Works, Corning, N.Y.	1 201 00 f.o.b. Corning, N.Y.
Paintings: "High Priest," by Kurt Selegmann "Beyond White," by Xceron "Moon Animal," by William Baziotas "Romanesque Facade," by Adolph Gottlieb "Hipparchus," by Cleve Gray "The Market," by Gregorio Prestopino "Aspects of the Harbor," by Leo Manso "L'Horreur Du Mal: L'ul Time: L'Enemi Interieur: La Memoria Cosmica," by Matta "Growth," by Morris Kantor "Summer Night," by Byron Browne	College of Fine and Applied Arts	Durlacher Bros., New York, N.Y. Sidney Janis Gallery, New York, N.Y. Samuel M. Kootz Gallery, New York, N.Y. Samuel M. Kootz Gallery, New York, N.Y. Jacques Seligmann & Co., New York, N.Y. ACA Gallery, New York, N.Y. Mortimer Levitt Gallery, New York, N.Y. Sidney Janis Gallery, New York, N.Y. Frank K. M. Rehn, Inc., New York, N.Y. Grand Central Art Galleries, New York, N.Y.	800 00 1 200 00 680 00 800 00 600 00 720 00 320 00 960 00 960 00 500 00
		Total	(7 540 00)
Complete rebuilding of two model B Steinway grand pianos	Music	Steinway and Sons, New York, N.Y.	3 000 00 (estimate)
50,000 seven part continuous snap-out purchase order forms	Office Supply Store	Uarco Inc., Danville	2 150 50 f.o.b. Chicago
50,000 gallons (approximately) 80 octane aviation gasoline	Institute of Aviation	Shell Oil Co., Chicago	11 193 00 f.o.b. delivered
10,000 gallons (approximately) 91 octane aviation gasoline			
70,000 gallons (approximately) regular gasoline to be delivered in transport tank truck as required during six months beginning July 1, 1951	Physical Plant	The Texas Co., Chicago	11 174 10 f.o.b. delivered
25 No. 5638 Litecontrol slimline fluorescent fixtures 57 six-foot stem hangers 14 end caps	Physical Plant	Hyland Electric Supply Co., Chicago	2 550 15 f.o.b. Watertown, Mass., with freight allowed up to \$2.50 cwt.
988 gallons (19 drums) formula C—DDT foliar spray (elm tree Phloem Necrosis control)	Physical Plant	J. I. Holcomb Manufacturing Co., Indianapolis, Ind.	2 116 30 f.o.b. Indianapolis, Ind.
600 cases bleached paper towels 10 $\frac{1}{4}$ x 13 $\frac{1}{4}$, 3750 towels per case 120 cases toilet tissue 4 $\frac{1}{2}$ x 4 $\frac{1}{2}$, bleached white, 1000 sheets per roll, 100 rolls per case 200 cases toilet tissue 4 $\frac{1}{2}$ x 4 $\frac{1}{2}$, 2000 sheets per roll, 50 rolls per case	Physical Plant	Decatur Paper House, Inc., Decatur	6 904 00 f.o.b. cars Champaign
Fire and extended coverage insurance including unearned premium coverage effective July 1, 1951, for five years on 124 rental properties in Champaign-Urbana in the aggregate amount of \$1,238,800; premium to be payable in annual installments with the University having the right to terminate any portion of the coverage at any time	Housing Division	C. A. Atwood, Champaign, representing the Employers' Fire Co. G. B. Franks, Champaign, representing the National Union Fire Insurance Co. H. R. Bresee, Champaign, representing the Pennsylvania Fire Co. Total Premium	8 485 56 7 314 84 576 00 (16 376 40)

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
15,000 Undergraduate Division catalogs (100 pages) for 1951-1952 academic year	University Press	Printing Products Corp., Chicago	2 695 00
One harvester-thresher combine, with four-bat reel, rubber reel bat extensions and straw spreading attachment; machine to be completely assembled	Agronomy—Northern Illinois Experimental Field at DeKalb	Hinckley Implement House, Hinckley	1 206 00 f.o.b. delivered
One pickup truck, ¾-ton capacity, equipped with 700 x 16 six-ply tires, four-speed transmission, heater and defroster, less allowance for a 1941 Ford ¾-ton pickup truck (vehicle No. 741) which should be replaced	Animal Science	Whowell Motor Sales Co., Paxton	1 131 50 (net)
Miscellaneous items of sectional laboratory furniture for remodeling in Entomology Department	Entomology	Metalab Equipment Corp., Hicksville, N.Y.	1 122 55 f.o.b. Urbana
One mobile X-ray apparatus, 75 M.A.—97 kilovolts, control mounted on tube stand, with double focal spot tube, self-contained head, timer, cones, table and accessories for 115 volt operation	Health Service	H. G. Fischer & Co., Franklin Park	1 877 46 f.o.b. Franklin Park
One incubating room, walk-in type, 48" x 72" x 84", incubation constant temperature, 115 volt operation, complete with temperature control assembly, electrical fixtures, shelving, and hardware	Veterinary Medicine	Technical Products Co., Memphis, Tenn.	1 998 75 f.o.b. Urbana
One dump truck, two-ton capacity complete with heater and defroster, two-speed axle, vacuum booster brakes and army type pintle hook, less allowance for a 1945 GMC 1 ½ ton dump truck (vehicle No. 287) which should be replaced	Physical Plant	Dana Hudelson, Inc. (Ford), Champaign	2 692 80 (net)
12,200 sq. ft. fir plywood, exterior, sound two sides, sounded two sides	Physical Plant	Gaines Lumber Co., St. Louis, Mo.	510 00
16,400 sq. ft. fir plywood, exterior, sound one side, sounded two sides		U. S. Plywood Corp., Chicago	1 734 80
		Hilgard Lumber Co., Chicago	3 763 84 (all f.o.b. delivered)
Thirty-six 15' x 30' 7 ¾ oz. painters' drop cloths (duck)	Physical Plant	Pittsburgh Plate Glass Co., Peoria	1 062 00 f.o.b. Urbana
Four fume hoods, with closed base, 3'2" long, 2'6" wide, and 8' high	Physical Plant	Metalab Equipment Corp., Hicksville, N.Y.	1 687 75 f.o.b. Urbana
36 laboratory tables with welded pipe leg construction and wood top lengths: four 10 ft., eighteen 8 ft., ten 5 ft., and four 4 ft.	Physical Plant for Engineering Research Laboratory	W. B. Read & Co., Bloomington	2 620 08 f.o.b. Urbana
Comprehensive aviation liability insurance on a monthly reporting form basis effective July 1, 1951, for three years, with liability limits of bodily injury \$50,000 per person and \$250,000 per accident, and property damage \$50,000 per accident covering aircraft owned, leased, borrowed, and operated by the University on and off its premises	Institute of Aviation	O. J. Wheeler, Chicago, representing the Eagle Star Insurance Co.	2 422 00
Five one-ton air conditioning units 208 v., three-phase, 60 cycle for rental use in control systems laboratory, fourth floor, Physics Laboratory	Office Supply Store	Frigidaire Sales Corp., Chicago	1 695 80 f.o.b. Urbana

On motion of Mr. Nickell, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(22) The Comptroller's report of contracts executed for the period from April 1 to 30, 1951.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
United States Navy	Study of drowning and artificial respiration	\$12 000 00	January 1, 1951
Veterans Administration	Books, supplies, and equipment for veterans at Chicago Professional Colleges—June 19, 1950, to June 23, 1951	Rates per contract	June 19, 1950
The Welding Research Council	Study of steel plate subjected to loads causing biaxial stress	15 000 00	April 4, 1951
Middle West Soil Improvement Committee	Study of fertility levels in Illinois as revealed by soil tests	1 200 00 annually for three years	May 3, 1951
Illinois Farm Supply Company	Study of trace elements in soils and crops and their effects on the yield and composition of crops	2 000 00	May 3, 1951

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Texas Gulf Sulphur Company	Study of sulphur combustion	\$ 1 500 00	March 14, 1951
United States Air Force	W 33—038 ac—20779	7 112 62	January 12, 1951
United States Air Force	Additional services and reports on W 33—038 ac—14520	10 000 00	February 22, 1951
United States Air Force	Additional services and reports on AF 33(038)—10897	8 000 00	February 8, 1951
United States Navy	Task order N 601—07131	3 000 00	November 30, 1950
Abbott Laboratories, Eli Lilly and Company, and the Upjohn Company	Study of chemistry of antibiotics	25 000 00	April 20, 1951
Moorman Manufacturing Company	Study of poultry nutrition	1 200 00	May 1, 1951
Charles Pfizer and Company, Inc.	Study of vitamins in swine nutrition	1 500 00	March 30, 1951

Adjustments Made in Authorizations Issued Under Cost-Plus Standing Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric	Noyes Laboratory remodeling renovation and modernization	\$2 546 17	April 5, 1951
E. N. DeAtley	Noyes Laboratory remodeling renovation and modernization	4 927 10	April 5, 1951
	Changes in administrative offices	272 66 ¹	April 6, 1951
	708 S. Mathews Avenue remodeling	2 675 36	April 17, 1951
	Sub-total	(7 329 80)	
E. M. Hays Plumbing and Heating Company	Noyes Laboratory remodeling renovation and modernization	3 276 45	April 5, 1951
Reliable Plumbing and Heating Company	Changes in administrative offices	166 54 ¹	March 29, 1951
	Illini Hall third floor remodeling	615 00	April 11, 1951
	708 S. Mathews Avenue remodeling	1 435 50	April 17, 1951
	Talbot Laboratory remodeling	33 20 ¹	April 23, 1951
	1005 W. Nevada Street remodeling	258 86 ¹	April 23, 1951
	Sub-total	(1 591 90)	
Schroeder's	Special state appropriations—East Chemistry building equipment	75 44 ¹	April 3, 1951
	Noyes Laboratory remodeling rooms 151 and 154	7 27 ¹	April 2, 1951
	Sub-total	(82 71 ¹)	
Square Deal Electric	708 S. Mathews Avenue remodeling	450 00	February 21, 1951
	Illini Hall third floor remodeling	238 30	April 11, 1951
	Sub-total	(688 30)	

This report was received for record.

¹ Deduct.

QUARTERLY REPORT OF THE COMPTROLLER

(23) The Comptroller presents his quarterly report to the Board as of March 31, 1951.

This report was received for record.

REGULATIONS GOVERNING PLYM FELLOWSHIP IN ARCHITECTURE AND ARCHITECTURAL ENGINEERING

(24) The University has an endowment of fellowships in architecture and architectural engineering established many years ago by the late Francis J. Plym of the Class of 1897. They are awarded to graduates of the University's Department of Architecture in the curricula in architecture and architectural engineering for study in Europe.

The plan formerly provided for one fellowship, with a stipend of \$1,200, in architecture and one scholarship, with a stipend of \$700, in architectural engineering, each awarded annually on the basis of a design competition. The fellowship is for a year's study and the scholarship was for six months' study in Europe. Several years after the endowment was established, Mr. Plym added to it to increase the scholarship in architectural engineering to the status of a fellowship, with a stipend of \$1,200, for a year's study in Europe.

The Department of Architecture recommends the following changes in the conditions of these awards:

(a) Increase of the stipend of each of the two annual awards from \$1,200 to approximately \$1,700; it may be less in some years, depending upon the rate of income of the endowment.

(b) Reduction in the required duration of study in Europe from one year to six months.

(c) Elimination of the design competition method of selection of fellows and its replacement with a plan of selection based upon academic records of candidates and evaluation of their professional development and promise of future competence as evidenced by exhibits of specific work done. The evaluation would be made by the Committee of the Department which now administers the awards.

I concur in these recommendations.

On motion of Mr. Fornof, these recommendations were approved.

CONTRACT FOR WATER SOFTENER INSTALLATIONS

(25) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$4,947 to the Reliable Plumbing and Heating Company, Champaign, the lowest bidder, for replacing the water softener installation at the President's House with the equipment now installed in the McKinley Hospital and replacing softener equipment in the Hospital with a new installation. The equipment at the President's House needs to be replaced and these changes will improve the water softening facilities in both locations.

Funds are available in the Physical Plant Department budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Megran, this contract was awarded as recommended.

ADDITION TO CONTRACT FOR INSTALLATION OF LABORATORY EQUIPMENT IN EAST CHEMISTRY BUILDING

(26) The Director of the Physical Plant and the Comptroller recommend an increase of \$3,253.41 in the contract with the Carson-Payson Company, Danville, for the construction and installation of laboratory equipment in the East Chemistry Building. This is to provide additional cold diffusers of larger capacity and is to install a new compressor with the necessary controls because the refrigeration equipment in two of the cold rooms does not maintain the desired constant temperature.

Funds are available in the state appropriation for "Acquisition and installation of Chemistry Building equipment."

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mrs. Watkins, authority was given as recommended.

**ADDITION TO CONTRACT FOR VENTILATION AND
AIR CONDITIONING IN THE ANIMAL
SCIENCES LABORATORY**

(27) The Director of the Physical Plant and the Comptroller recommend an increase of \$3,107 in the contract with the Bloomer Heating and Ventilation Company, Chicago, for ventilation and air-conditioning installations in the construction of the Animal Sciences Laboratory. The plans for the arrangement of the cooling tower and two evaporative condensers in the penthouse provide for a space inclosed by partitions isolating it from the rest of the penthouse. Louvers in the exterior wall provide for air supply but direct connections from the equipment to the louvers is not provided. This arrangement would expose the entire room to cold air in the winter time and in extremely cold weather water lines and equipment would be in danger. This change in the contract will provide for direct connections between equipment and louvers and will prevent cold air from entering the room.

Funds are available in the state appropriation for "Construction of Animal Sciences Laboratory."

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mr. Herrick, authority was given as recommended.

**ADDITION TO GENERAL CONTRACT FOR
VETERINARY MEDICINE BUILDING**

(28) The Director of the Physical Plant and the Comptroller recommend an increase of \$1,840 in the contract with the John Felmley Company, Bloomington, for the general work in the construction of the Veterinary Medicine Building to provide for observation windows in the large autopsy room in the Annex so that visitors may observe autopsy work from the corridors around the room. This change is requested by the Dean of the College of Veterinary Medicine.

Funds are available in the state appropriation for "Construction of Veterinary Science unit."

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mr. Grange, authority was given as recommended.

INCOME FROM FEES FOR CIVIL ENGINEERING SUMMER CAMP

(29) The University has a summer camp (Camp Rabideau in northern Minnesota) for surveying instruction for students in civil engineering. Students pay a fee of \$20 if residents of Illinois, or \$40 if nonresidents of Illinois, as a part of the cost of operating this camp. A revolving fund was established for operating expenses, other than salaries, to which \$10 of the student fee has been credited each year.

This amount is inadequate and additional appropriations have been made to the Department of Civil Engineering for operating expenditures. The revolving account involves extra bookkeeping and has proved of no particular advantage. The Head of the Department of Civil Engineering, the Dean of the College of Engineering, and the Comptroller recommend that the revolving fund be discontinued effective with the 1951 camp session and that present fees collected go into general University income. Provision for the operating expenses of the camp has already been made in the summer session budget.

The food service will continue to be operated on a self-supporting basis.

I concur in this recommendation.

On motion of Mr. Johnston, this recommendation was approved.

**EXTENSION OF CONTRACT FOR HOSPITAL-MEDICAL-SURGICAL
INSURANCE**

Mr. Fornof, for the Finance Committee, presented the following:

The University has a contract with the Continental Casualty Company, Chicago, for hospital-medical-surgical insurance for students and staff for the period 1949-1951. This insurance covers all students at Urbana-Champaign and at the

Chicago Undergraduate Division, and they pay a fee of \$5.00 per semester for such protection. It is optional for members of the staff. The present contract will expire in September, 1951.

The benefits paid by this Company under the student program during 1949-1950 were 88 per cent of the premiums collected. The benefits paid under the staff program equalled the premiums collected in 1949-1950, and for the first six months of 1950-1951 were 98 per cent of the premiums collected.

In view of these high loss ratios, it is unlikely that any lower premium rates will be secured by advertising at this time for new bids; on the contrary, if bids are invited the recent loss experience may result in higher rates.

The service given by Continental Casualty Company has been very good and it is willing to continue writing this insurance for an additional two-year period under the present contract.

The Finance Committee of the Board of Trustees recommends continuance of the contract with the Continental Casualty Company for the biennium of 1951-1953.

On motion of Mr. Fornof, the renewal of this contract was authorized.

CONTRACTS FOR FIRE AND EXTENDED COVERAGE INSURANCE ON CONTENTS OF THE ILLINI UNION BOOKSTORE, CHAMPAIGN

Mr. Fornof, for the Finance Committee, also presented the following:

The University has contracts with the Glens Falls Fire Insurance Company, J. W. Montgomery, Urbana, representative, and the Liberty Mutual Insurance Company, Oren Lane, Peoria, representative, covering the contents of the Illini Union Bookstore. The insurance is in the provisional amount of \$200,000 subject to monthly reporting of inventory values. The contracts were based on bids received and awarded to lowest bidders for one year, the University reserving the right to renew with the same companies for an additional year. In accordance with the policy of the Board of dividing insurance between stock and mutual companies, 75 per cent of the coverage is provided by the Glens Falls Fire Insurance Company and 25 per cent by the Liberty Mutual Insurance Company.

There has been no revision in insurance rates during the past year applicable to this risk, and it is unlikely that competitive bids taken at this time would result in any lower premium for the coming year which will be \$2,001. The Finance Committee of the Board, therefore, recommends that this insurance be renewed with the present companies for an additional year.

On motion of Mr. Fornof, the renewal of this insurance, as recommended, was authorized.

STATE BOARD OF HIGHER EDUCATION

At this point, Mr. Herrick asked that consideration be given by the Board to Senate Bill 620 introduced in the Sixty-seventh General Assembly of Illinois on May 17, 1951, which would create a State Board of Higher Education, a board of nine members to be appointed by the Governor, to succeed to all of the rights, powers, and duties now vested by law in the Board of Trustees of the University of Illinois, in the Teachers' College Board, and in the Board of Trustees of the Southern Illinois University.

Statements were made by Messrs. Herrick, Nickell, Fornof, Megran, and Livingston expressing opposition to such legislation on the grounds that it is contrary to the best interests of the state and of the University.

Mr. Nickell stated that in his observation appointed boards of education at all levels lack the independence necessary to discharging their responsibilities effectively and in the best interests of the public, whereas elected boards have better records of service in such respects. Other Trustees spoke along the same lines.

Mr. Livingston called attention to the record of the Board of Trustees of the University of Illinois which has been an elected board of state officials since 1889 and whose history in those sixty-two years shows freedom from domination by the executive branch of state government.

Mr. Megran stated that the objections to Senate Bill 620 which are being voiced at this meeting are based solely on considerations of public policy, and he expressed the hope that there would be no misinterpretation by the public that the Trustees were moved by the effect such legislation would have on their offices.

On President Livingston's request, President Stoddard commented on Senate Bill 620 as a professional worker in the field of higher education. He read excerpts from Part Two of his "Second Memorandum on the Russell Report," submitted to the Board of Trustees on March 13, 1951,¹ in which he discussed four proposals for reorganizing the administration of public higher education in Illinois. He expressed the opinion that while the plan proposed in Senate Bill 620 is preferable to Alternative IV of the Russell Report,² it is less desirable for the University of Illinois than either Proposal II or Proposal IV in his Memorandum.

Comptroller Morey stated that in his observation, based upon thirty-five years of experience as Comptroller of the University and of the Board of Trustees, the record of this Board in being directly responsible to the people and the General Assembly is one of distinguished public service with complete freedom from any external domination and that it is conspicuously impressive in this respect as compared with the records of appointed administrative boards in various areas of the country.

LEGISLATION ENLARGING POWERS OF STATE AUDITOR OF PUBLIC ACCOUNTS

President Livingston brought up for discussion House Bill 467 now before the Sixty-seventh General Assembly of Illinois which would give the State Auditor of Public Accounts very broad powers over all state agencies and elected state officials, including the Board of Trustees of the University of Illinois, with respect to expenditures of state appropriations made to such agencies and officers. The Board of Trustees had previously received a memorandum prepared by Comptroller Lloyd Morey explaining the bill and discussing the potential effects of such legislation.

President Livingston reported that on May 16, 1951, he and Comptroller Morey conferred personally with State Auditor Benjamin O. Cooper. Mr. Cooper explained the purposes of the bill from the point of view of the problems of his office. He stated that he has no intention of changing the methods of his office in dealing with the University of Illinois. The possible implications of the bill and the way in which it might be interpreted by future state auditors were pointed out to him, and he admitted that such possibilities exist.

¹ See pages 634-638, proceedings of the Board of Trustees, March 13, 1951.

² "Report of the Study of the Structure of the State Tax-Supported System of Higher Education in Illinois," made for the Governor of Illinois by a staff under the direction of the Division of Higher Education, Office of Education, Federal Security Agency.

He agreed to accept amendments which would make the bill acceptable to University officials.

Comptroller Morey stated that he is drafting such amendments. Mr. Fornof requested that copies of them be sent to the members of the Board of Trustees.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board resumed consideration of recommendations and reports presented by the President of the University.

RECOMMENDATIONS TO THE BOARD OF TRUSTEES ON THE BASIS OF A FIRST REPORT OF THE CLEARY COMMITTEE IN REGARD TO THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

(30) President Stoddard presented and discussed the following recommendations: On December 28th, 1950, the Board of Trustees approved the recommendations in my "Second Report to the Board of Trustees on Conditions in the College of Commerce and Business Administration."

The first implementation called for the appointment of a special committee of five to

"1. Submit to me nominations for the deanship of the College. I shall also have the advice of the Executive Committee of the College.

"2. Assist in planning the reorganization of the College, including a possible transfer of the Department of Economics to the College of Liberal Arts and Sciences, and to prepare a report for consideration of the Senate."

The following members of the faculty agreed to serve on this Committee:

EDWARD W. CLEARY, Chairman, Professor of Law

ROYDEN DANGERFIELD, Professor of Political Science and Director of the Institute of Government and Public Affairs

CHARLES J. GAA, Professor of Accountancy

D. PHILIP LOCKLIN, McKinley Professor of the Economics of Public Utilities

GORDON RAY, Professor of English and Head of the Department

The effect of this action was to remove the issues from the ordinary channels within the College and to do so for a good reason: the College was unable to get its house in order and was, in fact, embroiling the University and the State.

A short time ago the Committee indicated that it would like to submit its report in two parts starting with the second section (on the reorganization of the College). The Committee felt that it could not move forward in regard to the selection of a dean until it was able to indicate to prospective candidates the nature of the administrative assignment.

Accordingly, we have before us the unanimous Report of the Cleary Committee on the Organization of the College of Commerce and Business Administration. (A second report on the deanship is to come later.)

I am impressed with the careful and objective way in which Professor Cleary's committee has carried on its work. The task was arduous, calling for many conferences. More than forty persons have appeared directly before the Committee and it sat with other groups. The Committee has attempted to reach its conclusions not through a simple show of hands but through a clarification of the issues involved. This is brought out in the first two parts of the report.

The third part of the report, beginning on page 724, consists of recommendations. It is to these that I call the attention of the Board.

I concur in the conclusion of the Cleary Committee that it is not enough to let matters ride without change. We have had a quiet period—a moratorium—in part because of the feeling that some reorganization would be accomplished as a means of carrying out the purposes of the College. The course of the controversy indicates that the troubles are not to be resolved by a single change already made in administrative personnel.

The Cleary Committee holds that the transfer of Economics to Liberal Arts and Sciences "is not an adequate solution." I should say, rather, that it is not a

necessary solution if we can find some less radical measures with a promise of success. Departments of economics located in colleges of liberal arts and sciences—a common situation in universities over the United States—have generally avoided the feuds that have arisen here.

I do not expect any plan of reorganization to be endorsed in its entirety by the committees and factions on the ground. It is to be remembered that, in past years, *no plan* of reorganization has been ratified or promulgated by the College. Furthermore, the question of the departmentalization of Business Organization and Operation, while mentioned occasionally, was not, to my knowledge, made the subject of an explicit recommendation by any committee, faculty, or dean. Had this single proposal of departmentalization in Business Organization and Operation been regarded as sufficient to prevent strife in the College, it should have been tried long ago. Taken by itself, I do not regard it as adequate, but it should be helpful.

To turn to the recommendations of the Committee (page 724):

1. *Name of the College.* Following the Committee, I recommend that the name of the College be changed to the College of Economics and Business Administration.

2. *Organization of the College.* I recommend the organization of the College into four constituent parts: a School of Business Administration, a School of Economics, a Bureau of Economic and Business Research, and a Business Management Service, each unit to be administered by a director. The Dean of the College should not also be a director.

As a major modification of the Committee's recommendations, I recommend that the executive committee of the College consist of nine members, including the four directors *ex officio*, four members to be elected by the faculty of the College, and the Dean as chairman *ex officio*; that the executive committee, except the Dean, should advise the President on the selection and reappointment of the Dean and should advise the Dean in the administration of the College. The executive committee should transact such business as may be delegated to it by the faculty. The Dean should prepare the budget of the College, as a whole, in consultation with the Executive Committee.

3. *Organization of the Schools.* I recommend that the administration of each school should be under a director appointed biennially by the Board of Trustees upon the recommendation of the President of the University. In the selection and reappointment of a director, the President should have the advice of the executive committee of the school concerned (with the exception of its director) and of the Dean.

The executive committee of each school should consist of members elected by the faculty of the school, in the manner prescribed by the faculty, with the director as chairman *ex officio*. The executive committee should advise the director with respect to appointments, promotions and budgets, and should transact such other business as may be assigned to it by the faculty of the school.

I recommend that the School of Business Administration be departmentalized, possibly along the following lines: Accounting and Business Law, Marketing, Management, Secretarial Training. The director of a school should not serve as head or chairman of a department if more than one department is established.

I recommend further that the School of Economics be departmentalized in the future if it should become apparent to the faculty of the School that two or more departments are identifiable as academic and professional units, with a corresponding clustering in curricular offerings.

4. *Protection of Minority Groups.* I accept this paragraph as a general statement of desirable conditions in any college. I would emphasize not only that the dean and directors should merit the confidence of their respective faculties but also that faculty members, in turn, should earnestly endeavor to work as a team.

5. *Participation by the School of Economics in the College of Liberal Arts and Sciences.* I recommend that the faculties of the School of Economics and of the College of Liberal Arts and Sciences consider the desirability of a dual status for the faculty of the School of Economics *provided that matters relating to budget, appointments and promotions remain within the School of Economics.*

6. *Revision of Statutes.* I recommend that there be brought before the Senate the following proposal for revision in the *Statutes* as they affect the status of a school within a college:

"In colleges organized through schools and other similar units headed by a director, the executive committee shall consist of the directors of such administrative units, together with an equal number of members elected annually by the faculty from among the professors and associate professors in the College, with the Dean of the College as Chairman, *ex officio*."

There may be other points in my recommendations that will call for Senate approval although I do not believe they are basic.

7. *Advisory Committee for the College of Commerce and Business Administration.* In a collateral letter, signed by all members of the Cleary Committee, attention is given to a further matter, as follows:

"For some years the College had a group of area advisory committees. These committees were probably designed primarily to maintain liaison between staff members and men actively engaged in the particular field in business. This arrangement has prevailed in Agriculture for some time with considerable success. In Commerce, however, the area committees became largely inactive.

"Under Dean Bowen, the decision was made to reconstitute the area committees into a single advisory committee for the entire College. In our opinion this was a mistake. Removal of the small, specialized areas of contact eliminated as a committee function the link between theory and practice, and placed the new committee in a position where it touched the College only on the level of administrative and policy matters. The situation thus produced is anomalous.

"In the Board of Trustees and the administrative officers designated by them, the University has a complete and integrated organization for the formulation and execution of policies. The Trustees are elected by and responsible to the public. The inclusion of other policy-making bodies in this arrangement must inevitably result in confusion and in embarrassment to all concerned."

The action creating the over-all Advisory Committee for the College of Commerce and Business Administration was taken on July 25, 1950, on the recommendation of Dean Bowen and the President of the University. Fully cognizant of the distinguished personnel of this Committee and of its spirit of helpfulness on all occasions, I concur, nevertheless, in the statement of the Cleary Committee that its formation was a mistake.

I recommend, therefore, that on the expiration of the term of the present members, June 30, 1951, the Advisory Committee be dissolved and that the schools indicated above, and departments as they may be formed, consider the desirability of advisory committees within their respective areas.

I request that the Board authorize the President of the University to carry out the recommendations as indicated above, as of September 1, 1951, with the understanding that such matters as fall within the jurisdiction of the University Senate will be referred to it for action.

REPORT ON THE ORGANIZATION OF THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

On December 29, 1950, President Stoddard asked the undersigned members of the Senate to serve as a special committee to advise him concerning the College of Commerce and Business Administration. His charge to the committee was as follows:

"1. To submit to me nominations for the deanship of the College. I shall have before me the advice of the Executive Committee of the College.

"2. To assist in planning the reorganization of the College, including a possible transfer of the Department of Economics to the College of Liberal Arts and Sciences, and to prepare a report for the consideration of the Senate."

Any doubt that the committee may have had regarding the propriety of scrutiny by a university committee of the internal affairs of a college was quickly dissipated. The committee found that the situation in the College of Commerce and Business Administration demanded impartial outside examination for two reasons: (1) There is no present prospect of a meeting of minds within the College. Conflict has solidified around two opposing groups, each of which is sincerely convinced of the essential rightness of its point of view. Tangible evidence of this division is afforded by the tactics of caucusing and block voting employed alike in the election of the Executive Committee of the College of Commerce on January 19, 1951, and in the election of the Executive Committee of the Department of Economics on February 15, 1951. No solution safeguarding minority rights seems likely to emerge unassisted from an atmosphere so unreceptive to compromise. (2) The interests of the University are affected, because the welfare of a component part affects the welfare of the whole. Furthermore, economics is an area of knowledge which extends far beyond the bounds of the College of Commerce.

As a first step in executing President Stoddard's charge, the committee submits its report concerning the organization of the College of Commerce. It was the opinion of the committee that consideration of the organizational question should precede nominations for the deanship.

I

PROCEDURES FOLLOWED BY THE COMMITTEE

At the outset the members of the committee were agreed that the views of all persons interested in or affected by the organization of the College should be solicited, both for the information of the committee and as a matter of fair procedure. This approach resulted in the receipt of many written communications and in numerous personal appearances before the committee. The facts and opinions thus made available have been of great assistance to the committee.

The committee also had the benefit of a survey made jointly with the Executive Committee of the College in which a questionnaire was circulated to the deans, heads of accounting departments, and heads of economics departments of the leading schools of the country. This survey disclosed a variety of organizational patterns. In general, each respondent indicated satisfaction with his own present form of organization. The result, in the opinion of the committee, is inconclusive insofar as concerns a solution of the local problem. The committee also perused such published material as is available, and found that it too was inconclusive.

II

ESTIMATE OF THE SITUATION

Although the views communicated to the committee have been directed mainly to the question of whether or not the Department of Economics or some part thereof should be transferred to the College of Liberal Arts and Sciences, they have nevertheless afforded considerable insight into conditions within the College. While precise evaluation of this testimony is manifestly impossible, it is nevertheless evident that substantial grounds for dissatisfaction exist. In some instances these grounds may be more apparent than real, but the fact remains that they are very real in the minds of the individuals concerned. The sincerity of purpose of everyone who appeared before or wrote to the committee was unquestionable.

a. *A substantial group within the Department of Economics maintains that the College is preoccupied with training for business careers and therefore is not in sympathy with the broader social point of view that characterizes economics as a discipline. The same group holds that for this reason the College does not provide an environment favorable to the existence of economics as a social science and at times shows hostility to it.*

No considerable amount of factual evidence was available to the committee on this point. This may have been due to the intangible character of the issue. However, the committee has encountered within the College some lack of appreciation of the fact that the Department of Economics has any substantial function other than to supply instruction essential to education for business. In fairness, it should also be observed that a group in the Department of Economics tends to disparage

training for business and to underestimate the responsibility of economics in that process. Although the groups holding these extreme views are small, the fact that the views are held at all is significant.

The committee encountered no substantial body of evidence indicating improper past interference with course offerings, projected research, salary increases or promotions in the Department of Economics. It did encounter substantial feeling that the climate is such that future interferences will result. Although the fears expressed are prospective, they are genuine and should be allayed, in order to promote the future growth and development of the Department.

The recent controversy within the College encouraged attacks upon the views entertained, or supposed to be entertained, on controversial issues of the day by members of the Department of Economics. These attacks came largely from outside the University, but to some extent from within the College itself. It is inevitable that in any large department of economics there will be diverse points of view on controversial issues of an economic nature. Such diversity is wholesome. No organizational structure can protect the economist completely from attacks of this nature. The faculty of a University, however, should recognize the right of all of its members to hold divergent views and should defend this right. It is only by encouraging freedom of inquiry and expression that progress in the development of the science and in its application to the actual world can be advanced.

b. The number of majors in economics is disproportionately small.

Despite the fact that a major in economics may be taken by students enrolled either in the College of Commerce or in the College of Liberal Arts, the total number of such majors is very small in comparison with the enrollment in either college or in the University. This situation is in marked contrast to the importance of economics in present-day society. Moreover, a sound program of graduate instruction and of research is encouraged by a broad foundation of undergraduate instruction.

It is argued that the scarcity of economics majors among students registered in the College of Commerce is due to registration advice given by members of the Department of Business Organization and Operation. The committee doubts this contention and holds, rather, that the difficulty arises from the fact that the College has attracted relatively few students whose primary interest was other than that of obtaining an education for business. Certainly the committee finds no fault with the existing policy of educating students along professional lines for careers in business. This is a very legitimate educational objective and the College has achieved outstanding success in connection with it. However, the impression apparently has been prevalent in the minds of students that the College offers no other type of education. This erroneous impression probably derives basically from the very name of the College. The full name of the College is "College of Commerce and Business Administration." Students seemingly have tended to regard "Commerce," which possesses both a broad and a restricted meaning, as narrowly synonymous with "Business Administration." Consequently, students whose interests lie in the direction of the social sciences, rather than in the direction of a professional education for business, have registered elsewhere in the University, presumably in the College of Liberal Arts and Sciences. The dual character of the College of Commerce has not been made sufficiently apparent.

At the same time, the Department of Economics has not been overly assiduous in cultivating majors in the College of Liberal Arts and Sciences; it has not participated to any substantial extent in the construction of curricula or in the advising of students in that College. While it is argued vigorously, and the committee agrees, that economics is a social science, the requirement of eight hours of social science in the general curriculum of the College of Liberal Arts and Sciences cannot presently be satisfied by courses in economics. Greater participation by the members of the economics staff in the affairs of the College of Liberal Arts and Sciences is needed.

c. The location of economics in the College of Commerce results, it is claimed, in its undue isolation from the other social sciences.

Earlier in this report the committee has stated briefly its belief that economics is properly classified as one of the social sciences. It clearly has many points of

contact with other disciplines. For a summary of trends in the field of Economics, reference is made to the Report of the Study of The Ford Foundation On Policy and Program (1949):

"Several trends in economic thinking suggest hope for a greater future contribution to economic well-being. Of first importance is the expression of willingness by leading economists to reinvestigate basic theories, to subject these theories to the acid test of verification, and, where evidence is lacking, to get it at original sources.

"A further sign of progress in economic thought is found in the growing recognition that man's economic behavior is only a part of his total behavior, and that it cannot be abstracted and studied in isolation. Increasing attention is being directed to economic choices—decisions to buy, to work, to invest—as simply one part of the entire range of human conduct. Certain fields, such as psychology and sociology, and the new methods and approaches utilized in them, are now seen to apply to the conduct of economic research.

"Another trend in the field of economics which appears fruitful is the recent growth of a practice of economics. Economists are now heavily relied upon by business, labor, and various branches of government and are represented at high policy levels by such bodies as the Council of Economic Advisers to the President. The increasing use of economists in practice should help bring together the development of theory and the solution of specific problems.

"Still another hope for progress lies in the development of techniques, such as sampling, which make possible additional testing of economic theories. Unlike the natural sciences, theories in economics cannot usually be validated by observation of limited and isolated data. On the contrary, data in great volume or from wide areas are frequently necessary. Practically no data were collected in the days of the early economic theories, and, in fact, only in recent decades have more comprehensive data become available concerning such basic matters as the volume and kinds of production, employment, and income.

"The conjoining of theory and practice is also served by the studies and activities of voluntary groups and committees which have recently been organized in increasingly effective forms. The real potential of such groups has hardly been tapped." (p. 72)

The status of economics as a social science would indicate that its proper location is with the other social sciences in the College of Liberal Arts and Sciences. Certainly contacts between the social sciences are mutually advantageous. On the other hand, economics is the social science peculiarly and intimately related to business. Business practice derives important benefits from close association with economic theory, and economics as a developing science needs close association and familiarity with business practices and business phenomena. Thus no compelling logic dictates any particular location for the study of economics.

In the present case, the committee believes that the solution lies in the maintenance of existing ties and in the formation of new ones. The important position traditionally given to economics in the College's program of professional training for business has afforded a breadth and strength not always found in such programs. Closer association between economics and the other social sciences is not inconsistent with maintenance of its present relation to the business training curriculum.

d. Professional circles must be reassured that the University intends to maintain a strong Department of Economics.

The recent controversy in the College has inevitably resulted in some prejudice to the standing and reputation of the University among professional economists. Whether rightly or wrongly, the events of the last year have been construed as reflecting a situation unfavorable to the free and objective pursuit of economic study. Unless doubts as to the University's desire to maintain a strong department of economics are laid at rest, the University seems destined to be at a disadvantage in attracting and retaining suitable staff members. Moreover, if these doubts remain, graduates in economics from the University seem likely to encounter serious handicaps in seeking employment elsewhere, whether in business, government, or educational institutions.

e. Factionalism and personal frictions have accentuated the problems of the College.

The differences which exist within the College do not fall strictly along departmental or ideological lines. The committee has not found the Department of Business Organization and Operation on one side of the questions which have been raised and the Department of Economics on the other. The division runs squarely through the Department of Economics itself, between those who advocated and those who opposed the retention of Dean Bowen, with the Business Organization and Operation staff largely supporting the latter group.

Since the issues at stake involve the welfare of the University as a whole, the committee is strongly of the opinion that no sound solution can be reached merely on the basis of counting the numbers of those who adhere to some particular view in the Department of Economics or in the College of Commerce. Moreover, the committee would fail to deal with the realities of the situation if it refused to recognize that some group within the Department of Economics, under any solution, will be in the position of a minority. The College is in effect passing from a time of civil war to a time of reconstruction. "A just and lasting peace" is no doubt to be achieved through the creation of an atmosphere in which there are "malice towards none" and "charity for all." This atmosphere does not now exist. It is very evident that a real fear of punitive measures exists on both sides, a fear that cannot be set at rest by verbal assurances. Hence, organizational changes designed to secure the rights of minorities are required.

f. The Department of Business Organization and Operation has outgrown its present organization.

At present the Department of Business Organization and Operation constitutes a single monolithic department which extends into all fields of professional training for business, with informal divisional organization as to various areas. In the past this structure has not prevented excellent results. However, the increase in the variety of the Department's activities and the promotion of future growth and development suggest the advisability of regularizing these informal divisions as departments. In the view of the committee, this change would consolidate gains already made and encourage progress and initiative in each of the fields now included within the one department.

III

RECOMMENDATIONS

In the main only two solutions were proposed by those who appeared before the committee or presented their written views: (1) the continuation of the present situation and (2) the transfer of all or some part of the Department of Economics to the College of Liberal Arts and Sciences. This response was natural in view of the circumstances under which the opinions were solicited.

For reasons already indicated, plus the difficulty of making the division of the department which would be necessary and the likelihood of duplication of instruction, the committee believes that the proposal to transfer all or some part of the Department of Economics to Liberal Arts and Sciences is not an adequate solution. Also, for reasons already indicated, the committee believes that the existing situation should not continue without modification. It is within the framework of modification of the existing situation that the committee believes the solution is to be found. The committee therefore submits the following recommendations:

1. *Name of the College.* In order to clarify the functions of the College, the committee recommends that the name of the College be changed to include "Economics" and suggests the title "College of Economics and Business Administration."

2. *Organization of the College.* The committee recommends the reorganization of the College into four constituent parts: a School of Business Administration, a School of Economics, the Bureau of Economic and Business Research, and the Business Management Service.

The executive committee of the College should consist of seven members, including six members elected by the faculty of the College, and the dean as

chairman *ex officio*. The elected members of the College executive committee should advise the President in the selection and re-appointment of a dean and should advise the dean in the administration of the College. The committee should transact such business as may be delegated to it by the faculty, except as regards budget, appointment, and promotion. Faculty participation in these matters is provided for under point three below. The present powers of the faculty of the College as a whole relative to courses, curricula, and the granting of degrees should remain unchanged. The dean should prepare the budget of the College as a whole in consultation with the four directors. The dean should not also be a director.

3. *Organization of the Schools*. The administration of each school should be under a director, appointed biennially by the Board of Trustees upon the recommendation of the President. In the selection and re-appointment of a director, the President should have the advice of the elected members of the executive committee of the school concerned and of the dean.

The executive committee of each school should consist of members elected by the faculty of the school, in the manner prescribed by the faculty, with the director as chairman *ex officio*. The executive committee should advise the director with respect to appointments, promotions, and budgets, and should transact such other business as may be assigned to it by the faculty of the school.

The School of Business Administration should be departmentalized. The committee feels that study by the faculty of the School would evolve a satisfactory departmental breakdown. The committee makes no recommendation as to departmentalization of the School of Economics. The director of a school should not serve as head or chairman of a department, if more than one department is established in the school.

4. *Protection of Minority Groups*. The committee is of the opinion that unusually careful administrative consideration of salaries and promotions may be required in order to assure fair treatment of the minority groups which seem likely to exist for some time to come under any form of organization. It is, therefore, of the utmost importance that the persons named as dean of the College and as directors of the schools enjoy the fullest measure of confidence of their respective faculties.

5. *Participation by the School of Economics in the College of Liberal Arts and Sciences*. The committee recommends that the members of the faculty of the School of Economics, while retaining their status as members of the faculty of the College of Commerce (i.e., "Economics and Business Administration"), should participate in the affairs of the College of Liberal Arts and Sciences as members of its faculty. Matters relating to budget, appointments, and promotions in the School of Economics would not be shifted to the College of Liberal Arts and Sciences.

6. *Revision of Statutes*. Under the present *University of Illinois Statutes* the status of a school which is included within a college is treated very vaguely. In the event of the approval of these recommendations by the appropriate authorities, the provisions for organizational changes outlined herein should lead to corresponding revisions in the existing *Statutes*. Cognizance should be taken of these changes in the form of a comprehensive redefinition of the status of a school within a college when the *Statutes* undergo their next general revision.

ROYDEN DANGERFIELD

CHARLES J. GAA

D. PHILIP LOCKLIN

GORDON N. RAY

EDWARD W. CLEARY, *Chairman*

April 26, 1951

Mr. Nickell moved that no formal action be taken by the Board of Trustees until the next meeting of the Board.

This motion was adopted.

At the request of President Stoddard, Professor Cleary discussed the report of his Committee and answered questions asked by members of the Board.

Following a general discussion of the President's recommendations and the Committee's report:

Mr. Johnston suggested that the Advisory Committee of the College of Commerce and Business Administration be consulted regarding the proposed reorganization of the College.

Mr. Megran suggested that the reactions of members of the Faculty of the College be secured following a meeting at which the President's recommendations and the report of the Cleary Committee would be discussed and questions answered. Mr. Megran also suggested that the Trustees be notified of the time and place of the meeting so that any who wish to do so may attend as individuals to hear the discussion.

President Stoddard stated that his recommendations and the Cleary Committee's report will be submitted to all members of the College Faculty and to the Advisory Committee, that meetings of these groups will be held with the Cleary Committee participating to discuss its report and to answer questions, and that, as requested by the President of the Board, members of both groups will be asked to submit their opinions in writing to the President of the University.

JUNE MEETING

It was agreed that the next meeting of the Board of Trustees will be held in Chicago on Wednesday, June 13, 1951, the hour and place to be determined by the President and Secretary of the Board.

FESTIVAL OF CONTEMPORARY ARTS

On motion of Mrs. Watkins, the Secretary was instructed to send a letter to Dean Rexford Newcomb of the College of Fine and Applied Arts conveying to the Faculty of the College the felicitations of the Board on the 1951 Contemporary Arts Festival and appreciation of the work done to make it such a great success.

APPRECIATION TO MR. WAYNE A. JOHNSTON

On motion of Mr. Fornof, the Board expressed its appreciation to Mr. Wayne A. Johnston for his gracious hospitality as dinner host to the trustees and other University officials preceding tonight's meeting.

APPRECIATION TO PROFESSOR EDWARD W. CLEARY

On motion of Mr. Nickell, seconded by Mrs. Watkins, the Board expressed its appreciation to Professor Edward W. Cleary for his informative and very helpful discussion of his Committee's Report on the Organization of the College of Commerce and Business Administration.

At this point, Mr. Fornof withdrew from the meeting.

EXECUTIVE SESSION

On request of President Livingston, the Board went into Executive Session to consider a special order of business.

PROCEEDINGS IN THE CASE OF PATRICK J. MAY

At a regular meeting of the Board of Trustees of the University of Illinois held in Chicago, Illinois, on March 13, 1951, the Board received

a report from the President of the University that, under Civil Service law and rules, written charges as grounds for discharge had been filed by the Director of Nonacademic Personnel against Patrick J. May, Plant Operating Engineer in the Physical Plant Department of the Chicago Undergraduate Division at Navy Pier, and that Mr. May was served with notice of the same on February 23, 1951. He had requested a hearing, and pursuant to due authorization by the Board, the President of the Board appointed the following committee to hear the charges and make a recommendation to the Board:

ROBERT P. HACKETT, Associate Dean of Commerce and Business Administration and Professor of Accountancy, Chicago Undergraduate Division, Chairman
 HAROLD W. BAILEY, Associate Dean of Liberal Arts and Sciences and Professor of Mathematics, Chicago Undergraduate Division
 WARREN O. BROWN, Dean of Men and Counselor in the Division of Special Services for War Veterans, Chicago Undergraduate Division
 CHARLES H. BOWMAN, Assistant Professor of Law, Urbana
 J. FRED KNIGHT, Purchasing Agent, Chicago Colleges

The committee's report and its recommendation are submitted herewith.

REPORT OF THE HEARING COMMITTEE IN THE PROCEEDINGS FOR THE DISCHARGE OF
 PATRICK J. MAY FROM THE UNIVERSITY OF ILLINOIS CIVIL SERVICE

In this proceeding, the exhibits for the complainant, and the record, show

1. That formal charges were filed against Patrick J. May, an employee of the University of Illinois, classified as a Plant Operating Engineer under the University Civil Service, to discharge Patrick J. May from his position. These charges were filed in accordance with the statute on February 23, 1951.
2. That in accordance with Chapter 24½, Section 38b, Illinois Revised Statutes, 1949, and with the University of Illinois Board of Trustees' Rules for the Classified Civil Service of the University of Illinois, Patrick J. May requested a hearing on such charges.
3. That Robert P. Hackett, Chairman, Harold W. Bailey, Warren O. Brown, J. Fred Knight, and Charles H. Bowman were duly appointed by Park Livingston, President of the Board of Trustees of the University of Illinois and acting under the authority of such Board, as a Committee to hold a hearing on such charges in accordance with the provisions of the statute.
4. That a hearing before such Committee was held on the charges filed against Patrick J. May, on April 9, 1951, in the administrative offices of the University of Illinois, Navy Pier, Chicago, Illinois.

After hearing and weighing the evidence introduced at the hearing, the Hearing Committee makes the following findings of facts:

1. That Patrick J. May, hereinafter referred to as May, is and has been since January, 1947, an employee of the University of Illinois in the civil service classification of fireman and then as a plant operating engineer.
2. That while so employed by the University of Illinois and while on, in, and about the premises of the University at Navy Pier, Chicago, Illinois, May did, at various times beginning shortly after his employment in January, 1947, and continuing until February 23, 1951, receive from other persons on, in, or about such premises, sums of money varying in amount from ten cents to two dollars each, which May undertook to place by telephone with book-makers in the city of Chicago as bets on race horses running at various tracks in the country.
3. That on February 7, 1951, May accepted from one Barry two dollars as a bet on Sunshine Rose to place in the seventh race at Hialeah Park; that on February 23, 1951, May accepted from Barry two dollars as a bet on Old Bess in the second race at Hialeah Park.

4. That bets were received and phoned to bookmakers at various times during May's working hours, but that the time consumed by such activities was only a few minutes in each instance.
5. That in making application for employment with the University of Illinois on January 6, 1947, in answer to the question "Have you ever been arrested, indicted, or convicted for any violation of law other than a minor violation?", May replied "No," whereas he had in fact been arrested in the city of Chicago, by the Chicago police, on a charge of gambling, on May 25, 1931, and again in the city of Chicago, by the Chicago police, on a charge of bookmaking, on February 8, 1933. That in each case of arrest, May was discharged without indictment or conviction.

From the above findings of fact, the Committee makes the following conclusions:

1. That Patrick J. May on various occasions while in the employ of the University of Illinois did receive and accept bets from persons on the premises of the University of Illinois.
2. That May accepted bets and phoned them to bookmakers during scheduled working hours, which constituted the taking care of outside interests during scheduled working hours. The Committee further concludes, however, that the time consumed in such activities was not so great as to seriously affect adversely the quality of May's work in the performance of his regular duties.
3. That the wording of the question relative to previous arrests, put to May at the time of his application for employment, was open to interpretation by the applicant as to what constituted "minor offenses," and that May's reply to such question did not constitute a falsification of employment record under the circumstances of his case.

From the above conclusions, the Committee makes the following ultimate conclusions:

1. That the receiving and acceptance of bets by May from persons on the premises of the University of Illinois is just cause for discharge from the civil service of the University of Illinois.
2. That the taking care of outside interests during scheduled working hours by May did not so seriously affect adversely the performance of his regular duties as to constitute just cause for discharge.
3. That the answer given by May to the specific question asked relative to his employment application is not just cause for discharge.
4. That the fourth charge of "Conduct prejudicial to the interests of the University" states a conclusion which depends for its validity upon specific acts set forth in the first three charges, or upon other acts not specified in the charges, and in view of the findings of fact and conclusions based on the first three charges individually, the Committee deems it unnecessary to make any finding of fact or conclusion in relation to the fourth charge.

Conclusion of law:

The Committee concludes that the receiving and acceptance of bets by Patrick J. May from persons on the premises of the University of Illinois constitutes just cause for discharge from the classified civil service of the State in relation to the University of Illinois.

Recommendation:

The Committee therefore recommends that the employee, Patrick J. May, be discharged, and that this decision of the Board be certified to the appointing officer and be enforced by him.

ROBERT P. HACKETT
HAROLD W. BAILEY
WARREN O. BROWN
J. FRED KNIGHT
CHARLES H. BOWMAN

On motion of Mr. Johnston, the recommendation of the Committee was approved, and Patrick J. May was discharged from the classified civil service of the state in relation to the University of Illinois, by the

following vote: Aye, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Forno, Mr. Hickman, Mr. Stevenson.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) retirements; (5) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- APELL, ALICE J., Acting Assistant Acquisition Librarian, with the rank of Instructor, four months beginning May 1, 1951, \$360 a month, supersedes (5-2-51).
- APPLETON, JOSEPH H., Research Associate in Civil Engineering, in the Engineering Experiment Station, one year beginning July 1, 1951, \$4800 (4-19-51).
- ARTHUR, ALICE E., Medical Illustrator in the Division of Services for Crippled Children, on one-half time, five months beginning April 1, 1951, \$150 a month (4-19-51).
- BARRON, SAMUEL H., JR., Clinical Instructor in Pediatrics, in the College of Medicine, on nine-tenths time, five months beginning April 1, 1951, \$3500 a year, supersedes (5-7-51).
- BOSZORMENYI-NAGY, IVAN, Research Assistant in Psychiatry, in the College of Medicine, five months beginning April 1, 1951, \$250 a month (4-21-51).
- BOWERS, WENDELL, Instructor in Agricultural Engineering, in the Extension Service in Agriculture and Home Economics, three months beginning June 1, 1951, \$333.33 a month (5-10-51).
- BUTCHER, WALTER W., Instructor in Physical Sciences, in the Undergraduate Division in Chicago, on one-half time, beginning April 1, 1951, and continuing through June 15, 1951, \$170 a month (4-20-51).
- BYERS, FRANKLIN H., Research Assistant in the Bureau of Institutional Research, three months beginning June 1, 1951, \$250 a month (4-25-51).
- CARTON, ROBERT W., Clinical Assistant in Medicine (Rush), in the College of Medicine, beginning July 1, 1951, and continuing through August 31, 1952, without salary (4-26-51).
- CAUDLE, RODNEY D., Research Assistant in Mining Engineering, in the Department of Mining and Metallurgical Engineering, in the Engineering Experiment Station, one year beginning September 1, 1951, \$3000 (4-19-51).
- CHEN, KUO-TSAI, Research Associate in Mathematics, in the Graduate College, one year beginning September 1, 1951, to render service during the academic year, \$3000 (for the convenience of the University he will also be furnished with suitable living quarters) (4-21-51).
- DAMRIN, DORA E., Research Associate in the Bureau of Research and Service, two months beginning July 1, 1951, \$350 a month (5-10-51).
- DUNN, FLOYD, Research Assistant in Electrical Engineering, in the Engineering Experiment Station, beginning May 1, 1951, and continuing through August 31, 1952, \$4400 a year, supersedes (5-7-51).
- FULLER, JOHN B., Instructor in Pathology, in the College of Medicine, on one-tenth time, \$408 a year, and in studies under a United States Public Health Service grant, on nine-tenths time, \$4800 a year, two months beginning July 1, 1951, supersedes (4-24-51).
- HIRSCH, MARVIN M., Research Assistant in Preventive Medicine, in the College of Medicine, two months beginning July 1, 1951, \$250 a month (4-19-51).
- HOCH, RITA ANN, Registered Pharmacist in Hospital Pharmacy, in the College of Pharmacy, four months beginning May 1, 1951, \$300 a month (5-3-51).
- LAUGHNAN, JOHN R., Assistant Professor of Botany, in the College of Liberal Arts and Sciences, and Assistant Professor of Plant Genetics, in the Department of Agronomy, in the College of Agriculture, four months beginning May 1, 1951, \$466.67 a month, supersedes (4-23-51).

- LIPTON, EARLE L., Clinical Assistant in Pediatrics, in the College of Medicine, eight months beginning January 1, 1951, without salary (4-19-51).
- MANFREDI, HAROLD, Research Assistant in Psychiatry (assigned to Loyola University), in the College of Medicine, five months beginning April 1, 1951, \$244.17 a month (5-2-51).
- MARTIN, ALICE M., Acting Education, Philosophy, and Psychology Librarian, with the rank of Instructor, four months beginning May 1, 1951, \$325 a month, supersedes (5-3-51).
- McMILLAN, FRED W., Assistant in Forest Research, in the Department of Forestry, in the Agricultural Experiment Station, beginning July 1, 1951, and continuing through August 31, 1952, \$3200 a year (4-28-51).
- McMILLION, MARY CATHERINE, Research Assistant in the Bureau of Economic and Business Research, four months beginning May 1, 1951, \$250 a month (5-10-51).
- MILLER, JAMES G., Clinical Assistant in Psychiatry, in the College of Medicine, four months beginning May 1, 1951, without salary (4-19-51).
- PACKARD, DOUGLAS K., Clinical Assistant in Surgery, in the College of Medicine, four months beginning March 1, 1951, without salary (4-19-51).
- PARSONS, MALCOLM B., Assistant Professor of Labor and Industrial Relations, one year beginning September 1, 1951, \$4900 (4-28-51).
- RHOADES, MARCUS M., Professor of Botany, in the College of Liberal Arts and Sciences, and Professor of Cytogenetics, in the Department of Agronomy, in the College of Agriculture, on indefinite tenure beginning May 1, 1951, to render service during each academic year, \$10,500 a year, supersedes (4-23-51).
- SISS, CHESTER P., Research Associate Professor of Civil Engineering, in the College of Engineering, on one-third time, and in the Engineering Experiment Station, on two-thirds time, on indefinite tenure beginning March 1, 1951, \$7000 a year, supersedes (4-21-51).
- SILBERGELD, SAM, Assistant Professor of Physical Sciences, in the Undergraduate Division in Chicago, five months beginning April 1, 1951, \$368 a month, supersedes (4-20-51).
- SONNENSCHNEIN, RALPH, Research Associate in Psychiatry, in the College of Medicine, beginning April 15, 1951, and continuing through August 31, 1951, \$458.33 a month, supersedes (5-2-51).
- TAYLOR, SAMUEL G., III, Clinical Associate Professor of Medicine, in the College of Medicine, on 45/100 time, one year beginning April 1, 1951, \$3000, supersedes (5-8-51).
- WELCH, HELEN M., Acting Acquisition Librarian, with the rank of Assistant Professor, four months beginning May 1, 1951, \$450 a month, supersedes (5-8-51).
- WELKOWITZ, WALTER, Research Assistant in Electrical Engineering, in the Engineering Experiment Station, beginning May 1, 1951, and continuing through August 31, 1952, \$4400 a year, supersedes (5-7-51).
- WHEELER, DAVID J., Visiting Assistant Professor of Mathematics, Electronic Digital Computer, in the Graduate College, nine months beginning September 16, 1951, \$500 a month (4-23-51).
- WOODMAN, EVERETT M., Assistant Professor of Education, two years beginning September 1, 1951, to render service during each academic year, \$4700 a year (4-23-51).
- WOZGIN, JULIA E., Clinical Assistant in Nursing, in the School of Nursing, five months beginning April 1, 1951, \$200 a month (for her convenience she will also be furnished with room and board valued at \$40 a month) (5-7-51).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- BROWN, JOHN W., Bristol Laboratories Fellow in Biological Chemistry (Medicine), April 1-September 15, 1951, \$1100 (4-19-51).
- BYRNE, PATRICK J. S., National Lead Company Fellow in Geology, nine months beginning September 16, 1951, \$1500 (4-17-51).
- CHAKRAVORTI, AMAL K., Postdoctoral Fellow in Botany, nine months beginning September 16, 1951, \$2400 (4-24-51).

- CHENG, KUANG LU, Postdoctoral Fellow in Agronomy, nine months beginning September 16, 1951, \$2000 (4-24-51).
- COHRS, JOYCE S., Fellow in Psychology, September 16, 1951-January 31, 1952, \$350 (4-17-51).
- GASH, VIRGIL W., Fellow in Chemistry, July 1-September 15, 1951, \$300 (5-4-51).
- KIRTS, ARTHUR L., Henry Strong Fellow in Civil Engineering, nine months beginning September 16, 1951, \$700 (5-7-51).
- LI, YIN-YUAN, Postdoctoral Fellow in Physics, nine months beginning September 16, 1951, \$3000 (5-4-51).
- McKEAND, IRVIN J., Titanium Alloy Fellow in Ceramic Engineering, ten months beginning September 1, 1951, \$1800 (5-4-51).
- MEYER, ROBERT P., Fellow in Surgery, five months beginning April 1, 1951, \$1800 (5-2-51).
- RYDER, BERNARD L., Fellow in Chemistry, July 1-September 15, 1951, \$300 (5-4-51).
- SALZMAN, NORMAN P., Abbott Fellow in Chemistry, one year beginning September 1, 1951, \$1500 (4-17-51).
- SEGALL, BENJAMIN, Postdoctoral Fellow in Physics, nine months beginning September 16, 1951, \$2000 (4-24-51).
- SKOM, JOSEPH H., Public Health Service Fellow in Physiology (Medicine), nine months beginning September 16, 1951, \$2000 (4-10-51).
- SWAN, JOHN B., Postdoctoral Fellow in Physics, nine months beginning September 16, 1951, \$2000 (4-24-51).
- VAN DUUREN, BENJAMIN L., Postdoctoral in Chemistry, nine months beginning September 16, 1951, \$2000 (4-24-51).

RESIGNATIONS AND DECLINATIONS

- ANDERLIK, MRS. BARBARA C., Research Assistant in Chemistry, in the Graduate College—resignation effective 5-1-51.
- ANDERSON, ROBERT P., Fellow in Chemistry—declination effective 9-16-51.
- BECKER, WILLIAM K., Research Assistant in Civil Engineering, in the Engineering Experiment Station—resignation effective 4-18-51.
- BOUSFIELD, JOHN R., Fellow in Geography—declination effective 9-16-51.
- BRIGHT, D. BRUCE, Minnesota Mining and Manufacturing Company Fellow in Chemistry—declination effective 9-16-51.
- BROWN, ROLLIN L., Fellow in Physics—declination effective 9-16-51.
- CARLSON, EARLAND, Fellow in History—declination effective 9-16-51.
- CHASE, DAVID M., Fellow in Physics—declination effective 9-16-51.
- CLARK, WILLIAM C., Research Assistant in Physiology, in the Graduate College—resignation effective 4-1-51.
- DEAL, MRS. ALICE L. BOYD, Cataloger, with the rank of Instructor, in the Library—resignation effective 5-21-51.
- DEAL, NEWTON H., Circulation Assistant in the Library—resignation effective 5-14-51.
- DOREMUS, ROBERT H., Fellow in Chemistry—declination effective 9-16-51.
- DREYFUS, HUBERT L., Fellow in Philosophy—declination effective 9-16-51.
- FINDLAY, JAMES E., Instructor in General Engineering Drawing, in the Undergraduate Division in Chicago—resignation effective 6-12-51.
- GARDNER, WILLIAM L., Research Assistant in Radiology, in the College of Medicine—resignation effective 4-30-51.
- GOODWIN, CRAIG, Instructor in Psychiatry, and Physicist, in the Department of Psychiatry, in the College of Medicine—resignation effective 5-15-51.
- GRIMLEY, ROBERT T., Fellow in Chemistry—declination effective 9-16-51.
- HISCOCK, ELVA A., Instructor in Nutrition, in the Department of Medicine, in the College of Medicine—resignation effective 7-31-51.
- HULL, MRS. MARY E., Research Associate in the College of Education—resignation effective 6-1-51.
- JAMES, HERBERT L., Fellow in Speech—declination effective 9-16-51.
- JONES, DAVID L., Fellow in English—declination effective 9-16-51.
- LINZER, EDWARD, Assistant Professor of Social Welfare Administration—resignation effective 8-31-51.
- LIPPS, CHRISTINE, Fellow in Psychology—declination effective 9-16-51.
- MALECKI, GEORGE J., Fellow in Food Technology—declination effective 9-16-51.

- MARKSBERRY, MARY LEE, Research Assistant in the Provost's Office—resignation effective 5-1-51.
- McKEOWN, MRS. MARIE PETTIBONE, Medical Artist in the Cleft Palate Training Program and Center, in the Division of Services for Crippled Children—resignation effective 3-31-51.
- McKINSEY, JAMES W., Fellow in Agricultural Economics—declination effective 9-16-51.
- McLELLAN, JOHN M., Fellow in Mathematics—declination effective 9-16-51.
- MICHEL, CHARLES J., Instructor in Theoretical and Applied Mechanics—resignation effective 5-8-51.
- NICKLAS, DOUGLASS R., Research Associate in Psychology, in the Graduate College—resignation effective 3-10-51.
- PERLMAN, MRS. BERNICE T., Assistant Professor of Social Welfare Administration—resignation effective 8-31-51.
- PERLMAN, MARTIN M., Fellow in Physics—declination effective 9-16-51.
- PIIP, ANTS-TONIS, Fellow in Electrical Engineering—declination effective 9-16-51.
- RAFNER, ROBERT S., John A. Fairlie Fellow in Political Science—declination effective 9-16-51.
- SPIEWAK, MILDRED, Fellow in Physics—declination effective 9-16-51.
- STANTON, GEORGE T., Research Assistant in Psychiatry (assigned to Loyola University), in the College of Medicine—resignation effective 4-1-51.
- STAUGAS, LEONARD W., Research Assistant in Labor and Industrial Relations—resignation effective 5-21-51.
- TALLENT, M. H., Abbott Fellow in Chemistry—declination effective 9-16-51.
- TAYLOR, CLIFFORD E., Instructor and First Assistant in Vegetable Crops (Horticulture), in the Agricultural Experiment Station and in the Extension Service in Agriculture and Home Economics—resignation effective 7-1-51.
- WHORTON, GLADYS P., Assistant Professor of Education—resignation effective 5-31-51.

RETIREMENTS

- CASBERG, CARL H., Professor of Mechanical Engineering—retirement effective 9-1-51.
- ROBINSON, FLORENCE B., Professor of Landscape Architecture—retirement effective 9-1-51.

LEAVES OF ABSENCE

- AYERS, ARTHUR R., Instructor in Agricultural Engineering, in the Extension Service in Agriculture and Home Economics—leave of absence, without salary, May 14, 1951, until the end of the academic year, for military service.
- BEAM, GEORGE R., Director of Statistical Service Unit, in the Provost's Office—leave of absence, without salary, May 16-August 31, 1951, for military service.
- BRADY, DOROTHY S., Professor of Economics, in the Department of Economics—leave of absence, without salary, March 1-August 31, 1951, and Research Professor of Economics, in the Bureau of Economic and Business Research—leave of absence, without salary, April 10-August 31, 1951.
- BRISCOE, JOHN W., Instructor in Civil Engineering, in the College of Engineering—leave of absence, without salary, March 28, 1951, until the end of the academic year, for military service.
- BRUNNER, MATTHEW J., Assistant Professor of Dermatology, in the College of Medicine—leave of absence, with salary, three months beginning April 1, 1951, on account of illness.
- BYERS, WALTER H., Assistant Professor of Electrical Engineering, in the College of Engineering—leave of absence, without salary, one year beginning September 1, 1951, for work in connection with the defense effort.
- EALLES, EDWARD P., Assistant Professor of Aeronautical Engineering, in the College of Engineering—leave of absence, without salary, for the academic year, 1951-1952.
- HANCOCK, ROBERT S., Instructor in Marketing, in the Department of Business Organization and Operation—leave of absence, without salary, May 24-August 31, 1951, for military service.
- HOROWITZ, MORRIS A., Research Assistant Professor of Labor and Industrial Relations—leave of absence, without salary, May 22-August 31, 1951.

- KUBLY, HERBERT O., Associate Professor of Speech—leave of absence, without salary, six months beginning September 1, 1951.
- MASSLER, MAURY, Professor of Graduate Pedodontia, and Lecturer in Postgraduate Studies, in the College of Dentistry—leave of absence, with salary, one month beginning July 1, 1951.
- STUBBLEFIELD, FRANK M., Assistant Professor of Physical Sciences, in the Undergraduate Division in Chicago—leave of absence, without salary, May 18-August 31, 1951, for military service.
- UNDERWOOD, ROBERT B., Instructor in Postgraduate Studies and in Full and Removable Partial Dentures, in the College of Dentistry—leave of absence, without salary, four months beginning May 1, 1951, for military service.
- ZIMMERMAN, WILLIAM F., Research Assistant in Ceramic Engineering, in the Engineering Experiment Station—leave of absence, with part salary, March 26-April 4, 1951, for military service.
- ZIROLI, NICOLA V., Assistant Professor of Art—leave of absence, with full salary, March 28-May 19, 1951, on account of illness.

On motion of Mr. Grange, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

MEETING OF THE EXECUTIVE COMMITTEE

MAY 18, 1951

The Executive Committee of the Board of Trustees of the University of Illinois met in the Faculty-Alumni Lounge of the Illini Union Building, Urbana, Illinois, on Friday evening, May 18, 1951, immediately following the adjournment of the Board meeting. The following, constituting all members of the Executive Committee, were present: Mr. Park Livingston, Chairman, Mr. Herbert B. Megran, and Mrs. Frances B. Watkins. Mr. A. J. Janata, Secretary of the Board, was also present.

The Committee considered the following item of business presented by the Secretary:

APPROPRIATION FOR BOARD OF TRUSTEES

The appropriations made for the Board of Trustees' Office in recent years have not been adequate to meet its needs.

The items of expense include: (a) printing of the Board minutes and publication of the Transactions of the Board of Trustees or biennial report; (b) annual audits of University accounts by outside certified public accountants employed by the Board; (c) expenses of holding Board of Trustees meetings; (d) travel expense of trustees; (e) fees paid investment counsel and for servicing University securities representing investments of trust funds; (f) fidelity insurance premiums; and (g) the business operations of the Secretary's office.

There have been substantial increases in some of these costs. For example, the cost of outside audits of accounts is now \$3,000 more than it was three years ago, due to the increase in volume of work. Printing costs are up and the increase in the amount of business transacted by the Board requires inclusion of more material in the printed record. This year there was a premium payment of \$1,525 for fidelity insurance for a three-year period, covering all areas of the University.

The Secretary requests an addition of \$8,500 to the budget for the current fiscal year ending June 30, 1951, to be allocated: \$600 for wages of temporary nonacademic personnel, and \$7,900 for other expenses.

On motion of Mrs. Watkins, an additional appropriation of \$8,500 was made from the General Reserve Fund to the Board of Trustees' Office, as requested, by the following vote: Aye, Mr. Livingston, Mr. Megran, Mrs. Watkins; no, none.

The Executive Committee adjourned.

A. J. JANATA
Clerk

PARK LIVINGSTON
Chairman

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

June 13, 1951



The June meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, June 13, 1951, beginning at 6:00 p.m. (C.D.S.T.).

The following members were present: President Livingston, Mr. Forno, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Megrn, Mr. Nickell, and Mrs. Watkins.

Also present were President George D. Stoddard, Provost Coleman R. Griffith, Mr. Ralph F. Lesemann, Legal Counsel-elect, Mr. J. F. Wright, Director of Public Information, Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of April 19, 1951, press proof copies of which had been sent to all members of the Board in advance of this meeting.

On motion of Mr. Johnston, these minutes were approved as printed on pages 649 to 685, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following recommendations and reports presented by President Stoddard.

PURCHASE OF RESIDENCE PROPERTY FOR FACULTY HOUSING

(1) In 1947 the Board of Trustees approved a policy under which the University has purchased residence properties from time to time specifically for the purpose of renting them to new members of the faculty who were being appointed to important positions and whose services could not be secured unless houses could be provided. Subsequently, some of these members of the faculty have purchased or built homes of their own and the houses have been rented to others. In some cases, the houses will be purchased from the University by the occupants.

It now becomes necessary to ask the Board for authority to purchase another house in order to secure the services of a professor whom all concerned recommend as being highly qualified for an important position at the University of Illinois. This position will become vacant at the end of the current academic year. We are not prepared now to make a specific recommendation for a purchase, and I therefore request that the Executive Committee of the Board be authorized to purchase one residence property upon recommendation of the President of the University, supported by an official real estate appraisal.

On motion of Mr. Johnston, the Executive Committee was authorized to purchase one residence property in Champaign or Urbana at a price not to exceed \$25,000, upon recommendation of the President of the University and based on a real estate appraisal. This authorization was given by the following vote: Aye, Mr. Forno, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

PAYMENTS FOR LEGAL SERVICES

(2) Mr. John H. Armstrong, Attorney, Champaign, has submitted a statement of account of \$3,419.84 for legal services rendered and expenses incurred up to June 7, 1951, as special counsel and consultant in connection with the University's contracts with the Warner Construction Company.

Chapman and Cutler, Chicago, have submitted a statement of account of \$4,757.95 for legal services and expenses in connection with the approval of the revenue bonds issued to finance the housing projects in Chicago.

Funds are available for payments of these fees which will be charged against the costs of the projects.

I recommend that these payments be authorized.

On motion of Mrs. Watkins, seconded by Mr. Hickman, payment of these fees was authorized.

APPOINTMENT OF MORELL B. RUSSELL AS PROFESSOR AND HEAD OF THE DEPARTMENT OF AGRONOMY

(3) The Dean of the College of Agriculture recommends the appointment of Dr. Morell B. Russell, now Professor of Soil Science at Cornell University, as Professor and Head of the Department of Agronomy in the College of Agriculture and the Agricultural Experiment Station on indefinite tenure beginning September 1, 1951, at an annual salary of \$10,750 (AY basis).

I concur.

On motion of Mrs. Watkins, this appointment was approved.

APPOINTMENTS TO THE FACULTY

(4) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. JOHN BARDEEN, Professor of Electrical Engineering and Physics, beginning September 1, 1951, at an annual salary of \$10,000 (A).

2. T. ERNEST NEWLAND, Associate Professor of Education, beginning September 1, 1951, at an annual salary of \$6,500 (B).

On motion of Mrs. Watkins, these appointments were confirmed.

CHANGES IN CIVIL SERVICE CLASS SPECIFICATIONS

(5) The Director of Nonacademic Personnel submits his annual recommendations for changes in University Civil Service positions to keep the classification plan up to date and to meet the changing needs of the University. His recommendations include: (a) new classifications; (b) classifications to be deleted; (c) revised specifications; (d) changes and corrections in classification titles; (e) changes in classification titles and revision of specifications; and (f) changes in salary ranges of present classifications.

I recommend that the Board approve these changes, effective July 1, 1951.

<i>Position</i>	<i>New Classifications</i>	<i>Salary Range</i>
Accountant-Statistician, Senior.....		\$275-400
Assistant, Bindery.....		Prevailing
Assistant, Physical Research Laboratory.....		375-500
Attendant, Senior Tool Room.....		Prevailing
Clerk III.....		165-280
Clerk II.....		150-200
Clerk I.....		135-165
Clerk, Payroll I.....		150-200
Computer, Technical.....		270-340
Consultant for Women's Housing.....		275-400
Director of Statistical Service Unit, Assistant.....		350-500
Dispatcher, Routing, II.....		150-200
Dispatcher, Routing, I.....		135-165
Dispenser, Optical.....		300-450
Engineer, Senior Accelerator.....		325-400
Engineer, Junior Accelerator.....		275-350
Engineer, Electronics.....		350-500
Engineer, Assistant Instrument and Efficiency.....		250-400
Forelady, Maid.....		Prevailing
Foreman, Bookbinding.....		Prevailing
Foreman, Cylinder Press Room.....		Prevailing
Foreman, Job Press Room.....		Prevailing
Gardener, Landscape.....		265-350
Helper, Routeman.....		200-250
Illustrator, Junior.....		150-225
Laborer, Electrician.....		Prevailing
Laborer, Utility (Chicago).....		Prevailing
Maker, Model.....		350-500
Manager, Creamery.....		300-450
Mechanic, Tool and Instrument.....		Prevailing
Musician (Navy Pier).....		200-280
Officer, Placement.....		250-375
Operator, Assistant Blueprint Machine.....		150-225
Operator, Bookkeeping Machine, II.....		185-250
Operator, Bookkeeping Machine, I.....		160-210
Operator, Duplicating Machine, III.....		200-280
Operator, Duplicating Machine, II.....		150-200
Operator, Duplicating Machine, I.....		135-165
Operator, Assistant Steam Distribution.....		Prevailing
Preparator, Museum.....		225-315
Stenographer, Recording.....		225-350
Superintendent, Mechanical Construction.....		400-650
Technician, Personnel.....		270-400
Technician, Junior Personnel.....		220-285
Tradesman, Skilled		
Cylinder Pressman.....		Prevailing
Ironworker.....		Prevailing

Monotype (Combination) Operator	Prevailing
Offset Pressman	Prevailing
Offset Pressman and Plate Maker, Combination	Prevailing
Platen Pressman	Prevailing
Waitress	Prevailing

Senior Accountant-Statistician

DEFINITION: Under supervision, to perform responsible accounting and budgeting work; to map out and direct the tabulation and statistical treatment of data, to interpret the results thereof and present them in statistical reports; to plan, direct, conduct, and report studies and research on statistical-accountancy problems and on the relationships between statistical and accounting data.

DUTIES BY EXAMPLE: To apply the techniques of accounting in determining unit costs and to develop new cost accounting procedures for major University functions, such as instruction and research; relate such unit cost data statistically to the basic factors which underlie them; interpret accounting records, such as budgets, accountants' reports, reconciliations, and inventory records, and relate them to statistical data and to the measures, derived therefrom; collect, tabulate, and analyze accountancy and statistical data of various types, present the results in both graphic and tabular form, and summarize and interpret such data; originate and plan statistical-accountancy studies and research; supervise the work of statistical and clerical workers; perform related duties as assigned.

QUALIFICATIONS: University graduation, or the equivalent, with training in basic mathematics, fundamentals of statistics, principles of economics and finance, and accountancy through cost accounting, preferably including either institutional or governmental accounting; one year of experience as clerk, bookkeeper, tabulating machine operator, or other work with records, data, and statistical reports; accuracy, integrity, good judgment, supervisory ability; minimum age twenty-one.

Bindery Assistant

DEFINITION: Under supervision of a foreman, to perform routine duties involved in Print Shop Bindery.

DUTIES BY EXAMPLE: To operate stitching machine; collate signatures; check prenumbered forms; gather multiple copies of forms; perform related duties as assigned.

QUALIFICATIONS: Grade school graduation; ability to learn quickly; willingness to cooperate with foreman and other employees; good physical condition; minimum age eighteen.

Physical Research Laboratory Assistant

DEFINITION: Under general direction only, to perform duties requiring a high degree of skill in the design, construction, assembly, and operation of physics research equipment and to supervise others with less skill and experience in similar work.

DUTIES BY EXAMPLE: To design specialized research equipment, including microtomes, cryostats, mechanical testing apparatus, high-temperature ovens, magnets, calorimeters; construct such apparatus in the machine shop; weld, hard and soft solder, and spin metals; operate specialized research apparatus such as high-temperature ovens, large magnets, cryogenic equipment, vacuum systems, cloud chambers, nuclear particle accelerators; assist in the making of electrical, optical, thermal, and mechanical measurements; operate standard and specialized cameras and process photographic materials; supervise others of less skill and experience in the operation of research equipment; advise others of less knowledge and experience concerning the properties of the materials of research; maintain equipment lists and material inventories; maintain records of tests; perform related duties as required.

QUALIFICATIONS: Four years of college work in science or engineering, or equivalent shop and/or research laboratory experience; skill and experience with machine tools and drafting equipment; knowledge of the properties of the materials of research; physical and mental ability to do and to supervise work on precision apparatus in a careful, efficient manner; minimum age twenty-five.

Senior Tool Room Attendant

DEFINITION: Under direction, to be responsible for receipt, issuance, and custody of tools and equipment.

DUTIES BY EXAMPLE: To be responsible for work of employees of lower rank in the tool room; be responsible for custody, issuance, replacement, maintenance, and repair of tools and equipment and maintenance of tool room records as outlined in the Tool Control Manual; assist machinists in shop work as required; be responsible for removal from service of all unsafe, broken, or otherwise defective tools and equipment; perform related duties as assigned.

QUALIFICATIONS: High school graduation preferred; good physical condition; agility; mechanical aptitude; manual dexterity; ability to maintain legible records; pleasant business-like personality conducive to dealing harmoniously with fellow employees; initiative; resourcefulness; minimum age twenty-two.

Clerk III

DEFINITION: Under general supervision, to be responsible for varied and complex clerical work, involving the exercise of independent judgment and/or the supervision of a clerical staff of lower rank.

DUTIES BY EXAMPLE: To supervise and direct the work of a small or moderate-sized clerical unit; compile data for reports; code, classify, file, and direct filing of all materials in a large and complex filing system; give out information as approved by superior; answer routine inquiries; assist in the preparation and maintenance of records, including tabulation and posting of data in various record books; control admission of patients' visitors; operate office machines as required and instruct others in the operation of such machines; prepare materials for mailing; handle cash and other valuables; keep expenditure and income accounts which may include auditing, vouchering, and scheduling invoices, payrolls, and expense accounts; perform related duties as assigned.

QUALIFICATIONS: High school graduation; business training preferred; at least one year of responsible clerical experience, preferably in a college or university; typing ability desirable; minimum age twenty.

Clerk II

DEFINITION: Under direct supervision, but with some independence, to perform clerical duties requiring knowledge of office procedures.

DUTIES BY EXAMPLE: To give out information concerning department as approved by superiors; do indexing and filing involving cross indexing and transfer; register patients; keep records; be responsible for petty cash; make transcripts; fill supply orders; do inventory work; compile data and minor statistics; operate office machines as required; prepare tabulations; balance ledgers; check payrolls; do messenger work; check periodicals and bulletins; assist in the making of charts and graphs; check credits and admissions; answer routine inquiries; perform related duties as assigned.

QUALIFICATIONS: High school graduation; business training desirable; one year of clerical experience preferable; minimum age eighteen.

Clerk I

DEFINITION: Under close supervision, to perform routine tasks requiring a knowledge of clerical work.

DUTIES BY EXAMPLE: To open, seal, and mail correspondence; file materials as directed; paste labels; wrap packages; answer telephones; perform messenger service; do sorting, checking, calculations, and posting; answer routine inquiries; record grades and other data; operate duplicating machines and office machines as required; assemble duplicated materials; perform related duties as assigned.

QUALIFICATIONS: High school graduation; minimum age sixteen.

Payroll Clerk I

DEFINITION: Under supervision, to assist in maintaining payroll records and in preparing University payrolls.

DUTIES BY EXAMPLE: Assist in the preparation and maintenance of payroll records; post earnings records; maintain files for payroll authorizations, earnings records, time cards, and other related data.

QUALIFICATIONS: High school graduation; typing ability; accuracy and aptitude in handling figures; thoroughness; minimum age sixteen.

Technical Computer

DEFINITION: Under supervision of members of the academic staff, to make numerical computations, including numerical evaluations of integrals and numerical

integration of differential equations in connection with scientific research work carried on by senior staff, or by graduate students.

DUTIES BY EXAMPLE: Solve problems in higher mathematics incidental to investigative development and research work in scientific fields, such as engineering, physics, and astronomy; determine mathematical principles involved and most efficient methodology for solution of problems; operate calculating machines in the solution of problems.

QUALIFICATIONS: University graduation, with master's degree desirable in engineering or mathematics; skill in the operation of various types of calculating machines; evidence of ability to plan work for making numerical computations and evaluations; experience in progressive, responsible mathematical research and techniques; minimum age twenty-five.

Consultant for Women's Housing

DEFINITION: Under direction of Supervisor of Off-Campus Housing, to assist in matters relating to women's housing.

DUTIES BY EXAMPLE: To interview callers seeking general housing information; act as consultant to house directors and sorority officers concerning housing problems such as quotas, standards, and remodeling; confer with Dean of Women regarding physical aspects of housing; review complaints concerning food service and housing standards in privately operated units and recommend solutions; assist in adjusting controversial matters which pertain to physical aspects of housing in privately operated units; supervise the work of a housing visitor; supervise inspection program in privately-owned units accommodating women; compile and distribute information concerning housing for women; assist in preparation of Housing Handbook; supervise preparation of women's housing directory and women's housing statistics; distribute and collect applications for housing in University-owned facilities for single women; participate in College Day programs as requested; attend group meetings of house directors and intersorority council; perform related duties as assigned.

QUALIFICATIONS: University graduation, preferably with some work in sociology, personnel administration, or related subjects; working knowledge of interior decoration and furniture values desirable; ability to carry on correspondence effectively; aptitude for getting along with people and for adjusting controversial matters; minimum age twenty-five.

Assistant Director of Statistical Service Unit

DEFINITION: Under Director of the Unit, to be responsible for the operations of a large tabulating division, for establishing and maintaining involved mechanical tabulation procedures, and for the efficient and economical application of a wide variety of tabulating machine equipment.

DUTIES BY EXAMPLE: To direct the activities of a complex machine tabulating unit; plan work methods and procedures, subject to departmental policies established by the Director; revise procedures, work methods, and forms for the purpose of improving the efficiency of operation and services of the Unit; suggest to, and consult with, higher administrative officers on proposed changes of procedure; make decisions relative to operation of the Unit within the established procedures; plan, assign, and coordinate the work of the Unit; review and study finished reports for accuracy and correct composition; assist other staff members in the solution of difficult problems; perform related duties as assigned.

QUALIFICATIONS: University graduation with major, or special training, in fields of accounting and/or engineering; five years of experience with IBM punch card accounting equipment, including experience on latest model units; preferably three years of this total experience should have been spent in working with a college or university tabulating unit; experience in management and supervisory work highly desirable; ability to wire and operate all types of IBM equipment; ability to conduct classes in operation of IBM equipment; working knowledge of application of all types of IBM equipment; ability to design cards, code forms, and set up procedures; working knowledge of methods, plans, and practices of modern college and university records and statistics; ability to plan and coordinate the work of other tabulating unit employees; ability to deal harmoniously with the faculty and staff; minimum age twenty-eight.

Routing Dispatcher II

DEFINITION: Under immediate supervision, to be responsible for the dispatching of craftsmen for routine maintenance, repair, and/or alteration work on University buildings and grounds.

DUTIES BY EXAMPLE: To receive and dispatch to the appropriate staff and/or craft information relating to requests for service or needed repairs; type work orders and answer inquiries relative to such work; assist Routing Dispatcher III in the setting up of job orders and routine follow-up on such work; assume responsibility for job order work in the absence of Routing Dispatcher III; perform related duties as assigned.

QUALIFICATIONS: High school graduation; special training in typing and clerical work; knowledge of craft jurisdiction and building trades terminology preferable; ability to type accurately and rapidly; at least one year of experience preferably with a building contractor or in a service department of a university or college; tact; ability to cooperate with associates; minimum age eighteen.

Routing Dispatcher I

DEFINITION: Under immediate supervision, to assist in the dispatching of craftsmen for routine maintenance, repair, and/or alteration work on University buildings and grounds.

DUTIES BY EXAMPLE: To receive and dispatch to the appropriate staff and/or craft, information relating to requests for service or needed repairs; type work orders and answer inquiries relative to such work; assist in the maintenance of job order records; perform related duties as assigned.

QUALIFICATIONS: High school graduation; training in typing; some knowledge of craft jurisdiction and building trades terminology preferable; high clerical aptitude; tact; ability to cooperate with associates; minimum age sixteen.

Optical Dispenser

DEFINITION: Under supervision of the Chief Ophthalmologist, to be in charge of the Optical Dispensary.

DUTIES BY EXAMPLE: To be in charge of the dispensing of glasses; to supervise employees assigned to this unit; supervise the residents in Ophthalmology in the dispensing of glasses; keep records; give assistance in problems relating to refraction and various optical instruments to members of the department of Ophthalmology; have custody of supplies and equipment; keep inventory; prepare reports; perform related duties as assigned.

QUALIFICATIONS: High school graduation; at least three years of post-high school education with special emphasis on physical optics; at least one year of practical experience in optical dispensing; supervisory ability; minimum age twenty-three.

Senior Accelerator Engineer

DEFINITION: Under general supervision of research staff, but with a great degree of direct responsibility, to operate and maintain high-energy accelerators.

DUTIES BY EXAMPLE: Assist research staff in setting up and performing experiments; schedule operating personnel; maintain the accelerators; make changes and adjustments as are necessary; under direction of physicists, be responsible for rebuilding and making modifications as need requires; build, or supervise the building of, such auxiliary research apparatus as cloud chambers and analyzer magnets; assist in solving major design problems relating to nuclear physics.

QUALIFICATIONS: University graduation with degree in engineering, preferably in physics or electrical engineering; at least three years' experience in electronics or physics; ability to formulate high standards of workmanship and materials; thoroughness; ability to organize, assign, and direct work; accuracy; resourcefulness; good judgment; good physical condition; minimum age twenty-five.

Junior Accelerator Engineer

DEFINITION: Under supervision of Senior Accelerator Engineer, to assist in the operation and maintenance of an accelerator.

DUTIES BY EXAMPLE: Under the direction of the Senior Accelerator Engineer, to assist research staff in setting up and performing experiments; schedule operating personnel; maintain the accelerators; make changes and adjustments as are neces-

sary; under direction of physicists responsible for rebuilding and making modifications as need requires; build or supervise the building of such auxiliary research apparatus as cloud chambers and analyzer magnets; assist in solving major design problems relating to nuclear physics.

QUALIFICATIONS: University graduation with degree in engineering, preferably in physics or electrical engineering, or an equivalent amount of practical experience; alertness; some degree of manual skills; working knowledge of electronics; good judgement; good physical condition; minimum age twenty-two.

Electronics Engineer

DEFINITION: Under administrative supervision, to plan, develop, and test new types of electronic circuits of advanced design for use in nuclear physics or other specialized fields.

DUTIES BY EXAMPLE: To suggest and develop new or improved circuit designs required in instrumentation for research; be in charge of the electronics shop; supervise circuit development and construction work by electronics technicians; instruct electronics technicians in circuit design and use of specialized electronic instruments; consult with senior staff on design of equipment for use in their research problems; be responsible for maintenance and repair by the electronics shop of electronic circuits and equipment used in research.

QUALIFICATIONS: Bachelor's degree in physics or electrical engineering; master's degree preferred; extensive experience in actual design and construction of electronic equipment such as radio, radar, and scientific electronic equipment; thorough understanding of, and competence in the use of, electronic instruments; good physical condition; dependability; good judgment; minimum age twenty-five.

Assistant Instrument and Efficiency Engineer

DEFINITION: Under the direct supervision of the Instrument and Efficiency Engineer, to perform duties related to the efficient operation of power plant equipment.

DUTIES BY EXAMPLE: To collect and tabulate daily power plant reports; to take and compile meter readings of steam, gas, and electrical consumption of buildings on the Urbana campus; to compute and record the steam, gas, and electrical consumption of such buildings; to prepare graphs and charts of operating data; assist the Instrument and Efficiency Engineer in efficiency tests for power plant equipment such as boilers, turbines, pumps, and dust collector system; do coal sampling, preparation, and tests; make coal storage temperature tests and records; perform related duties as assigned.

QUALIFICATIONS: High school graduation and two years of experience on tests and efficiency work in a power plant having operating steam pressure of 200 pounds per square inch or higher; specialized education in combustion engineering may be substituted for one year of experience on tests and efficiency work; graduation from a recognized college or university in mechanical engineering desirable; general knowledge of power plant instruments and of methods and procedures to make combustion and efficiency calculations; good health; minimum age twenty-one.

Maid Forelady

DEFINITION: Under direction, to supervise a group of custodial employees and to perform domestic duties.

DUTIES BY EXAMPLE: To assign specific custodial duties; check time cards and attendance records of employees; inspect work; train employees in proper methods and procedures in cleaning; assist in emergency where help is needed for cleaning; lock and unlock doors and buildings as directed; assist in supervision of linen and sewing ladies as directed; supervise preparation for special events; perform related domestic duties.

QUALIFICATIONS: High school graduation preferred; at least three years of janitorial experience; experience in a custodial supervisory capacity preferred; good physical condition; dependability; tact; integrity; ability to handle women and to instruct them as directed; minimum age twenty-five.

Bookbindery Foreman

DEFINITION: Under direction of Superintendent of Print Shop, to supervise and be immediately responsible for the work of skilled tradesmen in the Print Shop bindery.

DUTIES BY EXAMPLE: To supervise and manage the work of Print Shop bindery; train and instruct bindery assistants and apprentices; perform skilled work of trade; check time and materials; maintain machinery; plan work of department; supervise its execution and assume responsibility for timely delivery.

QUALIFICATIONS: High school graduation; at least seven years' experience in designated trade or craft; ability to lead and supervise bindery employees; good physical condition; good judgment; minimum age twenty-eight.

Cylinder Press Room Foreman

DEFINITION: Under direction of Superintendent of Print Shop, to supervise and be immediately responsible for the work of skilled tradesmen in cylinder press room.

DUTIES BY EXAMPLE: To supervise and manage the work of the cylinder press room; maintain printing presses and other press room equipment; train and instruct apprentices; check time and materials; plan work of department and check its quantity and quality.

QUALIFICATIONS: High school graduation; at least seven years' experience in designated trade or craft; ability to lead and supervise men; good physical condition; good judgment; minimum age twenty-eight.

Job Press Room Foreman

DEFINITION: Under direction of Superintendent of Print Shop, to supervise and be immediately responsible for the work of skilled tradesmen employed in job press work.

DUTIES BY EXAMPLE: To supervise and manage the work of the job press room; maintain printing presses and other press room equipment; train and instruct apprentices; check time and materials; plan work of department and check its quantity and quality.

QUALIFICATIONS: High school graduation; at least seven years' experience in designated trade or craft; ability to lead and supervise men; good physical condition; good judgment; minimum age twenty-eight.

Landscape Gardener

DEFINITION: Under supervision, to perform technical duties involving skill and experience in landscape design.

DUTIES BY EXAMPLE: To take field measurements, and prepare working drawings and estimates for landscape plantings, including site improvements and garden design; make field lay-out from planting plans and/or specifications, and supervise installation of plants; make arrangements for, and supervise installation of palms, ferns, and flowers required for public functions; maintain inventory records required in connection with the operation of University nurseries; perform related duties as assigned.

QUALIFICATIONS: High school graduation; special training in landscape architecture, with at least three years of experience in landscape design and drafting work; University education in landscape architecture may be substituted year for year for experience up to a maximum of two years; ability to perform site improvement drafting work and detailed planting plans; knowledge of the characteristics and arrangement of flowers and materials required for indoor and outdoor floral arrangements; accuracy, thoroughness; pleasant personality; minimum age twenty-three.

Routevan Helper

DEFINITION: Under general supervision of a receiving station supervisor, and direct supervision of a driver, to assist in loading and unloading trucks for route deliveries from a central receiving station.

DUTIES BY EXAMPLE: To assist drivers in the general distribution of materials for truck route deliveries; load trucks at beginning of trip and unload when trip is finished; run deliveries from truck to departmental location or warehouse as directed; obtain receipts; record any shortages or breakage on proper forms; and report same upon completion of deliveries; assist with receipt of merchandise at dock; check materials; assist in checking purchase orders; perform related duties as assigned.

QUALIFICATIONS: High school graduation; experience in University Stores preferable; good health; male; minimum age eighteen.

Junior Illustrator

DEFINITION: Under immediate supervision, to make tracings and free-hand drawings for simple duplicating processes, such as mimeographing and multilithing.

DUTIES BY EXAMPLE: To make free-hand drawings and tracings of charts, graphs, maps, and illustrations on mimeograph stencils and multilith masters for use in classroom manuals, programs, newsletters, and bulletins; do some designing and lettering of signs and posters.

QUALIFICATIONS: High school graduation; ability and/or training in art; ability to do lettering; accuracy; minimum age sixteen.

Electrician Laborer

DEFINITION: Under supervision, to clean lighting fixtures and to replace light bulbs and fixture glassware.

DUTIES BY EXAMPLE: To wash fixture glassware and reflectors; replace broken or damaged glassware; replace lamps and fluorescent lamp starters; assist electricians in moving equipment, in cleaning areas, and in miscellaneous duties as assigned.

QUALIFICATIONS: Grade school graduation; good physical condition; ability to climb and work from ladders; initiative and ability to work without direct supervision; presentable appearance; tact; courtesy; good judgment; minimum age eighteen.

Utility Laborer (Chicago)

DEFINITION: Under direction of an Operating Engineer, to perform physical labor in connection with the operation, maintenance, and repair of heating plants and mechanical equipment in buildings.

DUTIES BY EXAMPLE: To perform unskilled labor incidental to, and necessary for, the operation of mechanical equipment, including the cleaning of equipment and equipment areas, such as wiping off equipment, sweeping and mopping of floors, and cleaning of pipes; operate ash and coal handling equipment, move coal, ashes, and supplies; assist in the maintenance of mechanical equipment, such as the cleaning of boilers and condensers; assist in the repair of boilers and mechanical equipment, such as pumps, compressors, fans, etc.; perform related duties as assigned.

QUALIFICATIONS: High school graduation or equivalent; good physical condition; working knowledge of tools and equipment; sufficient mechanical aptitude to assist in repairing equipment; dependability; willingness to perform duties as directed; minimum age eighteen.

Model Maker

DEFINITION: Under general direction, to do precision work requiring a high degree of mechanical, construction, and electrical skill in the development of scientific equipment, and to supervise employees of lower rank.

DUTIES BY EXAMPLE: Make complete full-scale working models of electrical devices for purposes of research; develop, design, and build experimental equipment requiring the use of precision instruments; perform skilled mechanical work of fine tolerances; repair, adjust, and regulate scientific instruments; calibrate instruments to coincide with standards; construct from blueprints and written specifications; skillfully use all machinists' hand tools, including those of micro-measurement; perform lathe work with precision tolerances; shape metal parts to precision dimensions; perform work in the constructional phases of two digital computing, or other related machines, electronic chassis lay-out, and other related functions; exercise technical supervision of laboratory employees, electronic technicians, and other skilled personnel; perform related specialized skills as required.

QUALIFICATIONS: High school graduation; additional technical training desirable; extensive experience in specialized use of machine and instrument tools requiring precision dimensions; specialized knowledge of constructional phases of models; at least five years' experience in the design and construction of precision instruments; complete knowledge of shop mathematics, of all machinists' tools, including calipers, micrometers, and gauges; supervisory and administrative ability; resourcefulness; good judgment; minimum age twenty-five.

Creamery Manager

DEFINITION: Under administrative direction, to be responsible for the efficient management of creamery operations.

DUTIES BY EXAMPLE: To plan, schedule, and supervise work of creamery employees; determine supply needs; plan and schedule operations in accordance with supply and demand for processed dairy products, in accordance with research activities of faculty and students, and in accordance with needs of dairy technology courses; maintain high standards of plant sanitation; care for and maintain all creamery equipment, including refrigeration plant; operate and instruct others in the operation of mechanical refrigeration equipment; perform and instruct others in the performance of all operations connected with butter making, ice cream production, and cheese manufacture; operate equipment used in making standard tests of dairy products; confer with dairy plant managers and operators, as well as other visitors, on operating and equipment problems.

QUALIFICATIONS: University graduation, with major in dairy technology, preferable; educational qualifications may be offset by experience in dairy manufacturing substituted year for year up to a maximum of four years; five years' experience in the manufacture of dairy products; knowledge of operation of mechanical refrigeration equipment, of processes involved in the production of butter, ice cream, and cheese, and of equipment used in standard tests on dairy products, essential; certification by University Health officer as food handler; male; minimum age twenty-six.

Tool and Instrument Mechanic

DEFINITION: Under supervision of a foreman, to perform work requiring machinist skill developed to a high degree.

DUTIES BY EXAMPLE: To perform skilled work as a machinist; install, repair, construct, develop, and calibrate a variety of machine shop tools, dies, jigs, gauges, instruments, gears, fixtures, and perform difficult machine operations on replacement parts; make parts and assemble new equipment as sketched out by others, operate precision instruments; exercise judgment to diagnose trouble, determine necessary repair, tear down and reassemble machines; perform fine instrument work such as required for microscopes, telescopes, and other precision instruments.

QUALIFICATIONS: Grade school education; vocational training desirable; sufficient experience to qualify as a journeyman machinist with minimum of five years of actual work at the trade; elementary knowledge of materials and heat treatment of metals; proficiency in the use of tools and equipment; ability to read and interpret complex drawings, sketches, and diagrams characteristic to machine shops; use shop mathematics, charts, tables and handbook formulas; must have skill to work to close tolerances and to use precision instruments; good physical condition; minimum age twenty-three.

Musician (Navy Pier)

DEFINITION: Under departmental supervision, to accompany classes engaged in rhythm activities and to provide music for student extracurricular functions.

DUTIES BY EXAMPLE: To accompany classes in modern dance, square dancing, and folk dancing; play for dance concerts and other special occasions; practice with instructors for class lessons; select and/or suggest music for concerts and classes.

QUALIFICATIONS: Rapid sight reader of classical music; keen sense of rhythmic timing; ability to accompany an instructor or a class in the required tempo; ability to deal with individuals and groups harmoniously; knowledge of, and training in the use of, classical music libraries.

Placement Officer

DEFINITION: Under administrative direction, but with the exercise of considerable independent judgment, to be responsible for an employment program for student or nonacademic positions.

DUTIES BY EXAMPLE: To interview applicants for employment; assist applicants in filling out application forms; answer questions and supply information regarding University employment policies and requirements; file applications; make reports supplying information on present employees or new applicants as requested; work with Civil Service section in assigning applicants from eligible registers; arrange interviews for applicant with employing official; write letters to references indicated on applications; call applicant on telephone requesting him to report for work or rejecting his application; determine eligibility with regard to education, quality of training and experience, citizenship and other factors if candidates from registers are not available; examine personal identification papers, such as birth certificates

and veteran's preference and naturalization papers; interview job applicants from viewpoint of an employer to ascertain what work is best suited for his particular abilities; make contacts with department heads or employing agency to ascertain requirements of position; become thoroughly acquainted with job classifications, salary ranges, essential elements of the job, position control, future requirements, and condition of the labor market; make studies of employment possibilities; contact employers to sell them services of the personnel office; select applicants best suited to the position and refer them to the employer or department head for consideration and selection; complete necessary follow-up procedures if the person is employed; advise applicants as to type of work for which they are best fitted; occasionally supervise a clerical staff assigned to assist in this work.

QUALIFICATIONS: University graduation, or training and experience which offsets lack of college degree; practical experience in a personnel program desirable; thorough knowledge of interview practices and procedures; administrative ability; tact; integrity; ability to deal effectively and harmoniously with the general public, employers, faculty, and staff; minimum age twenty-one.

Assistant Blueprint Machine Operator

DEFINITION: Under supervision, to assist in blueprinting and in Ozalid positive printing.

DUTIES BY EXAMPLE: To assist in making blueprints; in operating the Ozalid black line machine; in making black line, brown line, blue line and other positive prints on the Ozalid machine.

QUALIFICATIONS: High school graduation; experience in blueprinting preferable; good physical condition; minimum age eighteen.

Bookkeeping Machine Operator II

DEFINITION: Under administrative supervision, to be responsible for the operation of bookkeeping machines and related functions.

DUTIES BY EXAMPLE: To be able to operate, with minimum supervision, bookkeeping machines, typewriters, adding machines, and other machines necessary in an accounting office; to supervise others in the operation of such machines and in procedures relating to accounts; to answer questions from the public as to University accounts; to perform highly technical work required by use of bookkeeping machines; be responsible for the clerical and mechanical duties related to the operation of such machines; make reports; keep records; perform related supervisory work as required.

QUALIFICATIONS: High school graduation; at least two years' experience in the operation of bookkeeping machines; supervisory ability; high clerical aptitude; dexterity as required; minimum age twenty.

Bookkeeping Machine Operator I

DEFINITION: Under supervision, to perform work requiring skill in the operation of standard bookkeeping machines.

DUTIES BY EXAMPLE: Under supervision, to operate bookkeeping machines; prepare material for posting; filing; operate a typewriter; keep records; perform related duties as assigned.

QUALIFICATIONS: High school graduation; special training and proficiency in the operation of bookkeeping machines desirable; high clerical aptitude; manual dexterity; minimum age sixteen.

Duplicating Machine Operator III

DEFINITION: Under supervision, to be responsible for, and to perform, complicated duplicating operations.

DUTIES BY EXAMPLE: To operate duplicating machines such as mimeograph, ditto, multilith, and multigraph; train and supervise subordinates in the proper operation, adjustment, and care of duplicating, paper cutting, folding, and punching machines; make adjustments and repairs to, and operate and care for, said machines; requisition necessary supplies; be responsible for files; perform related duties as assigned.

QUALIFICATIONS: High school graduation; training and proficiency in the operation of duplicating machines; at least one year of experience in operation of duplicating machines; mechanical ability; supervisory ability; good health; minimum age twenty-one.

Duplicating Machine Operator II

DEFINITION: Under supervision, to perform work requiring knowledge and skill in the operation of duplicating machines and in related clerical work.

DUTIES BY EXAMPLE: To operate duplicating machines such as the mimeograph, ditto, multilith, and multigraph, on a volume production basis; operate paper cutting and hole perforating machines; oil, clean, and perform minor repairs on machines and keep them in good working order; keep records; do filing of stencils, plates, cards, etc.; maintain stores and supplies; perform related duties as assigned.

QUALIFICATIONS: High school graduation; training and proficiency in the operation of duplicating machines; at least six months' experience operating duplicating machines; mechanical ability; minimum age eighteen.

Duplicating Machine Operator I

DEFINITION: Under direct supervision, to perform routine clerical work, and to operate, adjust, and care for the simpler types of duplicating machines.

DUTIES BY EXAMPLE: To operate stencil duplicating machines on a volume production basis; file stencils; cut addressograph plates; operate paper cutting and hole perforating machines; clean, oil, and care for machines; store supplies; assemble reproduced pages into single copies of manuals and leaflets; perform related work as assigned.

QUALIFICATIONS: High school graduation; special training and proficiency in the operating of machines desirable but not required; mechanical aptitude; good health; minimum age sixteen.

Assistant Steam Distribution Operator

DEFINITION: Under direct supervision, to assist in the servicing and operation of heating, ventilating, air conditioning, and other mechanical equipment in buildings and on the campus distribution system.

DUTIES BY EXAMPLE: To assist in the servicing and operation, to the extent mechanical aptitude and experience will permit, of building steam supply valves, air-conditioning equipment, ventilating fans, and other mechanical equipment; inspect, service, and operate tunnel piping and allied equipment such as traps, condensate meters, vacuum and condensation pumps, expansion joints, pressure regulating valves, etc.; cleaning, oiling, greasing, and packing equipment; perform related duties as assigned.

QUALIFICATIONS: Grade school education, high school education desirable; high mechanical aptitude; some mechanical experience; good personal appearance; ability to perform duties in public places with a minimum of disturbance; good judgment; tact; dependability; minimum age twenty.

Museum Preparator

DEFINITION: Under the supervision of the head of a department and/or members of the departmental staff, to be responsible for carrying out the plans and details required in the preparation and maintenance of specimens, records, and equipment for a teaching museum.

DUTIES BY EXAMPLE: Preparation and mounting of gross anatomical specimens (special dissections, fetuses, etc.) in museum jars; embedding of gross anatomical specimens (sections of adult and foetal bodies, stained brain sections, corrosion preparations, bones, etc.) in transparent plastics; preparation of cleared (Spalteholz method) specimens; making of corrosion preparation (of circulation, bronchial tree, duct systems, etc.) of vinylite, Wood's metal, etc.; constructing three-dimensional wax models from serial sections of human embryos; repairing museum specimens, demonstrated in the laboratory; labelling and cataloging of specimens; restoring "stained" glass windows in the Anatomy Museum; assisting in preparation and demonstration of special exhibits at scientific meetings; keeping the specimens in the museum cases in their proper order, and making castings of anatomical models in plastic.

QUALIFICATIONS: College degree, or two years' college training in biological sciences and two years' experience in a museum preparatory laboratory; training in medical illustration preferable; initiative; technical aptitude; good health; neat appearance; pleasing personality; minimum age twenty-one.

Recording Stenographer

DEFINITION: Under supervision, and on call, to perform stenographic duties for University departments requiring ability to make and to transcribe verbatim reports and to use mechanical devices in connection with this work.

DUTIES BY EXAMPLE: To take and to transcribe verbatim records of conferences, hearings, interviews, lectures, and speeches, which may involve technical and varied vocabulary; perform stenographic services for University departments as requested; transcribe from tape and wire recorders and from recording disks; perform related duties as assigned.

QUALIFICATIONS: High school graduation; business education preferable; at least three years of stenographic experience, the principal duty of which was to take verbatim dictation involving difficult and varied vocabulary; extensive knowledge of shorthand, stenotype, or other method of taking dictation; ability to take sustained dictation at a high rate of speed; ability to transcribe rapidly and accurately; good health; minimum age twenty-one.

Mechanical Construction Superintendent

DEFINITION: Under administrative supervision, to be responsible for the direction, inspection, and supervision of the work of contractors on major University mechanical construction projects, including power plant, steam distribution, and building heating, ventilating, and refrigeration systems.

DUTIES BY EXAMPLE: To direct, inspect, and supervise work being done by contractors on mechanical installations for new buildings, power plant and steam distribution additions, and on building remodeling projects; direct field performance tests; interpret architects' and engineers' drawings and specifications; act as liaison between contractors, architects, engineers, and the University; maintain progress records and reports of work in process; check, verify, and process contractors' requests for payments; perform related duties as assigned.

QUALIFICATIONS: Extensive and progressive practical experience in responsible charge, including direction, inspection, and supervision of the mechanical equipment installations and heavy masonry erection; University graduation in mechanical engineering preferred; high school graduation acceptable with exceptional practical training and experience in the above work; ability to coordinate work of contractors; thorough knowledge of construction, materials, procedures, and acceptable practices; good physical condition; minimum age thirty.

Personnel Technician

DEFINITION: Under administrative direction, to work with much independence in responsible personnel work, involving special technical and limited supervisory duties.

DUTIES BY EXAMPLE: To prepare examination formats, develop examination questions, perform necessary statistical analyses of examination results; act as monitors in the holding of examinations, assist and supervise in grading of examinations and preparation of registers; assist in position classification studies; make recommendations relating to classification studies or to allocation of individual positions; confer with departmental officials and make independent desk audits in various departments; identify job elements, and analyze the duties of positions into major elements; make organization and methods studies to ascertain the needs of departments for new personnel, reduction of personnel, and reclassification of existing personnel; give advice and assist unit training supervisors with an organized in-service training program; prepare methods for presenting training material in the form of visual aids, manuals, and bulletins; perform various tasks in assembling and preparing examinations, do research in testing, evaluation of quality of experience and training, classification, oral interviews, and rating schedules; do research in unassembled examinations for classifications of higher levels by making studies of standards to be used, methods of evaluating education, training and experience, and establishing necessary rating schedules; perform related work as assigned.

QUALIFICATIONS: University graduation, with training in personnel work desirable; working knowledge of methods and techniques of examination, in-service training, service rating methods, or position classification; working knowledge of institutional organization and the types and essential aspects of a wide variety of positions common in public organization; familiarity with day-to-day departmental operating problems in institutional organization; experience in technical personnel work desirable; good judgment; minimum age twenty-one.

Junior Personnel Technician

DEFINITION: Under administrative direction and supervision to perform one or more phases of personnel operation, such as classification, training, examination analyses, and conducting student tests, in a central or departmental personnel unit.

DUTIES BY EXAMPLE: To perform necessary statistical analyses of examination results; act as monitor in the holding of examinations; assist in grading examinations and the preparation of eligible lists; execute various tasks in assembling and preparing examinations; aid in research projects related to testing; prepare examination material; conduct oral interviews; prepare flow charts; maintain calendar of examinations; refer students and other interested people to the proper counselor for interview relative to vocational guidance; perform related work as assigned.

QUALIFICATIONS: University graduation, with training in personnel work preferable; working knowledge of personnel methods and techniques as required; experience in technical personnel work desirable; ability to deal effectively and harmoniously with the general public, faculty, and staff; minimum age twenty-one.

Cylinder Pressman

DEFINITION: Under the supervision of a foreman, to perform work requiring skill in the operation of a cylinder press.

DUTIES BY EXAMPLE: To perform skilled work in the trade of Cylinder Pressman.

QUALIFICATIONS: High school graduation; vocational training desirable; experience sufficient to qualify as a journeyman with minimum of five years of actual work at the trade; proficiency in the use of tools and equipment; good physical condition; minimum age twenty-three.

Ironworker

The classification of Ironworker is to be added to the trades listed under the specification for Skilled Tradesman.

Monotype (Combination) Operator

DEFINITION: Under the supervision of a foreman, to perform work requiring skill in Monotype (Combination) operation.

DUTIES BY EXAMPLE: To perform skilled work in the trade of Monotype (Combination) Operator.

QUALIFICATIONS: High school graduation; vocational training desirable; experience sufficient to qualify as a journeyman with minimum of five years of actual work at the trade; proficiency in the use of tools and equipment; good physical condition; minimum age twenty-three.

Offset Pressman

DEFINITION: Under the supervision of a foreman, to perform work requiring skill in offset printing.

DUTIES BY EXAMPLE: To perform skilled work in the trade of Offset Pressman.

QUALIFICATIONS: High school graduation; vocational training desirable; experience sufficient to qualify as a journeyman with minimum of five years of actual work at the trade; proficiency in the use of tools and equipment; good physical condition; minimum age twenty-three.

Combination Offset Pressman and Plate Maker

DEFINITION: Under supervision, to perform duties involved in making plates for and operating offset press under 17"x22" make.

DUTIES BY EXAMPLE: To perform skilled work in the trade of Combination Offset Pressman and Plate Maker.

QUALIFICATIONS: High school graduation; vocational training desirable; experience sufficient to qualify as a journeyman with minimum of five years of actual work at the trade; proficiency in the use of tools and equipment; good physical condition; minimum age twenty-three.

Platen Pressman

DEFINITION: Under the supervision of a foreman, to perform work requiring skill in the operation of a platen press.

DUTIES BY EXAMPLE: To perform skilled work in the trade of Platen Pressman.

QUALIFICATIONS: High school graduation; vocational training desirable; experience sufficient to qualify as a journeyman with minimum of five years of actual

work at the trade; proficiency in the use of tools and equipment; good physical condition; minimum age twenty-three.

Waitress

DEFINITION: Under supervision, to be responsible for serving meals.

DUTIES BY EXAMPLE: To set up tables; arrange service stands with needed equipment and supplies; replenish supplies when necessary; study daily menus and be familiar with menu terms and prices; take customer's orders and fill them from the proper serving stations; add checks and make proper collections and change; clear tables and reset them; perform related duties as assigned.

QUALIFICATIONS: Grade school graduation; high school graduation preferable; at least one year of experience as a waitress; ability to pass food handler's examination; minimum age eighteen.

Classifications To Be Deleted

Attendant, Main Desk	Clerk, Supervising Medical Record
Clerk, Senior	Clerk, Ward
Clerk, Junior	Clerk-Stenographer, Supervising
Clerk, Assistant	Director of Occupational Therapy, Clinical
Clerk, Senior Account	Engineer, Assistant Power Plant Mechanical
Clerk, Junior Account	Horticulturist, Park
Clerk, Assistant Account	Laborer, Food Service Utility
Clerk, Senior File	Manager, Food Service (Residence Halls)
Clerk, Junior File	Manager, Food Service Assistant
Clerk, Assistant File	Matron, Assistant
Clerk, Chief Information	Mechanic Helper, Refrigeration
Clerk, Information	Operator, Senior Office Appliance
Clerk, Inventory	Plate Maker, Assistant
Clerk, Mailing	Repairman Helper, Power Plant
Clerk, Junior Operations	Secretary, Senior
Clerk, Senior Record	Supervisor, Intake
Clerk, Junior Record	Supervisor, Office
Clerk, Assistant Record	Supervisor of Occupational Therapy
Clerk, Statistical	Supervisor of Occupational Therapy, Assistant
Clerk, Stock Records	Supervisor of Off-Campus Housing, Assistant
Clerk, Supervising File	

Revised Specifications

Senior Printing Assistant

DEFINITION: Under direction of the Superintendent of Print Shop, to perform duties involving professional knowledge of the printing trade.

DUTIES BY EXAMPLE: To write job tickets; prepare copy and layouts; approve press proofs; handle offset printing jobs; supervise proof room employees; meet and work with persons requesting service from the University Print Shop; handle routine correspondence; perform related duties as assigned.

QUALIFICATIONS: High school graduation; college graduation preferable; five years' print shop experience; ability to typewrite; aptitude for attention to detail; good personality and ability to work with people; clerical aptitude; minimum age twenty-five.

Senior Purchasing Assistant

DEFINITION: Under supervision, to perform responsible duties involved in making University purchases.

DUTIES BY EXAMPLE: To secure quotations; maintain price lists and discount sheets; review quotations; contact departments regarding purchasing problems and needs; maintain commodity lists; interview salesmen as requested; supervise clerical workers; perform related duties concerning the selection of materials and their purchase as assigned.

QUALIFICATIONS: High school graduation; two years of college work, with college graduation desirable; three years of full-time experience in purchasing work; supervisory ability; tact; integrity; pleasing personality; minimum age twenty-five.

Junior Purchasing Assistant

DEFINITION: Under supervision, to assist in the performance of responsible duties involved in making University purchases.

DUTIES BY EXAMPLE: To check requisitions and purchase orders; be responsible for catalog file; assist in securing and reviewing of quotations; assist in maintaining commodity lists, price lists, and discount sheets; contact departments regarding purchasing problems and needs; perform related duties concerning the selection of materials and their purchase as assigned; process invoice vouchers for payment, verifying that prices are in agreement with terms of purchase; apply and/or secure proper credit for any material returned to the vendor; assist in the investigation and clarification of accounts with vendors.

QUALIFICATIONS: High school graduation; two years of college work, with training in business desirable; some experience in purchasing work desirable; full-time experience in purchasing work may be substituted year for year for college training; good judgment; integrity; minimum age twenty-two.

Bookbinding Worker

DEFINITION: Under supervision of a foreman, to perform skilled duties involved in the Print Shop bindery.

DUTIES BY EXAMPLE: To "set up" and operate folding machines; cut paper properly without waste; trim books; compress books; perform manual duties such as check binding, covering, counting, wrapping, packing, inserting, folding and collating books; perform related duties as directed.

QUALIFICATIONS: High school graduation; vocational training desirable; experience sufficient to qualify as a journeyman with minimum of four years of actual work at the trade; proficiency in the use of tools and equipment; good physical condition; minimum age twenty-one.

Chief Clerk

DEFINITION: Under administrative supervision, to assist in administrative responsibilities, as well as in clerical operations, in connection with an administrative or academic unit, exercising original judgment, discrimination, and independent thought.

DUTIES BY EXAMPLE: To be responsible for the operation of an office and supervision of office staff; attend departmental staff meetings; develop and initiate office forms and procedures; suggest ways of improving departmental procedures; assist superior in making decisions on personnel problems; perform minor research or statistical work where required; collect data and prepare final reports, as well as rough drafts; answer correspondence and sign superior's name to same, as well as on forms, requisitions, vouchers, and similar papers; do considerable independent work in budget preparation and in keeping budget accounts; give out authoritative information; relieve immediate superior in handling many personal contacts; counsel and assist students; schedule and arrange appointments and conferences for superior; be responsible for the safety, repair, maintenance, and inventory of departmental equipment, and for the safety and security of departmental records, cash, and valuable documents; perform related duties as assigned.

QUALIFICATIONS: University or college graduation required, unless offset by experience of special value and significance; three years administrative office experience, preferably in a university or college; typing ability desirable; minimum age twenty-three.

Copyholder

DEFINITION: Under direct supervision of Senior Proofreader, to perform routine copyholding duties.

DUTIES BY EXAMPLE: To arrange copy; read copy to proofreader; call out all punctuation marks; call attention to discrepancies in printed copy and original manuscript; follow through original copy word for word; assist in revising and checking proof; perform routine duties as assigned.

QUALIFICATIONS: High school graduation; college training desirable; thorough knowledge of grammar, spelling, and punctuation; clear, well-modulated voice; ability to follow instructions; minimum age eighteen.

Photo-Offset Foreman

DEFINITION: Under direction of Superintendent of Print Shop, to supervise and be immediately responsible for skilled tradesmen engaged in offset printing.

DUTIES BY EXAMPLE: To perform, and to direct others in performing, the various operations of offset printing; be responsible for the care of machines and for work

rooms under his supervision; be responsible for the quality of completed work done under his direction.

QUALIFICATIONS: High school graduation; at least seven years of practical job training required; ability to lead and supervise men; good physical condition; good judgment; minimum age twenty-eight.

Assistant Food Production Manager

DEFINITION: Under supervision, to be responsible for the production and service of food.

DUTIES BY EXAMPLE: To assist in supervising the preparation and service of food; assist in planning of menus; schedule personnel; check, order, and requisition foodstuffs and supplies; keep records of food costs; plan and supervise the general housekeeping and sanitation of the kitchens, dining rooms, and all adjacent areas; at all times be able to substitute for the Food Production Manager or Food Service Manager.

QUALIFICATIONS: High school graduation; at least two years of college training in home economics and several years of experience in kitchen supervision or graduation from an accredited college with a major in home economics and one year of experience in kitchen supervision; supervisory ability; good judgment; good health and physical condition; ability to pass food handler's examination; minimum age twenty-two.

Manager of Photographic Laboratory

DEFINITION: Under supervision of the Dean of Division of Communications, to be responsible for the efficient and financially successful operation of the photographic and blueprinting laboratory.

DUTIES BY EXAMPLE: To plan and supervise the work of all employees of the department; be responsible for all photographic work going through the department including taking of photomicrographs, sound, and silent motion picture photographs; prepare lantern slides; print photographs; supervise receipt of orders and deliveries; be responsible for charges and collections, records, reports, payrolls, and budgets; supervise blueprinting and photostating; perform or supervise highly technical work in photography; be responsible for maintenance of equipment; perform related duties as assigned.

QUALIFICATIONS: High school graduation; thorough knowledge of photography and blueprinting, at least two years of experience in supervision of photographic and blueprinting work; ability to take good pictures with all types of photographic equipment; tact; integrity; good health; ability to deal harmoniously with faculty and staff; minimum age twenty-five.

Steam Distribution Operator

DEFINITION: Under supervision, to service and operate heating, ventilating, air conditioning, and other mechanical equipment in buildings and on the campus distribution system.

DUTIES BY EXAMPLE: To service and operate building steam supply valves, air-conditioning equipment, ventilating fans, and other mechanical equipment; inspect, service, and operate tunnel piping and allied equipment such as traps, condensate meters, vacuum and condensation pumps, expansion joints, pressure regulating valves, etc.; clean, oil, grease, and pack equipment; perform related duties as assigned.

QUALIFICATIONS: Grade school education; high school education desirable; training in operation of mechanical equipment; four years' experience as Assistant Steam Distribution Operator or equivalent; high mechanical aptitude; good physical condition; good personal appearance; ability to perform duties in public places with a minimum of disturbance; good judgment; tact; dependability; minimum age twenty-four.

Assistant Photographer

DEFINITION: Under general supervision, to do independent work requiring skill and training in photography.

DUTIES BY EXAMPLE: To print photographs; make lantern slides; engage in photomicrography of both live and inanimate specimens; act as motion picture cameraman; operate 16 mm. camera for animation; develop and print negative, positive, and reversal 16 mm. films; make studio portraits; assist in photographic

experiments; supervise assistants; perform related duties in the photographic laboratory as directed.

QUALIFICATIONS: High school graduation; thorough knowledge and training in photography; at least three years of experience in photographic work; good physical condition; tact; pleasing personality; minimum age twenty-one.

Senior Proofreader

DEFINITION: Under supervision of Superintendent of Print Shop, to be responsible for and to perform proofreading duties, including supervision of work of Junior Proofreaders and Copyholders.

DUTIES BY EXAMPLE: To supervise the work of Junior Proofreaders and Copyholders; distribute manuscripts to proofreaders; proofread books, pamphlets, and other manuscripts; revise and check page and press proofs; review printer's proof for appearance, style, spacing, and pagination; perform related duties as assigned.

QUALIFICATIONS: High school graduation; college training desirable; at least six years of full-time experience in proofreading; college training accepted year for year up to a maximum of four years in lieu of required experience; thorough knowledge of editorial symbols; accuracy; thorough knowledge of English usage, grammar, and spelling; thoroughness; supervisory ability; minimum age twenty-five.

Junior Proofreader

DEFINITION: Under direction of Senior Proofreader, to perform proofreading work.

DUTIES BY EXAMPLE: To review manuscripts and printed matter for typographical errors; revise and check proofs; mark corrections on page and press proofs; perform related duties as assigned.

QUALIFICATIONS: High school graduation; college training desirable; four years of full-time experience in proofreading work; college training accepted year for year up to three years in lieu of experience required; knowledge of editorial symbols; thorough knowledge of English usage, grammar, and spelling; accuracy; thoroughness; minimum age twenty-one.

Secretary

DEFINITION: Under administrative supervision, to assist in administrative, as well as secretarial responsibilities, in connection with the operation of an administrative or academic unit, exercising original judgment, discrimination, and independent thought.

DUTIES BY EXAMPLE: To be responsible for the operation of an office and supervision of office staff; attend departmental staff meetings; develop and initiate office forms and procedures; suggest ways of improving departmental procedures; assist superior in making decisions on personnel problems; perform minor research or statistical work where required; collect data and prepare final reports, as well as rough drafts; take and transcribe difficult and complex dictation; prepare correspondence and sign superior's name to same, as well as on forms, requisitions, vouchers and similar papers; do considerable independent work in budget preparation and in keeping budget accounts; give out authoritative information; relieve immediate superior in handling many personal contacts; counsel and assist students; schedule and arrange appointments and conferences for superior; be responsible for the safety, repair, maintenance, and inventory of departmental equipment, and for the safety and security of departmental records, cash, and valuable documents; perform related duties as assigned.

QUALIFICATIONS: University or college graduation required unless offset by experience of special value and significance; three years of administrative office and secretarial experience, preferably in a university or college; ability to take dictation at the rate of eighty words per minute, to transcribe complex and semi-technical material at a working rate of speed, and to type at the rate of fifty words per minute; minimum age twenty-three.

Assistant Superintendent of Print Shop

DEFINITION: Under the Superintendent, to assist in the maintenance, operation, and supervision of the Print Shop.

DUTIES BY EXAMPLE: To assist in the general supervision of the entire Print Shop; confer with foremen on printing matters; approve press proofs; assist in

planning of printing jobs, including typographical lay-out, design, printing, and engravings; review printing for quality of workmanship; make preliminary estimate of costs of production on printing work; perform supervisory duties as assigned.

QUALIFICATIONS: High school graduation; at least five years of experience as foreman of a composing room, or ten years of experience in composing room work; thorough knowledge of printing methods of production and printing equipment; competence as a Compositor; ability to operate linotype or monotype desirable; thorough knowledge of book and job printing; ability to lead and supervise; good judgment; tact; ability to deal harmoniously with others; minimum age thirty.

Office Supervisor

DEFINITION: Under administrative supervision, to be responsible for the efficient operation and maintenance of a large and complex centralized office unit.

DUTIES BY EXAMPLE: To be responsible for the operational details of the office; supervise and train office personnel; adapt work schedule to meet all situations; develop and initiate efficient office procedures; perform some minor research or statistical work as required; answer the routine correspondence of the division; collect data and prepare final reports, as well as rough drafts; be responsible for trustworthiness of employees and for the safety, repair, maintenance, and inventory of departmental equipment, for the safety and security of departmental records, cash, and documents; enforce safety regulations; exercise initiative in calling unsafe physical conditions to the attention of the proper authorities; initiate and sign requisitions, vouchers, and payrolls; keep budget accounts, often involving cost accounting; determine procedures of work, flow of work, assignments, coordination, production, and be responsible for quality of work produced; handle personnel problems of staff within unit; give out authoritative information; meet and answer inquiries of faculty, students, and staff; perform related duties as assigned.

QUALIFICATIONS: University or college graduation required, unless offset by experience of special value and significance; five years of office administrative and supervisory experience, preferably in a college or university; minimum age twenty-five.

Tabulating Machine Supervisor

DEFINITION: Under supervision, to be engaged in responsible tabulating operations, and in supervision of such operations, in a central statistical service unit.

DUTIES BY EXAMPLE: To plan varied and difficult clerical, key punching, verifying, and tabulating operations; determine personnel and equipment requirements and plan operations necessary to perform assigned tabulating functions; instruct and train subordinates in machine operations and work of the unit; prepare or supervise the preparation of unit personnel reports, requisitions for supplies, and equipment; consult with superiors regarding work and functions of unit; develop original and difficult wiring techniques; operate tabulating machines; perform related work as assigned.

QUALIFICATIONS: University graduation, with special training in accounting and/or engineering; experience with tabulating and statistical equipment, preferably one year of which should have been in a college or university; good working knowledge of operation, efficiency, and care of tabulating equipment and of the applications of such equipment to statistical and administrative problems; working knowledge of office procedures and methods; basic knowledge of policies and procedures common to a university or college tabulating unit; ability to design punch card layouts, to operate punch card tabulating equipment, to lay out wiring designs and wire machines for difficult jobs, and to develop procedures and forms for tabulating operations; ability to plan, assign, and supervise the work of others; ability to understand and carry out complex oral and written instructions; personality conducive to dealing harmoniously with faculty and staff; minimum age twenty-five.

Photographic Technician

DEFINITION: Under direct supervision, to do photographic work requiring skill and training in photography.

DUTIES BY EXAMPLE: To print photographs; develop negatives; make lantern slides both $3\frac{3}{4}$ " by 4" and 2" by 2"; assist in photographic experiments; perform related duties in the photographic laboratory as directed.

QUALIFICATIONS: High school graduation; thorough knowledge of and training in photography; at least two years of experience in photographic work desirable; good physical condition; tact; pleasing personality; minimum age twenty-one.

Compositor

DEFINITION: Under the supervision of a foreman, to perform work requiring skill in the trade of Compositor.

DUTIES BY EXAMPLE: To perform skilled work in the trade of Compositor.

QUALIFICATIONS: High school graduation; vocational training desirable; experience sufficient to qualify as a journeyman with minimum of five years of actual work at the trade; proficiency in the use of tools and equipment; good physical condition; minimum age twenty-three.

Linotype Operator

DEFINITION: Under the supervision of a foreman, to perform work requiring skill as a Linotype Operator.

DUTIES BY EXAMPLE: To perform skilled work in the trade of Linotype Operator.

QUALIFICATIONS: High school graduation; vocational training desirable; experience sufficient to qualify as a journeyman with minimum of five years of actual work at the trade; proficiency in the use of tools and equipment; good physical condition; minimum age twenty-three.

Changes and Corrections in Classification Titles

<i>From</i>	<i>To</i>
Attendant, Ward	Attendant, Hospital
Clerk, Senior Operations	Clerk, Operations
Dispatcher, Routing	Dispatcher, Routing, III
Houseman (Chicago Illini Union)	Houseman
Manager, Food Service (Illini Union)	Manager, Food Service
Operator, Power House Relief	Operator, Power Plant Relief
Policeman	Policeman-Guard
Supervisor, Assistant Housing Maintenance	Inspector, Housing Maintenance

Changes in Classification Titles and Revision of Specifications

<i>From</i>	<i>Salary Range</i>	<i>To</i>	<i>Salary Range</i>
Assistant, Laboratory or Research Program	\$300-450	Assistant, Laboratory (or Research Program) Administrative	\$300-450**
Chef, Senior (U)	200-280	Chef II (U)	200-280
(C)	225-315	(C)	275-350
Chef, Junior (U)	175-250	Chef I (U)	175-250
		(C)	225-300
Clerk, Senior Payroll (U)	225-315	Clerk, Payroll, III	225-350
(C)	235-315		
Clerk, Junior Payroll (U)	150-200	Clerk, Payroll, II	185-260
(C)	175-250		
Clerk-Stenographer, Senior (U)	160-225	Clerk-Stenographer III (U)	185-250
(C)	200-280	(C)	200-280
Clerk-Stenographer, Junior (U)	140-175	Clerk-Stenographer II (U)	160-210
(C)	160-225	(C)	170-225
Clerk-Stenographer, Assistant	130-165	Clerk-Stenographer I	145-175
Clerk-Typist, Senior	160-225	Clerk-Typist III	175-235
Clerk-Typist, Junior (U)	140-175	Clerk-Typist II	150-200
(C)	150-200		
Clerk-Typist, Assistant	130-165	Clerk-Typist I	140-170
Operator, Junior Office Appliance	150-200	Operator, Office Appliance, II	150-200**
Operator, Assistant Office Appliance	130-165	Operator, Office Appliance, I	135-165
Operator, Assistant Radio	140-175	Operator, Radio	200-300
Operator, Tabulating Machine, Senior	225-350	Operator, Tabulating Machine, III (U)	225-350
		(C)	275-350*

* Change in title and salary range; no change in specification.

** Change in title and specification; no change in range.

<i>From</i>	<i>Salary Range</i>	<i>To</i>	<i>Salary Range</i>
Operator, Tabulating Machine, Junior.....	175-250	Operator, Tabulating Ma- chine, II (U).....	175-250
		(C).....	250-300*
Operator, Tabulating Machine, Assistant.....	140-175	Operator, Tabulating Ma- chine, I (U).....	150-200*
		(C).....	225-275*
Repairman, Instrument.....	225-315	Mechanic, Power Plant In- strument.....	Prevailing
Supervisor, Dining Room....	175-250†	Supervisor, Food Service....	175-250†**
Supervisor, Creamery.....	265-350	Operator, Creamery.....	265-350**

Laboratory (or Research Program) Administrative Assistant

DEFINITION: Under administrative supervision, to assist with the administration of a laboratory and/or research program, and to perform related work as required.

DUTIES BY EXAMPLE: To supervise the nontechnical aspects of research units, act for the administrator in matters of administrative detail; interview the public; assemble data and prepare administrative reports; assist in the preparation of budgets and control of expenditures; prepare the specifications for requisition of equipment and supplies; assist in the preparation of building alteration and maintenance schedules; inaugurate cost studies and install cost systems; exercise general supervision over office personnel; handle services for the research units; edit proposals, budgets, reports, and publicity stories; confer with, and assist, project heads in the performance of their functions; perform related studies and duties as assigned.

QUALIFICATIONS: Graduation from an accredited university or college with training in the physical sciences and/or business administration; at least two years of business experience; knowledge of administrative methods; integrity; tact; outstanding ability to deal harmoniously with the general public; supervisory ability; minimum age twenty-five.

Chef II

DEFINITION: Under general supervision, to be responsible for the planning, preparation and cooking of foods.

DUTIES BY EXAMPLE: To supervise the work of other employees and be responsible for the planning, preparation, cooking and baking of all types of foods, including meats, vegetables, bakery products and fruits in large quantities; assist with preparation of menus and perform related duties as assigned.

QUALIFICATIONS: Grade school education; high school graduation desirable; broad knowledge of food preparation; successful experience in food establishments; ability to pass food handler's examination; good physical condition; minimum age twenty-five.

Chef I

DEFINITION: Under general supervision, to have charge of the preparation of foods.

DUTIES BY EXAMPLE: To be responsible for the preparation of all types of foods, including the cooking and baking of meats, vegetables, bakery products and fruits in large quantities, and to perform related duties as assigned.

QUALIFICATIONS: Grade school education; high school graduation desirable; several years of experience in the preparation and cooking of food; knowledge and acceptance of good food standards; good physical condition; ability to pass food handler's examination; minimum age twenty-two.

Payroll Clerk III

DEFINITION: Under administrative supervision, to be responsible for the preparation of University payrolls and operation of payroll procedures.

DUTIES BY EXAMPLE: From appointments and notices of employment for staff and related data, to prepare and maintain payroll records; calculate withholding tax,

* Change in title and salary range; no change in specification.

** Change in title and specification; no change in range.

† Meals furnished while on duty without charge.

retirement deductions, and overtime compensation and incorporate into payrolls; verify complete payrolls; disburse pay checks; maintain complete files pertaining to payrolls; furnish University Retirement System with payroll information and reports; answer questions for University staff relating to pay; supervise work of Payroll Clerks I and II.

QUALIFICATIONS: High school graduation, with University training desirable; at least three years' experience in clerical work, two years of which must have been in University payroll work; typing ability; accuracy and aptitude in handling figures; tact and ability to meet people; thoroughness; thorough knowledge of University business and financial procedures; supervisory ability; minimum age twenty-one.

Payroll Clerk II

DEFINITION: Under supervision, to perform responsible work in connection with the preparation of University payrolls and in the maintenance of payroll records.

DUTIES BY EXAMPLE: Assist in the preparation and maintenance of payroll records; verify payrolls for accuracy; calculate withholding tax, retirement deductions, and overtime compensation; assist in making payments in advance for payroll date; maintain files for payroll authorizations, earnings records, time cards, and other related data.

QUALIFICATIONS: High school graduation; typing ability; accuracy and aptitude in handling figures; thoroughness; tact; ability to meet people; at least two years experience in clerical work, one of which must have been in payroll work; minimum age eighteen.

Clerk-Stenographer III

DEFINITION: Under general supervision, to be responsible for the performance of difficult stenographic and complex clerical work, involving the exercise of independent judgment and/or the supervision of clerical or stenographic staff of lower rank.

DUTIES BY EXAMPLE: To take and transcribe difficult dictation, including technical manuscripts, tabulations, statistical data and subject matter requiring exceptional skill and ability; transcribe similar materials from dictating machine; supervise the work of clerical staff of lower rank in the office; be responsible for files, payrolls, and general office routine; compile data for reports; arrange appointments and conferences; give out information as directed; compose routine correspondence; receive callers; operate office and/or duplicating machines as required; prepare materials for mailing; handle cash and other valuables; keep expenditure and income accounts; perform related duties as assigned.

QUALIFICATIONS: High school graduation; business training preferred; at least one year of responsible clerical, typing, and stenographic experience, preferably in a university or college; typing speed forty-five net words per minute; shorthand speed eighty net words per minute; minimum age twenty.

Clerk-Stenographer II

DEFINITION: Under direct supervision, but with some independence, to perform clerical, typing, and stenographic duties.

DUTIES BY EXAMPLE: To take and transcribe dictation; do typing of notes, manuscripts, records, requisitions, vouchers, reports and letters; transcribe from dictating machines; do typing of materials and do cutting of stencils which sometimes involve technical text, tabulations, or foreign languages; compile data and minor statistics; sort, classify, index, insert, and withdraw file letters, records, requisitions, invoices, and subject matter materials; operate office and/or duplicating machines as required; arrange appointments; receive callers; give out information as directed; perform related duties as assigned.

QUALIFICATIONS: High school graduation with special training in typing, shorthand, and clerical work or post-high school business training; one year of stenographic experience preferable; typing speed forty-five net words per minute; shorthand speed eighty net words per minute; minimum age eighteen.

Clerk-Stenographer I

DEFINITION: Under close supervision, to perform routine clerical, stenographic, and typing work.

DUTIES BY EXAMPLE: To take and transcribe dictation; do routine typing of letters, manuscripts, requisitions, vouchers, and forms; transcribe from dictating

machines; open, address, seal, and mail correspondence; file materials as directed; cut stencils; answer telephones; receive callers; give out information as instructed; operate office and/or duplicating machines as required; perform messenger service; perform related duties as assigned.

QUALIFICATIONS: High school graduation, with training in typing, shorthand, and clerical work; typing speed forty net words per minute; shorthand speed seventy net words per minute; minimum age sixteen.

Clerk-Typist III

DEFINITION: Under general supervision, to be responsible for the performance of difficult typing and complex clerical work involving the exercise of independent judgment and/or the supervision of a clerical staff of lower rank.

DUTIES BY EXAMPLE: To transcribe on the typewriter from dictating machines and to type difficult material including technical manuscripts, tabulations, statistical data and subject matter requiring exceptional skill and ability; supervise the work of clerical staff of lower rank in the office; be responsible for files, payrolls, and general office routine; compile data for reports; arrange appointments and conferences; give out information as directed; compose routine correspondence; receive callers; operate office and/or duplicating machines as required; prepare materials for mailing; handle cash and other valuables; keep expenditure and income accounts; perform related duties as assigned.

QUALIFICATIONS: High school graduation; business training preferred; at least one year of responsible clerical and typing experience, preferably in a university or college; typing speed forty-five net words per minute; minimum age twenty.

Clerk-Typist II

DEFINITION: Under direct supervision, but with some independence, to perform clerical and typing duties.

DUTIES BY EXAMPLE: To do typing of notes, manuscripts, records, requisitions, vouchers, reports, and letters; transcribe from dictating machines; do typing of materials and do cutting of stencils which sometimes involve technical text, tabulations, or foreign languages; compile data and minor statistics; sort, classify, index, insert, and withdraw file letters, records, requisitions, invoices, and subject matter material; operate office and/or duplicating machines as required; arrange appointments; receive callers; give out information as directed; perform related duties as assigned.

QUALIFICATIONS: High school graduation with special training in typing and clerical work, or post-high school business training; one year of experience in clerical work preferable; typing speed forty-five net words per minute; minimum age eighteen.

Clerk-Typist I

DEFINITION: Under close supervision, to perform routine clerical and typing work.

DUTIES BY EXAMPLE: To do routine typing of letters, manuscripts, requisitions, vouchers, and forms; transcribe from dictating machines; open, address, seal, and mail correspondence; file materials as directed; cut stencils; answer telephones; receive callers; give out information as instructed; operate office and/or duplicating machines as required; perform messenger service; perform related duties as assigned.

QUALIFICATIONS: High school graduation, with training in typing and clerical work; typing speed forty net words per minute; minimum age sixteen.

Office Appliance Operator II

DEFINITION: Under supervision, to perform work requiring knowledge and skill in the operation of business office machines and in related clerical work.

DUTIES BY EXAMPLE: To operate independently business office machines such as adding, comptometer and calculating, in making original computations or in verifying computations already made; check the accuracy of invoices, vouchers, and voucher schedules for arithmetic accuracy and compliance with departmental or divisional regulations; supervise, instruct, or advise new employees or clerical subordinates in office procedures and in machine operation; maintain necessary files; perform related duties as assigned.

QUALIFICATIONS: High school graduation; at least six months of experience in the operation of business office machines as required; tact; pleasing personality; good health; minimum age eighteen.

Office Appliance Operator I

DEFINITION: Under direct supervision, to perform routine clerical work, and to operate business office machines.

DUTIES BY EXAMPLE: To operate business office machines such as adding, comptometer, and calculating, in making original computations, or in verifying computations already made; enter data on tabulation sheets from questionnaires or other records; do miscellaneous clerical work such as simple posting, arranging, filing, and checking written materials; perform related duties as assigned.

QUALIFICATIONS: High school graduation; training in the operation of office machines as required preferable; minimum age sixteen.

Radio Operator

DEFINITION: Under the Chief Engineer of the Radio Station, to operate and to maintain radio broadcasting equipment.

DUTIES BY EXAMPLE: To operate studio broadcasting equipment; set up and operate remote broadcast equipment; set up and operate tape and disc recording equipment; repair and maintain all such equipment.

QUALIFICATIONS: High school graduation; training and experience in construction and operation of radio broadcasting equipment; mechanical aptitude; reliability; good physical condition; ability to use good judgment; minimum age twenty-one.

Power Plant Instrument Mechanic

DEFINITION: Under the supervision of the Instrument and Efficiency Engineer, to perform duties requiring a high degree of skill in the installation, maintenance, repair and calibration of various power plant instruments.

DUTIES BY EXAMPLE: To repair and adjust indicating, recording, integrating, regulating, and control instruments such as pressure, flow and combustion meters, gauges, and control devices; disconnect inaccurate or damaged instruments and make suitable replacement; disassemble instruments, examine mechanism, clean parts, replace worn or broken parts, assemble instruments, and check them on testing apparatus; calibrate instruments to coincide with established standard; to conduct scheduled inspections of all instruments and make minor adjustments to those not functioning properly; store, repair and maintain in proper operating condition, special testing apparatus such as Orsats, potentiometers, pitot tubes, thermocouples, etc.; to control parts storeroom; to assist power plant mechanics as assigned.

QUALIFICATIONS: High school education or equivalent; considerable experience and skill in the adjustment and maintenance of instruments; good physical condition; dependability; minimum age twenty.

Food Service Supervisor

DEFINITION: Under direction, to perform supervisory duties of a food service operation.

DUTIES BY EXAMPLE: To be in charge of a dining room; train and supervise dining room and kitchen employees; assist in the planning of menus; assist in food preparation; supervise serving of food; arrange work schedules; assist in planning and serving banquets and special functions; be responsible for the general appearance and operation of a dining room; perform related duties as assigned.

QUALIFICATIONS: High school graduation; university graduation in home economics, or experience in quantity food service preferable; minimum age twenty.

Creamery Operator

DEFINITION: Under direct supervision, to carry out assigned duties and responsibilities involved in the operation of a creamery.

DUTIES BY EXAMPLE: To perform the actual duties necessary to maintain creamery equipment in sanitary and good operating condition; operate the refrigeration plant; as directed, to make butter, cheese, and ice cream, pasteurize milk and cream, bottle milk, and keep appropriate plant records of these operations; operate equipment used in making standard tests of dairy products; operate and make indicated changes in adjustment or arrangement of special items of equipment employed in research studies; perform related duties as assigned.

QUALIFICATIONS: University graduation, with major in dairy technology preferred; educational qualifications may be offset by experience in dairy manufacturing substituted year for year up to a maximum of four years; minimum of two years of experience in the manufacture of dairy products during which there has been

substantial practice in the operation of refrigeration equipment, manufacture of butter, ice cream, cheese, pasteurization of milk and cream, and in the conduct of tests on these products; certification by University Health Officer as food handler; male; minimum age twenty-four.

Changes in Salary Ranges of Present Classifications

<i>Position</i>	<i>Previous Salary Range</i>	<i>New Salary Range</i>
Assistant, Editorial.....	\$175-250	\$200-280
Assistant, Junior Personnel.....	160-225	165-235
Assistant to Director of Nursing.....	265-350	280-360
Assistant to Director of Public Information.....	300-450	350-500
Attendant, Linen Room (C).....	160-225	175-250
Attendant, Supply (C).....	175-250	200-275
Bracemaker, Assistant.....	175-200	175-250
Business Manager, McKinley Hospital.....	265-350	275-400
Caretaker, Head Animal (C).....	225-300	275-350
Caretaker, Animal (U).....	175-225	225-275
(C).....	200-275	225-300
Cashier, Food Service (C).....	145-185	150-200
Clerk, Chief.....	225-315	.....
Level I.....	.....	200-315
Level II.....	.....	200-350
Level III.....	.....	200-425
Clerk, Receiving (U).....	150-200	165-235
Copyholder.....	140-175	Prevailing
Director of Nursing, Associate.....	300-450	350-500
Draftsman, Senior Engineering.....	275-400	350-500
Draftsman, Junior Engineering.....	200-280	265-350
Engineer, Aircraft Maintenance.....	350-500	400-650
Engineer, Civil.....	350-500	400-550
Engineer, Power Plant Mechanical.....	350-500	400-650
Engineer, Project.....	300-450	350-500
Engineer, Assistant Radio.....	175-250	225-315
Estimator.....	300-450	350-500
Examiner, Assistant.....	270-375	270-400
Examiner and Recorder, Assistant.....	270-375	270-400
Foreman, Aircraft Shop.....	275-400	300-450
Gardener, Grounds (C).....	Prevailing	250-325
Houseman (U).....	*	160-225
Kitchen Helper (Pier).....	130-175	Prevailing
Manager of Public Information, Assistant.....	225-315	275-400
Nurse, Head (C).....	225-290	225-315
Nurse, Assistant Head.....	210-270	225-290
Nurse, Staff (C).....	200-260	200-275
Nurse, Supervising.....	250-325	275-350
Operator, Blueprint Machine.....	150-225	175-250
Recorder, Assistant.....	270-375	270-400
Secretary (U).....	200-280	.....
(C).....	225-315	.....
Level I.....	.....	200-315
Level II.....	.....	200-350
Level III.....	.....	200-425
Statistician, Junior.....	175-250	200-280
Supervisor, Office.....	225-315	275-425
Superintendent of Print Shop, Assistant.....	300-450	Prevailing
Technician, Junior Electric Instrument and Measurement.....	225-300	250-320
Technician, Photographic.....	160-225	140-225
Visitor, Housing.....	160-225	165-235
Writer, Specifications.....	300-450	350-500

* Previously used in Chicago only.

On motion of Mr. Grange, these changes were approved by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

CHANGES IN REQUIREMENTS FOR ADMISSION TO THE COLLEGE OF ENGINEERING

(6) The University Senate has approved a recommendation from the College of Engineering faculty for an increase in the admission requirements in mathematics from the present requirements of three units to four units, effective September 1, 1953. The new requirements would be: algebra, two units; plane geometry, one unit; solid geometry, one-half unit; and trigonometry, one-half unit.

Students who have only one unit in algebra and one unit in geometry, and who meet all other entrance requirements, may be admitted to the College on condition that the deficiencies be removed during the first year of residence. Students admitted under this provision can not expect to complete the requirements for the bachelor's degree in Engineering in eight semesters.

As an alternative to the above, students who do not submit four units in the specified subjects, and who meet all other entrance requirements, may be admitted to full standing by passing proficiency examinations which will indicate that their preparation is adequate for entrance to analytical geometry.

I concur.

On motion of Mr. Megran, these changes in admission requirements were approved.

DEGREE OF DOCTOR OF EDUCATION IN MUSIC EDUCATION

(7) The University Senate has approved a recommendation from the faculties of the College of Education and the School of Music, the Executive Faculty of the Graduate College concurring therein, that there be established a graduate program for a major in Music Education leading to the degree of Doctor of Education. This is not to be a new degree but a major field of specialization under the existing degree program.

I concur.

On motion of Mrs. Holt, this program was approved.

CHANGES IN THE CURRICULUM IN LAW

(8) The University Senate has approved the recommendation from the faculty of the College of Law that:

Beginning with September 1, 1952, all applicants for admission to the College of Law as candidates for the degree of Bachelor of Laws (LL.B.) shall have attained senior standing in a college of the University of Illinois or a college approved by the University, and have achieved a grade average of 3.5 in all college work taken. These are the present requirements for admission to the three-year program. These then become the requirements for admission of all students in the College of Law.

Beginning with September 1, 1952, all students who enter the College of Law as candidates for the degree of Bachelor of Laws (LL.B.) shall, as conditions to receiving that degree, have studied law in residence for a minimum period of six semesters and *the equivalent of* one eight-week summer term, and have obtained ninety-two hours of law credit with an average grade of at least 3.0 in all credits secured in law courses taken in this University. These changes increase the credit-hour requirement from eighty-four to ninety-two, and the residence requirement from six semesters to six semesters plus *the equivalent of* an eight-week summer term.

The present four-year curriculum in law be discontinued after October 15, 1951.

I concur.

On motion of Mr. Nickell, this recommendation was approved as amended by the insertion of the words "the equivalent of" as printed in italics above.

EDWARD L. RYERSON TRAVELING FELLOWSHIPS IN ARCHITECTURE AND LANDSCAPE ARCHITECTURE

(9) The University has a fund given to it by Mr. Edward L. Ryerson of Chicago for the awarding of the Edward L. Ryerson fellowships in Architecture and Landscape Architecture under conditions to be determined by the Board of Trustees. I submit for approval by the Board of Trustees, and with my concurrence, regulations drafted by the Departments of Architecture and Landscape Architecture governing awards of these fellowships. Copies of these regulations are hereby given to the Secretary of the Board for record.

On motion of Mr. Herrick, these regulations were approved.

FEES FOR EXAMINATIONS IN HIGH SCHOOL AND COLLEGE SUBJECTS

(10) The University offers each year four sets of examinations in high school and college subjects. They are given in Chicago. These examinations were established in 1917 on request of the Board of Law Examiners to provide prospective candidates for admission to the bar who are unable to attend accredited institutions a means of complying with the educational qualifications preliminary to the study of law as prescribed by the Supreme Court of Illinois. Fees are charged candidates taking these examinations to cover the cost.

The present rate charged for these examinations is \$2.50 per high school unit or college subject. Because of increased costs and a decline in the number of candidates taking the examinations, there has been a deficit in this operation during the current fiscal year. This will be offset by an assignment to the entrance examination account of funds from a balance from operations of previous years. However, to provide adequate income so that the examinations may continue to be self-supporting on an annual basis, the Director of Admissions and Records recommends that the charge be increased from the present \$2.50 to \$4.00 for each high school unit or college subject, this change to become effective September 1, 1951.

I concur.

On motion of Mr. Fornof, this change in fee was approved.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(11) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

1. Fire protection equipment for Robert Allerton Park.....	\$ 6 600
2. Equipment for the Department of Bacteriology.....	5 000
3. Equipment and supplies for the College of Commerce and Business Administration.....	4 000
4. Repairs and costs of packing, boxing, and shipping in connection with the acquisition of a TV transmitter from the General Electric Company for the Division of Communications.....	9 500
5. Remodeling and equipment for the Department of Art.....	3 000
6. Calculating machines for the Department of Mathematics.....	3 500
7. Research equipment for the Department of Mining and Metallurgical Engineering, College of Engineering.....	19 000
8. Establishment of a service laboratory for metallography in the Department of Mining and Metallurgical Engineering.....	14 000
9. Equipment for the Department of Zoology.....	7 500
10. Bookstacks for the Library at the Chicago Undergraduate Division....	4 000

I recommend that these appropriations be made from the General Reserve Fund.

On motion of Mr. Johnston, these appropriations were made from the 1950-1951 General Reserve to the extent that funds are available therein and the remainder from the General Reserve for 1951-1952, all appropriations to be available until June 30, 1952. The vote on this motion was: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

**CONTRACTS FOR CONSTRUCTION OF ADDITIONS TO
STUDENT RESIDENCE HALLS AT URBANA**

(12) The Board of Trustees authorized the employment of architects for the preparation of plans and specifications for the expansion of residence halls on the Urbana campus. The program has been developed in two phases:

Phase I (Based on bids received)

Construction of a dormitory type permanent residence hall for 288 men.....	\$615 000
Modernization in Busey Hall (for women).....	15 000
<i>Sub-total, Phase I</i>	\$ 630 000

Phase II (Estimated)

Construction of new unit providing food service for 1,000 men and housing for 96 men.....	767 500
Converting food service area in present men's halls to housing for 76 men.....	35 200
Modernization of Evans Hall (for women).....	10 000
Refinancing present Men's Residence Halls bonds.....	260 100
<i>Sub-total, Phase II</i>	1 072 800
<i>Total</i>	\$1 702 800

To proceed with the first phase will require an appropriation from the General Reserve of \$223,000. Combined with a previous appropriation of \$27,000 for architectural work, this sum will provide an equity of \$250,000. Funds are available for this appropriation. The remaining \$380,000 is to be borrowed by a revenue bond issue. The Comptroller has investigated the market and believes there will be no difficulty in selling such bonds when the money is needed.

Plans for the second phase are nearing completion and bids will be received on September 1, 1951. The entire program will require a bond issue of \$1,500,000, including refunding of the present indebtedness on the Men's Residence Halls of \$260,100. This will be presented to the Board when bids have been received.

In the meantime, it is desirable to proceed with the first phase.

A request has been filed with the National Production Agency for "Authority to Begin Construction" on the first phase. The architects believe that such authority can be obtained and the necessary materials procured.

The Director of the Physical Plant and the Comptroller recommend award of contracts to the lowest bidders as follows, subject to receipt of authority to begin construction:

General work—John Felmley Company, Urbana.....	\$331 900
Heating, ventilating, and plumbing work—W. T. Mahoney and Sons, Chicago.....	94 837
Electrical work—Leverenz Electric Company, Danville.....	49 877

It is also recommended that Sargent and Lundy, Engineers, Chicago, be engaged, as an addition to their present contract for engineering services on the utilities distribution system, to design the necessary steam service connections at an estimated cost of \$1,100.

I concur and recommend that: (1) the Comptroller and Secretary of the Board of Trustees be authorized to execute the contracts as recommended; (2) an appropriation of \$223,000 be made from the General Reserve; (3) the Comptroller be authorized to secure bids on the revenue bonds and report the same to the Board; (4) Chapman and Cutler be employed as attorneys for the bond issue.

On motion of Mrs. Watkins, these contracts were awarded and authority was given as recommended, and an appropriation of \$223,000 was made from the General Reserve for 1950-1951 to the extent that funds are available therein and the remainder from the General Reserve for 1951-1952, this appropriation to be available until June 30, 1952. The vote on this motion was: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

**CONTRACT WITH MEDICAL CENTER STEAM COMPANY FOR
OPERATION OF STEAM HEATING PLANT FOR
CHICAGO PROFESSIONAL COLLEGES**

(13) The University has a contract with the Medical Center Steam Company for the construction and operation of a central steam heating plant and distribution system to serve University buildings and those of other institutions in the Medical Center District.

In setting up the operation of the plant, the Medical Center Steam Company has encountered difficulties due to differences in the terms and conditions of employment of University personnel and employees in other power plants. In addition, wage rates proposed for the Medical Center Steam Company plant are higher than rates paid by the Commonwealth Edison Company and this would ultimately affect the latter's wage negotiations.

The Medical Center Steam Company has suggested that the University operate the plant. The Company will assume the responsibility for completion of the construction and for operation of the plant until all operating problems resulting from construction are solved. This arrangement would have the further advantage of simplifying the University's supervision of the operation and may strengthen the University's position in claiming tax exemption of the plant from property taxes.

The Director of the Physical Plant and the Comptroller recommend that a contract be entered into with the Medical Center Steam Company whereby the University will take over the operation and maintenance of the plant.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Grange, this contract was authorized.

CONTRACT FOR ERECTION OF STORAGE BUILDING

(14) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$1,379 to Aluminum Sales Products, Champaign, the lowest bidder, for the erection of an aluminum storage building approximately 400 square feet in area including construction of a concrete floor. This building will be erected north of the Sanitary Engineering Laboratory and will be used by the Department of Civil Engineering for storage of equipment and supplies.

Funds are available in the current budget of the Physical Plant Department.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Hickman, this contract was authorized.

**CONTRACT FOR ENGINEERING SERVICES ON REMODELING
OF QUARTERS FOR PHYSICAL MEDICINE**

(15) The Director of the Physical Plant and the Comptroller recommend that the engineering firm of Samuel R. Lewis and Associates, Chicago, be employed to prepare plans and specifications for remodeling and air conditioning in the hydrotherapy pool quarters of the Department of Physical Medicine, College of Medicine, and for supervision of the remodeling work.

This firm has offered to provide the necessary engineering and supervisory services for a fee of 10 per cent of the contract price of the remodeling, but not to exceed \$2,000, 60 per cent of the fee to be paid when plans are accepted and the balance in installments proportional to payments to contractors during the course of the remodeling work. It is estimated that the preparation of plans and specifications will cost approximately \$1,500 and there will be no further payment under this contract unless remodeling is undertaken.

Funds are available in the Physical Plant Department budget.

I recommend that the Comptroller and the Secretary of the Board be authorized to execute a contract with Samuel R. Lewis and Associates in accordance with the terms stated above.

On motion of Mr. Megran, this contract was authorized.

LEASE OF QUARTERS IN LASALLE HOTEL FOR ILLINI CENTER

(16) The University leases quarters in the LaSalle Hotel for the Illini Center. The first lease was for two years ending June 30, 1949, with the right of the University

to renew for three successive two-year periods and with the right reserved by the lessor to require an adjustment in rental on the occasion of each renewal.

The rent paid during 1949-1950 was \$5,400 and during 1950-1951, \$6,000. The hotel requests a rental of \$6,900 per year for the period of 1951-1953. The present rental is \$2.00 per square foot and the proposed rental, \$2.30 per square foot. The rent is reasonable in comparison with other leases of space of that kind in Chicago.

I recommend that the Comptroller be authorized to extend this lease for two years ending June 30, 1953, at a rental of \$6,900 per year.

On motion of Mrs. Holt, extension of this lease on the terms recommended was authorized.

ADDITION TO CONTRACT FOR CONSTRUCTION OF PARKING LOT

(17) On November 24, 1950, the Board of Trustees approved an addition to the contract with the Champaign Asphalt Company for an entrance way from Goodwin Avenue to the Green Street parking lot. This entrance was through the property of 202 South Goodwin Avenue. Later it was determined that the house at this location should be removed and this has made it possible to construct parking spaces for thirty-eight cars. On January 23, 1951, the Board of Trustees made an appropriation for these additional parking facilities.

The Director of the Physical Plant and the Comptroller recommend an increase in the contract with the Champaign Asphalt Company in the amount of \$1,855.75 to provide for the additional work.

I concur.

On motion of Mr. Fornof, this increase in the contract was authorized.

GRANT FROM W. K. KELLOGG FOUNDATION

(18) The W. K. Kellogg Foundation of Battle Creek, Michigan, has approved a grant of \$245,350, payable to the University of Illinois in installments over a five-year period, in support of a project to strengthen educational broadcasting at the University of Illinois and at other universities which have educational radio stations. The proposal for this grant was submitted by Dean Wilbur Schramm on behalf of the National Association of Educational Broadcasters. Headquarters of the project will be at the University of Illinois which is the center of the NAEB tape network. This network serves as a clearing house for exchanges of recorded programs among educational broadcasting stations. It also will produce original programs for distribution.

The grant will make it possible for the University to buy much-needed equipment and will contribute substantially to the operating costs of the network. Funds will be available for employment of a project director and other personnel, for annual educational seminars (to be held at Robert Allerton Park), for fellowships and conferences, and for research on educational broadcasting.

Having accepted the grant, I request confirmation of this action.

On motion of Mr. Johnston, the action of the President was confirmed.

RELEASE OF POTENTIALLY PATENTABLE DISCOVERY

(19) Director Mark H. Hindsley of the University Bands has invented a device which can be incorporated into wind instruments for correcting intonation difficulties while the instruments are being played. He did this at his own expense and on his own time. In view of this, it is recommended that the discovery be released to him for patenting in his own right if he so desires.

On motion of Mr. Herrick, this recommendation was approved.

OFFER OF GIFT OF TELEVISION TRANSMITTER FROM GENERAL ELECTRIC

(20) The General Electric Company has formally offered to donate to the University a high-channel television transmitter valued at \$90,000. This will require an expenditure of \$9,500 by the University for repairs, costs of packing and shipping. A special appropriation is being recommended separately for this.

Negotiations for this acquisition have been carried on by Dean William L.

Everitt of the College of Engineering and Dean Wilbur Schramm of the Division of Communications.

I recommend that this offer be accepted, with appropriate acknowledgment to the General Electric Company.

On motion of Mrs. Watkins, this offer was accepted.

ESTATE OF ALBERT BELLAMY

(21) On September 29, 1950, a report was rendered to the Board on the bequest of Mr. Albert Bellamy, a graduate of the University in 1881, who died January 13, 1948.

There has now been received from the Executor of the Estate an additional sum of \$5,099.21 as the final distribution, with the result that the total amount received by the University under such bequest is \$60,961.30.

The section of the will relating to the use of the bequest is not specific, merely providing that it is to be used "in assisting needy students to acquire an education."

The use of these funds has been considered by the Chairman of the Committee on Special Undergraduate Scholarships, the Comptroller, and the Assistant to the Legal Counsel, and it is the opinion of these officers that it is entirely proper and desirable that the principal of this bequest be held intact, to function as an endowment fund, and that the income be used for undergraduate scholarships, to be administered by the University committee established for this purpose. Such proposed use of the bequest has been presented to the Administrator *de bonis non* with the will annexed who is the son of the Executor appointed in the will and he states that from conversations with his father he knows the purposes of Mr. Bellamy in respect to this bequest and he believes the proposed use of the fund meets those purposes. Therefore, the Chairman of the Committee on Special Undergraduate Scholarships and the Comptroller recommend that the principal and income of this fund be held and used in this manner.

I concur.

On motion of Mr. Grange, the plan recommended for the use of these funds was approved.

PURCHASES

Purchases Authorized

(22) The following purchases were authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 28-ft. dual wheel trailer to be used to exhibit seed displays in extension work	Agronomy	Platt Trailer Co., Inc., Elkhart, Ind.	\$2 110 67 f.o.b. Elkhart, Ind.
One 1951 panel truck, ½ ton, complete with four-speed transmission, heater and defroster, directional turn indicators, extra auxiliary seat and spare tire, for Department of Geology field trips	Physical Plant	Sullivan Chevrolet Co., Champaign	1 589 36

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
50 ft. 0.050" platinum 20% rhodium furnace wire	Ceramic Engineering	Baker & Co., Inc., Chicago	\$1 527 05 net
25 ft. 0.020" platinum C.P. thermocouple wire			f.o.b. Newark, N.J.
25 ft. 0.020" platinum 10% rhodium thermocouple wire			
Six each platinum 10% rhodium crucibles 30 c.c. capacity, standard form without lid			
Less trade-in allowance of 200 grams scrap platinum			
One fume hood, 7'2" long x 7'2½" high x 4'6" wide, with base made of carbon steel, superstructure of aluminum and table top of stainless steel	Chemistry	Walrus Manufacturing Co., Decatur	2 637 86 delivered and installed

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Two Korok silos 10' x 20' with roof, chute, ladder, and concrete foundation to be erected at Dairy Farm	Dairy Science	Independent Silo Co., Carlville	2 305 64 delivered and erected
Brass and copper tubing, sheets, and rods	Physics	C. H. Besly & Co., Chicago	3 892 70 f.o.b. delivered
Three No. 52 Castle Safelites for Animal Hospital operating rooms	Animal Hospital, Chicago Professional Colleges	A. S. Aloe & Co., Chicago	1 093 95 f.o.b. delivered
600 (approximately) cases of Pyrex laboratory glassware to be used by the Chicago Colleges and Divisions in 1951-1952	Chicago Colleges and Divisions	Arthur S. LaPine & Co., Chicago Central Scientific Co., Chicago Chicago Apparatus Co., Chicago E. H. Sargent & Co., Chicago A. S. Aloe & Co., Chicago Schaar & Co., Chicago	2 000 00 2 000 00 2 000 00 2 000 00 2 000 00 2 000 00 (12 000 00)
One Monel metal washer, 42" x 36", delivered and set in on foundation in the Physical Plant Laundry, 835 S. Wolcott Street, less allowance on old (10-yr.) 42" x 36" Hoffman washer	Physical Plant, Chicago Professional Colleges	Troy Laundry Machinery Division, American Machine & Metals, Inc., East Moline	2 950 00 net delivered
Rental of musical recordings for broadcasting, including index and file cases, for two years beginning July 1, 1951	Radio Station	Muzak Corp., New York City, N.Y.	2 700 00 (payable 112.50 per month)
3,000 copies of <i>Miracle of Growth</i> to be bound in cloth	University Press	R. R. Donnelley & Sons, Chicago	1 899 00 f.o.b. Urbana
2,950 copies of Engineering Experiment Station Bulletin No. 396 <i>Studies of Slab and Beam Highway Bridges</i>	Engineering Experiment Station	Waverly Press, Inc., Baltimore, Md.	1 128 03 (esti- mate)
20,862 lbs. newsprint paper	Alumni Association	The News-Gazette, Champaign	1 911 38
Bituminous resurfacing of University Airport parking area	Institute of Aviation	Illiana Construction Co., Urbana	1 084 50
200 tablet arm chairs, metal frame with wood seat, back, and arm	Physical Plant	Blackwell Wielandy, St. Louis, Mo.	1 896 00 f.o.b. Urbana
85% magnesia pipe covering: 4320 ft. 1/2" 270 ft. 3" 720 ft. 4" 72 ft. 5" 48 ft. 6"	Physical Plant	Standard Asbestos Manu- facturing Co., Chicago	1 592 70 f.o.b. delivered
700 (approximately) uniforms for ground forces R.O.T.C. advanced students	Military	Associated Military Stores, Chicago	87 600 00 (approx- imate)
300 (approximately) uniforms for Air Force R.O.T.C. advanced students			
Contract for laundry service for various departments for two years beginning July 1, 1951	All departments requiring laundry service	Model Laundry, Champaign White Line Laundry, Champaign	40 000 00 (esti- mate)
Incandescent and fluorescent lamps to be ordered by the Urbana campus and Chicago branches during the year July 1, 1951, to June 30, 1952 (estimated on \$40,000 list value)	Physical Plant Storeroom	Tepper Electric Supply Co., Champaign (distributor of Champion lamps)	21 760 00 (esti- mate)
5,000 tons (approximate) screenings coal to be delivered to Abbott Power Plant from June 15 to July 31, 1951	Physical Plant	Bell & Zoller Coal Co., Chicago Republic Coal & Coke Co., Chicago	11 225 00 11 850 00 (23 075 00)
Binding of books and magazines for the University libraries at Urbana, Chicago Professional Colleges, and Chicago Undergraduate Division, for two years from July 1, 1951, to June 30, 1953	Library	Ernst Hertzberg & Sons, Chicago (Urbana libraries) Burgmeier Book Bindery, Inc., Chicago (Chicago libraries)	120 000 00 (esti- mate) 20 000 00 (esti- mate)

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Cross driveway bucket elevator complete with truck and wagon hoist for ceiling installation	Wright Farms, DeKalb, Illinois	Evensen & Son, Shabbona	1 186 09 f.o.b. delivered
One heavy duty truck chassis and cab equal to International model L-180, complete with five-speed overdrive transmission, two-speed rear axle, extra braking capacity and extra cooling capacity	Dixon Springs Experiment Station	Cecil Broadway, Inc. (International), Golconda	3 090 60 delivered
Four automobiles, four-door sedans, complete with oil filter, oil bath air cleaner, right and left hand sun visors, and fresh air heater and defroster, less trade-in allowance for vehicles Nos. 233, 272, 406, and 407 (all 1950 four-door sedans)	Physical Plant	Dana Hudelson, Inc., Champaign	958 80 (net)
Comprehensive automobile fleet liability insurance effective July 1, 1951, for three years providing limits of \$25/50,000 bodily injury and \$5,000 property damage on the fleet of automobiles, trucks, buses, and motor-propelled equipment owned by the University and including hired and borrowed cars used in the pursuit of University business, with the three-year premium payable in equal annual installments and the University having the right to terminate the coverage at any time	Physical Plant	W. B. Hayes, Jr., Champaign, representing the National Union Fire Insurance Co.	10 003 38 (three-year premium)
40,000 copies of undergraduate catalog of the University of Illinois for 1951-1952 to be printed and bound	University Press	George Banta Publishing Co., Menasha, Wis.	18 295 53 (approximate)
50,000 reams, 8 $\frac{3}{4}$ x 10 $\frac{1}{2}$, 16 lb. basis, mimeograph bond paper to be delivered 12,500 reams per quarter during year ending June 30, 1952	Office Supply Store	Dwight Bros. Paper Co., Chicago	31 000 00 f.o.b. Urbana
Sewage sludge scraping mechanisms	Institute of Aviation	Yeomans Brothers Co., Chicago	2 122 00 f.o.b. delivered
Comminutor with control panel	Institute of Aviation	Chicago Pump Co., Chicago	1 301 00 f.o.b. Chicago
Sludge heater and auxiliary equipment	Institute of Aviation	Pacific Flush Tank Co., Chicago	6 350 00 f.o.b. factory with freight allowed
Square floating cover for sludge digester			
Rotary distributors			
Six one-ton air-conditioning units, 208 volts, one phase, 60 cycle for use in the Control Systems Laboratory	Physics	Frigidaire Sales Corp., Chicago	1 695 80 f.o.b. Urbana
Fire, extended coverage, vandalism and malicious mischief insurance subject to 80% co-insurance and including unearned premium coverage effective July 1, 1951, for five years in the amount of \$1,250,000 on the Student and Staff Apartment Building (first unit), Urbana, and on the contents thereof in the amount of \$50,000, with the term premium payable in annual installments and the University having the right to terminate the coverage at any time	Housing	Richard E. Hall, Chicago, representing the National Union Fire Insurance Co.	3 692 00

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Fire, extended coverage, vandalism and malicious mischief insurance subject to 80% co-insurance and including unearned premium coverage effective July 1, 1951, for five years in the amount of \$850,000 on the Green Street apartment building (second unit of Student and Staff Apartments), Urbana, and on the contents thereof in the amount of \$40,000, with the term premium payable in annual installments and the University having the right to terminate the coverage at any time	Housing	Richard E. Hall, Chicago, representing the National Union Fire Insurance Co.	2 527 60

On motion of Mr. Johnston, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(23) The Comptroller's report of contracts executed during the period May 1 to 31, 1951.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Commonwealth Edison Company	Study of electrical fields for heating in reinforcing steel	\$4 400 00	May 17, 1951
Commonwealth Edison Company	Study of cathodic protection of surfaces in soils and solutions	8 320 00	May 17, 1951
Hiram Walker and Sons, Inc.	Study of distillers' by-products in poultry rations	1 400 00	May 17, 1951
Association of American Railroads	Study of edge condition of structural steel plates	3 000 00	May 9, 1951
State of Illinois	Study of prestressed reinforced concrete highway bridges	1 500 00	May 5, 1951
Eli Lilly and Company	Study of mumps vaccine in man	5 600 00	April 10, 1951
United States Navy	Instruction and supplies for 133 trainees	76 927 20	September 1, 1950
Veterans Administration	Postgraduate dental and medical course of less than thirty weeks	Rates per contract	July 1, 1950
State of Illinois Division of Vocational Rehabilitation	Certain physical restoration services for trainees of agency	Rates per contract	April 17, 1951

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Bosley Wrecking Company	Demolition of building at 821 South Winchester Avenue, Chicago	\$745 00	April 20, 1951

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Gulf Research and Development Company	Study of pyrethrum synergists	2 000 00	May 7, 1951
Monsanto Chemical Company	Study of chemicals and composition of matter for fungicidal properties	6 000 00	May 4, 1951
Reinforced Concrete Research Council	Study of reinforced concrete columns	8 000 00	April 27, 1951
Abbott Laboratories, Eli Lilly and Co., and Upjohn Company	Study of antibacterial substances other than penicillin	13 000 00	May 8, 1951
State of Illinois	Study of impact on highway bridges	10 000 00	May 18, 1951
State of Illinois	Study of reinforced concrete slabs	15 000 00	May 18, 1951
State of Illinois	Study of riveted and bolted structural joints	10 000 00	May 18, 1951
Veterans Administration	Multi-engine land course AVI-292 included in contract number V3028V-1233	250 00 per student per semester	April 16, 1951
United States Navy	N 6 ori 71 task order 6	40 800 00	April 3, 1951
United States Navy	N 6 ori 71 task order 5	9 500 00	March 19, 1951
United States Navy	N 6 ori 71 task order 1	650 000 00	April 3, 1951
United States Navy	N 6 ori 71 task order 4	35 000 00	March 21, 1951
United States Navy	N 6 ori 71 task order 15	120 000 00	April 18, 1951

Adjustments Made in Authorizations Issued Under Cost-Plus Standing Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric	Noyes Laboratory remodeling renovation and modernization	\$2 136 31	April 24, 1951
	Noyes Laboratory remodeling renovation and modernization	3 429 71	April 24, 1951
	Sub-total	(5 566 02)	
E. N. DeAtley	Noyes Laboratory remodeling renovation and modernization	4 392 40	April 21, 1951
	Noyes Laboratory remodeling renovation and modernization	4 853 35	April 21, 1951
	Noyes Laboratory remodeling renovation and modernization	4 800 76	April 21, 1951
	Special State—Noyes Laboratory safety improvements	382 77 ¹	May 4, 1951
	Changes in administrative offices	490 00	May 16, 1951
	Changes in administrative offices	162 74 ¹	May 25, 1951
	Sub-total	(13 991 00)	
E. M. Hays Plumbing and Heating Company	Noyes Laboratory remodeling renovation and modernization	2 926 41	April 24, 1951
	Noyes Laboratory remodeling renovation and modernization	2 330 09	April 24, 1951
	Sub-total	(5 256 50)	
Reliable Plumbing and Heating Company	601 East John Street remodeling	1 239 80	April 26, 1951
	Davenport House remodeling; Health Service remodeling	374 68 ¹	May 4, 1951
	Sub-total	(865 12)	
Schroeder's	Green Street Apartments	377 40	May 3, 1951
	708 South Mathews Avenue remodeling	239 04	May 12, 1951
	Radio Carbon Laboratory expansion	340 00	May 23, 1951
	Sub-total	(956 44)	
Clarence H. Siems	Green Street Apartments	476 55	May 10, 1951
	Harker Hall remodeling rooms 104, 106	1 209 68 ¹	May 23, 1951
	Sub-total	(733 13) ¹	
Square Deal Electric Company	Special State—Natural History fire protection	316 21	May 2, 1951
	Noyes Laboratory safety improvements	96 38 ¹	May 4, 1951
	708 South Mathews Avenue remodeling	499 53	May 12, 1951
	Green Street Apartments	36 39	May 14, 1951
	Natural History building remodeling renovation and ventilation	339 12	May 15, 1951
	Changes in administrative offices	347 47	May 22, 1951
	Radio Carbon Laboratory expansion	60 00	May 23, 1951
	Sub-total	(1 502 34)	

This report was received for record.

CONTRACT FOR PAINTING IN ILLINOIS NEUROPSYCHIATRIC INSTITUTE

(24) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$10,602 to William S. Alt and Son, Chicago, the lowest bidder, for washing and painting in the Illinois Neuropsychiatric Institute. This contract will cover all washing and painting of interiors and exterior painting of all metal except windows. This work will be paid for by the Department of Public Welfare.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Fornof, this contract was authorized.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(25) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

¹ Deduct.

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
BERT WINFRIED ANSPON	DesPlaines, Illinois	North Carolina
MARION STANLEY CELMER	Chicago, Illinois	District of Columbia
ELDON EUGENE EBBESKOTTE	Mishawaka, Indiana	Indiana
EDWARD JOHN FOX	Bellevue, Washington	New York
CHARLES NORMAN GINOLI	West Peoria, Illinois	District of Columbia
RAYMOND FORREST GREENE	Princeville, Illinois	Alabama
ROBERT JAMES MAHER	Joliet, Illinois	District of Columbia
ROY BRISCOE MATTERN, JR.	Washington, D.C.	New York
PAUL JAMES MCCANN	Chicago, Illinois	North Dakota
FRANCES HELEN SADAUSKAS	Michigan City, Indiana	Indiana
ROBERT DAVID SALTIEL	Chicago, Illinois	District of Columbia
HERMAN J. TANSKE	Chicago, Illinois	North Carolina
CHESTER GRAHAM WESTON	Evanston, Illinois	Colorado
JAMES RUSSELL WHARTON	Cassopohs, Michigan	Indiana
CARL FOSTER WHITE	Lakewood, Ohio	Missouri

I concur.

On motion of Mrs. Holt, these certificates were awarded.

**CONTRACT FOR INSTALLATION OF AIR CONDITIONING IN
EXPERIMENTAL QUARTERS IN DENTISTRY, MEDICINE,
AND PHARMACY BUILDING**

(26) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$2,973 to the Narowetz Heating and Ventilating Company, Chicago, the lowest bidder, for installation of air-conditioning equipment in one of the rooms in the Dentistry, Medicine, and Pharmacy Building which is being remodeled for housing an experimental colony of mice being brought to the University by Dr. Arthur Kirschbaum who has recently been appointed Head of the Department of Anatomy. He is using this colony for important research work on cancer for which he has received outside grants of funds.

Funds are available in an appropriation made by the Board of Trustees for this remodeling.

I concur and recommend that the Comptroller and Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, this contract was authorized.

LEAVE OF ABSENCE FOR DIRECTOR W. ELLISON CHALMERS

(27) Professor W. Ellison Chalmers, Director of the Institute of Labor and Industrial Relations, has been asked to serve on the staff of the Wage Stabilization Board in Washington and has requested leave of absence without pay. I have approved this leave for the period beginning June 20, 1951, through August 31, 1952, and request confirmation of my action.

I shall nominate an Acting Director later. In the meantime, Professor Milton Derber will act.

On motion of Mrs. Watkins, this leave was confirmed.

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

(28) President Stoddard reported on the status of faculty consideration of proposals for changes in the organization of the College of Commerce and Business Administration now before the Board of Trustees on which action by the Board was deferred when these proposals were presented on May 18, 1951. He stated that Acting Dean R. R. Hudelson of the College has requested more time for the study now under way and has suggested further postponement of a decision until the July meeting of the Board.

President Livingston presented a letter from Mr. Henry C. Hawes, Chairman of the College of Commerce and Business Administration Advisory Committee, stating that his Committee has been studying the reorganization recommended to the Board and has obtained information from the Acting Dean and members of the

Executive Committee of the College, but that it is unable to submit a report at this time. The Advisory Committee expects to have its report completed by the end of June.

Further consideration of this matter was postponed.

LETTERS FROM JOHN H. LYLE AND DONALD L. KEMMERER

President Livingston reported that he had received letters from Mr. John H. Lyle, Attorney, Chicago, Illinois, and one from Professor Donald L. Kemmerer of the Department of Economics relating to certain matters of Board of Trustees policy, and that he was referring these letters to the Committee on General Policy for appropriate consideration.

COMMITTEE ON NONACADEMIC PERSONNEL

Mr. Grange, for the Committee on Civil Service and Employees, offered the following amendment of the By-Laws of the Board:

As Chairman of the Committee on Civil Service and Employees, I propose that Article IV, Section 6, of the By-Laws be amended by striking from the list of regular or standing committees the words "Civil Service and Employees" and inserting in lieu thereof the words "Nonacademic Personnel."

On motion of Mr. Grange, this amendment was adopted by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

UNIVERSITY OF ILLINOIS LEGISLATION

The Secretary of the Board reported, as a matter of official information and record, that he has received certified copies of the following acts of the Sixty-seventh General Assembly of Illinois, making appropriations to the University:

SENATE BILL 399. "An Act to provide for the ordinary and contingent expenses of the University of Illinois." (Approved by the Governor.)

This is the appropriation for the operation of the University for the two years beginning July 1, 1951.

From the General Revenue Fund:

For Personal Services.....	\$46 430 359
For Travel.....	300 000
For Office Expense.....	400 000
For Contractual Services.....	3 000 000
For Commodities.....	5 285 000
For Equipment.....	2 000 000
For Employer's Contributions to the University Retirement System of Illinois.....	1 976 432
For Permanent Improvements.....	700 000
Total.....	(\$60 091 791)

From the University Income Fund:

For Personal Services.....	\$ 7 000 000
For Contractual Services.....	1 050 000
For Commodities.....	3 500 000
For Equipment.....	1 000 000
For Refunds.....	200 000
For Contingencies and Reserves.....	3 750 000
Total.....	(\$16 500 000)
Grand Total.....	\$76 591 791

SENATE BILL 400. "An Act making an appropriation for the construction of the East Dentistry-Medicine-Pharmacy Building at the University of Illinois." (Approved by the Governor.)

From the General Revenue Fund:

For the construction at Chicago of the East Dentistry-Medicine-Pharmacy Building, with fixed equipment installed, including plans and specifications, and all necessary costs and charges incident to the completion of the work.....	\$5 025 000
For equipment for the East Dentistry-Medicine-Pharmacy Building.....	200 000
For contingencies to cover expenditures for purposes for which the amount in either of the above items enumerated is, or becomes, insufficient.....	315 000
Total.....	(\$5 540 000)

The President of the University recommended that these funds be appropriated by the Board of Trustees for the purposes indicated. The funds appropriated for the construction of the East Dentistry-Medicine-Pharmacy Building are subject to release by the Governor.

On motion of Mr. Nickell, these funds were appropriated, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations, declinations, and cancellations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ALMY, GERTRUDE T., Research Assistant in History, in the Graduate College, three months beginning June 15, 1951, \$800 (5-22-51).
- ARON, KARL, Flight Instructor in the Institute of Aviation, four months beginning May 1, 1951, \$377.50 a month, supersedes (5-17-51).
- AYERS, ROBERT L., Flight Instructor in the Institute of Aviation, four months beginning May 1, 1951, \$440 a month, supersedes (5-17-51).
- BEHR, L. C., To give instruction in Chemistry in the Summer Session of 1951, June 22-August 18, 1951, \$1000 for the period (5-31-51).
- BLOOM, LOUIS R., Research Assistant Professor of Electrical Engineering (S), one year beginning September 1, 1951, \$6000 (5-22-51).
- BRUNNER, ELDON J., Flight Instructor in the Institute of Aviation, four months beginning May 1, 1951, \$405 a month, supersedes (5-17-51).
- BRYANT, FREDERICK W., Assistant in Ophthalmology (Rush), in the College of Medicine, one year beginning July 1, 1950, without salary (5-24-51).
- CAIRNS, STEWART S., Professor of Mathematics, in the Graduate College, on two-fifths time, three months beginning June 1, 1951, \$1400 (this is in addition to his present appointment) (5-17-51).
- CANNON, WALTON W., Research Associate in Electrical Engineering (S), one year beginning September 1, 1951, \$5000 (5-22-51).
- COLE, DOROTHY E. L., To give instruction in the Nursery School, in the Division of Special Services for War Veterans, in the Summer Session of 1951, on five-sevenths time, June 22-August 18, 1951, \$429 for the period (5-31-51).
- DEARDORFF, DWIGHT L., To give instruction in Pharmacy, in the College of Pharmacy, in the Summer Session of 1950, two months beginning July 1, 1950, \$1450 for the period (6-5-51).
- DOWLING, HARRY F., Professor of Medicine and Head of the Department, in the College of Medicine, indefinite tenure beginning September 1, 1951, \$15,000 a year (5-18-51).
- DYE, WILLIAM S., JR., Clinical Instructor in Surgery, in the College of Medicine, three months beginning April 1, 1951, without salary (5-17-51).

- ERNST, EDWARD W., Research Associate in Electrical Engineering (S), on three-fourths time, one year beginning September 1, 1951, \$4875 (5-22-51).
- ETTER, JAMES E., Research Associate in Electrical Engineering (S), one year beginning September 1, 1951, \$5600 (5-22-51).
- GERSHBEIN, LEON L., Research Assistant Professor of Biochemistry, in the Department of Clinical Science, in the College of Medicine, on three-fourths time, one year beginning September 1, 1950, \$3600 (6-5-51).
- GRANT, CHARLOTTE L., Associate Professor of Health Education, in the Department of Physical Education for Women, indefinite tenure beginning September 1, 1951, to render service during each academic year, \$6500 a year (5-17-51).
- HAASE, ERNST, Consultant to Illinois Eye and Ear Infirmary, in the Department of Neurology and Neurological Surgery, in the College of Medicine, on one-fifth time, five months beginning April 1, 1951, \$125 a month; in addition to \$125 a month paid by the Department of Public Welfare, for which the University assumes no responsibility (5-17-51).
- HAMILTON, NORMAN T., Research Associate in Mathematics, in the Graduate College, one year beginning September 1, 1951, \$3000 (for the convenience of the University he will also be furnished with living quarters) (5-21-51).
- HAUCK, DAVID W., Flight Instructor in the Institute of Aviation, four months beginning May 1, 1951, \$440 a month, supersedes (5-17-51).
- HEESCHEN, DAVID S., Research Assistant in Astronomy, in the Graduate College, two months beginning June 16, 1951, \$266.66 a month (5-22-51).
- HEWITT, JOHN M., Instructor in Radiology (Rush), in the College of Medicine, for one year beginning January 15, 1951, without salary, supersedes (5-17-51).
- HOLSHOUSER, DON F., Research Assistant Professor of Electrical Engineering (S), one year beginning September 1, 1951, \$6200 (5-22-51).
- JUDY, WILLIAM S., Instructor in Radiology, in the College of Medicine, for one year beginning January 1, 1951, without salary, supersedes (5-17-51).
- KLEINSCHMIDT, WILLIAM H., Clinical Assistant in Medicine, in the College of Medicine, four months beginning May 1, 1951, without salary (5-17-51).
- KOWALSKI, LEONARD F., Assistant in Surgery, in the College of Medicine, two months beginning May 1, 1951, without salary (5-17-51).
- LAMKIN, MRS. GLENNA, To give instruction in Home Economics in the Summer Session of 1951, on seven-tenths time, June 22-August 18, 1951, \$716 for the period (5-31-51).
- LARROWE, BOYD T., Research Assistant, Electronic Digital Computer, in the Graduate College, June 16-August 31, 1951, \$300 a month (5-24-51).
- LARSON, BRUCE L., Instructor in Dairy Biological Chemistry (Dairy Science), in the College of Agriculture, on one-half time, and in the Agricultural Experiment Station, on one-half time, two months beginning July 1, 1951, \$395.83 a month (5-10-51).
- McILRATH, PATRICIA, To give instruction in the Department of Speech in the Summer Session of 1951, on one-half time, June 22-August 18, 1951, \$423 for the period, supersedes (5-31-51).
- NICKELS, WALTER A., Flight Instructor in the Institute of Aviation, four months beginning May 1, 1951, \$367.50 a month, supersedes (5-17-51).
- NORBERG, RICHARD E., Research Associate in Physics (S), six months beginning March 1, 1951, \$6300 a year, supersedes (5-22-51).
- ORNDORFF, JOHN R., Clinical Instructor in Surgery, in the College of Medicine, four months beginning May 1, 1951, without salary (5-17-51).
- PIH, MRS. KATHERINE D., Microanalyst in Chemistry, four months beginning May 1, 1951, \$225 a month (5-31-51).
- RASMUSSEN, CAROL N., To give instruction in the Nursery School, in the Division of Special Services for War Veterans, in the Summer Session of 1951, on five-sevenths time, June 22-August 18, 1951, \$429 for the period (5-31-51).
- REESE, MRS. MARY C., Instructor in Social Welfare Administration, one year beginning September 1, 1951, to render service during the academic year, \$4200 (5-17-51).
- ROBERTSON, JAMES E., Research Assistant, Electronic Digital Computer, in the Graduate College, June 16-August 31, 1951, \$300 a month (5-24-51).
- ROGERS, RAMONA J., Research Assistant in the Bureau of Economic and Business Research, three months beginning June 15, 1951, \$250 a month, supersedes (5-26-51).

- RUSSEL, DARRELL A., Assistant in Soil Fertility, in the Department of Agronomy (S), three months beginning June 1, 1951, \$291.66 a month (5-14-51).
- SALOOM, JOSEPH A., Research Associate in Electrical Engineering (S), one year beginning September 1, 1951, \$5700 (5-22-51).
- SCHWETZ, MICHAEL J., Research Assistant in Psychology, in the Graduate College, May 1, 1951-August 31, 1952, \$350 a month, supersedes (5-18-51).
- SHAFFER, P. R., To give instruction in Chemistry in the Summer Session of 1951, June 22-August 18, 1951, \$867 for the period (5-31-51).
- SHAHANI, KHEMCHAND MOTUMAL, Assistant in Food Technology (S), four months beginning May 1, 1951, \$320 a month (5-31-51).
- SMITH, ALBERT W., Flight Instructor in the Institute of Aviation, four months beginning May 1, 1951, \$395 a month, supersedes (5-17-51).
- STILLWELL, GARDINER B., To give instruction in English in the Summer Session of 1951, June 22-August 18, 1951, \$978 for the period (5-31-51).
- STONECIPHER, JESSE W., Chief Flight Instructor in the Institute of Aviation, four months beginning May 1, 1951, \$550 a month, supersedes (5-17-51).
- TINSLEY, CLYDE H., Flight Instructor in the Institute of Aviation, four months beginning May 1, 1951, \$412.50 a month, supersedes (5-17-51).
- TUCKER, THOMAS C., Assistant in Soil Fertility, in the Department of Agronomy (S), three months beginning June 11, 1951, \$291.66 a month (5-17-51).
- ULLREY, DUANE E., Assistant in Animal Science (S), June 18-August 31, 1951, \$245 a month (5-22-51).
- WILSON, WILFRID, To give instruction in Mathematics in the Summer Session of 1951, June 22-August 18, 1951, \$934 for the period (5-31-51).
- WOZGIN, JULIA E., Clinical Assistant in Nursing, in the School of Nursing, three months beginning June 1, 1951, \$210 a month; for her convenience she will also be furnished with room and board valued at \$40 a month, supersedes (5-31-51).
- YANG, CHEN NING, Research Associate in Physics (C), two months beginning June 16, 1951, \$700 a month (5-14-51).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on May 21, 1951, except where otherwise indicated in parenthesis.)

Accountancy

OVERHOLTZER, RICHARD L., Fellow, nine months beginning September 16, 1951, \$700.

Agricultural Economics

COPPERSMITH, ROBERT L., Fellow, nine months beginning September 16, 1951, \$850.

HARRIS, JOHN T., Wright Fellow, nine months beginning September 16, 1951, \$850 (5-14-51).

Agricultural Education

HINDERLITER, HOBART R., Wright Fellow, nine months beginning September 16, 1951, \$700 (5-31-51).

Agronomy

KINGSBURY, CHARLES H., Fellow, nine months beginning September 16, 1951, \$850.

SCOTT, JOHN T., JR., Wright Fellow, September 16, 1951-January 31, 1952, \$350 (5-14-51).

Botany

HECK, WALTER W., Fellow, nine months beginning September 16, 1951, \$850.

Ceramic Engineering

GODEJAHN, GORDON C., Edward Orton Jr. Fellow, ten months beginning September 1, 1951, \$1000 (5-11-51).

Chemical Engineering

KRAEMER, HERBERT F., Ethyl Corporation Fellow, September 16, 1951-June 15, 1952, \$1200 (5-11-51).

Chemistry

MURDOCK, KEITH C., Fellow, nine months beginning September 16, 1951, \$850.

VEAZEY, THOMAS M., Fellow, nine months beginning September 16, 1951, \$850.

WAY, JOHN W., Minnesota Mining & Manufacturing Company Fellow, nine months beginning September 16, 1951, \$1200 (5-28-51).

Civil Engineering

MORRISON, HAROLD L., Fellow, nine months beginning September 16, 1951, \$700.

WAH, THEIN, Fellow, nine months beginning September 16, 1951, \$1000.

Dairy Science

FRIEDMAN, MISCHA E., Fellow, nine months beginning September 16, 1951, \$850.

Economics

RYBAR, RICHARD F., Fellow, nine months beginning September 16, 1951, \$850.

Education

BIRCH, SHIRLEY J., Fellow, nine months beginning September 16, 1951, \$700 (5-18-51).

HAMBRO, VILHELM CATA GRIEG, Fellow, nine months beginning September 16, 1951, \$850 (5-25-51).

LIEBERMAN, MYRON, Fellow, nine months beginning September 16, 1951, \$1000.

Electrical Engineering

SCHOWENGERDT, HENRY A., Fellow, nine months beginning September 16, 1951, \$700.

TANG, YAU-CHIEN, Fellow, nine months beginning September 16, 1951, \$1000.

WEIL, RAOUL B., Fellow, nine months beginning September 16, 1951, \$700.

English

BEATY, JEROME, Nonresident Fellow, one year beginning June 15, 1951, \$3000 (4-17-51).

Geography

HULL, WILLIAM R., Fellow, nine months beginning September 16, 1951, \$700.

Geology

AXFORD, RONALD S., Fellow, nine months beginning September 16, 1951, \$700.

SASS, DANIEL B., Fellow, nine months beginning September 16, 1951, \$850.

History

HOOD, JAMES F., Fellow, nine months beginning September 16, 1951, \$700.

Library Science

MICHALOVA, DAGMAR, Fellow, nine months beginning September 16, 1951, \$700.

Management

BARBOUR, WILSON, Fellow, nine months beginning September 16, 1951, \$700.

Mathematics

HASHISAKI, JOSEPH, Fellow, nine months beginning September 16, 1951, \$850.

RHEAMS, CHARLES, Fellow, nine months beginning September 16, 1951, \$850.

Mechanical Engineering

HUANG, TZU-CHUEN, Fellow, nine months beginning September 16, 1951, \$1000.

TAO, LIANG-NENG, Fellow, nine months beginning September 16, 1951, \$850.

Physicochemical Biology

SWAIN, JAMES B., Fellow, nine months beginning September 16, 1951, \$850.

Physics

HELLY, WALTER S., Fellow, nine months beginning September 16, 1951, \$850.

JOHNSON, RICHARD L., Fellow, nine months beginning September 16, 1951, \$700.

MARCUS, ALMA, Fellow, nine months beginning September 16, 1951, \$850.

Plant Pathology

BERAHA, LOUIS, Fellow, nine months beginning September 16, 1951, \$850.

Political Science

SHULL, GORDON, Fellow, nine months beginning September 16, 1951, \$700.

THORSON, LLOYD W., Fellow, February 1-June 15, 1952, \$350.

Social Sciences

PIERCE, GLADYS I., Fellow, nine months beginning September 16, 1951, \$700.

Social Welfare Administration

SPERGEL, IRVING A., Fellow, nine months beginning September 16, 1951, \$850.

Sociology and Anthropology

WAITZMAN, AVIVA S., Fellow in Sociology, nine months beginning September 16, 1951, \$700.

Spanish and Italian

JACKSON, W. RICHARD, JR., Fellow in Spanish, nine months beginning September 16, 1951, \$1000.

Zoology

MARTIN, NORMAN D., Fellow, nine months beginning September 16, 1951, \$850.

TORCH, REUBEN, Fellow, nine months beginning September 16, 1951, \$1000.

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

BECKSTROM, JANICE E., Assistant in Agricultural Economics (E) — resignation effective 7-1-51.

BENNE, KENNETH D., To give instruction in Education in the Summer Session of 1951 — declination effective 6-22-51.

BROMBERG, MRS. RUTH L., Instructor in Pediatrics, and Clinical Psychologist, in the College of Medicine — resignation effective 6-1-51.

BRONSON, BARBARA, Bibliographer, with the rank of Instructor, in the Library — resignation effective 6-16-51.

BROWN, ARNOLD L., JR., Assistant in Surgery (Rush), in the College of Medicine — resignation effective 4-1-51.

CAGLE, MRS. WINIFRED B., Assistant in Home Economics (C) — resignation effective 6-15-51.

DILLAVOU, ESSEL R., To give instruction in the Department of Business Organization and Operation in the Summer Session of 1951 — declination effective 6-22-51.

FAIST, PATRICIA K., Assistant Teacher in the Nursery School, in the Division of Special Services for War Veterans — resignation effective 9-1-51.

FALK, FELIX, Fellow in Chemistry — declination effective 9-16-51.

FITZGERALD, W. LYLE, Fellow in Agricultural Economics — resignation effective 5-1-51.

FOX, RICHARD C., Fellow in Chemistry — resignation effective 9-16-51.

GILMAN, CHARLES F., Fellow in French — resignation effective 9-16-51.

GRANT, CHARLOTTE L., Associate Professor of Health Education, in the Department of Physical Education for Women — declination effective 9-1-51.

GRAVES, DAN W., Acquisition Assistant, and Photographic Reproduction Laboratory Assistant, in the Library — resignation effective 6-1-51.

HARRIS, JOHN T., Wright Fellow in Agricultural Economics — declination effective 9-16-51.

HAUCK, DAVID W., Flight Instructor in the Institute of Aviation — resignation effective 6-24-51.

HEARN, MRS. JUNE M., Research Assistant in Chemistry — resignation effective 6-1-51.

HEARN, WALTER R., Upjohn Company Fellow in Chemistry — resignation effective 6-30-51.

JOHNSON, MRS. IDA B., Instructor in Home Economics (C) — resignation effective 8-31-51.

KENNADY, JOHN C., Roche Fellow in Pharmacology, in the College of Medicine — resignation effective 4-1-51.

- KINGSBURY, CHARLES H., Fellow in Agronomy — declination effective 9-16-51.
- KIRTS, ARTHUR L., Henry Strong Fellow in Civil Engineering — declination effective 9-16-51.
- KITSUSE, NELSON Y., Registered Pharmacist in Hospital Pharmacy, in the College of Pharmacy — resignation effective 6-21-51.
- KNIERING, ROBERT F., Research Assistant in Medicine, in the College of Medicine — resignation effective 6-13-51.
- KNOX, ELLIS G., Assistant in Soil Physics, in the Department of Agronomy (S) — resignation effective 4-30-51.
- KROMREY, JOHN M., To give instruction in Physical Education for Men, in the Undergraduate Division in Chicago, in the Summer Session of 1951 — declination effective 6-25-51.
- MARTIN, ALICE M., Education, Philosophy, and Psychology Library Assistant — resignation effective 9-1-51.
- MCVOY, ROBERT J., Instructor in Ceramic Engineering (C) — resignation effective 8-31-51.
- MILLER, RICHARD P., Upjohn Company Fellow in Chemistry — resignation effective 6-30-51.
- MODESITT, GEORGE E., Fellow in Physics — resignation effective 9-16-51.
- NACHTMANN, FRANCIS W., To give instruction in French in the Summer Session of 1951 — declination effective 6-22-51.
- OLDFATHER, MARGARET, Assistant Professor of Library Science, and Catalog Librarian — resignation effective 8-1-51.
- PARSONS, MALCOLM B., Assistant Professor of Labor and Industrial Relations — declination effective 9-1-51.
- PEASLEY, MARY P., Library Assistant in the Undergraduate Library — resignation effective 6-1-51.
- PIGOTT, MILES T., Research Assistant in Physics (C) — resignation effective 7-1-51.
- RATHBONE, DONALD E., Fellow in Electrical Engineering — cancellation effective 9-16-51.
- SHERK, PETER M., Fellow in Physics — resignation effective May 1, 1951.
- SMITH, ALBERT W., Flight Instructor in the Institute of Aviation — resignation effective 6-24-51.
- STIEHL, R. THOMAS, Fellow in Chemistry — resignation effective 9-16-51.
- STOLZ, ARTHUR B., Instructor in Journalism — resignation effective 8-31-51 and Journalism Librarian — resignation effective 6-23-51.
- SUSINA, MRS. BETTY J., Registered Pharmacist in Hospital Pharmacy, in the College of Pharmacy — resignation effective 6-16-51.
- TEVNAN, JOHN E., Fellow in English — resignation effective 9-16-51.
- TITLEY, RICHARD J., Adjutant of the Armed Forces — resignation effective 5-31-51.
- VAN NORDEN, MRS. FLORENCE J., Instructor in Home Economics (C) — resignation effective 8-31-51.
- WOMELDORPH, RAYMOND C., Research Assistant in Ceramic Engineering (S) — resignation effective 7-1-51.

LEAVES OF ABSENCE

- AMADOR, LUIS V., Research Associate in Neurology and Neurological Surgery, in the College of Medicine — leave of absence, at the expense of the Rockefeller Foundation, three months beginning May 22, 1951, for a trip to Germany to secure scientific materials.
- CHALMERS, W. ELLISON, Professor of Economics, in the College of Commerce and Business Administration and in the Institute of Labor and Industrial Relations, and Director of the Institute of Labor and Industrial Relations — leave of absence, without salary, June 20, 1951-September 1, 1952, so that he may accept an assignment with the Wage Stabilization Board in Washington.
- CHERNOFF, HERMAN, Assistant Professor of Mathematics — leave of absence, without salary, for the first semester of 1951-1952, so that he may do some work at the Applied Mathematics and Statistics Laboratory at Stanford University, California.
- COLE, WARREN H., Professor of Surgery and Head of the Department in the College of Medicine, and Professor of Surgery and Surgeon-in-Chief of Operating Room

- in the University of Illinois Hospitals — leave of absence, with full pay April 12-July 1, 1951.
- HAEBERLIN, JOHN B., JR., Clinical Instructor in Dermatology, in the College of Medicine — leave of absence, with salary, April 12-May 17, 1951, on account of illness.
- JACOBS, HARRY J., Assistant in Accountancy, in the Department of Business Organization and Operation — leave of absence, without salary, April 16-June 15, 1951, for military service.
- MARCUS, PAUL M., Research Assistant Professor of Physics (C) — leave of absence, without salary, three months beginning July 15, 1951, for service to the Office of Naval Research.
- ODELL, RUSSELL T., Associate Professor of Soil Physics (Agronomy) (C) and (S) — leave of absence, without salary, July 1, 1951-March 15, 1952, to assist in a soil survey in east central Africa.
- OTTERSON, PEDER A., Assistant in the Institute of Aviation — leave of absence, without salary, three months beginning June 1, 1951, or until prior release from the Army, for military service.
- RUSSELL, JOSEPH A., Professor of Geography and Head of the Department — leave of absence, without salary, beginning September 1, 1951, and continuing until further notice, for military service.
- SMYTHE, DALLAS, Professor of Economics, and Research Professor, in the Institute of Communications Research — leave of absence, with salary, May 18-May 30, 1951, to render special technical assistance to the National Association of Educational Broadcasters.
- TIGHE, JOHN P., Instructor in Physical Education for Men, in the Undergraduate Division in Chicago — leave of absence, without salary, beginning September 1, 1951, and continuing until the end of the academic year, or until prior release from the Army, for military service.
- TYLMAN, STANLEY D., Professor of Crowns and Fixed Partial Dentures, and Head of the Department, in the College of Dentistry — leave of absence, with salary, one month beginning July 1, 1951.
- ZIROLI, NICOLA V., Assistant Professor of Art — leave of absence, with full salary, to the end of the present semester.

DEGREES CONFERRED IN JUNE, 1951

The Secretary presented for record the following list of degrees to be conferred at the Commencement Exercises on June 15 on candidates from the Chicago Professional Colleges and on June 17 on candidates from the colleges and schools at Urbana-Champaign.

Summary

Degrees in the Graduate College, conferred at Urbana:

Doctor of Philosophy.....	115
Doctor of Education.....	3
Civil Engineer.....	1
Advanced Certificate in Education.....	1
Master of Education.....	36
Master of Social Work.....	22
Master of Arts.....	141
Master of Science.....	397
Master of Fine Arts.....	6
Master of Music.....	1
<i>Total, Graduate College</i>	<u>723</u>

Degrees in Law, conferred at Urbana:

Bachelor of Science.....	18
Bachelor of Laws.....	57
Doctor of Law.....	8
<i>Total, Law</i>	<u>83</u>

Baccalaureate Degrees, conferred at Urbana:	
Bachelor of Science, College of Agriculture.....	283
Bachelor of Science, College of Engineering.....	442
Bachelor of Arts, College of Liberal Arts and Sciences.....	353
Bachelor of Science, College of Liberal Arts and Sciences.....	327
Bachelor of Science, Library School.....	4
Bachelor of Science, College of Education.....	114
Bachelor of Science, College of Commerce and Business Administration.....	343
Bachelor of Science, School of Journalism and Communications.....	95
Bachelor of Science, College of Fine and Applied Arts.....	145
Bachelor of Fine Arts, College of Fine and Applied Arts.....	44
Bachelor of Music, College of Fine and Applied Arts.....	7
Bachelor of Science, School of Physical Education.....	72
Bachelor of Science, Division of Special Services for War Veterans...	174
Bachelor of Science, College of Veterinary Medicine.....	23
<i>Total, Baccalaureate Degrees.....</i>	<i>2,426</i>
<i>Total, Degrees Conferred at Urbana.....</i>	<i>3,232</i>
Degrees in Dentistry, conferred in Chicago:	
Bachelor of Science in Dentistry.....	38
Doctor of Dental Surgery.....	62
<i>Total, Dentistry.....</i>	<i>100</i>
Degrees in Medicine, conferred in Chicago:	
Bachelor of Science in Medicine.....	139
Bachelor of Science in Occupational Therapy.....	12
Doctor of Medicine.....	163
<i>Total, Medicine.....</i>	<i>314</i>
Degrees in Nursing, conferred in Chicago:	
Diplomas in Nurse Training.....	(34)
Bachelor of Science in Nursing.....	I
Degrees in Pharmacy, conferred in Chicago:	
Bachelor of Science in Pharmacy.....	124
Degrees in the Graduate College, conferred in Chicago:	
Doctor of Philosophy.....	6
Master of Science.....	57
<i>Total, Graduate College.....</i>	<i>63</i>
<i>Total, Degrees Conferred in Chicago.....</i>	<i>602</i>
<i>Total, Urbana and Chicago.....</i>	<i>3,834</i>

Degrees Conferred June 17, 1951, at Urbana

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

WILLIAM LOUIS CAMPFIELD, B.C.S., New York University, 1933; M.B.A., University of Minnesota, 1937

ROBERT MINOR JAMES, B.S., M.S., 1943, 1948

DOROTHY ALBIETZ LITHELAND, B.S., M.S., 1945, 1946

In Agricultural Economics

GERALD ROBERT ABENHAUS, B.S., A.M., University of Nebraska, 1943, 1949

FREDERICK MALLORY SCHRADER, B.S., M.S., University of Saskatchewan, 1938, 1940

VINCENT IRVING WEST, B.S., M.S., 1946, 1947

In Agronomy

KUANG-LU CHENG, A.B., National Northwestern College of Agriculture, 1941; M.S., 1949

HENRY HULTMAN HADLEY, B.S., 1940; M.S., Texas Agricultural and Mechanical College, 1942

WILLIAM EARNEST KENNEDY, B.S., M.S., 1943, 1947
MAX MERLE MORTLAND, B.S., 1946; M.S., 1947, 1950
ALTO ELDO ROYER, B.S., M.S., Purdue University, 1941, 1947
PAUL SIMINOFF, B.S., Michigan State College, 1948; M.S., 1949

In Animal Nutrition

ROBERT OLAF NESHEIM, B.S., M.S., 1943, 1950
WILLIAM HARVEY PFANDER, B.S., University of Missouri, 1948; M.S., 1949

In Animal Science

PAUL BRUCE BROWN, B.S., Mississippi State College, 1932; M.S., 1947
VERLIN KENNETH JOHNSON, B.S., University of Nebraska, 1942; M.S., 1947
WILLIAM GARFIELD KAMMLADE, JR., B.S., M.S., 1948, 1949

In Bacteriology

WILLIAM FRANCIS DeLORENZO, B.S., M.S., 1943, 1947

In Botany

RICHARD KEITH BENJAMIN, B.S., M.S., 1947, 1949
FLORENCE ELIZABETH NEELY, A.B., M.S., State University of Iowa, 1942, 1944
JUSTIN HERMAN REINHART, A.B., Augustana College, 1947; M.S., University of
New Mexico, 1948

In Ceramic Engineering

JAMES HUESTON HEALY, B.S., M.S., 1944, 1949
HAROLD GENE SOWMAN, B.S., M.S., 1948, 1949

In Ceramics

VARTHAKAVI KRISHNA MOORTHY, B.Sc., M.Sc., Andhra University, 1944, 1946;
M.S., 1950

In Chemical Engineering

LLOYD GEORGE BLOSSER, B.S.E., University of Michigan, 1944
CHIA-YUNG CHEN, B.S., National Central University, 1943; M.S., 1949
WILLIAM PAUL HAGENBACH, B.S., M.S., University of Rochester, 1944, 1947

In Chemistry

ROBERT GRIMSHAW BANNISTER, B.S., Rose Polytechnic Institute, 1946; M.S., 1948
CHARLES HERBERT BENTON, B.S., University of Kansas, 1948
WILLIAM WESLEY BURR, JR., A.B., University of Nebraska, 1947; M.S., 1948
CHIA-CHEN CHU, B.S., University of Shanghai, 1944; M.S., 1949
HARRY NORMAN CRIPPS, B.S., Georgia School of Technology, 1946; B.S., University of Rochester, 1948
LEON WILLIAM CUNNINGHAM, JR., B.S., Alabama Polytechnic Institute, 1947; M.S., 1949
RICHARD LEE DALTON, A.B., Central College, 1948; M.S., 1949
WILLIAM DAVID EMMONS, B.S., University of Minnesota, 1947
RUDOLPH F. FISCHER, B.S., University of Wisconsin, 1948
EMIL WILLIAM GRIESHABER, B.S., University of Wisconsin, 1947; M.S., 1949
WILLIAM CURL HAMMANN, B.Chem., University of Minnesota, 1947
FRANK BRITT HAUSERMAN, B.S., University of Michigan, 1947; M.S., 1949
WALTER RUSSELL HEARN, A.B., Rice Institute, 1948
CARL STANLEY HORNBERGER, JR., A.B., North Central College, 1947
JENNIE CHING-I LIU, B.S., St. John's University, 1946; M.S., 1948
JOHN CLARK LORENZ, B.S., Carnegie Institute of Technology, 1948
FRANKLIN EDWIN MANGE, B.S., Massachusetts Institute of Technology, 1948
CAL YALE MEYERS, A.B., Cornell University, 1948; A.M., 1949
RICHARD PRESSLY MILLER, A.B., A.M., Miami University, 1947, 1948
FRANKLIN EDWARD MUMFORD, A.B., University of South Dakota, 1947
SEEMON HAYDEN PINES, B.S., Lehigh University, 1948; M.S., 1949
GLADYS HELEN QUINTY, B.S., 1946
KENNETH ARTHUR SCHOWALTER, B.S., Missouri School of Mines and Metallurgy, 1942; M.S., 1949

GEORGE PHILLIP SPERANZA, B.S., Southern Methodist University, 1948; M.S., 1949
 IRVING ROBERT TANNENBAUM, B.S., M.S., Virginia Polytechnic Institute, 1946,
 1947

VICTOR TULLIO, B.S., University of Pennsylvania, 1948
 KATHARINE ROMMELL WEIDMAN, A.B., Cornell University, 1948; A.M., 1949
 IRWIN MORTON WEINSTOCK, B.S., University of Oklahoma, 1947; M.S., 1948
 OREN FRANCIS WILLIAMS, B.E., University of Toledo, 1943; M.S., 1947
 CHARLES NATHAN WINNICK, B.S., Massachusetts Institute of Technology, 1948;
 M.S., 1949
 JOHN COLLINS WRIGHT, B.S., West Virginia Wesleyan College, 1948

In Civil Engineering

KAI-I DIAO, B.E., National Wu-Han University, 1941; M.S., 1948
 DAH-HSUAN LEE, B.S., National Sun-Yat-Sen University, 1942; M.S., 1949
 TIEN-UN LEE, B.S., Chiao-Tung University, 1940; M.S., 1948
 MOSTAFA KHALIL KAMEL MOSTAFA, B.S.C., Fouad First University, 1941; M.S.,
 1948
 SAI-LUNG PAN, B.S., Hangchow Christian College, 1945; M.S., 1949
 EMILIO ROSENBLUETH, C.E., University of Mexico, 1948; M.S., 1949
 PAO-CHUN TUNG, B.S., St. John's University, 1945; M.S., 1948
 TIEN HSING WU, B.S., St. John's University, 1947; M.S., 1948
 HSUN-KUANG YUAN, B.S., St. John's University, 1945; M.S., 1948

In Dairy Science

WILLARD OMER NELSON, B.S., 1937; B.Ed., Northern Illinois State Teachers
 College, 1941

In Economics

JOSEPH SHERIDAN BEGANDO, B.S., Kansas State Teachers College of Pittsburg,
 1942; M.S., 1947
 HARRY MITCHELL DIXON, B.S., 1940
 JOHN SAGAN, JR., A.B., Ohio Wesleyan University, 1948; A.M., 1949
 RICHARD CARRINGTON WILCOCK, A.B., Harvard College, 1942; M.B.A., Harvard
 University, 1946

In Electrical Engineering

GEORGE JOHN CHAFARIS, B.S., University of Wisconsin, 1944; M.S., 1947
 KOUAN FONG, B.S., National Central University, 1938; M.S., 1948
 SORAB KHUSHRO GHANDHI, B.S., Benares Hindu University, 1947; M.S., 1948
 JAMES SANFORD STEPHENSON KERR, B.A.Sc., University of British Columbia, 1948;
 M.S., 1949
 PAUL MARVIN KINTNER, B.S., University of Kentucky, 1941; M.S., 1948
 CHESTER GODFREY LOB, B.E., Tulane University, 1946; M.S., 1949
 TARIK OZKER, M.S., Technical University of Istanbul, 1943
 JOSEPH ABRAHAM SALOOM, JR., B.S., M.S., 1948, 1949
 ROBERT KEITH SAXE, B.S., Northeastern University, 1936; M.S., 1950
 SHIH-PAI TUNG, B.C.E., Hangchow Christian College, 1942; B.E.E., National
 Southwest Associated University, 1946

In English

GEORGE SCOUFFAS, A.B., Bates College, 1937; A.M., 1938

In Geography

J. EDWIN BECHT, B.S., Southern Illinois University, 1947; M.S., 1948

In Geology

JACK EDWARD HARRISON, A.B., DePauw University, 1948
 HAYDN HERBERT MURRAY, B.S., M.S., 1948, 1950
 ROBERT SIDNEY ROTH, A.B., Coe College, 1947; M.S., 1950
 ROBERT HAROLD SHAVER, B.S., M.S., 1947, 1949

In German

MAX DUFNER, A.B., University of Missouri, 1942; A.M., 1947

In History

FRANKLIN DALLAS PARKER, A.B., Greenville College, 1939; A.M., 1949
 LOUIS UNFER, B.S., Northeast Missouri State Teachers College, 1920; M.S., 1929

In Horticulture

TORU ARISUMI, B.S., University of Hawaii, 1947; M.S., 1949
 CHARLES YESBRA ARNOLD, B.S., M.S., Ohio State University, 1939, 1945

In Mathematics

PAUL F. CONRAD, B.S., M.S., 1948, 1949
 BERNARD EUFINGER HOWARD, B.S., Massachusetts Institute of Technology, 1944; M.S., 1947
 JOHN RANKIN KINNEY, B.S., University of Idaho, 1939; M.S., University of Chicago, 1941
 GEORGE FRANCIS LEGER, JR., B.S., University of Pittsburgh, 1945; M.S., 1948
 WILLIAM ROLEN ORTON, JR., A.B., University of Arkansas, 1946; A.M., 1948

In Mechanical Engineering

CHENG SHIH, B.S., National Pei-Yang Engineering College, 1939; M.S., 1948

In Physics

JOHN SANBORN BLAIR, B.S., Yale University, 1943; M.S., 1949
 MARIUS COHN, B.Physics, University of Minnesota, 1941; M.S., 1946
 YIN-YUAN LI, B.S., National Southwest Associated University, 1943; M.S., University of Washington, 1948
 STUART PHINNEY LLOYD, B.S., University of Chicago, 1943; M.S., 1949
 JEHUDA OVADIA, A.B., Brooklyn College, 1944; M.S., 1947
 GEORGE WAYNE RODEBACK, B.S., University of Idaho, 1942; M.S., 1947
 PETER MORGAN SHERK, B.S., Purdue University, 1943; M.S., 1947
 SHI-SHU WU, B.S., National Tung-Chi University, 1944; M.S., 1948
 EDWARD JOHN ZIMMERMAN, A.B., University of Kansas, 1945; M.S., 1947

In Psychology

ERIC DREIKURS, B.S., M.S., 1946, 1948
 ROGER GENE STEWART, A.B., A.M., 1947, 1948

In Theoretical and Applied Mechanics

HARRY HERBERT HILTON, B.Aero.E., M.Aero.E., New York University, 1947, 1949
 KIN NEE TONG, B.S., Chiao-Tung University, 1945; M.M.E., Syracuse University, 1949

In Veterinary Pathology and Hygiene

PAUL DONALD BEAMER, D.V.M., Ohio State University, 1941; M.S., 1945
 ROGER PAUL LINK, D.V.M., Iowa State College, 1934; M.S., Kansas State College of Agriculture and Applied Science, 1938

In Zoology

THOMAS DE PINNA BAIR, A.B., DePauw University, 1946; A.M., Indiana University, 1947

Degree of Doctor of Education

MELVIN CHARLES BAKER, A.B., A.M., Ed.M., 1932, 1937, 1949
 THOMAS ARTHUR PHILLIPS, B.Ed., Southern Illinois University, 1938; M.S., Ed.M., 1941, 1947
 JOHN CURTIN ROBERTS, A.B., Illinois College, 1925; A.M., 1932

*Professional Degrees**Degree of Civil Engineer*

DON WALKER MCGLASHON, B.S., 1925

Advanced Certificate in Education

ANITA LOUISE DOWLER, B.Ed., Eastern Illinois State College, 1941; M.S., 1946

Degree of Master of Education

ANTONIO ALTAMAR, B.Ed., Universidad-Interamericana (Panama), 1944
 J. GILMAN ANDERSON, A.B., Indiana University, 1941
 RUDOLPH ROBERT BRODA, B.S., Washington University, 1950
 CHARLES ELTON BURLESON, B.S., Mississippi Southern College, 1939; M.S., 1950
 DONALD CHARLES CARMICHAEL, B.S., Eastern Illinois State College, 1949
 RAYMOND LEROY DEMOULIN, B.S., Eastern Illinois State College, 1950
 GORDON WESLEY FIELDER, JR., B.S., University of Kansas, 1940; M.S., 1941
 MARILYN LEADER FISCHER, A.B., Roosevelt College, 1950
 JAMES LYNN HANSON, B.S., Lawrence College, 1948
 JAMES VERNON HIGGINS, B.S., 1950
 JOHN FRANKLIN JENKINS, B.S., 1950
 CHARLES EDGAR JOHNSON, B.Ed., New York State Teachers College (Geneseo), 1947; A.M., University of California, 1948
 ERIC HENRY JOHNSON, B.Ed., Illinois State Normal University, 1939; M.S., 1944
 FOSTER KEAGLE, A.B., North Central College, 1929; A.M., New York University, 1934
 INA RUTH MILLER KLETTE, B.S., Eastern Illinois State College, 1949
 BETTY DENNIS KNAPP, B.S., Eastern Illinois State College, 1950
 CONSTANTINE GEORGE LALOPOULOS, Diploma, Teacher's College (Larissa, Greece), 1929; Diploma, Athens University, 1936, 1945
 JOE LEIBER, A.B., McKendree College, 1951
 DENVER G. D. LOGAN, B.S., Arkansas Polytechnic College, 1950
 DUNCAN MACLEOD, A.B., 1948
 ELIZABETH RUTH MITCHELL, A.B., Ohio University, 1949
 GLADYS LARSON PASEL, A.B., Syracuse University, 1926
 KHAIME RISKIN, B.S., Ed.M., University of California, 1949, 1950
 JOE LEE SAUPE, B.S., Missouri Valley College, 1950
 BOHUMIL FRANZ SCHUBERT, B.S., 1935
 WILLIAM KEITH SHAW, B.S., 1949
 SICILY ANN SMEDSVIK, B.S., Oregon State College, 1948; A.M., 1949
 ANGELA WATSON SPEED, A.B., Dillard University, 1949
 KEITH RAYMOND STONE, B.S., Drake University, 1950
 ELLIS C. SWADLEY, JR., B.S., A.M., Ball State Teachers College, 1946, 1948
 GLOVER EMERSON TULLY, B.S., A.M., University of Florida, 1936, 1938
 LOUIS WILLIAM WAFEL, B.S., 1950
 ROBERT VERNON WATSON, B.S., Bradley University, 1950
 LAVERNE HARRY WENZELMAN, B.S., Illinois State Normal University, 1946
 THOMAS EMIL WOODSTRUP, B.S., Northern Illinois State Teachers College, 1949
 JAMES HENRY ZIMMERMAN, B.S., Illinois State Normal University, 1947

Degree of Master of Social Work

MARILYN MARIE ESSLINGER, B.S., University of South Carolina, 1949
 ALICE MARIE GORDON, A.B., 1949
 HILMA LAVERN HAWKINS, A.B., Illinois College, 1945
 BOB LAVERNE HENDERSON, A.B., Greenville College, 1949
 NATHAN ROBERT HORWITZ, A.B., University of Minnesota, 1949
 ALLAN MYRON HOSLER, A.B., North Central College, 1949
 ALICE CARLSON HOUGH, B.S., University of Chicago, 1932
 ADA BLOOMY KAHN, B.S., University of Minnesota, 1928
 DOROTHY KOOISTRA KAMSTRA, A.B., Calvin College, 1949
 DOROTHY ROGERS LIVINGSTON, B.S., George Williams College, 1944
 RUTH DRURY MACDONALD, B.S., Ohio State University, 1948
 RUTH PORTER MARTIN, A.B., Oberlin College, 1942
 MARY SHANNON MITCHELL, A.B., 1944
 JOSEPHINE OSTROM OUDYN, A.B., A.M., 1940, 1941
 CHARLES WENDELL PLAPP, B.Ed., Northern Illinois State Teachers College, 1938
 FAYE HUGHES PRICE, A.B., West Virginia State College, 1943
 LENA SEITZ ROBERTSON, B.S., Northeastern State College, 1932
 BARBARA ROSENBLUM, A.B., 1946
 PAUL RUBINSTEIN, B.S., 1949

MARJORIE ANN SAGRAVES, B.S., 1948
HAROLD SIEGEL, B.S., George Williams College, 1949
SOL WINER, A.B., 1942

Degree of Master of Arts

In Chemistry

STACY ALAN ASPEY, A.B., Reed College, 1950

In Economics

RICHARD E. BRUMBERG, Ph.B., University of Chicago, 1948
GEORGE FRANKLIN CURRIE, A.B., Wilberforce University, 1949
RUDOLF P. GEISLER, Diplom-Volkswirt, Erlangen University, 1950
PAUL G. M. HERINCKX, Doctor in Law, Catholic University of Louvain, 1950
LEWIS LANGDON HERNDON, A.B., Carleton College, 1950
LAURENCE VERNON JOHNSON, A.B., College of William and Mary, 1950
CAMPBELL R. MCCONNELL, A.B., Cornell College, 1950
THOMAS EUGENE WENZLAU, A.B., Ohio Wesleyan University, 1950

In Education

OLIVIA ELIZABETH BANKS, A.B., Stowe Teachers College, 1946
FRANCES POND BAULOS, A.B., Illinois College, 1948
BERNICE AURELIA BOLAR, A.B., Stowe Teachers College, 1931
JOSEPH VIRGIL BONEFESTE, A.B., 1948
LAWRENCE RAYMOND BRINK, B.S., Northern Illinois State Teachers College, 1948
ETHEL LOUISE CASSIDA, B.Ed., Eastern Illinois State College, 1943
MARY CATHERINE COLE, B.S., Mundelein College, 1943
FERNE SCHOMBURG CROUSE, B.S., 1949
VERNA LOUISE FLESNER, A.B., 1948
EILEEN WEILMUENSTER GRECO, A.B., 1939
CHARLES CONRAD HOLT, B.S., Southeast Missouri State College, 1949
CECIL DEAN KEITHLEY, B.S., 1941
MARGARET ETHEL KINSELLA, B.Ed., Illinois State Normal University, 1948
ANGELINE LUSINGER, A.B., State University of Iowa, 1929
MELANIE BERNICE MADISON, A.B., Stowe Teachers College, 1934
VELMA HARVEY MARR, B.Ed., Southern Illinois University, 1938
KENNETH CHARLES MCALISTER, B.Ed., Illinois State Normal University, 1938
GLADYS GONZALEZ MIRANDA, A.B., Lindenwood College, 1949
DAVID FREDERICK MOERKE, A.B., Carthage College, 1949
SARAH ROSE PHILLIPS, B.S., 1942
CALVIN NATHANIEL POLLARD, A.B., 1950
CHARLES EDGAR RAYBORN, A.B., Shurtleff College, 1947
STEPHEN WALTER READ, A.B., 1948
RONALD RODERICK RHOADES, B.S., Northern Illinois State Teachers College, 1950
GEORGE CARL SCHOTTENHAMEL, A.B., North Central College, 1941; A.M., 1947
LAVONNE SPIERS, B.S., Illinois State Normal University, 1943
WILLIAM MAURICE TONKIN, A.B., 1949
MARGARET O'NEAL ZWICK, A.B., 1936

In English

ROBERT WILLIAM BARZAK, A.B., Agricultural and Mechanical College of Texas, 1949
JOHN JOSEPH CARROLL, A.B., 1950
ALFRED KENDALL CARTER, A.B., 1949
MARIBETH KNIGHT CONKIN, A.B., Culver-Stockton College, 1941
ALVIN IRWIN DUST, A.B., 1950
IRL ALBERT FERGUSON, B.Ed., Illinois State Normal University, 1938
JOHN LEWIS FORBES, B.S., 1948
RAY WILLIAM FRANTZ, JR., A.B., University of Nebraska, 1948; M.S., 1949
FREDERICK WILLIAM JAUCH, A.B., 1946
MARY VIRGINIA LAMSON, A.B., Greenville College, 1948

JAMES OTTIS MOORE, A.B., 1950
RAYMOND EARL O'NEILL, A.B., 1950
HENRY PANNUTO, JR., A.B., University of Colorado, 1949
SUSAN DEUEL SHATTUCK, A.B., 1930
JOHN HAZEL SMITH, A.B., 1949
RICHARD ARTHUR SMITH, B.S., 1950
CHARLOTTE MARY WARREN, A.B., Ball State Teachers College, 1944
NANCY LEE WHEELER, A.B., MacMurray College, 1950
ROGER EDWIN WIEHE, A.B., Yale University, 1950
ROBIN SCOTT WILSON, A.B., Ohio State University, 1950

In French

ALICE WELLS BERNABUCCI, A.B., Wittenberg College, 1936
FAYE IRENE DEWEY, B.S., Northwestern University, 1949
CHARLES FRANCIS GILMAN, A.B., George Washington University, 1948; M.S., 1949
JEANNE GORDEN, B.S., Southern Illinois University, 1950
ROBERTA ROBERTS HARRISON, A.B., 1949
RUTH HEINSHEIMER HOCHSCHILD, A.B., Bryn Mawr College, 1947; A.M., 1948
PATRICIA ANN LIBBY, A.B., University of New Hampshire, 1950

In Geography

FRANK PRESSLEY BARTLEY, JR., B.S., Pennsylvania State Teachers College (Slippery Rock), 1942
RONALD MURRAY BEVERIDGE, A.B., Harvard University, 1949
PAUL MARTIN LOUIS BRUER, A.B., University of Western Ontario, 1949
RICHARD MURRAY DOWLING, A.B., Syracuse University, 1950
LILLIAN CLAIRE FLEMMING, A.B., Wayne University, 1950
JOHN CARLTON HOFER, B.S., 1950
JAMES EDWARD PATTERSON, A.B., Michigan State College, 1942
KURT JULIUS ROTHSCHILD, B.S., Syracuse University, 1950
PHILIP JAMES VAN WINKLE, A.B., Southern Illinois University, 1949

In German

CARL WALTER HEIMRICH, A.B., University of Toronto, 1949
LEE BYRON JENNINGS, A.B., Ohio State University, 1949
JOAN NICOLL, A.B., Grinnell College, 1950
ROBERT LEROY STONE, B.S., 1950

In History

ROBERT HUHNS JONES, A.B., 1950
ROLAND JOSEPH McSHANOG, B.S., 1950
JOSHUA OSWALD ROMAO, A.B., University of London, 1948; A.B., Olivet Nazarene College, 1949
ALLEN WILLIAM TRELEASE, A.B., 1950
JAMES WALTER WEAVER, A.B., State University of Iowa, 1949

In Italian

LENA PERRI, A.B., University of Akron, 1945; A.M., University of Michigan, 1948

In Labor and Industrial Relations

RUTH DORIS BENDER, A.B., 1949
MAURICE ELWELL DARE, B.S., 1949
DAVID ROY FLEBBE, A.B., University of Omaha, 1949
KENNETH ROBERT HOUGLAND, A.B., Park College, 1949
JAMES ROLAND RANSOM, A.B., Antioch College, 1950
JOHN LAWSON TUCKER, B.S., Purdue University, 1949
EDWARD VAUGHAN WOOD, A.B., 1949

In Mathematics

SAMUEL ELI BENESCH, A.B., Johns Hopkins University, 1950
JACOB FELDMAN, A.B., University of Pennsylvania, 1950

BEVERLY ANN MARSHALL, A.B., Rockford College, 1949
JOHN SHAVER MELIN, A.B., Amherst College, 1950
NORMAN BATES OWEN, A.B., Cornell University, 1950

In Philosophy

GLENN OTIS BROWN, JR., B.S., Southern Illinois University, 1949
FRANCIS THOMAS FICARRA, A.B., 1950
WILLIAM RANDOLPH HERMAN, A.B., Rutgers University, 1950
GEORGE HERBERT VROOMAN, A.B., 1949

In Political Science

HENRY BUCKNER, A.B., Eureka College, 1950
GERHARD KARL DAUB, University of Frankfurt
CHARLES JOHN GRAHAM, A.B., 1950
GLADYS MARION JOHNSON, Ph.B., University of Chicago, 1924
JAMES JOSEPH MANNING, B.S., 1949

In Psychology

CHARLES DOW GRIDER, B.S., 1950
MALCOLM MORRIS HELPER, B.S., 1949
JOAN HOROWITZ, A.B., Queens College, 1949
EDWARD ROBERT OSTRANDER, A.B., Syracuse University, 1950
DONALD MYRON PAULL, B.S., 1949; A.B., Roosevelt College, 1950

In Social Sciences

THEODORE ROBERT COX, A.B., Olivet Nazarene College, 1950
CHARLES CLARK SADDLER, JR., A.B., Oakland City College, 1948

In Sociology

SEVERYN TEN HAUT BRUYN, JR., B.S., 1950
JEREMIAH FAIN EPSTEIN, B.S., 1949
EDWARD PAUL HOPFER, A.B., Illinois College, 1937
LEONARD HILL STIDLEY, B.S., 1948

In Spanish

DORIS JACQUELINE PERSINGER, A.B., 1950
RICHARD WINSTON PRICE, A.B., 1949

In Speech

PHYLLIS RUTH ARNOLD, A.B., Augustana College, 1944
MAURICE MARTIN BALSON, B.S., 1950
MELBA BERNARD BARKER, A.B., Southern University, 1948
JAHALA FOOTE DEMOULIN, B.S., Eastern Illinois State College, 1950
MERREL DEAN DILLON, A.B., Beloit College, 1950
CHARLOTTE HEFFRON, A.B., Denison University, 1948
GEORGE HENRY KURTZROCK, A.B., University of Missouri, 1949
ROSELYN LEVINBERG, B.S., University of Wisconsin, 1950
JOHN ELLIS McMULLEN, A.B., Indiana University, 1949
CLAIR DEAN ROSKAM, A.B., Lewis and Clark College, 1950
ADAM JOHN SORTINI, B.S., Boston University, 1949

In Statistics

WILLIAM KELTS GREEN, B.S., 1950
EUGENE EARL HIXSON, B.S., 1950
ROBERT JAMES MALACH, B.S., 1949

In the Teaching of Social Studies

EDWARD HENRY FISCHER, A.B., 1950
RALPH ROBERT HUEBNER, B.S., 1950
JOSEPH WILLIAM JACQUES, A.B., Rutgers University, 1950
GORDON CLIFFORD JOHNSON, A.B., 1950

FAUSTINE CHILDRESS JONES, A.B., Agricultural, Mechanical, and Normal College
(Pine Bluff, Arkansas), 1948

GERTRUDE ANN KRAMER, A.B., 1950

ALFRED CHILSON STIMES, A.B., Beloit College, 1950

ERNEST REX THOMAS, A.B., Arizona State College, 1950

In the Teaching of Speech

JAMES STEPHEN BOST, A.B., 1947

JACK HERBERT PACEY, B.S., 1940

Degree of Master of Science

In Accountancy

ANGELO JOHN ALONGI, B.S., St. Louis University, 1949

BOB OLIVER BROWN, B.S., Omaha University, 1950

LUCIUS ARCHIE WILLIAMS, JR., B.S., 1948

In Aeronautical Engineering

JOE FRANCIS BANCHE, B.S., 1949

WALTER LEROY BEDENKOP, JR., B.S., 1949

JOSEPH THOMAS EICHELBERGER, B.S., University of Maryland, 1949

CHARLES WILLIAM HURTER, B.S., 1949

VERNON FLOYD VAN HEYNINGEN, B.S., 1949

In Agricultural Economics

ROBERT ABNER BLACK, A.B., Brooklyn College, 1949

WILLIAM RUSSELL BONE, B.S., 1947

KEITH DEXTER, B.S., University of Nottingham, 1948

PAUL JACOB FERREE, B.S., 1948

WARREN FRANKLIN GOODELL, A.B., Harvard College, 1921

THOMAS JOSEPH KUBAJAK, B.S., Michigan State College, 1950

HILARY WINFRED MOORE, B.Sc., California State Polytechnic College, 1949

DUNCAN RIDLER, B.S., London School of Economics, 1949

CHARLES MARVIN SCHAEVE, B.S., 1950

CLARENCE P. SCHUMAIER, B.S., 1950

CLARENCE EUGENE SIMPSON, B.S., 1950

RALPH LAWRENCE STROCK, B.S., Pennsylvania State College, 1940

JAMES SAMUEL WEHRLY, B.S., 1949

LAWRENCE TATE WITHERSPOON, B.S., 1949

In Agricultural Engineering

JOE TODD CLAYTON, B.S., University of Tennessee, 1949

PHILIP AARON SMITH, B.S., 1942

JAMES HARVEY THOMAS, B.S., University of Georgia, 1949

In Agronomy

JOHN DAVID ALEXANDER, B.S., 1947

CHARLES BLAIR ALLEN, B.S., 1950

CHARLES EDWIN AUSTIN, B.S., 1950

JUSTIN ROBERT FUELLEMAN, B.S., 1950

JOSEPH EVERETT HUBBARD, B.S., 1939

LORIN KEITH JUMP, B.S., 1951

MAUNG PE, B.Sc., University of Rangoon, 1949

GEORGE BENJAMIN RUBY, B.S., 1950

ARTHUR GLEN SMILEY, B.S., 1943

EVERETT JAMES SMILEY, B.S., 1948

WESLEY CRAIN WILCOX, B.S., 1950

In Animal Nutrition

KENNETH WILLIAM KEANE, B.S., Murray State College, 1944

In Animal Science

EDWARD CLYDE MILLER, JR., B.S., Murray State College, 1944

In Architectural Engineering

LEROY MYRON COHEN, B.S., 1950
GUNDUZ SAIT GUNGEN, B.S., 1950

In Architecture

SAMUEL GERALD FOOTLIK, B.S., 1950
HELMUTH GEORG REISCHER, B.S., Technische Hochschule, 1948
ALPASLAN REYHAN, B.S., 1950

In Bacteriology

RALPH NATHAN BRANSKY, B.S., 1950
ALLAN MCCULLOCH CAMPBELL, B.S., University of California, 1950
SHIRLEY JEAN NICE, B.S., Monmouth College, 1949
NAPOLEON JAMES PINCKNEY, A.B., Morris Brown College, 1947
RICHARD LAVERNE RAYMOND, B.S., 1947
JORDAN MAYNARD RHODES, B.S., Roosevelt College, 1950
BERNICE LAFFER TORCH, A.B., 1948

In Biological Science

JACOB CALVIN LOCKERT, A.B., North Central College, 1950
ALTON M. MUN, B.S., University of Southern California, 1949
JOHN DONALD PECARIC, B.S., University of Minnesota, 1950

In Botany

JAMES FRANKLIN COATES, B.S., Culver-Stockton College, 1939
FRANKLIN CHARLES LANE, B.S., Wheaton College, 1949
ROBERT WILLIAM LICHTWARDT, A.B., Oberlin College, 1949
GEORGE WILLIAM ZISKA, JR., A.B., University of North Carolina, 1947

In Ceramic Engineering

RICHARD MERLE FULRATH, B.S., 1950
ROBERT HOWARD HERRON, B.S., 1950
STANLEY FRANCIS PASPY, JR., B.S., 1949

In Ceramics

LACHHMAN SINGH CHEEMA, B.S., Panjab University, 1944; M.S., Forman Christian College, 1945

In Chemical Engineering

EDWARD HARRY BOLLINGER, B.S., Rose Polytechnic Institute, 1949
HAROLD BLACK CLARK, B.S., Pennsylvania State College, 1950
JEROME FREILING, B.Ch.E., College of the City of New York, 1950

In Chemistry

ROBERT HEWARD DOREMUS, B.S., University of Colorado, 1950
GLENN FULLER, B.S., Stanford University, 1950
THOMAS STUART JONES, B.S., 1950
EUGENE ALFRED KRAIMAN, B.S., University of Pennsylvania (Towne Scientific School), 1950
ROBERT GLENN LANGE, B.S., 1950
JOHN EARL MCCORKLE, A.B., University of Nebraska, 1947
MARIKA PIKRAMENOU, Diploma, University of Athens, 1940
ISKI SAGMANLI, A.B., Bryn Mawr College, 1950
EDWARD DAVID WEIL, B.S., University of Pennsylvania, 1950
GEORGE BUCKMASTER WHITFIELD, JR., A.B., Cornell College, 1946
HENRY FREEMAN ZOBEL, B.S., 1950

In City Planning

JOHN WILLIAM AULT, B.L.A., Ohio State University, 1950
THOMAS ELDON MOORE, B.S., 1950
EDWIN JAMES MOSES, B.S., Syracuse University, 1941

In Civil Engineering

SUAT ALI ATAY, B.S., 1950
FRANK XAVIER BLECHINGER, B.S., South Dakota State College, 1949
JOHN HENRY BOND, JR., B.S., Lehigh University, 1950
ERWIN RUDOLPH BRETSCHER, B.S., University of Missouri, 1937
SHELDON CHERRY, B.S., University of Manitoba, 1949
EUGENE JOSEPH DAILY, B.S., Missouri School of Mines, 1936
THOMAS ARNOLD DUWELIUS, B.S., Rose Polytechnic Institute, 1947
WILLIAM JOEL HALL, B.S., University of Kansas, 1948
ARTHUR JOHN MILLER, B.S., 1950
CECIL ULRIC MOORE, JR., B.E., Vanderbilt University, 1948
JOHN EARL SCHMITT, B.S., 1947
FERDINAND JAMEEL TAWHEEL, Diploma, Engineering College of Baghdad, 1947
NAI-CHEN YANG, Diploma, Soochow Technical Institute, 1949

In Clinical Psychology

GENEVIEVE E. AUER, A.B., 1936
ESTHER LEVINE BLUMENTHAL, A.B., Roosevelt College, 1947
LEROY HIRSCHFELD BLUMENTHAL, A.B., New York University, 1948
WILLIAM HAMILTON BURNS, A.B., 1949
JAMES FRANKLIN CARRUTH, B.S., 1948
VINCENT GLAUDIN, JR., B.S., 1949
PRISCILLA GATES POWELL, A.B., 1948
ALLEN RASKIN, A.B., Syracuse University, 1949
LEWIS SCHWARTZ, A.B., 1949
FRANCES MARIE SEIBERT, A.B., Marygrove College, 1935
VICTOR MILTON ZIKE, A.B., Simpson College, 1948
WILLIAM AUGUST ZIMMERMAN, A.B., Roosevelt College, 1947

In Dairy Science

ELLIOTT MAURICE CRAINE, A.B., 1949
SHELDON CARL HOWERTER, B.S., 1949

In Economics

WALLACE LOGAN DICKS, B.S., 1950
ARTHUR TENNANT JONES, B.S., 1950
ARCHIE JOHN NICHOLS, B.S., 1948
HAROLD DOW SWAIN, JR., B.S., United States Military Academy, 1945

In Education

CLARENCE ROLAND ALDERSON, B.S., University of Florida, 1949
JOHN ARTHUR ALGEE, B.S., Southern Illinois University, 1947
DAVID RAY ANDERSON, B.S., 1936
CLYDE WARREN BAULOS, A.B., Illinois College, 1948
GALE KENITH BLAKESLEE, B.S., 1931
BURTON RA BLOCK, B.S., Northern Illinois State Teachers College, 1944
ROBERT JOSEPH BRIGHAM, B.S., Northern Illinois State Teachers College, 1949
MURVIN HAZEL BROWN, B.S., Southern Illinois University, 1946
GLADYS EUNICE BUNNEY, B.Ed., Illinois State Normal University, 1939
LOUIS LAFAYETTE CAGLE, B.S., 1950
JOSEPH FRANCIS CALEK, B.S., Illinois Institute of Technology, 1950
ALICE LACKEY CANEDY, A.B., 1946
WILLIAM RANDOLPH CANTRALL, A.B., 1949
CLIFTON CLAY CAPP, B.S., 1949
RALPH NEWTON CLARK, JR., B.S., 1942
CHARLES ELLIE DIAL, B.S., 1950
EUGERE JOSEPH DOE, JR., Ph.B., University of Chicago, 1947; B.S., 1950
WILLIAM HUDSON DOWNEY, B.S., 1949
ROBERT L. EVANS, B.S., Northern Illinois State Teachers College, 1950
MARTHA GRACE EWING, B.S., Illinois State Normal University, 1944
CLYDE EMERY FRY, B.S., 1927

CATHERINE GARVEY, B.S., Northwestern University, 1948
 DONALD VICTOR GROTE, B.S., Eastern Illinois State College, 1944
 PAUL BYRON HALE, B.S., Southern Illinois University, 1947
 MILTON SAMUEL HAMBALAK, B.S., 1950
 JAMES THEODORE HARRISON, B.S., 1938
 ARTHUR HENDERSON, B.S., Illinois State Normal University, 1947
 ENID SUNWALL HENNINGER, B.S., 1949
 DONALD RAYMOND HERRICK, B.S., 1949
 GENEVEVE McCLURE HOOD, B.S., University of Cincinnati, 1930
 KATHRYN ARMENTA JONES, B.S., 1945
 ALBERT PHILLIP KAUFMAN, B.S., 1947
 JULIEN EMILE KINZER, B.S., 1948
 PAUL WALTER KRATZ, JR., B.S., 1950
 MARY IMOGENE LIFFICK, B.Ed., Eastern Illinois State College, 1940
 MARJORIE DACUS LOGAN, B.S., Oklahoma Agricultural and Mechanical College, 1947
 RICHARD MORGAN LOWE, B.S., 1948
 ANNA KILMER MAHAFFEY, B.S., 1949
 JOHN CLEOPHUS MAHAFFEY, B.S., 1949
 WILLIAM CLARENCE MANN, B.S., 1950
 WILLIAM ALBERT MEADER, B.S., 1950
 JACK WILLIAM MORRISON, B.S., Indiana State Teachers College, 1948
 FRANK ROBERT MORSE, B.S., Eastern Illinois State College, 1947
 DONALD ANTHONY NAUDZIUS, B.S., 1950
 CORLISS LEE NORTON, B.S., Illinois State Normal University, 1947
 LENELL NORTON, B.Ed., Southern Illinois University, 1941
 RAYMOND HAROLD PAGE, B.Ed., Western Illinois State College, 1943
 DON AUSTIN PORTER, B.S., 1948
 LEWIS MARTIN ROBINSON, A.B., 1948
 ROBERT LESTER ROHLFING, B.S., 1940
 MELVIN OTTO ROTH, B.S., Northern Illinois State Teachers College, 1949
 JAMES GLENN SHELTON, B.S., 1947
 PAUL EVERETT SMITH, B.S., 1948
 HAROLD EDWARD TURNER, A.B., Carthage College, 1950
 JAMES EARL VIPOND, B.S., Monmouth College, 1949
 FRANK OLIVER VOLLE, B.S., 1950
 FRANK H. WALKER, B.S., LL.B., 1932, 1934
 RAYMOND HENRY WALKER, B.Ed., Western Illinois State College, 1938
 HERMAN JOHN WALSER, B.S., 1934
 HELEN LOUISE WELLES, B.S., 1948
 HELEN CAROLYN WHITE, A.B., Stowe Teachers College, 1942
 FRANCES ELIZABETH WILSON, B.S., James Millikin University, 1932
 JEWELLE ORR WININGS, B.Mus., James Millikin University, 1948
 ROXIE PAULINE WITTS, B.Ed., Illinois State Normal University, 1941

In the Education of the Deaf

BETTY LOU PEACOCK, A.B., State University of Iowa, 1950

In the Education of Mentally Handicapped Children

MARGARET SMALE LAW, A.B., Miami University, 1949
 JEANNINE AGNES REICHEL, B.S., 1950

In Electrical Engineering

RAYMOND W. W. BOOTH, B.S., Alabama Polytechnic Institute, 1950
 BRAXTON STANFIELD BURT, B.S., North Carolina State College of Agriculture and Engineering, 1936
 WILLIAM JOSEPH CADDEN, B.S., 1948
 LOUIS ORVILLE CARROLL, B.S., 1934
 RICHARD WARREN CASTOR, B.S., 1950
 EDWARD LESTER CURTIS, B.S., 1950
 ARTHUR JACKSON DAVIS, B.S., 1950

WILLIAM FOLEY DEBOICE, B.S., 1950
VERNON JOHN FOWLER, B.S., Milwaukee School of Engineering, 1949
JAY DOYLE GOOCH, B.S., University of Missouri, 1944
ARMANDO ENRIQUE GUIA-MONASTERIO, B.S., 1950
EARL JAMES HAJIC, B.S., 1950
CHARLES HERMAN ALBERT HEITZBERG, B.S., Missouri School of Mines and Metallurgy, 1949
JOSEPH ALDRICH HOLLY, B.S., 1950
NICK HOLONYAK, JR., B.S., 1950
WILLIAM DIBRELL JONES, B.S., The Citadel, 1937
GEORGE PETE KEFALAS, B.S., 1950
BOYD THURSTON LARROWE, B.S., University of Kansas, 1950
JAMES TYRE LITTLEFIELD, B.S., Alabama Polytechnic Institute, 1950
RICHARD THOMAS LOEWE, B.S., 1950
JOSEPH LOOS, JR., B.S., 1950
WESLEY JOHN MARSTON, B.S., South Dakota State College, 1950
DONALD CHARLES MARTIN, B.S., 1950
JAMES WILLARD McNABB, B.S., 1950
ROBERT WAYNE MOWERY, B.S., 1943
KENNETH JACOB POWERS, B.S., University of New Mexico, 1945
RICHARD CARR PRICE, B.S., 1950
OWEN THORNTON REEVES, B.S., United States Military Academy, 1944
KEITH LAVERN SANDERS, JR., B.S., 1950
ROY OSCAR SATHER, B.S., Wayne University, 1940
EDWARD WILLIAM SCHWARZ, B.S., 1950
CHARLES HELM SINEX, B.S., Agricultural and Mechanical College of Texas, 1935
ROBERT STERLING SMITH, B.S., Rose Polytechnic Institute, 1949
KENNETH MANLEY SNAPP, B.S., 1949
WILLIAM MARK SUNLIN, B.S., 1948
LAEL BRENT TAPLIN, B.S., Oregon State College, 1948
NORMAN HAROLD TARNOFF, B.S., 1948
ROBERT LAYTON THING, B.S., 1943
ARTHUR THEODORE TIEDEMANN, B.S., 1946
ROBERT ALLAN TORKILDSEN, B.E.E., University of Louisville, 1947
MARSHALL WALLER, B.S., United States Military Academy, 1942; B.S., Massachusetts Institute of Technology, 1946
DAVID SEAVEY WOODS, B.S., United States Military Academy, 1941
CHUNG HSUAN YAO, B.S., TaTung University, 1946

In Entomology

VICTOR JACK BROOKES, B.S., University of Michigan, 1950
LUCIAN PERCY GARRETT, JR., B.S., 1948
BRUCE CONOVER MACDONALD, B.S., 1949
ARTHUR PEEBLES MORRIS, A.B., University of Tennessee, 1948
ABDEL SALAM MAHMOUD SHALABY, B.S., Fouad First University, 1949
DAN LESLIE SHANKLAND, B.S., Colorado State College of Agriculture and Mechanical Arts, 1948

In Food Technology

JAMES MCKITRICK BLAIR, B.S., 1948

In Geography

GEORGE FRANKLIN BEATTY, B.S., Ball State Teachers College, 1949
LESTER WOODROW CLUTTER, B.S., 1948
THOMAS WILLIAM SCOTT, B.S., Harvard College, 1942
MELVIN DEVERE SHOLL, B.S., 1950
FREDERICK THEODORE WITZIG, B.S., Bradley University, 1949

In Geology

THOMAS CHARLES BUSCHBACH, B.S., 1950
WILLIAM DAVIS JOHNS, JR., A.B., College of Wooster, 1947
JAMES FREDERICK MCDIVITT, B.Sc., University of Western Ontario, 1949

RAYMOND WALLACE RALL, B.S., 1950
DONELSON ANTHONY ROBERTSON, B.S., Centenary College, 1949
ROBERT BROWN SCOTT, B.S., University of Redlands, 1949
FREDERICK ENLOW WILLIAMS, A.B., College of Wooster, 1941

In Home Economics

VIRGINIA RUTH CHARLES, A.B., Western College, 1938
ELIZABETH KAI-LI DIAO, B.S., West China Union University, 1949
MARJORIE VIRGINIA GUTHRIE, B.S., 1946
CHRISTINA MARIAN LAMBERT, B.S., MacMurray College, 1934
THERESA JULIA WALKOWIAK, B.S., University of Massachusetts, 1949

In Home Economics Education

LUCILLE HOWARD BRANTLEY, B.S., Fontbonne College, 1949
ROSALIE ADELE HALL, A.B., 1948
GRACE BROWN KELLEY, A.B., Greenville College, 1928
MARY JANE PRENDERGAST, B.S., 1944
JANE NEELEY SNOW, B.S., Western Kentucky State Teachers College, 1944

In Horticulture

MARGARET MARNE FLEMING, B.Ed., Wisconsin State Teachers College (White-water), 1940

In Journalism

MARILYN MURRAY FULRATH, B.S., 1947
DONALD GOODMAN HILEMAN, B.S., 1949
WARREN MATTIX, B.S., 1949
JEANNE MIRIAM ROBERTSON, A.B., 1950

In Library Science

JOHN C. ALLEN, B.S., B.S., Syracuse University, 1939, 1942
LE MOYNE W. ANDERSON, A.B., B.S.(L.S.), University of Minnesota, 1948
MARIE CARMODY ARTHUR, B.S., Purdue University, 1949
MARIAN RUTH AULBACH, A.B., Harris Teachers College, 1948
RUTH MAXINE BATMAN, B.S., 1950
ANN PATRICIA CALLAHAN, A.B., Washington University, 1947
DAYTON WAYNE CANADAY, A.B., Illinois College, 1948
PAUL TSING HSIEN CHEN, A.B., University of Nanking, 1926; B.S.(L.S.), 1938; A.M., Drew University, 1939
ALICE MILDRED COOPER, B.Ed., Eastern Illinois State College, 1943; B.S.(L.S.), 1947
MARY FRANCES CORBITT, B.S., Illinois State Normal University, 1949
BETTY MARY ELLEN CROFT, A.B., A.M., 1947, 1948
ROBERT FREDRIC DELZELL, A.B., Drury College, 1940; B.S., Washington University, 1950
DONALD CHARLES DICKINSON, A.B., New York State Teachers College, 1949
HUBERT LOUIS FISHER, B.S., Illinois State Normal University, 1950
BETTY JEAN HANCOCK, B.S., Indiana University, 1941
RUTH AMY HARNACK, A.B., University of Minnesota, 1946
MADELINE GENA HARRISON, A.B., Fisk University, 1940; B.S.(L.S.), North Carolina College, 1942
ROBERT JAMES HAVLIK, B.S., Illinois Institute of Technology, 1950
WILLIAM VERNON JACKSON, A.B., Northwestern University, 1945; A.M., Harvard University, 1948
ELSIE KAREN KIVI, B.S., University of Minnesota, 1941
DOROTHY EDITH KREMEN, B.S., University of Chicago, 1946
ISAAC THOMAS LITTLETON, A.B., University of North Carolina, 1943; A.M., University of Tennessee, 1950
MYRA LYTLE, A.B., B.S.(L.S.), 1941, 1943
JAMES BLAKELY McFERRIN, A.B., Erskine College, 1942; B.S.(L.S.), 1948
EVELYN RAYLENE MENTER, A.B., Texas State College for Women, 1944
DORIS HENRIETTA METHVIN, A.B., University of Tennessee, 1945

HELEN SOFFER MOORE, B.S., 1949
DOROTHY JOANNA NAUJOKS, A.B., Ohio State University, 1949
VIRGINIA WHITEFORD PALMER, A.B., Smith College, 1950
PAULINE DAWN PITTS, A.B., Southeastern State College (Durant, Oklahoma), 1930; A.B.(L.S.), University of Oklahoma, 1936
FRANK ROWLAND SACCO, A.B., Hofstra College, 1949
RUTH LOIS SCHAEFER, A.B., North Texas State College, 1943; A.M., Northwestern University, 1947
ROSEMARY SEVERANCE, A.B., Michigan State College, 1948
ALBERT STROBL, A.B., University of Wisconsin, 1945
ROBERT LOUIS TALMADGE, A.B., University of Kansas, 1941; B.S.(L.S.), 1946
MARGARET MORGAN TAYLOR, B.S., University of Alabama, 1948
JAMES RUSSELL TOLMAN, B.S., Utah State Agricultural College, 1949
MARTHA HUTCHISON WELCH, A.B., University of Alabama, 1945
HENSLEY CHARLES WOODBRIDGE, A.B., College of William and Mary, 1943; A.M., Harvard University, 1946; Ph.D., 1950
JAMES CURTIS ZIPPRICH, A.B., Oberlin College, 1949

In Management

SHIH-CHEN CHEN, A.B., Hangchow University, 1934
KENNETH BERNARD MOREY, B.S.E., University of Michigan, 1945

In Marketing

WILLIAM HOMER EBERT, B.S., Ohio State University, 1949

In Mathematics

FREDERICK WINTHROP BALLANTINE, B.S., University of Washington, 1948
CHARLES WILLIAM BOSTICK, B.S., Massachusetts Institute of Technology, 1950
LENORA MADELINE CROWLEY, B.S., 1937
GEORGE LOUIS KVITEK, B.S., M.S., 1949, 1950
CHING-YUNG HU LI, B.S., National Szechwan University, 1941
GORDON DUANE MOCK, B.S., 1950
JAMES SANFORD MORISON, B.S., University of Chicago, 1950
BERNARD ALLEN SMITH, B.S., 1949
ROBERT MILES TURNER, B.S., 1950
RICHARD PENNER WIEBE, B.S., 1949

In Mechanical Engineering

HAROLD OSCAR BARTHEL, B.S., 1950
EARL JOSEPH BECK, JR., B.S., University of Washington, 1946
MARCO AURELIO BETANCOURT, C.E., Escuela Nal de Minas, 1949
TSENG KAN CHOW, B.Sc., National Tangshan Engineering College, 1947; B.S., Montana State College, 1950
PAUL JAMES GRIFFITHS, B.S., 1945
RICHARD JOSEPH HABERSKI, B.S., University of Michigan, 1950
JOHN WILLIAM HOLL, B.S., 1949
JAMES MICHAEL JARVIS, B.S., Derby Technology College, 1942
GERALD LEE JENKINS, B.S., 1946
SABAT JOSEPH, B.S., Agricultural and Mechanical College of Texas, 1950
LEONARD KENDY, B.S., Bradley University, 1950
JOSEPH S. LEA, B.M.E., College of the City of New York, 1945
ROBERT RICHARD MALONE, B.S., 1950
MARTIN SEYMOUR OSMAN, B.S., Massachusetts Institute of Technology, 1950
ROBERT HENRY PAGE, B.S., Ohio University, 1949
GEORGE FREDERICK SCHRADER, JR., B.S., 1947
FRANCIS CARL SCHWENK, B.S., Pennsylvania State College, 1949
ELDON JOHN SEAGRIST, B.S., 1943
DONALD ROBERT SHANER, B.S., 1950
ROBERT LOUIS WEHE, B.S., University of Kansas, 1947
LAURENCE BERNARD ZYLSTRA, B.S., University of Washington, 1950

In Mining and Metallurgical Engineering

EDWARD BERNARD GEMPLER, B.S., 1949

In Music Education

LADDY BERNARD BARRON, B.Mus., Illinois Wesleyan University, 1950
BURTON RICHARD BATES, B.Mus., Illinois Wesleyan University, 1946
DEVERNE ALFRED COLEMAN, B.S., Northern Illinois State Teachers College, 1950
DOROTHY ANN PEARCE, B.Mus.Ed., Northwestern University, 1948
MARTIN LESTER ROSENWASSER, B.Mus., Roosevelt College, 1950
WILBER DEAN SIMMONS, B.S., 1949
ROBERT ANDREW SNYDER, B.S., 1950
WESLEY QUAYLE STELZRIEDE, B.S., 1950
DAVID WALTER TUCKER, B.S., 1950
JANET LOUISE VAN MATRE, B.S., 1949

In Physical Education

WILLIAM ARTHUR ADAMS, B.S., Monmouth College, 1947
PAUL DANIEL FRY, A.B., Manchester College, 1939
ARTHUR LANGDON GLAD, B.S., Eastern Illinois State College, 1949
KENNETH LAVERNE KLETTE, B.S., Eastern Illinois State College, 1949
CHARLES JOSEPH KRISTUFEK, B.S., 1949
ROBERT CLIFFORD MEARS, B.S., 1949
PAUL KIYOSHI NAKAMURA, B.Ed., University of Hawaii, 1950
JOHN EDWARD RADOSZA, B.S., Northern Illinois State Teachers College, 1949
CARL ROBINSON, B.S., Colorado University, 1950
MARTIN WOLFSON, B.S., Wittenberg College, 1950

In Physical Sciences

KARL EARL PLUMLEE, B.S., Southern Illinois University, 1948

In Physics

GEORGE SEVERT BAKER, B.S., Purdue University, 1950
CLAUDE BEAUMONT, Baccalaureate Lycée de Nice, 1945
WILLIAM JOHN BERRON, B.S., 1950
JOHN PERRY CEDARHOLM, B.S., 1950
JOHN DANIEL GABBE, A.B., New York University, 1950
RICHARD ROBB HAKE, B.S., University of Colorado, 1950
JACOB MEYER HAMMER, B.S., New York University, 1950
WALTER HELLY, A.B., Cornell University, 1950
JAMES JOSEPH JACKSON, B.S., Yale University, 1950
JOHN KAUFMANN, B.S., 1950
ORA MORLIER KROMHOUT, A.B., Tulane University, 1945
WILLIAM ZACHERY LEMNIOS, B.S., Massachusetts Institute of Technology, 1949
DON BERNETT LICHTENBERG, A.B., New York University, 1950
WILLIAM SCOTT McDONALD, B.S., Illinois Institute of Technology, 1950
WILLIAM MARSHALL MYERS, B.S., California Institute of Technology, 1949
LENO STEPHANO PEDROTTI, B.S., Illinois State Normal University, 1949
HERBERT RABIN, B.S., University of Wisconsin, 1950
NED SHAURER RASOR, B.S., Ohio State University, 1948
DAVID REINER, B.S., Massachusetts Institute of Technology, 1950
WILLIAM HAYMOND ROBINSON, B.S., Oklahoma Baptist University, 1950
ALAN HUGH SCHOEN, B.S., Yale University, 1945
JOSEPH BAILEY SERRETT, B.S., Tulane University, 1950
CARL TATSUO TOMIZUKA, B.S., Tokyo University, 1945
DONALD JOHN TRAPP, B.S., Yale University, 1950
JAMES ADOLPH WEINMAN, B.S., Illinois Institute of Technology, 1950

In Physiology

JOSEPH VINCENT LEWIS CATALANO, A.B., 1949

In Sanitary Engineering

DEWARD MELVIN MARTIN, B.S., University of Virginia, 1949
 GEORGE DERR RUSSELL, B.S., Washington University, 1949

In Speech Correction

MARILYN WILLIAMS ROCHESTER, B.S., Washington University, 1944

In the Teaching of Biological Sciences and General Science

CHARLES LORING BURGER, JR., B.S., 1950
 MILTON DUSTIN DIRST, B.S., Aurora College, 1949
 ROBERT THOMAS SCHOPP, B.S., 1950
 JOHN MILTON WALKER, B.S., Eastern Illinois State College, 1949

In the Teaching of Mathematics

GORDON GOLDMAN, B.S., Roosevelt College, 1950
 HUGH GERALD MANTON, B.Ed., Duquesne University, 1950
 IRENE PATRICIA MONAHAN, B.S., New Jersey College for Women, 1950
 CHARLES RUSSELL STEGMEIR, B.S., 1950

In Theoretical and Applied Mechanics

GENE LEE ARMSTRONG, B.S., 1948
 DON ORR BRUSH, B.S., 1949

In Veterinary Pathology and Hygiene

OLIVER DAVIES GRACE, D.V.M., Colorado State College of Agriculture and
 Mechanic Arts, 1940

In Zoology

GEORGE FREDERICK BOYER, B.S., University of New Brunswick, 1938
 GEORGE GAROIAN, A.B., Washington University, 1949
 CAROL JEANNE HALLOIN, B.S., Wheaton College, 1948
 NATHAN KRAUT, B.S., University of Connecticut, 1947
 DAVID LEE AUGUST LANGEARTEL, A.B., 1950
 JAMES FREDERIC OPSAHL, A.B., University of California, 1949
 KEEN ALEXANDER RAFFERTY, JR., B.S., University of New Mexico, 1950
 DEANE BRUCE WESTLAND, A.B., Franklin College, 1949

Degree of Master of Fine Arts*In Art History*

GEORGE EHRLICH, B.S., 1949

In Painting

WILLIAM CHARLES COLLINS, B.F.A., Rhode Island School of Design, 1949
 ROY ARNOLD GINSTROM, B.F.A., University of Georgia, 1949
 CHRIS KARRAS, B.F.A., 1949
 KEITH DALE KITTS, B.F.A., Cleveland Institute of Art, 1949
 RICHARD FLANDERS SMITH, B.F.A., Yale University, 1948

Degree of Master of Music

DARRELL KEITH McCARTY, B.S., B.Mus., 1950

COLLEGE OF LAW**Degree of Bachelor of Science***In Law*

HAROLD GRIFFITH BAKER, JR.	DONNA RAE KLINGBIEL, with High
RALPH DERRY GLENN	Honors
HENRY GREEN	ANNA BERNICE KUIZIN
JAMES DAVID HASSED	WILLIAM JOHN MEYER, JR.

GERALD WAYNE MOODY
CHARLES BLAINE MYERS
IVER MARTIN NELSON, JR.
JAMES L. PEACOCK
RALPH STEWART PEARMAN
MAURICE PHILIP RAIZES

KEITH EDWARD ROBERTS
FREDERICK MILLS SELKREGG, JR.
DONALD FRANKLIN STORM
DAVID BURFORD STUTSMAN
HERBERT EUGENE TRENNING

Degree of Bachelor of Laws

RICHARD LEROY ACKMAN, B.S., 1949
JOSEPH HOWARD BARNETT, B.S., 1950
NEAL SAUL BRESKIN, B.S., 1950
FREDERICK ROBERT BRISTOL, B.S., 1950
PERRY GUS CALLAS, B.S., 1950
ROBERT HENRY CHRISTENSEN, A.B.,
1949
WILLIAM FRANCIS COSTIGAN, B.S., 1950
DONALD EDWARD ERSKINE, B.S., 1949
ALBERT VICTOR FEDERLE, JR., A.B.,
Fordham University, 1948
WALTER WILLIAM FINKE, JR., B.S.,
1950
JULES SANFORD GERSHON, A.B., 1949
BERNARD GOLDSTEIN, A.B., 1949
FREDERICK SHEPHERD GREEN, B.S.,
1949
GENE ARTHUR GROPP, B.S., 1950
PHILIP ALLEN GROVE, B.S., 1949
MICHAEL MICHAELSON GROZIAK, B.S.,
1950
ROGER EUGENE HAUGHEY
DOUGLAS WYMORE HELM, B.S., 1949
MILTON MOORE HELM, B.S., 1947
RAYMOND PAUL HERNACKI, B.S., 1948
THOMAS DONOVAN HITCH, B.S., 1950
CHARLES RICHARD JELLIFFE, B.S., 1950
ALVIN KAPLAN, B.S., 1949
TYRUS LYNN KAUFMAN, A.B., 1949
WILLIAM GEORGE KILLIAN, B.S., 1950
KERMIT LYNN KNETSCH, B.S., 1948
HOWARD DELMAR KOONTZ, B.S., 1949
CONRAD ADOLPH KREZ, B.S., 1949
LAWRENCE LAWLESS, B.S., 1950
WILLIAM BREWSTER LAWRENCE
JOHN WILLIAM LISTON, Ph.B., Illinois
Wesleyan University, 1949

MERLE MATTENSON, B.S., 1950
RICHARD CHARLES MCCARTHY, B.S.,
1949
DONALD LAWRENCE MERLIE, B.S., 1950
DONALD WALTER MORTHLAND
EDWARD JOSEPH MURPHY, B.S., 1949
WILLIAM JAMES NEMANICH, B.S., 1949
GODFREY JAMES NEMEC, A.B., Univer-
sity of Pennsylvania, 1948
ROBERT CHARLES NICKELS, B.S., 1949
ALLEN ELSWORTH OVERAKER, B.S., 1950
RICHARD STEWART PHILLIPS, B.S., 1950
GEORGE KINCAID PILKENTON, B.S., 1949
LEWIS DELBERT POLLARD
MARION JOHN RAMZA, A.B., 1949
JOHN THOMAS ROACH, A.B., Illinois
College, 1949
JACQUES WILLIAM SCOTT, B.S., Eastern
Illinois State College, 1947
EDWARD WILLIAM SIEBERT
THOMAS STANLEY SLY, B.S., James
Millikin University, 1947
JOSEPH PEARL SMITH, JR., B.S., 1949
WALDEMAR CLEMENS SPOMER, B.S.,
University of Nebraska, 1940
KENNETH MAYER SPUNGEN, A.B., 1950
HARRISON STREETER, B.S., 1949
VINCENT EDWARD THOMPSON, A.B.,
1949
CHARLES RICHARD TURNBOW, B.S., 1947
ROBERT LEROY WELLS, B.S., New York
University, 1944; B.S., 1948
THOMAS DALE WESTFALL, A.B., James
Millikin University, 1950
RICHARD HUGH WILLIAMS, B.S., 1950

Degree of Doctor of Law

JOHN FRANKLIN BELT, B.S., 1949
GEORGE EDWARD HILL, B.S., 1947
PHILLIP BOICE JOHNSON, B.S., 1949
ARTHUR RAY KIEFER, B.S., 1948; with
Honors
DALE WILLIAM MARKWALDER, B.S.,
1950

PRENTICE HENRY MARSHALL, B.S.,
1949; with High Honors
JOHN FRANCIS MCKENZIE, B.S., 1950
JAMES LAWRENCE MORRISON, A.B.,
James Millikin University, 1950

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

JAMES WEGER ALLISON
JOHN WESELY ALMBURG
ROBERT BRYCE ANDERSON

DONALD GILBERT ARENDS
WILLIAM GEORGE ARENDS
GLENN IRWIN ASH

GEORGE DEAN ATTEBERRY
 JAMES ROSS BAIRD, JR.
 RICHARD WILLIAM BANNON
 DONALD CARL BARRETT
 RICHARD DALE BAST
 MARION DALE BATEMAN
 DALE HARRY BAXTER
 HAROLD LEE BEAN
 ROBERT EDWARD BEAR, with High Honors
 JOHN HOWARD BINGHAM
 BYRON LOUIS BODDY, with Honors
 WILLIAM WATEROUS BOKMAN
 WAYNE ALLEN BOUSLOG
 EUGENE MAXWELL BUSHONG
 DAVID ELMER CASH
 ELDON RAY CHAPMAN, with Honors
 WALLACE ARTHUR CLARK
 FORREY BALCH CLAY, with High Honors
 JAMES HAROLD CLOYD
 ROBERT DEAN COLEMAN
 LLOYD WILLIAM CORZINE
 JAMES DOUGLAS COTTRELL, with Honors
 WEBSTER RANDALL CROWLEY, JR.
 HARTFORD DANA CRYDER, with Honors
 MERRILL GENE CULVER
 CARL FRANKLIN CURTIS
 SYLVIA ELAINE DAVIS
 ORVILLE WALLACE DICKHAUT, with High Honors
 WILLIAM ELLIS DIMOND, with Honors
 JOHN KENNETH DOTY
 JOHN PATRICK DRISCOLL
 ROBERT MORTON EDWARDS
 ROBERT DEAN ELBERT, with Honors
 QUINTIN KING ELLIOTT
 JAMES WARREN ELLIS, JR.
 HOWARD WILLIAM IVAN FABER
 CHARLES R. FINLEY, with Highest Honors
 LAYO NEIL FLICK
 HENRY EARL FLITZ
 HARVEY MAX FRANK
 DAVID LEWIS FRIEDMAN
 GERALD GENE FULLER, with High Honors
 MYRON POWELL GAITHER
 CHARLES LEON GALBRAITH
 RICHARD RYAN GALE
 GERALD LEE GANSCHOW
 JOHN FORREST GARRISON
 EDWARD LAURENCE GILBERT
 THOMAS HERBERT GORDON
 ROBERT WALLACE GRAHAM
 WILLIAM FLOYD GRIFFITHS
 LLOYD GRISHAM
 ARTHUR AUGUST GROSENHEIDER
 JAMES WILLIAM GUILINGER
 DUANE VERYLE HAAS
 ROBERT WILLIAM HAGENOW
 GEORGE ALEXANDER HARCUS, JR.

WILLIAM JOSEPH HARVEY
 ROBERT LESLIE HENNINGER
 THOMAS HENRY HILL
 HOBART ROSS HINDERLITER, with Highest Honors
 WILLIAM RUSSELL HOBSON
 ROBERT WAYNE HOFFMAN
 FREDRICK JOHN HOLHUBNER, with High Honors
 HAROLD ARTHUR HOLZ
 CHARLES ROBERT HULL
 DELBERT EVERETT JACKSON
 WILLIAM HENRY JACKSON
 ALLAN JACOBSON
 ROBERT EUGENE JONES, with High Honors
 FRED EDWARD JUSTUS, JR., with Honors
 ROBERT GREGORY KANTAK
 DALE ROBERT KEEN
 JAMES ROY KELLEY
 FRED WILLIS KERR, with Highest Honors
 HAROLD LEON KIMMEL
 BOYD BERTON KNUPEL
 ANTHONY JOSEPH KROUPA
 ROBINSON DIEHL LAHMAN
 JOHN RAYMOND LAUER
 LAWRENCE WILES LEFEVRE
 ROBERT NOBIS LOITZ
 CHARLES MARSHALL, with Highest Honors
 JOHN ROBERT MARTENSON
 ROY LEE MASHANEY
 BEVERLY BURTON MCCORD, with Honors
 WALLACE RAY METZ
 RONALD HARMON MEYER
 DONALD ATCHISON MILES
 DEAN JOSEPH MILLER
 LOY MILFRED MILLER
 RALPH JOSEPH MOENS
 ROGER CLARENCE MOHRMAN, with Honors
 WILLIAM DELMER MURPHY, JR.
 OLLIE BUTLER MYERS, JR., with Highest Honors
 PHILLIP WILLIAM MYERS
 CHARLES EDWARD NELSON
 DAVID MARTIN NELSON
 FRANCIS ERNEST NELSON, with Honors
 MARVIN DALE NORDMEYER, with High Honors
 CHARLES WILLIAM OGLE
 JAMES LESLIE O'HARA, with Honors
 MERRILL WILLIAM GEORGE OTTWEIN, with Highest Honors
 DEAN FREDRICH PAULSMYER
 DONALD RICHARD PELLIKAN
 RICHARD NEAL PICARD
 ARTHUR GEORGE PILLE, with Highest Honors
 MYRON LYNNELL POWELL

GEORGE FREDERICK PROBANDT
 FRANK JOHN RANDALL, JR.
 ROSCOE RANDELL
 NELS PETER RASMUSSEN
 HARRY THOMAS REARDON, JR.
 LEROY JESSE REEDER, JR.
 DANIEL GUNDER REESE
 CHARLES LOREN RHYKERD
 LAUREL EDWARD RICHTER, with High Honors
 STAYTON CLARENCE ROEHM
 DONALD LYON ROSEBERRY, with Honors
 DAVID LEROY SCHAFER
 LOUIS WILLIAM SCHIERMAN, with Honors
 EDGAR MARVIN SCHLEEF
 WALTER JAMES SCHLICHTING, with High Honors
 LELAND GENE SCHMALING
 ROBERT BENJAMIN SCHOENE
 DONALD LAVERNE SCHRIEFER
 PAUL GUSTAVE SCHULZ, JR.
 JOSEPH PEYTON SCHWERER
 ROBERT AUGUSTINE SCOTT, with Honors
 MYRL VANCE SEITZINGER
 AARON EUGENE SELL
 CHARLES KEITH SHECKLER
 FREDERIC JEAN SIEBENMANN
 RUDOLPH RICHARD SIIRA
 ROGER CAROL SIMMS
 LOWELL CURTIS SIMS
 RALPH MATHERS SLOMAN, with Honors
 HOWARD HAMILTON SMITH, with Highest Honors
 NORTON EUGENE SMITH

HERBERT SAGE STEFFENS
 JAMES WILLIAM STEWART
 GEORGE WILLIAM STONE
 JAMES RAY STOFFER
 JAMES DALE STUCKEY, with Honors
 GERALD STARNER STUFF
 JOHN BURTON SWISHER
 DONALD RAY TATE
 JOHN BLAIR THACKERAY
 WAYNE FRANCIS THOMPSON, with High Honors
 FRED CARL THORP
 ROBERT FREDERICK TIMM, JR.
 ALBERT DALE TOWLER, with Honors
 PAUL LARUE TROVILLION, JR., with Honors
 RALPH WILBERT TWENHAFEL
 CHARLES CANDLER VIAL
 GERALD WILLARD WAGONER
 ROLLA DALE WALKER
 DEANE ARLIN WEIHMEIR
 WARREN KEITH WESSELS
 GERALD AUSTIN WHITE, with Honors
 WAYNE LEE WHITEHEAD, with High Honors
 WILLIAM FRANKLIN WHITESIDE, with Honors
 STANLEY MEADE WHITLOCK, with High Honors
 RALPH EMERSON WILLIAMS
 ROBERT LASWELL WILLIAMS
 DWIGHT EUGENE YOCKEY, with Honors
 WILLIAM HAVILAND YOUNG, JR.
 KENNETH NEIL ZIMMERMAN
 WALTER EDWARD ZUSCHLAG

In Dairy Technology

DAVID HAROLD BRAZELTON
 MARTINIANO TIMBOL FLORO, JR.
 JOHN KARL HOOVER, with Honors
 LESTER RAYMOND JOHNSON

JAMES LOWELL KENNEDY
 JAMES ALFRED ERNEST SCHMITT
 ALVIN ARTHUR SCHUMACHER
 RICHARD DANIEL SVOBODA

In Floriculture

JAN WALLACE ABERNATHIE
 JOSEPH BRAUN BANNON
 JAMES CAMPOBELLO
 DONN DOLBY, with High Honors
 JACK JOSEPH FRIED
 JUANITA JUNE GILBERT
 WILLIAM T. HENDERSON, with Honors
 JAMES INGELS
 ROBERT ANTON KOPECKY
 SAMUEL RICHARD KUTCH
 MELVIN HERBERT LETCHINGER

ALICE MAY MACHOTKA, with Highest Honors
 ROY JOHN MUCHNA, with Honors
 JACK RUSSELL MULHOLLAND, with High Honors
 VIRGINIA NEVILLE SAUPE
 JOAN LOUISE SIBBITT, with High Honors
 WILLIAM EDWARD STEINBRECHER, JR.
 WILLIAM LYLE STIELOW
 JOHN WILLIAM WIENKE, with Honors

In Food Technology

GEORGE NORMAN BOOKWALTER
 GENE LEE KESSINGER

HENRY CHARLES VACKETTA

In Home Economics

ROBERTA SMITH ARCHER
 ROSEMARY ANN ARCHIBALD, with High Honors

CATHERINE ARONDELLI BAUMANN
 JOY MARTHA BISKI
 MARY EVONNE BUESCHER

JOANNE LOMAX CERLING, with Honors
 PATRICIA MARIE CONNELL, with Honors
 IRIS JEAN COX
 LOIS IVONNE CRAWFORD, with High Honors
 PATRICIA ANN CROWLEY
 ANNABEL LEE ETHERTON
 EMILY JEANE FISHER, with High Honors
 PATRICIA ANN FORBES, with High Honors
 MARY ALICE FREIS
 BETTY JEANNE GLAWE
 WILMA HENRIETTA LOUISE GRAESSER
 SARAH GRISWOLD
 MARY ELLEN HALL
 MARY LOUISE HAMMER
 MARY ALICE HANCOCK, with Honors
 BARBARA MARY ANNE HUMPHREY
 NORMA PHYLISS JENNINGS
 CORA ROBERTA JOHNSON
 EVELYN LOIS JONES
 LOIS ESTHER KEEBLER
 MARILYN JOAN KETTELKAMP
 MARY KATHRYN ARMSTRONG KIMBLE
 JO ANNE KORITZ
 GLORIA NANETTE KRAMER, with Honors

ELIZABETH ANNE KUSTNER
 AUDREY LENORE LANGE
 BERNETHEA A. MATHEWS, with High Honors
 JOAN THERESA McDONALD
 JOYCE WILSON McLAUGHLIN
 BETTY MARIE MITCHELL
 GENEVIEVE BERNICE NEWLIN
 DELORES LOUISE PARROTT
 HELEN T. RUIZ
 JUANITA ANN SCHULZE
 MABEL RUNKEL SOUTHARD
 FRANCES ELIZABETH STERLING
 LUCILLE MANDEL STUENKEL
 NAOMI ANN SWANSON
 CAROLYN JEAN THEURER
 GENEVIEVE BISCHOFF THOMPSON
 CHARLOTTE EMMA VOGT
 MARTHA JEAN WEBSTER
 CLAIRE ARLENE WILDEMAN, with High Honors
 EVALYN SMITH WILKINSON
 KATHRYN MURIEL WOLTER
 CHARLENE MAY WOODSON, with High Honors
 GWENDOLYN LOUISE WRIGHT

In Home Economics Education

MARILYN JOAN AUGSPURGER
 DOROTHY GRACE BAITY
 BERNICE MAURER BAMMANN
 ALICE JANE BULL, with Honors
 MARGARET JEAN BURRIDGE
 CAROL JUNE BUTLER
 DOROTHY LEE DORMIRE, with Honors
 PATRICIA LOUISE FEASTER, with Honors
 CAROL CHRISTINE FRIES, with Highest Honors
 DOROTHY EDNA GIESE, with Honors
 MARGIE LOUISE GROVES
 MARY EMILY HAUBER, with Highest Honors
 LOUISE MARGARET HODAM, with High Honors

DOLORES MAY JANAK
 PATRICIA ANN LANGFORD
 DOROTHY JUNE MCKINLEY, with High Honors
 SHIRLEY ANN MILLER, with Honors
 PATRICIA EHMANN PRICE, with Highest Honors
 MARY ELIZABETH SERVEN, with High Honors
 ROSEMARY HELEN SHEPHERD
 BARBARA LUCILLE SHISSLER
 NELLIE MARIE TURNER
 MAIRIAM ROSALEA WERNOWSKY
 MARIAN ALICIA WIRTZ
 NANCY LOUISE WRIGHT, with Honors

In Restaurant Management

VIDA JUNE KERSCH, with Honors

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

JAMES HERBERT ADAMS
 MITCHELL LAWRENCE BARNETT
 GERALD MITCHELL CAMPBELL, JR.
 JOHN LEROY CLURE
 GUY EDWARD DICKEY
 JOSEPH SYLVESTER DOCK
 SEYMOUR FOGELSON

DAVID WILLIAM GOSSE
 DONALD GEORGE HENDRICKS
 JACK EDWARD JENSEN
 FRANCIS WILLIAM JOYCE
 ALAN BERNARD KEHLET
 WERNER WILLIAM MEYER
 FELIX OU

BOBBY GENE SMITH
JOSEPH MICHAEL SOLA
HENRY JEROME STACHOWSKI
ROBERT KING TINDER

HARVEY ARVID WALLSKOG, with
Honors
JAMES CUTTER WATSON
RICHARD ELLIS WHALEY

In Agricultural Engineering

ELVIN LAMAR CARLSON
DAVID ELMER CASH
JERE GEORGE CASTOR
JOHN DEAN FITZGERALD
LEONARD YETTER HARDY
WAYNE EVERETT HARTMAN, with
High Honors

ROBERT LEE KNIGHT
PAUL WILLIAM KOCH
HOWARD DARRELL KRAFT
LAWRENCE LOVELL WATSON

In Ceramic Engineering

RAYMOND JOSEPH BROWN, with Honors
BLAKE FREDERICK CARTER
JOHN CHERRY HALL
RICHARD NEWMAN HUDD
ALFRED MORENA
LAWRENCE ERIC NORDQUIST
RAYMOND WILLIAM PARKER
ROBERT HAROLD ROSENDALE

CHARLES KRUMBACH RUSSELL, with
High Honors
ROBERT WILLIAM SCHAEER
ERVIN WILLIAM SCHUETZE
ANDREW WILLIAM STATHIS
ROY EVERETT THOMPSON
CHARLES DELANO WAGNER

In Civil Engineering

ROY AARON
DON EARL ANDERSON
WILLIAM FREDRICK ANDERSON
FRANK HENRY ANDREJASICH
LAWRENCE COPLAND AUBY
EARL THOMAS BALKUM
GEORGE MILTON BAYER
GORDON CHARLES BEHNKE
ERICK BURTON LEROY BERGSTROM
JOHN HENRY BLECK
JAMES BAYNARD BOULDEN
LOUIS BOWMAN, JR.
DONALD FRANK BROCKROGGE
RICHARD LEE BROWN
ANTHONY LEWIS CALCATERRA
ALBERT MELVIN CARSON
EDWARD MARTIN CERNY
HENRY WILFRED CHAN
NEIL MARTIN DENBO
ROBERT CLAYTON DOWNS
JOHN JOSEPH FICK
WILLIAM JOHN FLATHAU
JAMES BERNARD FOSS
RICHARD JOSEPH GAWLAK
JAMES FRANCIS GEORGE, with
Honors
EDWARD R. GREIFZU, with
High Honors
ARTHUR RICHARD GRIMM, JR.
RALPH CRANE HAHN
GERALD EDWARD HANN
WILLIAM DEAN HARTWELL
HARRY OSCAR HEFTER
MARION ELZIE HENLEY
ROBERT RICH HENSS
HARWOOD OXLEY HERLOCKER
LYMAN EUGENE HOADLEY

RONALD ANTHONY HOEFLE, with
Honors
WILLIAM DEE HOLMES, with Honors
ELMER CHARLES HONATH, JR.
DONALD EUGENE HOUSER
HAROLD POLAND HULETT
ROBERT CLARENCE KING
HAROLD LEROY KOENIG
STEPHEN THOMAS KOSTECKE
ORLANDO ARTHUR KRUEGER
FRED FRANCIS KWASNIK
JOHN LANGAS
HAROLD ALBERT LARSON
HARRY DANIEL LEROY
NORMAN MARTIN LUCAS
LEWIS MACDONALD
JOHN EARL MARKS, with Honors
JOHN LAWRENCE MATAYA
KENNETH DAVID MENDELSON
DEAN CHARLES MERCHANT
WAYNE VICTOR MILLER
CONSUELO WRIGHT MINNICH
ROBERT HAROLD MITCHELL, with
Honors
WILLIAM HOWARD MOLUF
ARTHUR LEONARD MURPHREE, JR.
RAYMOND RICHARD OHLGREN
ROBERT LEE OLANDER
JOHN WILLIAM PARISH
ROBERT HARLIN PATCH
JERRY ALLYN PATTERSON, with
Honors
ROBERT CHARLES PETERSON, with
Honors
ROY HERMAN PETERSON, JR., with
Honors
JOHN WALTER RATZKI

DONALD WILLIAM REILLY
 HARRY DWIGHT RIMBEY
 PLEASANT HARVEY ROBNETT
 JAMES JOSEPH ROEMER
 LEONARD MANUEL SANKSTONE
 PAUL BILLY SAYAD
 JAMES EDWARD SCHAFER, with Honors
 PAUL WILLIAM SHULDINER, with
 High Honors
 GLENN ALLEN SHUNNESON
 EDWARD ROBERT SIMONSON
 JAMES STANLEY STEIN
 CHARLES VINCENT SULLIVAN
 ANDREW GRANT SUTHERLAND

CHARLES CLEMENTS SWENSEN
 LAVERNE HOWARD TARR
 ALLEN SOLOMON TORBECK
 WALTER JOHN TUDOR
 GEORGE ISAMU UJIYE
 DONALD MCKINLEY UNDERWOOD
 NICK ROBERT VIRGILIO
 RICHARD ARTHUR VOGEL, with Honors
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In Chemistry

CLEMENS JOHN ACKERMAN
 ROGER EDWARD ANDERSON, with Honors
 JOHN WILLIAM BARTHEL, with Honors
 NIKODEMS ELIJS BOJARS
 FRANK ERNEST CHADDE
 ERWIN BURTON CHARK
 ROGER ALLEN CRAWFORD
 JOHN DRENCHKO
 PETER DRENCHKO
 JOHN EDWARD FRANZ, with Honors
 LOTHAR ERNST GEIPEL
 RICHARD E. GLICK, with Highest Honors
 ROBERT LELAND HARRIS, with Honors
 HAROLD JAFFE, with Highest Honors
 OGDEN CARL JOHNSON
 ALDEN DWAYNE JOSEY
 DONALD LEROY KLASS, with Highest Honors
 MERRILL THEODORE KOSTER
 ALFRED ASCHER LEVIN
 ROBERT JOHN LONDRIGAN
 WILLIAM WALTER MARSHALL, III
 VIRGIL EDISON MATTHEWS, with Honors

WILLIAM LEE MCLEISH, with Highest Honors
 HARRIS EDWARD PETREE, with Highest Honors
 GEORGE WINSLOW PRICE
 WILLIAM ARTHUR RUYTER
 RICHARD JOHN SAFADY
 JEROME STANLEY SALLO, with Highest Honors
 SHELDON GERALD SHORE, with Honors
 ALBERT LOUIS SIEG, with Honors
 MICHAEL CHOCK IN SIU
 NORMAN BLAIN SMITH
 ROBERT CARL SPRINGBORN, with Honors
 HERMAN H. STEIN, with Highest Honors
 EDWARD COLLIER STIVERS
 JOSEPH ARTHUR VRDOLJAK, with Honors
 KENNETH DONALD WALTER
 RAYMOND PAUL WESTERDAHL
 DONALD EUGENE WIESMAN, with Highest Honors
 JOHN DONALD WOLSZON

In Liberal Arts and Sciences

MASUJI JAMES AKAGI
 ALAN ALLER
 JOHN MCKEOWN ALLISON
 PAUL HENRY ANDERS
 KARINE E. ANDERSON
 LENORE JANE ANDERSON
 LOIS KAHL ANDERSON
 EDMUND GEORGE ANDRACKI
 DOMINIC SALVATORE ARBISI
 ROBERT EUGENE ARMSTRONG
 WILLIAM HURST ARTHUR, with Honors in Chemistry
 HOMER LEE ASH
 EDWARD FRANCIS BAER
 LORRETTA HELEN BAK
 MARTIN ALBERT BANG
 STUART FERNALD BAPTISTA
 RANDOLPH JEFFREY BARTH
 MARGERY ELLEN BASKETT
 JAMES EDWARD BAUERLE
 KENNETH EDWARD BEAMAN
 BERNARD BENDINER
 RICHARD CHARLES BENES
 MAHLON LEE BISHOP
 RAYMOND FRANK BLACKARD
 HENRY GEORGE BOBOTEK
 ALBERT JOSEPH BONA
 OTTO BOUC, Jr., with Honors in Psychology
 WILLIAM FINNEY BRINEY
 JAMES BROWN, Jr.
 ALBERT DAVID BROWNSTEIN

EDWARD LEONARD BUSCH
 LEO HUGO CAPOCCHI
 RUSSELL WEBSTER CARTER
 JACK REMO CENTURY
 JOSEPH MANGET CHANG
 ELAINE ANNE CHERPECK
 RUBY EONG CHIN
 THOMAS MICHAEL CHRISTIE
 ROBERT CLAYTON COBERLEY
 SHELDON COHEN
 RAYMOND DAVID COOPER
 STEPHEN HEYWORTH CROSS
 MELVIN CROWELL, JR.
 JEROME RICHARD CZOCHER
 RICHARD PAUL DEBIEC
 JOSEPH RUBY DIAMOND
 GEORGE LEWIS DICIRO
 BERNICE LOTTIE DMUCHOWSKI
 ROBERT WILLIAM DOEHLER
 EUGENE GERALD DORN
 AUDREY ROSALIA DOWLING
 ROBERT EDWIN DROM
 JOANNE PAULINE EDWARDS
 EDMOND I. EGER
 MARY ELLEN ELKIN
 NORMAN CARL ELLISON
 LOIS MAE ENDRESS
 ROBERT ENG
 ELIZABETH ANNE ENGLER
 CHINOREE TSUNORU ENTA
 DONALD BURTON FELDMAN
 LLOYD ALLEN FERGUSON

GUIDO JAMES FIACCO
 CHARLOTTE LOUISE FISCHER
 DONALD FRANK FISCHER
 HOMER LUTHER FLEISHER, Jr., with
 Honors in Chemistry
 BARBARA BRANDEL FRANK
 GERALD ALBERT FRANKLIN
 DWIGHT WARREN FREEMAN
 ROBERT FRED FREEMAN
 ARTHUR J. FRIDUSS
 DONALD IRVIN FUNK
 STANLEY IRWIN FURIE
 RUSSELL JOSEPH GANGICHIO
 MARVIN GARFINKEL
 MARION JULIA GNAT
 ROBERT SAMUEL GOLDBERG
 OLGA KATHERINE GOLOSINEC
 HELEN PATRICIA GRADY
 NAHMAN HAROLD GREENBERG
 HOWARD GUREVITZ
 JOSEPH WILLIAM HAGEMAN
 WILLIAM ATCHISON HANSON
 DELBERT LEROY HARRIS
 ALICE JEAN HAUNGS
 EVELYN JEAN HOOPER
 GEORGE RAY HRUBANT
 LEAH ELINOR HUBER
 HAROLD RICHARD HUEBNER
 REUBEN HAMBY HUFF
 FRED JOHN IMPASTATO
 JAMES HUTCHINSON IRONS
 ETHEL ISAAC
 HOWARD OLIVER JACKSON
 FRANK LUKEBILL JENKINS
 CALVIN PAUL JINGST
 ROBERT EDGAR JOHNSEN, Jr.
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 RALPH WILLIAM JOHNSON
 PAUL KENDRICK JONES
 KARL JOSEPH KADLUB, Jr.
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 EUGENE MITCHELL KAMYKOWSKI
 DONALD KENJI KANEMARU
 ARNOLD KATZ
 PAUL ROBERT JOHN KELLEY
 SIDNEY KIRCHHEIMER
 ROBERT WILLIS KOUCKY
 LEOKADYA JOSEPHINE KOZLOWSKI
 JOSEPH GARTH LAMBRIGHT
 JOSEPH LASSMAN
 SONJA LEVA
 JACK LEON LEWIS
 WILLIAM KALMAN LICHTENSTEIN, with
 Honors in Zoology
 MILES KENYON LIVINGSTON
 JAMES WILLIAM LONERGAN
 ROBERT WARREN LONG
 JOYCE OLEVIA LORTON
 JOHN PAUL LUVISI
 ROBERT OTHO LEONARDO LYNN, Jr.
 EDWARD BARON MAGID
 ALFRED MORTON MAGILL

MARJORIE RUTH MAHRT
 GEORGE ASIL MANN
 ARTHUR CHARLES MARTELLO
 RUSSELL JAMES MAY
 PHILIP FENN MCCORMICK
 JOHN THOMAS MCENERY
 KENNETH VINCENT MCMAHON
 EARL SIMON MEYER
 JORDAN EMMANUEL MILLER
 JOHN NORTON MILLERD
 THOMAS EDWIN MOORE, with Honors
 in Entomology
 MARTIN LEON MORRIS
 MARVIN S. MORRISON
 MARY ELLEN MORRISON
 ROBERT OSCAR MULHAUSEN
 HERBERT TAKAO NAGATA
 ELEANOR DOLORES NATHAN
 MILTON NIDETZ
 JACK CLAYTON O'BRIAN
 JOHN DAVID OCKERT
 RUTH ELIZABETH OLIN
 ROBERT STEVE ONDREJCIN
 MARIO DOMINIC ORIATTI, with Honors
 in Zoology
 NORALDEAN MARIE PALECEK, with
 Honors in Bacteriology
 KEITH ROBERT PALM
 KENNETH JAMES PALM
 JOSE ERNESTO PAREDES
 MARIAN LOUISE PARKS
 JAY CHARLES PASS
 DAVID HARVEY PAUKER
 ROBERT JOHN PIETTE
 JOSEPH FRANCIS POERIO
 RICHARD JOHN POZDOL
 EDWARD JOHN PYRCHLA
 JOHN THOMAS PYZYNSKI
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 LEONARD QUARTETTI, Jr.
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 KEITH RICHARD RABINOV
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 RAMONA JEAN ROGERS
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 CECIL DALE RUSH
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 CALVIN MILTON SANDERS
 WILLIAM NORMAN SANDRI
 ARTHUR ERWIN SAVITT
 JOHN CARLTON SCHMIDT
 PAUL EUGENE SCHNURR
 CHARLES FREDRICK SCHUMACHER, with
 Highest Honors in Psychology
 MAURICE ALLEN SCHWARTZ
 MANDEL SCHWARZ
 VIVIAN JEAN SHRONTZ
 JAMES RICHARD SINGBUSCH

GUY WILLIAM SMITH
 JAMES WILLIAM SMITH, JR.
 RICHARD EUGENE SMITH
 JOHN WILLIAM STANLEY
 IVAN JULIUS STERN, with Honors in
 Bacteriology
 RAYMOND HOWARD STERN
 DONALD ROBERT SUTHERLAND
 RICHARD SHELDON SWOISKIN
 JOSEPH LEE SYMMONDS
 JAMES MCGUFFIN TERRILL
 JOHN EDWARD THOMAS
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 Honors in Geology
 BRUCE HARRY WEGENER
 LLOYD RICHARD WELCH, with Highest
 Honors in Mathematics
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 JOHN ANTHONY ZALESKI
 FRANK JACOB ZELLER
 WARREN GILBERT ZIEBELL
 EUGENE LYLE ZIEGLER
 WILLY KARL ZIMMERMANN

In Speech Correction

NANCY ANN BRUE, with High Honors
 GEORGIA FRANCES BUSHNELL, with
 Honors
 MARILYN JEANNE CREATH
 CLARISSA ANN FARIAN
 BARBARA JOAN FINK
 ELLEN ANNE GERNON
 MARY ELIZABETH HAINSWORTH
 MARILYN BEVERLEE KIPNIS

BETTY MOORE LESUEUR
 PHYLLIS ARLINE LUCAS, with Honors
 HARRIET OLSCHANSKY, with High
 Honors
 NAN LOUISE SIEVE
 CAROL HERRICK THOMAS, with High
 Honors
 NOREEN VIOLA ZAKS

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MARILYN LOUISE BRIGGS, with High
 Honors
 DOROTHY MAE BULLOCK
 DEAN FRANCIS CORTRIGHT, with Honors
 ROBERT LEE GERHART
 JUNE EPHGRAVE HIGHSMITH, with
 Honors

PAUL CHARLES LIPOLD
 JOSEPH THADEUS LISZEK
 NORMAN CARL SCHENCK, with Honors
 JOAN LYDIA THOMAS
 MILDRED ANNA VITEK, with Honors
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ALLISON LEVERETT AUGUR
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 Highest Honors

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 JOSEPH EMIL VIZEK

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 JULIEN ARTHUR CONRARDY, with
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 GEORGIA BROWN PETRIE
 ROGER LEWIS WILBRANDT

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MARY FRANCES BURR, with High
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 AUSTIN FORD LINDLEY, with High
 Honors

PHILLIP RONALD RENDONE
 LAURA JOYCE WHITE, with Highest
 Honors

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JOHN WARREN GRANT, with High Honors

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Degree of Bachelor of Science

In Library Science

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THEODORE ARTHUR RUPPRECHT, JR.

RICHARD HAROLD SCHIMMELPFENG

PATRICIA WEBSTER TABLER

COLLEGE OF EDUCATION

Degree of Bachelor of Science

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DOLORES FAY AHRENS

EWEN MARION AKIN

WILLIAM TIPTON ALLEN, with Honors
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PAUL FRANKLIN BARTHEL

DOROTHY DOWNEY BASH

WILLIAM HOWARD BIRKETT

MARJORIE ANN BLEVINS

JEAN CAROLYN BRADSHAW, with
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JANICE TIBITHIA BRETHORST

EDNA BELLE BROOKS, with Honors
in English

PHYLLIS JEAN BROWN

GENE JAMES BUWICK

HAZEL ELAINE CARR

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DOROTHY JANE CARTER

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in EducationJACK EDWARD CLINTON, with Honors
in Spanish

CONSTANCE JOAN CONNOLLY

PATRICIA ANNE COULTER

GLENN ALBERT COXHEAD

MARY KAY CULVER

DONALD IRA CUTLER, with Honors in
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NANCY ROBERTS DRAFER

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Honors in Political Science and
in Education

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Spanish and in EducationVIRGINIA KITCHEL FARRAND, with
Honors in EducationBETTY JANE FENN, with Honors in
EducationMARGARET HILFER FLANAGAN, with
Honors in EducationSALLY JANE FROST, with Honors in
Education

JANET LARSON GARDNER

RUTHE NANCY GOLB

MILDRED DYE GRAY

NANCY ALEXANDER GRAY

JOHN WILLIAM GRITTON

WILLIAM FRANK HAAS

JOAN ELIZABETH HALLSTED

RUSSELL VERNON HAVEMANN

DONALD ELLIOTT HENRY

RONALD DEAN HICKERSON

BETTY HIRSCH, with Honors in
Spanish

JEAN ANN HOLTZMAN

HAROLD HAGIE HOST

BETTY LOU LUSK HUGHES

MARY ROSEMOND HURST

EARL RAY HUTCHISON

KATHRYN MILLICENT JACOBSON

CAROLYN SUZANNE JUERGENSEMEYER

JUNE ROSE KAKACEK, with Honors in
EducationDONNA RAE KARLIN, with Honors in
Spanish

MARILYN KATZ

RUTH ALICE KLEINSMITH

LORRAINE JANET KRATOVL

ALDONA-ANASTAZIJA KRIKSCIUNAITE

WALTER STANLEY KRUGER

DOROTHY MAE LESLIE

DOROTHEA ANNE LEVY

SHIRLENE RUTH LEZAN

DORIS RITA LOEWENBERG

BETTY JANE LUCITO

MARY MAREK MAGMER

DEONNE MANN

FLORENCE ROSE MARZANO

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MARTHA ROSE MIZINSKI

GERALDINE FRANCES MOLDOVAN

MARY LOU WALKER MOORE

LEE GUY NELSON

VERNON LAWRENCE NELSON

HOWARD A. I. NEWMAN

MARIAN LOUISE OSBORN

MARILYN SHAW OSBORNE

JOYCE ELIZABETH PETERSON

ROBERT LAWRENCE PRICE

ELIZABETH JOYCE RENFRO

HELEN ELAINE ROSS

DOROTHY JUNE SCHLOSSER

CHARLES DAVID SCHULBACH

WILLIAM PRESLEY SCHREIBER

JUDITH ANN SEBASTIAN

JOAN MARIE SHADENSACK

MARY LOUISE SHUGERT

LOIS MARILYN SIRON
 JO ANN RING SITZLER
 RITA SJUNNESSON
 LOIS LEONA SMITH, with Honors in
 Education
 JOSEPH PAUL STELLA
 GRANT WILSON STORCKMAN
 IRIS THALL
 JOHN HIRAM THOMPSON

MARILYN JEAN TOOMBS
 AJEAN TORNELLO
 ROSEMARY THOMAS WAGNER
 RUTH ANN WARSHAW
 MARY CATHERINE WHEELAN
 BARBARA HELEN WITTY
 HERBERT ALFRED WOLF
 DORIS MOSELEY WUEBBENS

In the Education of the Deaf

KATHERINE JANE MERRIMAC
 SHIRLEY CHRISTINE MEYER

GEORGIA ANN SIMON, with Honors in
 Education

In the Education of Mentally Handicapped Children

PHYLLIS JOANNE CRUTHERS
 BARBARA SUE HANDELMAN
 BETTY LOU LEPP

EVELYN JEAN RAPPEPORT, with Honors
 in Education
 JOAN STONE

In Industrial Education

THOMAS ROBERT CHUBB
 ALFRED HAMM
 RICHARD LAWRENCE MOORE

WILLIAM CARL SCHNEIDER
 WILLARD FRANCIS SIVILLE
 CHARLES ALLEN SMITH

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

RALPH EUGENE ABBOTT
 WILLIAM SAMUEL ALDERSON
 LYLE INGEMAR ANUNDSON
 CHARLES EDWARD ARNETT, with
 Honors
 LOUIS DELBERT AUDI, with Honors
 MARVIN BEN AXELROD
 ELBERT MORTON BLAISDELL, with
 Honors
 RICHARD HENRY BLESSMAN
 JOSE NOEL BORROMEO
 ROGER WAYNE BOYLL
 JAMES RICHARD CAIN
 EUGENE JOSEPH CHERVINKO
 CHARLES ROBERT CHODORA
 WILLIAM LEE CLARK
 DONALD HOYER CLOONEY
 AARON COHEN, with High Honors
 ARTHUR ALLEN COOKSEY, with High
 Honors
 VERNE EVANS DAEHLER, with Honors
 JAMES A. DAVLIN
 ROBERT FRANK DRULEY
 JOHN ALBERT DUNGAN
 JOHN WILLIAM EICHMAN
 RALPH FISHMAN
 EDWIN ARTHUR FOLEY
 LAWRENCE SHERMAN FORDHAM, with
 Honors
 THOMAS FRANK FUSSELL, with Honors
 RAYMOND GADDEY, JR.
 ROBERT EDWARD GARRELS
 PAUL EDWARD GLAVIN
 HARRY RICHARD GOLDNER

SEYMOUR NORMAN GORDON
 JOHN WILLIAM GORMAN
 ARTHUR IRWIN GOULD, with Honors
 LAWRENCE WILBUR HAMILTON, with
 High Honors
 HARRIETT MARTHA HAUSER
 GERALDINE CLARE HENNEBERRY
 ALICE GILLETTE HICKEY
 KENNETH RALPH HOOVER
 ALBERT EARL HUNZIKER
 JAMES HERBERT HURT, JR.
 EARL WYLLYS HYMES
 RICHARD GEORGE EDWARD JAHN, with
 Honors
 DONALD J. JASINSKI
 LEONARD ARTHUR JORDAN
 WILLIAM ERNEST JUOLL
 GEORGE PAUL KAPPA
 EARL JOSEPH KEATING
 VIRGIL ALEX KNIGHT
 PETER GUST KOUMAS
 OSCAR MARVIN KRIEGMAN
 HAROLD BREESE LAWLER
 DONALD CLARK LEHMAN
 HOMER GRANT LEMKE
 WALTER LEONARD LEWICKI
 CHARLES EARL LEWIS, with Honors
 JOSEPH MAISTO, JR.
 ROBERT WILLIAM MALLOW
 JAMES WILLIAM MALOTTI
 WILLIAM RAYMOND METTE, JR.
 RICHARD LOUIS MILLER
 RUSSELL EUGENE MILLER
 ANGELENE M. SOLIDAY MITCHEM

GUNVALD MOEN
 CLAIREEN LAVERN MOLZAN, with
 Honors
 NORMAN PAUL NALEFSKI, with High
 Honors
 EUGENE CONRAD NICK, with Honors
 WAYNE HARLAN OBRECHT, with High
 Honors
 ETHEL LOUISE ROGERS OLER
 WILLIAM HARVEY OWENS
 GUY COBURN PACKARD
 RICHARD CHARLES PAINE, with High
 Honors
 ALBERT EDWARD PETERS, with Honors
 ANDREW WARREN PETERS
 DONALD WILLIAM PIERSOL, Jr.
 JAMES ORVILLE POTTER
 JOHN CHARLES PRINCE
 GEORGE CHARLES RIEDLE
 SHELDON ROTH
 KALMAN ROSENBAUM
 JERRY THOMAS RUDMAN

RICHARD ALLEN SANDLOW
 PAUL PHILIP SCHROER, with Honors
 HARRY OTIS SEITZINGER
 CHARLES EARL SEXAUER, with Honors
 LEON DEVERE SHELDAHL
 DEAN ALLEN SMITH
 ROY BERNT SOVE
 SIDNEY MARVIN STAFFORD
 JOHN FRANCIS STENGEL, with Honors
 MORTON ALVIN STERNBERG
 JAMES MILTON STUART
 JACK RICHARD STUEBE
 RAY FRANCIS SZYMONIAK
 ROBERT WILBUR MARTIN TRARES
 CASIMIR THOMAS TROYANOWSKI
 WILBUR JAMES WALCK
 CHARLES ARTHUR WALKER, Jr.
 ROBERT FREDERICK WANK
 TIBOR WEISBERGER
 BARRY ROBERT WILK
 ELMER CHARLES WILKENING
 JOHN ALDEN WOODY

In Accountancy and Management

ROBERT HEMPEL AHLQUIST, with
 Honors in Accountancy

CHARLES JAMES SECONDINO

In Accountancy and Marketing

HERBERT MORRIS MASS

In Banking and Finance

CHARLES EDWARD BREBNER
 JAMES MILTON CORWIN
 BRUCE EDWARD DEAN
 THOMAS CHANNING DIEFFENBACHER

THEODORE KELZ
 WILLIAM EDWARD LAPRISE
 EDWARD JOHN MICHALICKA

In Commerce and Law

LESLIE RALPH BISHOP
 ROBERT LEWIS COLE
 JOHN ARTHUR CROOK
 EARL ALVIN GLICK
 RICHARD HARRY HOLSCHER
 WILLIAM BRUCE HOLWICK
 ALFRED GENE MCWHORTER

RICHARD WAYNE PATERSON, with
 Honors
 JAMES ARTHUR REGAS
 SAM JOSEPH ROMEO
 JORDAN HOWARD SOBEL, with Honors
 JOHN STEWART STORM
 RAYMOND ALOYSIUS ZADENETZ

In Commercial Teaching

ANITA JEANNE BAGGOTT, with Honors
 DONALD JESS BROWN
 SCOTT WHEELLOCK BROWN
 MARGARET LOUISE COPENHAVER
 MARILYN JO KATER
 MARY JOAN KNIGHT
 JOANNE LAGER

DONALD PARKER LITTLE
 MARION GENE MALEVITIS
 ALLAN PAUL NELSON
 PETE SALAZAR, Jr.
 PAUL WILLIS SUTHERLAND
 MARILYN ARLINE SWARTSWALTER

In Economics

ROBERT FRANK BARTIK
 SHIRLEY EVELYN HALL
 FRANK HUNT, III
 GEORGE S. JACOVER
 HENRY JOHN JOSTOCK, Jr.

WILLIAM ROBERT MOORE
 DONALD GENE PETERS
 CHARLES JOHN PURSLEY
 PAUL VORNLE

In Economics and Management

ALEXANDER THOMAS BOWER, with Honors

WILBERT JEROME KOKES

*In General Business**In Industrial Administration*

JAMES RICHARD BOWES
 GLEN EARL BROLANDER
 ARTHUR ROBERT ERNEST
 JOHN AUGUST FLOBERG
 JOHN HOMER HILF, JR.
 MARVIN OTTO JOHNSON
 ARTHUR HERMAN KOBIALKA, with
 Honors
 EDWIN ALLAN KUHN
 CHARLES FISHER LONGAKER
 YVONNE MOE OBRECHT

EDWARD JOHN PARRY
 HAROLD PASTRON
 CHARLES PATRICK REITSCH
 HAROLD ALLEN RODBRO
 DAVID PEERS ROGERS
 NATHAN ROTHENBERG, with Honors
 ROLAND NORMAN SCHWEITZER, with
 Honors
 GEORGE MCKENZIE SMITH, JR.
 LYLE HOWARD SMITH
 DONALD EDWARD SUNDERLIN

In Management

CLIFFORD LEON BABCOCK
 ALVIN EDWARD BARWIG
 WILLIAM ROBERT BEARD, with Honors
 ROBERT FRANCIS BERGLAND
 WILLIAM HOWARD BRAUER
 MAURICE RACE BUDDEMEIER
 ROBERT WARREN CAIN
 MORRIS CLINTON CANNON, with Honors
 CAMERON CARLEY
 ROBERT EARL CUNNIFF
 JAMES CALVIN DEETJEN
 DAVID EISEN
 HOWARD BURTON FRANKLIN
 ROBERT DANIEL HIBBEN
 MARY JEAN HOURAN
 HERBERT DON HUFFMAN
 MILTON JACK JAFFE
 ROBERT LEE JOHNSON
 JAY WILES KENAGA
 WILLIAM JOHN KORBER
 ALLEN VERLE MADARY
 HARRY BOEL MADSEN
 IRVIN LEON MAREK
 VICTOR JOHN MARTELLO
 PAUL LOUIS MEUNIER
 EDMUND ROBERT MEYER, JR.

PAUL EDWIN NEAL
 CHARLES ROY O'NEAL
 DONALD FREDERICK OTT
 JOHN SANFORD PARKER
 THOMAS LAWRENCE PHALIN
 JOHN JOSEPH POWERS
 JACK LOUIS RIEKE
 JAMES WESLEY SCHMIDT
 JACK NICKEY SHAFFER
 WILLIAM FREDERICK SIEMER
 FLOYD KEITH SIRON
 JOHN EDWARD SMALLMAN
 KENT FIELDEN SPENCER
 NAOMI STREETER
 DONALD CHARLES THIEMANN
 LOWELL DEVERE TWITCHELL
 FLORENCE YVONNE URE, with Honors
 STEVE VUKADINOVICH
 HERMAN GUSTAV WAARICH, JR.
 SIDNEY ELLIOTT WALTERS
 BURTON ALLEN WEISBROD, with High
 Honors
 GARLAND FRANCIS WILSON
 WALTER STANLEY YOCIUS
 JOSEPH F. ZVER

In Management and Marketing

OAKLEIGH RANDLE ADKINS, JR.
 ANGELO BARRA
 ROBERT LEOPOLD BECK
 DANIEL CAREY
 EDMUND JOSEPH CONNESS
 GARLAND WESTON CRAFT
 LAWRENCE WILLIAM FISHERKELLER
 ALBERT EDWARD FRANK
 RICHARD C. GAMSU
 MARVIN MAYNARD GERSTEIN
 HARRY E. HALLSTROM
 DONALD MELVIN HOUP
 CARL WILLIAM JOHNSON, JR.
 HUBERT JUNGE, with Honors
 IRENE CONSTANCE KAZMIERSKI
 GEORGE WILLIAM LEMEN
 ALAN PHILIP LEVIN
 ROBERT DONALD LUSTGARTEN
 ELIZABETH ANN MASTERMAN

JOHN DAVID McDONALD
 WILLIAM JAMES NELSON
 JOHN RALPH PALANDECH
 ROBERT DAVID PEARLMAN
 VICTOR RONALD PEARSON
 DONALD CHARLES PISONI
 DOUGLAS EUGENE REED
 GEORGE JOHN REUSS
 LYLE KENT RHEA
 THOMAS WALTER ROE
 THOMAS JOHN ROGERS
 HARRY HANSON SCHOCH, III
 WILLIAM WAGY SHAW
 MARTIN KAROP SIMONIAN
 JEROME JOSEPH SLAVIK, JR.
 EDWARD STREETER
 ARTHUR JOHN WILLIAMSON
 LEONARD SOLOMON WORTH

In Marketing

HAROLD FRANCIS ARMSTRONG
 SHIRLEY LEE BARTELS
 ANDRE DUVAL BAYLE
 WILLIAM EDWARD BERNARDI
 MARTIN GEORGE BERUTTI
 CARL JOHN BOEHME
 RICHARD JOHN BOWERS
 EDWIN BENNETT BRADLEY
 MARIE ERNSTINE BRUEGGEMANN
 JERRY PAUL BURCH
 WILLIAM CHARLES BURT
 CHARLES WARREN BUSBEY
 PATRICIA MARION CAVAN
 EDWARD JOSEPH CHATT
 ROBERT LAWRENCE COHN
 JAMES EDWARD COLLINS, JR.
 THOMAS PETER DUDDY
 JEROME JERRY EPSTEIN
 SIDNEY BERNARD FISCHBURG
 JOHN BURTON FORSELL
 DONALD ROGERS FOSTER
 GEORGE RUDOLPH FOSTER
 JAY LEWIS FRANKEL, with High Honors
 CHARLES THAYER FRENCH
 THOMAS CHARLES GARRISON
 JASPER CALVIN GOIN, JR.
 DAVID ARTHUR GOLDSTEIN
 SIDNEY VICTOR GOTTLIEB
 ROBERT MILTON GREEN
 RUTH FLORA GULDER
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 CHARLES EARL HANNA
 JOHN MICHAEL HENRY
 JOHN ALBERT HEUER
 RICHARD WALTER HEURICH
 IRION SIMMONS HEYMAN, JR.
 ALLEN BERNHARD HOROWITZ
 ROBERT LESTER HURCKES

ANTHONY JOSEPH JANUS
 GERALD THOMAS JENKINSON
 JAMES OLIVER JOHNSON
 ROBERT HOWARD JOSEPH
 WILLIAM WAYNE KAHLE
 WARREN LOUIS KAMMERER, JR.
 LEONARD KRAVETS
 ROBERT GEORGE LIND
 ALEX LOPOTKO
 LYNN EDWARD LYNCH
 HELEN LUCILLE MALOTT
 MAX MILBURN MATTHEWS
 HALE ALDEN NEWCOMER
 MARILYN JEAN OWENS
 MICHAEL LOUIS POMPILIO
 CARL FREDRICK RADKE
 MARSHALL ARNOLD RAFF
 DON REDEL REISNER
 LYLE EUGENE ROBBINS
 JOHN BAKER ROCKWELL
 GEORGE WILLARD RUMBYRT
 JOSEPH KERMIT SCHULMAN
 LLOYD B. SCHULSTAD
 JEROME SHYMAN
 RODNEY GARNSEY SPARR
 RICHARD BYRON STEVENS
 JACK EVERETT STORY
 WILLIAM HILLIARD THOMAS
 ROBERT EARL ULRICH
 FRED MATHAS VANCE, JR.
 MARTIN MERLE VIGON
 EDWARD JOHN WALDHANS
 HOWARD NICHOLS WEDELSTAEDT
 RICHARD DAHLEEN WENTLAND
 RICHARD SCHREYER WILLIAMS, with High Honors
 RICHARD AUGUST WULFERT
 EDWARD ZIGMAN
 ROBERT JOHN ZIMA

In Public Affairs

ROGER ALLEN HACK
 HAROLD EUGENE KIELER

DICKINSON GEORGE WILTZ

In Secretarial Training

ROSELYN MARIE BENZEL
 DORIS BOLATTO BUCK
 FRANCINE GLORIA COHEN
 LYNN EUGENE DELAND

ELIZABETH SCHICK DUNN
 ROSEMARY HELEN FINGER
 BEVERLY JEANNINE FORDYCE
 PATRICIA ANN FRISON, with Honors

SCHOOL OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Journalism

SEYMOUR ADELMAN
 BETTY ADLER, II
 HOWARD ALPER
 DANIEL HESS BAER
 NORMAN WOLF BARNETT, with Honors
 MARILYN MAE BERGER

SAMUEL BERGER
 GUSTAVE THURE BERGLUND
 ROSALINE THERESA BIASON
 RICHARD BURNETT BRADSHAW
 BARBARA JEAN BUNN
 WILLIAM LYMAN BUNTING, JR.

BRUCE ALEXANDER CAMPBELL
 PAUL MILNE CARLSON
 ROBERT ANGELO CATALDO
 FRANCES MAY CAWTHON
 DON LELAND CHENOWETH
 GERALDINE HAMILTON CHRISTOFF
 BARBARA JEAN CHRYSLER
 EDWARD EUGENE CLARK, Jr., with
 Honors
 CAROLYN RUTH COHEN
 SAMUEL COHN
 SHELDON COHN
 JOHN FRANKLIN CONLEE, with Honors
 JOHN FRANCIS COX
 LEONARD NORMAN DAVIS
 SEYMOUR MORTON DORDICK
 PAUL WARREN DOUGLASS
 JOYCE COLLEEN DREW
 LAURENCE ALBERT DWYER
 DONALD VALENTINE ERICKSON
 EVAN ARLIN EVANS
 MARTHA ANN FELSENTHAL
 JAMES ALBERT FELT
 ROBERT WILLIAM FLORZAK
 JOAN MARY GERMANO
 NORMA JEAN GETZ
 ROBERT KEITH GILSON
 BURTON WILLIAM GOODMAN
 FRANCIS XAVIER GORNY
 BERNARD HOWARD GOULD
 JOYCE HELEN GREENBAUM
 CAROLYN ANN GREENE
 SANFORD GREENWALD
 JOANNE DAUGHERTY HAYES
 JVANNE JEANNE HENRY
 EDMUND ROBERT HERCER
 MARILYN RYDER HERSHEY, with
 Honors
 ARTHUR EMIL CARL HINTZ
 FREDERICK WILLIAM IRVING
 ESTHER ANN JARVIS, with Honors
 JAMES ARMIN JENSEN
 WILLIAM EVERETT LARRABEE

PAUL LARSEN
 EWALD JOSEPH LARSON
 JOHN DAVID LEONARD
 BARBARA ILENE LISENBY
 MILTON SELWYN MALTZ
 SHIRLEY MARIAN MARGOLIN
 JOHN HARRISON McDERMOTT
 NORMA IDA MEAD
 SHIRLEY RUTH MILBRANDT
 SHELDON ALFRED MIX
 WILLIAM HOWE MORGAN, with
 Honors
 MARY ANN MORRIS, with Honors
 BURTON SEELY MORWOOD
 HARRIETT ANN PARSONS
 CORA ELIZABETH PATTARSON
 MARVIN PERSKY
 SALLY PAUL PIERCE
 BARBARA SUSANNE PLANCK
 THOMAS ANTHONY RACE
 FREDERICK MATTHEW RAPP
 JOAN BRABANT REEVE, with Honors
 PATRICIA ANNE RILEY
 NORMA PAULINE RUMERY
 ROBERTA ANN RYAN
 ALAN LYLE SCHRADER
 JOHN RICHARD SCHREFFERMAN
 LOUISE SCHULTZ, with Honors
 DAVID LEE SEIDEL
 ISADORE SHRENSKY
 BEVERLY ANN SMITH
 MARVIN PHILIP SOSIN
 WILLIAM EDWARD SPIVEY
 BARBARA ANN TAYLOR, with Honors
 DOROTHY ANN TEXTOR
 NANCY ANNE TURNEY
 MARY SUSAN TWOMEY
 MYRON DALE WALDEN
 JAMES HERMAN WEISS
 JOAN DELORES WESTGOR
 ROMAYNE CLARE WICKLUND
 JOSEPH A. WYNN
 WILLIAM ROBERT YATES

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

ALBIN FRED ANDERSON
 ARNOLD ARTHUR BITTERMAN
 THOMAS FRANK BLECK
 GUSTAV BRAUN
 ARTHUR L. BROMLEY
 MARVIN JACK CANTOR, with High
 Honors
 ROBERT LOUIS CARRIEL, with Honors
 GEORGE ROBERT COOK, with High
 Honors
 ROBERT JAMES COWLING, with Honors
 BRIAN JOHN CRUMLISH

RUSSELL ARTHUR DANKERT
 WILLIAM EGGER, Jr., with High
 Honors
 EARL LAYTON FLANAGAN
 FRED JOSEPH GAGGIOLI, with Honors
 CHARLES THOMAS HAND
 DAVID EUGENE HARVEY
 MICHAEL PETER JABLONICKY
 WILLIAM ROBERT JOHNSON, with
 Honors
 ROBERT STIRLING JONES
 HERBERT JAMES KOOPMAN

FRANK WILLIAM KURZ, JR.
 HAROLD FLETCHER LANKTON
 JAMES ROBERT LATHAN, with Honors
 DANIEL EDWARD LENOBLE
 SEYMOUR LEPP
 JAMES ALVIN LINDER, with Highest Honors
 EDWARD HODGE MATTHEI, with High Honors
 JAMES C. MAY
 CHARLES JAMES McDONALD
 HENRY JAMES MISZKOWICZ
 DONALD HALLETT MORE
 ROLLIN VERNON MOSHER
 KENNETH CONRAD NASLUND, with Honors
 WILLIAM BARRON NEWLIN, with Honors
 WESTING EARL PENCE
 ROBERT JOHNSTON PIPER
 ZORACK RABIN
 ROYAL JOSEPH RASMUSSEN, with Honors

ELVIN BERNARD RILEY
 MARVIN ROTHMAN, with High Honors
 JOHN ROY SCAGGS
 DAVID HENRY SCHOENROCK
 ERNEST RALPH SEYMOUR
 RONALD SIMON
 VITO SPADAVECCHIO
 THOMAS JUNIOR SPENCER
 GLEN LELAND STEIGER
 CONRAD RONALD STERLING
 HAROLD EDWARD STORM
 ELTON ROBERT SWANK
 WILLIAM HAROLD TANNER
 HARVEY TEITELBAUM
 TORWALD HAROLD TORGENSEN, with Honors
 ANDREW VERKADE
 JOHN RAYMOND WALLERIUS
 HOWARD BAILEY WEINER
 VIRGIL CORNWELL WIKOFF
 GEORGE JOHN WILLIAMS
 FRANK COOLIDGE ZANCANELLA
 JAMES JOHN ZERANTE

In Architecture

SEYMOUR ALTMAN, with High Honors
 FREDERICK REED BATES, with High Honors
 ELEANOR MARIAN BELING
 DONALD FORREST BENSON, with Honors
 DONALD HILL BERGSTROM
 LLOYD CHARLES BOYCE
 RALPH WILLIAM CLAYTON, JR.
 WALLACE BROWN CLELAND
 THOMAS HARDING DANIELS
 PAUL MCKNIGHT DEELEY
 WILLIS CLARENCE DELANEY
 DONALD THOMAS DENNIS
 SAMUEL BERTON DENTON, with Honors
 JOHN WILLIAM DIMMICH
 FRANCIS EDWARD ELLIOTT
 DONALD MAGNUS ENGSTROM, with Honors
 FRANK CARL FALESCH
 SEYMORE GUY FISHMAN
 ERWIN JOHN FOX
 BERNARD GARB
 DONALD ELROY GUNNERSON, with Honors
 ALBERT ALEXANDER HALE, with Honors
 SHELDON LEROY HILL, with Honors
 DWIGHT GORDON HUNT
 RACHEL BARLOW JAMES
 BRUCE HUBBARD JOHNSON
 TARIK SULEYMAN KAYNOR
 JOHN PHILLIP KIBBE, with Honors
 JOHN MORROW KING
 WESLEY ROBERT KING
 NORMAN ALFRED KOGLIN
 EMIL WALTER KORENIC

GEORGE WILLIAM KRUMDIECK
 ROBERT LEONARD LARUE
 GEORGE MICHAEL LASLO
 JOSEPH DENNIS LECHNIAK
 GEORGE JOHN LESONDAK
 CLARENCE DONALD MAY
 ROGER JAMES MCKEAGUE
 GEORGE MAURICE MEGGINSON
 DONALD HARDIN MILLER
 WILLIAM CHRISTIAN MOE
 LEE GUY NELSON
 LAWRENCE JAMES O'DONNELL
 HELEN VICTORIA OLSON
 RAYMOND ANTHONY PIGOZZI
 HARLAN ALBERT PRATT
 WILBUR GEORGE QUAM
 ELVIN BERNARD RILEY
 JOHN ARNOLD ROESER
 DONALD PORTER RYDER
 ROBERT MARSHALL SIMMS
 WILLIAM TRUMAN SPOONER
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 JACK HARRY SWING
 RAYMOND SIDNEY THOMPSON
 CHESTER JOSEPH TOBOLSKI
 CARL RICHARD WAGNER, with High Honors
 RICHARD HOWARD WELDON
 LEONARD SIGURD WICKLUND
 GEORGE CECIL WINTEROWD, with Highest Honors
 HAROLD CAMPBELL YOUNG, with High Honors
 RUSSELL PAUL ZIEGLER

In Landscape Operation

JAMES PAPE CARIS

CHARLES WARD HARRIS, with Honors

DONALD ROY LINTON, with Honors

In Music Education

BETTY CHARLENE ABRAHAM, with High Honors

GWENDOLYN ANNE BORN

KARIN MARGARET CLAFFORD

MARTHA JANE CONN, with Honors

CARMEN MARIE COVEY

JOSEPH SAMUEL CURATILO

NELDA JANE ELLIOTT, with High Honors

JANET RUTH FULTS

JOHN FRANKLIN GUSE, with Honors

JAMES HORNIMAN HOBBS

MARGERY ANN IVERS

EDWARD JAMES JONES

FRANCES LOUISE KENDRICK, with High Honors

GWEN ELIZABETH NEUBAUER

VIRGINIA LOUISE PLAYER

DONALD ARWIN RAHN, with Honors

PAUL JOSEPH SCHARFENBERG

ROBERT GENE WALLACE

IRA JAMES WHITE

Degree of Bachelor of Fine Arts*In Advertising Design*

ROCHELLE PORTMAN BERKUN

RONALD ALLAN BERNSTEIN

BETTY RAE DAVISON, with Honors

JOHN ROBERT FULTON

GEORGE O'NEIL HOLMES

RICA OLIVE KAHN, with Honors

GEORGE FRANCIS MODE

In Art Education

WILLA CATHERINE BOWEN

ELAINE BRAMS, with Honors

MARY FRANCES CARTER

HARLAN KNOWLTON CORRIE

AUDREY JUNE LAVERNE LARSON, with Highest Honors

PATRICIA TAUGNER LASLO

BERNARD MELTZER, with High Honors

PATRICIA JANE RISLEY

In Industrial Design

WALTER HAYES BAILEY

RALPH MORTON LAZAR

RAYMOND ALVIN LEININGER, with Honors

PAUL GENE MATHES, with Honors

HERBERT ELI PERRY

GEORGE EDWARD SCHAEFER

DANIEL STOOKEY

ARMOUR HARDING TITUS, JR.

JOHN CRAIG VINGREN

EDWARD JOSEPH WALSKY

In Landscape Architecture

DONOVAN LYLE ATEN, with Honors

GEORGE CHASE BELTZ

LAWRENCE WILLIAM CRALLEY, JR.

JEAN VIOLET FREYERMUTH

RICHARD ARNOLD GÜCKER

CHARLES WARD HARRIS, with Honors

WILLIAM ROBERT KLATT

CARROLL MICHAEL TABAKA

In Painting

ROBERT SEYMOUR ALEXANDER

ANGELO CANGIAMILA

MARILYN CHRISTIAN CONRAD, with Honors

Highest Honors

JULIETTE BEATRICE DEAN

BERNICE WOODRUFF KARRAS, with Honors

High Honors

ROY PAUL MADSEN, with Honors

ROBERT ERNST MARX, with Honors

ROBERT MIZRAHI

DANIEL NACHTMANN

ROLAND GENE TRAVIS

ROBERT JOHN WILBERT, with Honors

Degree of Bachelor of Music

ROBERT LEE BANKERT

RICHARD LAWRENCE BOUCHARD, with Honors

High Honors

MARY LOUISE DAY, with High Honors

JANET RUTH FULTS

DOROTHY RUTH LUNDGREN, with High Honors

MARGARET OPHA MILES, with High Honors

Honors

BARBARA JEAN PARKS, with Highest Honors

Honors

SCHOOL OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

NATALIE FARGESON ABERMAN	JOANNE MCCARTY
IRWIN AUGUST, with Honors	JUANITA FEDOSKY MEUNIER, with Honors
PATRICIA ANN BARACKMAN	BETTY CHANEY MEYER
THEODORE CHARTON BEACH, with Honors	CHESTER JOHN MICHNA
LEONARD WILLIAM BURT	DONALD CLAUSE MILLER
WILLIAM GEORGE CHANDLER	ROBERT HAWLEY MILNE
KATHRYN CABLE CRAMPTON	HAROLD STEWART MORRIS
DONALD OAKLEY ELLIS	JOAN LOIS MORTTRUD
JENNORA RUTH FISHER	RICHARD ARTHUR MUELLER
JACK GALUS	JOHN WILFRED MURRAY
ROBERT EDWARD HALL, with Honors	CHARLES FRED OLANDER, Jr.
JANE ELLA HERZBERGER	MARTHA MARY PATTERSON
WILLIAM JOSEPH HOFFMAN	PRISCILLA JOAN PEARSON
BETTY JEAN HOSKINS	MARIA CECILIA PELLIZZARI
LORENE GLADYS HUEBER	AGNES ANN RADICH
ARLIE JAMES HUGHES	JOHN RICHARD RADOSEVICH
MARY ETTA EDWARDS HUSMANN	ROBERT EUGENE RICE
PATRICIA LOUISE HYDE	JOSEPH NEALE ROBERTS
MARJORIE BERNICE IVES	CARL JOSEPH SAHLIN
GERALD PAGE JOHNSON	DOLORES MAE SCHWABE
ROBERT EDWARD KELLY	OSCAR SIEGEL, with Honors
JOSEPH WALTER KEMPA	JERRY SLACK, Jr.
BARBARA JEANNE ANN KIRCHER	DONALD IRWIN SMITH
GERALDINE LOU KNETSCH	EUGENE JOHN SPANNENBERG
CAROLYN JEANNE KRAYBILL	DONALD JAMES SUNDERLAGE
LOIS M. KRUGER	ROBERT EUGENE TAYLOR
JOAN BEVERLY LANDERS	JAMES MURRAY THOMSON
JOHN THURMAN LEACH	WILLIAM JOHN VOHASKA
JAMES HERBERT LOHMAR	JOHN ALBERT WALKER
MARIO MARCHISIO	RICHARD JOSEPH WANDERSKI
IRIS JOAN MARCUS	WALTER WILLIAM WINKLER
JOHN JOSEPH MCCARTHY	EDWARD JAMES ZINKER
JOSEPH JOHN PATRICK MCCARTHY	

In Recreation

CHARLES WILLIAM CURTIS	DONALD FRANCIS LAMBERT
FRANCIS JOSEPH DOLAN	GEORGE KYLE MALCHEFF
ROBERT STANFIELD HINKLE	J. ARCH MARKLE
WILLIAM GERALD JASINEK, with Honors	

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

PHILIP ANDREW ABROMOVICH	JAMES LEE BROWN
CHARLES LYNNE ADAMS	STANLEY CONRAD BURKE
DANIEL JOSEPH AFELD	CHARLES EDWARD BUTTERFIELD, Jr.
PAUL SAMUEL ALLEN	ROBERT ANTON CECNER
HARRY CHILTON BALDWIN, Jr.	STANLEY ALCIDE CHANGNON, Jr., with Honors
WALTER GERALD BEAN	JOSEPH FRANK CHLUP
PHILLIP KEMPER BENOLIEL	RICHARD MITCHELL CLOHECY
BRUCE E. BIRDSALL	HUBERT J. COLLINS, Jr.
FRANK WALTER BORTA	GERALD DAVID CRIPE
JOHN BOWLES, III	ROBERT BLAIN CROCKER
MONROE BRASLEY	PAUL HOWARD CROFT, Jr.
CLAIRE EUGENE BROWN	

GERALD PHILIP CROHN
 HUBER DALE CUNNINGHAM
 KENNETH ROBERT DARRE
 JOHN H. DAVIS
 JOHN WILLIAM DECKER, JR.
 ALBERT PHILIP DIETRICH
 RICHARD LEROY DILL
 WILLIAM EDWARD DILLMAN
 JOSEPH JOHN DOERING
 CORNELIUS FRANCIS DORE, JR.
 FRANK JACKMAN DRAPER
 JOHN BROWN DROSTE
 JOHN NOTLEY EDWARDS
 CHARLES FREDERICK EMMERT
 JAMES HOWARD EVANS
 ROBERT HENRY EYLER
 ANTHONY FAZIO
 EUGENE MICHAEL FEDOR
 JOSEPH FARLEY FITZGERALD
 WILLIAM GERALD FITZGERALD
 JOHN JOSEPH FLYNN
 JAMES HAROLD FRANCIS, JR., with
 Honors
 JOHN WILLIAM FRANK, JR.
 CARL ROY FRIBERG, JR.
 RALPH VERNON FROEHLING
 ROBERT VICTOR GLASS
 JACK ALLEN GLOGER
 JAY GLADSTONE GORE
 JOHN RAINEY GRIFFIN
 JOSEPH JOHN GRIGALASKI
 ROBERT LEWIS HALL
 EDWARD DONALD HALLETT, with
 Honors
 JASON ALOYSIUS HANDEL
 ROGER PAGE HANSEN
 JERRAL TALBOT HARPER
 ROBERT GUTHMANN HARRIS
 JACK THEODORE HARROUN
 ARLIN PHILIP HARTMAN
 ROBERT MAURICE HASCH
 SCOTT GARNER HASLER
 JOHN M. HASSED
 ANTHONY JEROME HEBEL
 PAUL HERZ, JR.
 JOHN GORDON HILL
 LAURENCE CRAWFORD HILL
 HOMER WENDELL HISER
 ROBERT JOSEPH HOLMGREN
 EMANUEL HOROWITZ
 ROLAND JOSEPH INGOLD
 MICHAEL JOSEPH INGRASSIA
 ROBERT IVANCEVICH
 GORDON FLOYD JOHNSON
 CHARLES HARRY JUISTER
 JAMES SHERLOCK KAREL
 JOHN RUDOLPH KARNER
 CLYDE ALBERT KAUTZ
 THOMAS TAYLOR KING
 CHARLES JOHN KINSEY
 KURT EDWARD KLEINDIENST, JR.
 LEE EDWIN KNOWLES

ROGER ROY LARSON
 JOHN ANDREW LASKO
 JAMES HERBERT LAWRENCE
 ROY DONALD LOCKART
 WILLIAM CLARENCE LYTHBERG
 OLIVER DAVIS MANN, JR.
 PETER CHRISTOPHER MCCAUGHEY
 JAMES LESLIE McDONALD
 WILLIAM LALLY McDONALD, JR.
 ROBERT KEITH MCGINNIS
 HARRY HALBERT MCGRAUGH
 KENNETH DALE MCCLAUGHLIN
 DAN HOWARD MCNEAL
 JOSEPH MELILL
 RONALD STUART MENSEN
 JAMES RICHARD METCALF
 ROBERT CLIFTON MILES
 CARL BERNARD MILLER
 KAREL MONTOR
 JAMES LESTER MOORE, JR.
 FRANK ANTHONY MORELLI
 CYRUS LIFSCHUTZ MORTON
 JAMES ELDON MOSES
 JOHN ROBERT MURPHY
 ROBERT FRANK NAVIGATO
 WILLIAM GALLOWAY NIXON
 MERLE LINCOLN OAKLEY
 ROBERT ANTHONY OWENS
 CHRIST NICHOLAS PAGAKIS
 ROBERT LOUIS PAUS
 STEPHANO GUST PELAFAS
 EDWARD CHRISTIAN PETERSEN, JR.
 HAROLD JOHN PETERSON
 JOHN EDWARD PETERSON
 JOHN BENJAMIN PFLAUM
 ROBERT KENNETH POWELL
 PHILIP RAY PRITCHARD
 RONALD FRANCIS ANTHONY RADOMSKI
 JOHN PAUL RAK
 PATRICK HENRY REGAN
 EARL DEAN REINMUND
 NORMAN IRVING RICH, with Honors
 WILLIAM HART RIDDELL
 JOSEPH CAROL RIEFFENBERGER
 CONRAD FRANCIS ROURKE
 DUANE LEWIS ROYAL
 LESTER SADOWSKY
 DONALD ARTHUR SANDSTEDT
 ROBERT GENE SCHALTER
 NORBERT ALBERT SCHNIER, with
 Honors
 MCKAY JAMES SEATON
 SAM ROBERT SERDAR
 ROBERT GENE SHELBY
 REGINALD DANIEL SHEMAITIS
 GLENN HUGHIE SHERADEN
 WILLIAM CHARLES SHEWALTER
 CHARLES ARTHUR SHUMARD
 HENRY WASHINGTON SILK, JR.
 NELSON MYLES SILK
 JEROME RALPH SINGER, with Honors
 ALBERT AUSTIN SMITH

FRANK LAUSTEN SMITH
 STEVEN LEE SMITH
 ROBERT NOLAN STABLER
 JOSEPH CONDON STEIDL
 DAVID ELI STEINBERG
 JACK HENRY STITES
 WILBUR DALE STITES
 JAMES DANIEL SULLIVAN
 PHILLIP GORDEN SUNKEL
 HARRY ARTHUR SWANSON
 BRADLEY BENNETT TAYLOR, with High
 Honors in Landscape Architecture
 DONALD ELIOT THOMPSON
 HENRY MATTHEW THOMPSON
 ROBERT EMIL THOMPSON
 TIMOTHY FRANCIS TOOMEY

JULIUS TRITELLI
 IRWIN WILLIAM UNGER
 GORDON UYTTEBROUCK
 ROBERT FRED VON DACH, with Honors
 ARTHUR EDWARD VYZRAL
 BERNARD ALTEN WAHLE
 MARVIN LEROY WALKER
 ROBERT MARSH WATKINS, JR.
 ROBERT WEBER
 CHARLES MORRIS WHITMORE
 ROBERT GLENN WILKINS
 JOHN GORTON WILLS
 DAVID CARLISLE WIMER
 WALTER FRANK ZALESKI
 MILES KIMBALL ZIMMERMAN

COLLEGE OF VETERINARY MEDICINE

Degree of Bachelor of Science

In Veterinary Medicine

FRANK FOX ADAMS
 JEROME BANICKI
 HENRY JOHN BROUWER
 JOHN ALLEN BUCKLER
 PAUL EUGENE BURKITT
 BERNARD DEVERE CAMPBELL
 DONALD JOSEPH CARREN, with Honors
 GERALD DART
 WILLIAM CLARENCE DOLOWY
 JOHN HENRY DUST, with High Honors
 JOHN EHRLHARDT, with Honors
 ROBERT KEITH ETHERIDGE

ROBERT WILLIAM GALVIN
 JOHN JOSEPH GRAFFY
 JOHN WILLIAM HAXBY, III
 EARL LADELL KINGRY, with Honors
 KENNETH HUBERT KLINGELE
 CLIFFORD MARION LINKER
 ELMER THOMAS OWINGS
 JAMES FREDERICK PALMER
 WILLIAM LEVI SEARLS
 LEON FREDERICK STRIEGEL
 GLENN LEE WAXLER, with High
 Honors

Degrees Conferred in Chicago

COLLEGE OF DENTISTRY

Degree of Bachelor of Science in Dentistry

(Conferred June 23, 1950)

GLORIA ANGELINE ALESSIO
 HENRY GARFIELD BARHAM
 MARVIN BERNSTEIN, B.S., Roosevelt
 College, 1948
 RALPH ORAN BOONE
 OSCAR BREYER
 CONSTANTINE DANNY DELLUOMO
 ROBERT ELMORE GIBBS
 ERWIN SIDNEY GOLDBERG
 WILLIAM THOMAS GORMLEY
 LOUIS GREENBERG
 PAUL LAURENCE JENNINGS
 RICHARD I. KAUFMAN
 HARMON RICHARD KELLY
 MARVIN LOOPER
 JAMES ROBERT MCINTIRE
 MARK JOSEPH MENDELSON
 MARILYN ANNE NOVAK
 WYATT KAY PARKE

BERT DOMONIC POMATTO
 THEODORE JOHN PAULY
 EARLE FRANCIS POMIJE
 ALBERT RAPPAPORT
 NED MASON RING
 HAROLD DAVID ROTHBLETT
 MILO RUDOLPH SAFAR
 ROBERT GORDON SAVAGE
 DAVID CHARLES SHAPIRO
 RICHARD EDWARD SKARDA
 CLIFFORD ALLEN SPERRY
 ROBERT ELLSWORTH SPRAGUE
 GORDON LOUIS STASTNY
 LOUIS ANTHONY STESSL
 NORTHAM HOYT STOLP
 THOMAS EARL SUTA
 WADE RODWAY SWAN
 DONALD LAVERNE SWANSON

(Conferred March 24, 1951)

J. RUSSELL AYERS

ROBERT EDWARD EUGENE GULLEY

Degree of Doctor of Dental Surgery*(Conferred June 15, 1951)*

- HOWARD APPLE, B.S., 1949
 J. RUSSELL AYERS, B.S., 1951
 ROBERT EDWARD BARNES
 SANFORD ALVIN BEAR, B.S., 1949
 GERALD HARRISON BORDEN, B.S., 1949
 THOMAS EDWARD BRADEL, B.S., 1949
 ALLAN GIBSON BRODIE, JR., B.S., 1949
 BYRON GLENN BUTT, B.S., 1949; with Honors
 CHARLES WILLIAM CANTRELL, B.S., 1949
 CHARLES WORTHINGTON CARMAN, A.B., Denison University, 1947; B.S., 1949
 FORREST WAYNE COTHERN
 CHARLES WILLIS CROOKS
 VERNON RUSSELL DAMER, B.S., 1949
 HARLAN EUGENE FEICHT, B.S., 1949
 JEROME FEIN, B.S., University of South Carolina, 1946
 JAMES RUSSELL FORDYCE, B.S., 1949
 WILLIAM FREEMAN, B.S., 1949
 FREDERICK WILTON GIBSON
 HERBERT JACK GORDON, B.S., 1949
 PAUL FREDERICK GRIMM, JR., B.S., 1949
 JOHN ROBERT GRIMSON, B.S., 1949
 ELDON FRANCIS HAMMER, B.S., Greenville College, 1947
 SUSUMU HASEGAWA, B.S., 1949
 MAURICE HAUPTMAN, B.S., 1949
 HOMER LAWRENCE HEDMARK, B.S., 1949
 LEHMANN MELVIN HENDERSON
 EUGENE ZOLMAN HILL, B.S., 1949
 WORL VALCHESTER HILL, A.B., Indiana University, 1946; B.S., 1949
 OLGA HORWITZ, D.M.D., University of Munich, 1947
 FRANK LEO IRELAND, B.S., 1949
 WILLIAM FRANK JESENOVEC, B.S., 1949
 JOHN FRANCIS JESKE
 ROBERT LEE KIMBROUGH
 MILTON JUNIOR KNAPP, B.S., 1949
 GEORGE ADAM KUNKE, B.S., 1949
 PHILIP JOHN LONG, B.S., 1949
 JAMES RICHARD McMAHON
 RALPH JULE NELSON
 KENNETH OMER NORGAARD, B.S., 1949
 ROY ERNEST OLSON
 MELVIN PLATT
 FRANK JOSEPH PSOTA, B.S., Roosevelt College, 1947
 WILLIAM THOMAS RALEIGH
 EUGENE PETERSON RANKIN
 RAY ROTHSCCHILD, B.S., 1949
 JAMES ANTON SCHELL
 WALTER HERMAN SCHNEIDER, B.S., 1949
 WILLIAM JAMES SEIDEL, B.S., 1949
 MAURICE SLIVNICK, B.S., 1949
 ELEANOR RITA SOLUS, B.S., St. Xavier College for Women, 1947; B.S., 1949
 MARVIN L. SPARKS, JR., B.S., Western Kentucky State Teachers College, 1943
 ROBERT JOSEPH STENGEL, B.S., 1949
 ARNOLD TAMARIN, B.S., 1949
 JAMES HAY THOMSON, B.S., 1949
 CHESTER EDWARD TOTON
 VICTOR ANTHONY VARRIAL, B.S., 1949
 ROBERT CLARKE WALLACE, B.S., 1949
 GORDON CLARK WARD
 LEWIS LAWRENCE WEIL
 IAN MACDOUGALL WEST, B.S., 1949
 DELBERT ANTHONY WHITING
 EMILIA NESTERCZUK WOJNAROWSKY

COLLEGE OF MEDICINE**Degree of Bachelor of Science in Medicine***(Conferred June 23, 1950)*

- BERNARD LEO ABRAMS, B.S., 1948
 ROBERT J. ADOLPH, Ph.B., University of Chicago, 1947
 NOBBY NOBORU ARATA
 ROLAND GUSTAV ANDERSON
 GEORGE PICKERING BALZ, A.B., 1948
 GEORGE WILBURN BARD
 ALLISON GAIL BAXTER
 ROBERT PIXLEY BAYSINGER, A.B., Southern Illinois University, 1948
 MYRON EDWARD BERKSON
 HAROLD VINCENT BISHA, A.B., 1948
 MARTIN EUGENE BLAZINA
 LAWRENCE FREDRICK BLOMBERG
 GILBERT BOGEN, B.S., 1948
 WARREN QUENTIN BRADLEY, A.B., Southern Illinois University, 1948
 ROBERT LOUIS BRATMAN, A.B., Bradley University, 1949
 LEONARD MARTIN BRESSLER, B.S., 1948
 ROBERT JOHN BROCKMAN
 JACK CARSEL, B.S., 1948
 RAYMOND JOHN CASSADY
 GLENN W. CHAMBERLIN, JR.
 RAYMOND ADOLPH CLASEN
 SHELDON RICHARD COGAN
 HYMAN LEWIS COHEN, B.S., 1948
 MORTON SEYMOUR COMESS, B.S., 1948
 ROBERT LEO DEISS
 VINCENT LAWRENCE DLUGOS, B.S., 1948

- FRANK JAMES DOYLE
 LAWRENCE CHARLES FIENE
 HERBERT SHELDON FRIEDMAN
 MORTON HAROLD FRIEDMAN
 SANDER GARRIE, B.S., Northwestern
 University, 1948
 ROBERT GILBERT
 KENNETH LLOYD GILL
 LOWELL GOLDBERG
 SIDNEY GOLDBERG, A.B., 1948
 IRWIN GOLDFARB
 GORDON CLOYES GRAHAM
 MYRON GREEN
 JANICE R. GREENBERG, B.S., 1948
 EDWIN DAVID GRIFFIN, A.B., 1948
 GEORGE ALFRED HART, A.B., James
 Millikin University, 1948
 JERRY DAVID HEATH, B.S., United
 States Naval Academy, 1945
 WILLIAM LEROY HEDGES
 JOHN WILLIAM HENDRIX
 PAUL WOLFGANG HERZ
 LEONARD HOIT, B.S., 1948
 SIMON HORENSTEIN
 JOHN LEE HOYT
 ROSS NELSON HUTCHISON
 HAIG IGNATIUS
 LAWRENCE ROBERT IRISH
 WILLIAM STARK JOHNSON
 MANNY JOSHUA KARBELNIG, B.S., 1947
 ALVAN GENE KARRAKER, B.S., 1948
 EDWIN KISSEL, B.S., 1948
 EDWARD FRANK KLITENICK, A.B., 1948
 LLOYD THOMAS KORITZ
 GEORGE KROLL, B.S., Central Y.M.C.A.
 College, 1944; B.S., D.D.S., 1944,
 1946
 JAMES NORMAN LANE, A.B., Ohio State
 University, 1948
 JOHN LANFRANKI
 EDWARD DECKER LARDNER
 LAWRENCE DONOVAN LEE, B.S., Mon-
 mouth College, 1948
 ALLEN HAROLD LEFSTEIN, Ph.B., Uni-
 versity of Chicago, 1947
 CHARLES ROBERT LEIGHTON, Jr.
 OSCAR SIDNEY LENIT, Jr., B.S., 1948
 JERRY CHARLES LEVIN, B.S., Loyola
 University, 1948
 EUGENE JULES LEVINE
 HAROLD LEWIS
 GERALD LIEBERMAN
 LEONARD HAROLD LIEBERMAN, B.S.,
 1948
 ALEXANDER JOHN LINK
 JACK LYNN, JR., A.B., Miami Univer-
 sity, 1947
 ROBERT EDWARD MADDEN
 ROBERT JAMES MAGANINI
 GEORGE BURNIE MARTIN
 JOHN JACOB MATHEWSON, A.B., Green-
 ville College, 1948
 HUGH JOSEPH McMENAMIN, Jr.
 HARRY NEWTON McMURRAY, A.B.,
 Southern Illinois University, 1948
 ROY MILTON MENDELSON
 HARRY LEROY MESSMORE, Jr.
 FRANK LOUIS MEYER
 FELIX PATRICK MOONEY, M.D., 1937
 ROBERT ALLEN MOORE
 GEORGE WILLIAM MORROW, Jr., B.S.,
 1949
 ROBERT CARL MUEHRCKE, B.S., 1948
 DAVID GRAY NELSON
 MORTON S. NOTARIUS
 RALPH ARTHUR OLSON
 ROBERT GEORGE OLSON
 RICHARD VINCENT OWEN, A.B., Mon-
 mouth College, 1946
 RICHARD CLARE PARSONS, A.B., Olivet
 College, 1949
 ERWIN MAURICE PATLAK, B.S., Loyola
 University, 1948
 ERNST ADOLPH PHILIPP, B.S., Roose-
 velt College, 1948
 JUDSON VASCO PHILLIPS
 ROBERT LEE PRENTICE
 ERNEST LESLIE PROPE, A.B., Southern
 Illinois University, 1948
 ERNEST WILFRED PULLMAN, B.S., 1948
 ROBERT PIRRITE QUACKENBUSH, A.B.,
 Augustana College, 1948
 ADOLPH JOY RABINOVITZ, B.S., Roose-
 velt College, 1948
 ALYDA RENE RATAJIK, A.B., 1948
 JAMES DALEY ROORDA, M.D., 1947
 LEIGH EDWARD ROSENBLUM, B.S., 1948
 NORMAN P. ROTENBERG, B.S., 1948
 STANLEY GUS ROUSONELOS, B.S., 1948
 KUMAO SAKO
 CHARLES ARTHUR SCHELL, B.S., Quincy
 College, 1948
 ALBERT FREDRICK SCHNEIDER
 GROVER LEONARD SEITZINGER
 FRANK WALTER SEK
 DONALD KEITH SHANAFELT
 GLEN WILLIAM SHOLS
 JUSTIN SIMON
 ROBERT DENNIS SIMPSON
 CEDRIC MARTIN SMITH, B.S., Oklahoma
 Agricultural and Mechanical Col-
 lege, 1949
 JAMES EMERY SOUTHARD, B.S., 1948
 DARRELL EUGENE STATZER
 LOREN JULES STERN
 ALAN LYMAN THAIN
 LEE HERSH TRACHTENBERG, B.S., 1948
 RICHARD CLIFFORD TREANOR
 WILLIAM JOHN VON RUDEN
 HAROLD HALE WARNER, B.S., Univer-
 sity of Michigan, 1948
 ALVIN LLOYD WATNE
 FRIEDA MOLLY WEINER

STANLEY GERALD WERNER, A.B.,
Stanford University, 1948
DONALD SHANKLIN WHAM

VERNON EARL WILSON
FRED WILLIAM WITT
LYNN RORY WOODWARD

(Conferred March 24, 1951)

LORRAINE AGNES BLANKSMA
ELLIOTT SCHIFF COHEN, B.S., Long
Island University, 1948
PETER JOHN COTSIRILOS, M.D., 1943
ALFRED FLEISCHMAN
EDWARD ARNOLD GLENN, B.S., 1948
MARY FRANCES LYON, B.S., Wheaton
College, 1947

ROBERT FRANCIS PENN, A.B., 1943
RICHARD HERCULES TIMPTON, A.B.,
University of Dubuque, 1942
HUGO VIETZ, B.S., Roosevelt College,
1948
JULIUS JAY WINEBERG

Degree of Bachelor of Science in Occupational Therapy

(Conferred June 15, 1951)

HELEN ISABELL BARANYI
CYNTHIA ETNIRE CLARK
CAROL ELLANORA DILLON
MARCIA LOU DREYMLER
HELEN FECENKO, B.S., 1949
CORINNE FRANKEL

LOIS MARILYN FRASE
ALICE ELLEN KENNEDY, A.B., 1949
JANE LOIS MERRILL
LEILA HODES NEWAR
ELLA JANE RICH
SUSIE AYAKO YOSHIKAWA

Degree of Doctor of Medicine

(Conferred September 2, 1950)

HOWARD HAMILTON HARRIS, JR., B.S., 1948

(Conferred December 16, 1950)

GUY KENNETH DICE, JR.

HAROLD MARCUS SCHOOLMAN

(Conferred June 15, 1951)

JOSEPH DEAN AKERS, A.B., James
Millikin University, 1947; B.S.,
1948
CHARLES DELBERT AKES, B.S., 1949
ARLENE NYSTROM ALEXANDER, B.S.,
Wheaton College, 1947; B.S., 1949
GEORGE EDWIN ARMBRUSTER, B.S., 1949
BERNARD BAKER, B.S., 1948
JOE ALLEN BAKER, B.S., 1949
KENNETH ALVIN BAKER, B.S., 1949
BERNARD NATHAN BECKER, A.B.,
University of Southern California,
1947; B.S., 1949
CHARLES MILAN BERFIELD, B.S., 1949
BENNETT IRWIN BERMAN, B.S., 1949
SYDNEY GEORGE BILD, B.S., 1949
DEAN ROBERT BORDEAUX, A.B., Bradley
University, 1948; B.S., 1949
JOHN RONALD BOSWELL, B.S., Southern
Illinois University, 1947; B.S.,
1949
CARL EDWARD BURPO, B.S., Southern
Illinois University, 1947; B.S., 1949
CHARLES ROY BURROUGHS, B.S., 1949
EDWIN FORREST BUZAN, B.S., 1948
OLIN MANSEL BYERLY, B.S., William
Penn College, 1942; B.S., 1949
JOE WESLEY CANNON, A.B., Illinois
College, 1947; B.S., 1949

THOMAS WILLIAM CARTER, B.S., 1949;
with Honors
CLARENCE MELVIN COBB, B.S., 1949
RUSSELL FREDERICK COMPTON, Ph.B.,
Mt. Carmel College, 1939; B.S.,
1949
LOUISE DULANEY CONVERSE, A.B., 1947;
with Honors
HANAN COSTEFF, Ph.B., University of
Chicago, 1947; B.S., 1949; with
Honors
LOUIS EARNEST COWSERT, B.S.,
Southern Illinois University, 1947;
B.S., 1949
JAMES WALTER DAVIS, B.S., Indiana
State Teachers College, 1943;
B.S., 1949
DANIEL DEITCH, B.S., 1949
JUNE ELIZABETH DEWOLF, A.B., North
Central College, 1947; B.S., 1949
EDWARD FELIX DOMINO, B.S., 1948,
1949; with Honors
EARL KENNETH DORE, B.Ed., Chicago
Teachers College, 1947; B.S., 1949
JAMES PENDLETON DUNLAP, B.S., 1949
JACK WALTER DZIERZ, B.S., Illinois
Institute of Technology, 1947;
B.S., 1949
VIRGINIA SCHOOLEY EDWARDS
FRED SAUL ELESCH, B.S., 1949

- GEORGE ELFERS, JR., B.S., 1949
 JOHN RUDOLPH ERICKSON, A.B.,
 Augustana College, 1947; B.S.,
 1949
 JERRY CARLYLE FAIRBANKS, A.B., Lake
 Forest College, 1947; B.S., 1949
 AARON JAY FINK, B.S., University of
 Chicago, 1947; B.S., 1949; with
 Honors
 ALBERT FISH, B.S., 1947, 1949
 ROBERT GROVE FISK, B.S., University of
 South Dakota, 1949
 GEORGE LOUIS FREEARK, A.B.,
 University of Alabama, 1947;
 B.S., 1949
 RUDOLPH PHILLIP FROESCHLE, B.S.,
 North Dakota Agricultural College,
 1947
 LEROY PAUL WALTER FROETSCHER,
 B.S., Elmhurst College, 1947; B.S.,
 1949
 LEONARD GEORGE GANGENESS, B.S.,
 University of Minnesota, 1943;
 B.S., University of North Dakota,
 1949
 RUSSELL EUGENE GIBSON, A.B., North
 Central College, 1947; B.S., 1949
 BERNICE EILEEN GOTAAS, B.S., A.M.,
 Northwestern University, 1941,
 1947
 VICTOR GREGORY, B.S., Roosevelt
 College, 1948
 DONALD HADESMAN, B.S., 1949; with
 Honors
 JOHN OLIVER HADLEY, B.S., 1947, 1949
 ALVIN HARRIS, B.S., 1949
 DONALD LEE HARTRICH, B.S., 1949,
 1949
 BURTON ARMIN HEDA, B.S., 1949
 JOHN PHILIP HENRY, B.S., 1949
 NORMAN NATHAN HOLTZMAN, B.S.,
 1949
 JAMES GARVEY HOPKINS, B.S., 1949
 ROBERT KEITH HORTON, A.B., B.S.,
 1947, 1949
 ROBERT LOUIS HOYT, B.S., 1949
 DORIS MAY HUNTER, B.S., University
 of Chicago, 1937; with Honors
 VERNON ZELLER HUTCHINGS, B.S.,
 1947, 1949
 WILLIAM WESLEY IRELAND, B.S., 1949
 JOSEPH STOKES JENSEN, B.S., Univer-
 sity of Witwatersrand, 1946; B.S.,
 1949
 GORDON CRAIG JOHNSON, B.S., 1949
 RUTH ANN JONES, B.S., 1949
 SIDNEY DINKINS JONES, JR., B.S.,
 University of Mississippi, 1949
 EUGENE STEPHEN KAHLER, A.B.,
 University of South Dakota, 1947
 ALAN KANTER, B.S., 1949
 CHARLES BENDET KAPLAN, B.S., 1949
 WILLIAM HAROLD KAUFMAN
 JEROME AARON KHARASCH, B.S., 1949
 NORA KIRCHMAN, A.B., North Central
 College, 1947
 ALEX KISH, JR.
 NATHAN WALTER KRONENBERG, B.S.,
 1949
 JAN JOSEF KUKRAL, M.D., Charles Uni-
 versity, 1945
 HARRY EDWARD LAPLANTE, B.S., 1949
 ROBERT EUGENE LEE, B.S., University
 of Notre Dame, 1948; B.S., M.S.,
 1948, 1950; with High Honors
 BERT GROVER LEIGH, B.S., 1947, 1949;
 with Honors
 HERBERT IRVING LERNER, B.S., 1949;
 with Honors
 RUTH GEYER LERNER, B.S., 1949; with
 Honors
 CHARLES MATHEW LOFDAHL
 EVELYN JUNE LORENZEN, B.S., Univer-
 sity of Oklahoma, 1942; B.S., 1949;
 Ph.D., Cornell University, 1946
 MARY FRANCES LYON, B.S., Wheaton
 College, 1947; B.S., 1951
 DAVID WALTER MACFARLANE, B.S., 1948
 CHARLES WESLEY MAGNUSON
 WILLIAM CHARLES MASLOW, B.S., 1947,
 1949
 SEYMOUR MASOR, B.S., 1949
 SAM MATLIN, B.S., 1944
 ROBERT EDWARD MCELROY, B.S., 1949
 HENRY MILTON McLAUGHLIN, B.S.,
 Illinois Wesleyan University, 1947
 CYRIL EMMANUEL MENDELSON, B.S.,
 1949; with Honors
 EDWARD JOSEPH MILES, B.S., 1949
 JAMES JAHUE MILFORD, JR., B.S., 1949
 CECELIA E. MILLER, B.S., 1949
 ALEX MILSTEIN, A.B., Central
 Y.M.C.A. College, 1943; B.S., 1949
 MARIE OLIVE MOWRER, A.B., Southern
 Illinois University, 1947
 DAVID MULTACH, B.S., Georgia School
 of Technology, 1945; B.S., 1949
 WAYNE THOMAS NEAL, B.S., 1942,
 1949; D.D.S., 1944
 LEONARD ISRAEL NEFF, B.S., 1949
 DELBURT GRANT HAROLD NELSON, B.S.,
 Wheaton College, 1936; B.S., 1949
 JULIUS SAM NEWMAN, B.S., 1949
 ROBERT EDWARD O'CONNOR, B.S., 1949;
 with Honors
 MARSHALL JEROME ORLOFF, B.S., 1949;
 with Honors
 RICHARD DIGNAN OSLAND, B.S.,
 Southern Illinois University, 1947;
 B.S., 1949
 MARJORIE HORTIN OTERO, A.B., James
 Millikin University, 1950; B.S.,
 1949
 GEORGE HENRY PEDDIE, B.S., 1949

- EDWARD WARREN PELIKAN, B.S., M.S., 1948, 1950
 ROBERT FRANCIS PENN, A.B., B.S., 1943, 1951
 JAMES ALFRED PETERSEN, B.S., 1949
 ERNST ADOLPH PHILIPP, B.S., Roosevelt College, 1948; B.S., 1950
 ISADORE PITESKY, B.S., University of Chicago, 1940; B.S., 1948
 WILLIAM HENRY POGGEMEIER, JR., A.B., DePauw University, 1944; M.S., 1947
 JOHN THOMAS POLLARD, JR., B.S., 1949
 WILLIAM EDWARD POWERS, B.S., 1949; with Honors
 HERZL DOV RAGINS, B.S., 1949; with Honors
 BERNARD PHILLIP RESNIK, B.S., 1949; with Honors
 WALTER FREDERICK RETTBERG, B.S., 1949
 SIMON RODBARD, B.S., Ph.D., University of Chicago, 1938, 1941; with Honors
 DEAN SEYMOUR ROSSET, A.B., B.S., 1949
 ALEX MAX ROTER, A.B., B.S., 1948, 1949
 LAWRENCE SAXON, B.S., 1949; with Honors
 JEROME KENNETH SCHAFER, B.S., University of Michigan, 1947; B.S., 1949
 JOHN WILLIAMS SCHALLER, B.S., 1947, 1949
 FRANK A. SCHILTZ, A.B., James Millikin University, 1947; B.S., 1949
 SHELDON SCHONEBERG, B.S., 1949
 NATALIE HARRIET SCHUCKMELL, A.B., Cornell College, 1947; B.S., 1949; with Honors
 MELVIN NORMAN SEGLIN, B.S., 1949
 WESLEY RUSSELL SHAW, A.B., B.S., University of North Dakota, 1948, 1949
 SEYMOUR BERNARD SIEGEL, B.S., 1949
 SCOTT INSULL SMART, B.S., 1949
 DEAN BLAIR SMITH, A.B., Wheaton College, 1942; B.S., 1949
 MARK ELWOOD SMITH, B.S., Northwestern University, 1946; B.S., 1949; with Honors
 ERNEST JAMES SOTROP, B.S., 1949
 EDWARD DONALD SPENCER, A.B., Greenville College, 1944; B.S., 1949
 EDWARD HAROLD SPIEGEL, B.S., 1947, 1949
 TOM WILLIAM STIVERS, B.S., 1947
 EMANUEL STOLMAN, B.S., M.S., 1943, 1947
 HARRY BERNARD STONE, B.S., 1947
 JAMES BARTON STOTLAR, B.S., 1949
 FRANCIS WILLIAM STREHL, B.S., 1949
 WALLACE FRANCIS STROW
 MARY CATHERINE SULLIVAN, B.S., 1947; with Honors
 BURTON McROBERT SUTHERLAND, A.B., Wheaton College, 1947; B.S., 1949
 HENRY HUNTINGTON SWAIN, A.B., B.S., 1943, 1949
 WILLISON I. TAYLOR, B.S., 1947, 1949
 PAUL GEORGE THEOBALD, B.S., 1949
 ARTHUR DAVID THIESSEN, A.B., Bluffton College, 1947; B.S., 1949; with Honors
 RICHARD HERCULES TIMPTON, A.B., University of Dubuque, 1942; B.S., 1951
 ANTON FRANCIS TOCHALAUSKI
 ALLAN OMER TUFTEE, A.B., St. Olaf College, 1947; B.S., 1949
 KARL DYAR VENTERS, B.S., 1949
 RAYMOND VESPA, B.S., 1949
 HAROLD MERYLE VISOTSKY, B.S., 1949; with Honors
 DAVID CLARENCE VORIS, B.S., 1947, 1949
 RALPH WEISS, B.S., 1949
 MARY JANE WESTCOTT, A.B., University of Missouri, 1947
 GILBERT HOLDEN WHITE, JR., B.S., University of Miami, 1941
 REX EDWARD WIEDERANDERS
 KENNETH MITCHELL WILCOX, B.S., 1949
 RUDOLPH ERNST A. WILHELM, B.S., 1949
 HERMAN CLIFFORD WOOD, B.S., McGill University, 1947; B.S., 1949
 DALLAS LAVAL YORK, B.S., 1949; B.S., Southern Illinois University, 1949
 SHERWIN SOL ZEID, B.S., 1949; with High Honors

SCHOOL OF NURSING

Diploma in Nurse Training

(Conferred June 15, 1951)

GEORGIA MAE ADLER
 ELFRIEDA BECHTLE
 JEANNE ALLEN BELLACK
 LAVERNE ANN BICEK
 MATTIE LOIS BOLLING

PAULINE WINIFRED CHAPMAN
 GERALDINE COOK
 MARIE FRANCES DANKERT
 GRETA DAWN ENGST
 JACQUELINE MARIE ERLICHER

JANE JEFFREY FIELDING
 VIRGINIA PAULINE GYGAX
 DORIS A. HAGE
 JEAN HARPER
 DAGMAR FLORENCE JOHNSON
 JEANNETTE RUTH JOHNSON
 SACHIKO KASHIWAGI
 CLARA KASTON
 NORMA JEAN KILE
 SHIRLEY M. KOMPARE
 ANN MARIE HERRBACH KRAMETBAUER
 PAULINE DOROTHY LECH

ANNA FRANCES McLEAN
 JANE ELIZABETH LLOYD McNEELY
 GEORGIA M. RAMSEY
 MARGARET ANN REBSCH
 BEVERLEY BLANCHE SAYLER
 HELEN ELIZABETH SCHEUER
 CHARLOTTE ANN STUTZMAN
 ANNETTE MARIE TELFORD
 MARGARET JEANNE TVERBERG
 JOANN HELEN VOELKERS
 CLARICE WILLIAMS
 MARIAN CHARLOTTE WILLOCK

Degree of Bachelor of Science in Nursing

(Conferred June 15, 1951)

MARJORIE ANN JOHNSON

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

(Conferred August 18, 1950)

RICHARD JULIUS BUCZYNSKI

WILLIAM HARVEY MUELLER

(Conferred June 15, 1951)

CLEM RAYMOND BALTO
 LEONARD DUANE BANNICK
 MICHAEL LEO BARND
 PAUL THOMAS BAYER, with Honors
 RAYMOND DOMENIC BENEDETTI
 ROBERT ANTON BERNER, with Honors
 SOL BERNSTEIN
 MELVILLE BESWICK, with Honors
 GEORGE HAROLD BLINICK
 DOLORES SOPHIA BOREK
 ALBERT JOSEPH BORGOLTE, with
 Honors
 MITCHELL LOUIS BORKE, with Honors
 EDWARD ANTHONY BORUCKI
 EDWARD JOSEPH BRUNO
 GEORGE EMANUEL BULL, Jr., B.S.,
 Franklin and Marshall College,
 1947
 JOSEPH GERALD CANNON, with High
 Honors
 GLENN JOHN CHEKYTIS
 ARNOLD CARL EMIL CHRISTENSEN,
 Ph.C., 1934
 IRVING COBERT
 MELVIN HERBERT COHAN
 ELLIS EDWARD CONFER
 HOWARD NEWTON CORBETT
 FRANK PAUL CORTILET
 JAMES MARLOWE DECKARD
 ROBERT MOYER DICKMAN
 ALLAN HAMMOND DOANE
 RICHARD MARION DOMBROWSKI
 PAUL EMMETT DOYLE
 WALTER JOHN FICKENWORTH
 CHARLES ELMORE FLEMING, with
 Honors
 DANIEL DAVID FOREMAN, Jr.

HOWARD WALTON FRANCK, A.B.,
 Augustana College, 1946
 THOMAS JOSEPH FREEMAN
 LAVERNE XAVIERA GAUDAS
 SAMUEL GLAZER, with Honors
 HENRY THOMAS GROSS
 JOHN THOMAS GULICK
 THOMAS EDWARD HACKBARTH
 ROBERT ARTHUR HALPIN
 SLAVOMIR JOHN HANUS
 JEROME PETER HASTERT
 ROBERT EARL HAWKINS
 CHARLES LAVERN HEDDE
 MICHAEL JOHN HERR
 DAVID MATTHEW HILL
 EDWARD HOLMES
 JOHN PILCHER JACOB
 ELEANOR MARY JAGDZINSKI
 JAMES BERTINE JOHNSON
 ERNEST DWIGHT JORDAN, with Honors
 ABRAHAM KAGAN, B.S., McGill
 University, 1944
 ROBERT FLETCHER KASTHOLM
 ROBERT C. KOPTIK
 ROBERT WILLIS KUECKS
 JEROME LEON LANDSMAN
 LESTER LAPIN
 LOUIS WAUGH LARSON
 RUSSELL JOHN LASPISA
 RALPH VINCENT LAVIERI
 RALPH SIGMUND LEVI
 WILLARD BENJAMIN LIMBAUGH
 KENNETH JEROME LISK, with Honors
 MILDRED MARGARET LOZAR
 WALTER EUGENE MADSEN
 RUDOLPH FERDINAND MAJER
 JEROME MARGRAFF

JOHN PHILLIP MARTEN
 CHARLES MERRILL MARTIN, JR.
 WALTER HENRY MCBRIDE, JR.
 EDWARD ARTHUR MEYERS
 FRANCIS JOSEPH MICHAELS
 JAMES CLARENCE MITCHELL
 LORADO THOMAS MONACO
 RICHARD DRAKE MONKMAN
 JOANNE TALUC MOORE
 RICHARD JOSEPH MORAVA
 HENRY ROBERT MORRIS
 ALFRED CHARLES MURABITO, B.S.,
 University of Dayton, 1944
 HERBERT THEODORE MYERSON
 MASUMI NAKAMICHI, with Honors
 TAKASHI JAMES NAKAO
 GEORGE OTTO NECHUTA
 HERBERT PAUL NEEF
 MYRON NEWMAN
 FRANK MICHAEL NOTO
 HARRY THEODORE OSE
 FREDERICK WILLIAMS OYEN
 RONALD JOSEPH PANKAU
 GEORGE ROBERT PENLAND
 EDWIN FRANCIS PESZEK
 ROBERT ALLEN PETERS
 ANDREW RICHARD RASCH
 MARVIN NORTON REIZNER
 GEORGE WILLIAM ROBERTS

JEANNE ROMANO
 RICHARD HAROLD ROTH
 ROBERT JOSEPH ROZANSKI
 EMIL S. RUBEN
 WILLIAM CHARLES SCHAAL
 JOSEPH AMBROSE SCHWIDERSKI
 ANITA LINK SHAEFER
 HARRY SHARE
 LEONARD MARTIN SILVER
 QUENTIN FREDERICK SKOULUND
 RAYMOND GARRETT SMITH
 PETER SOLYOM, JR.
 FRANK C. SPIRITO
 ANNABELLE STASIUK
 SILAS LOUIS STATHOPOULOS
 KENNETH BENJAMIN STEARN
 ROBERT TURNER STILLWELL
 IRVIN RICHARD TCHON
 PAUL IRVING THOMPSON
 WALTER LEROY TULLEY
 PHYLLIS RITA WASSERMAN
 SYLVAN HOWARD WAXMAN
 JAMES VINCENT WHITE
 JAMES JOSEPH WINSTON
 NORBERT JOSEPH WOJCIECHOWSKI
 RICHARD JAN WOZNIAK, B.S., 1947
 ROY FRANCIS WRIGHT
 FREDRIC SIDNEY YANOW

GRADUATE COLLEGE

Degree of Doctor of Philosophy

(Conferred June 15, 1951)

In Anatomy

SURINDAR NATH BHASKAR, B.D.S., University of Punjab (India), 1942; D.D.S.,
 Northwestern University, 1946; M.S., 1948
 JOSEPH LOUIS HENRY, D.D.S., Howard University, 1946; B.S., Xavier University,
 1948; M.S., 1949

In Medicine

SANFORD ASHER FRANZBLAU, A.B., B.S., M.S., M.D., 1939, 1941, 1942, 1943

In Physiology

RICHARD OWEN BURNS, JR., B.S., University of Notre Dame, 1948; M.S., 1948
 EDWARD WILLIAM HAWTHORNE, B.S., M.D., Howard University, 1941, 1946;
 M.S., 1949

In Physiology (Clinical Science)

ARMAND LITTMAN, B.S., M.D., M.S., 1942, 1943, 1948

Degree of Master of Science

(Conferred June 15, 1951)

In Anatomy

FELIX PATRICK MOONEY, M.D., B.S., 1937, 1950
 GHOUSE AHMED SHARIFF, B.M., B.Surg., University of Mysore (India), 1939

In Bacteriology

EUGENE WARREN CLARK, A.B., Macalester College, 1949
 ROBERT SHIELDS GEISTER, B.S., 1946
 JEAN HORWITZ, B.S., Northwestern University, 1947

BETTY HOWARD SIEGEL, B.S., M.S., Northwestern University, 1943, 1945
TAI KIANG WANG, M.D., National Defence Medical Center (China), 1936

In Chemistry (Pharmaceutical)

JAMES LEONARD BRANNON, JR., B.S., 1948
DONALD JOHN LUSSMAN, B.S., 1948
HARVEY RANDALL SPRIGGS, A.B., B.S., Southeast Missouri State Teachers College,
1945; B.S., 1950

In Histology

THEODORE EDWARD BOLDEN, A.B., Lincoln University, 1941; D.D.S., Meharry
Medical College, 1947

In Medicine

LIONEL MANDEL BERNSTEIN, B.S., M.D., 1944, 1945
WILLIAM ROBERT BEST, B.S., M.D., 1945, 1947
HAROLD GODFREY WEDELL, B.S., M.D., Northwestern University, 1943, 1946

In Oral Surgery

BENJAMIN GANS, D.D.S., St. Louis University, 1946

In Orthodontia

MILTON JAY LANDE, D.D.S., Temple University, 1947
DOUGLAS CHRISTIAN WALTER, D.D.S., University of Michigan, 1934
BENJAMIN HAYDEN WILLIAMS, D.D.S., M.S., Ohio State University, 1946, 1949

In Pathology

CHARLES ALLEN ASHLEY, A.B., M.D., Cornell University, 1944, 1947
JOHN PALFREY AYER, A.B., Harvard College, 1937; M.D., McGill University, 1942

In Pedodontics

JOHN MARTIN FRANKEL, D.D.S., B.S., 1944, 1947
ANTHONY JOHN MALONE, B.S., D.D.S., 1943, 1946
JACK D. ZWEMER, B.S., D.D.S., 1944, 1946

In Pharmacognosy

GLENN JOSEPH ELLIOTT, B.S., Montana State University, 1941

In Pharmacology

EDWARD FELIX DOMINO, B.S., 1948
AARON JAY FINK, B.S., University of Chicago, 1947
HAROLD FRANCIS HARDMAN, B.S., Rutgers University, 1949
ROBERT JAMES KAISER, B.S., M.D., 1947, 1949
DAVID WALTER MACFARLANE, B.S., 1948
MARSHALL JEROME ORLOFF, B.S., 1949
ISADORE PITESKY, B.S., University of Chicago, 1940; B.S., 1948
STANLEY VLADIMIR SUSINA, B.S., 1948
HENRY HUNTINGTON SWAIN, A.B., B.S., 1943, 1949

In Pharmacy

HELENA DA-SHEU SUEN, B.S., 1949
CONCHITA VILLACORTA VILLACORTA, B.S., University of the Philippines, 1947

In Physiology

ROBERT BARRETT BIRD, B.S., 1949
THOMAS LEONARD BRANNICK, B.S., 1944, 1949
EDWARD ARTHUR LICHTER, Ph.B., University of Chicago, 1947; B.S., Roosevelt
College, 1949
JOHN BEVERLY MOORE, III, B.S., 1949
EDWARD ROY PERL, B.S., M.D., 1947, 1949
WILLIAM CHARLES ULLRICK, B.S., Northwestern University, 1949

KARL DYAR VENTERS, B.S., 1949
 BERNARD ROBERT WEINSTEIN, B.S., 1949

In Physiology (Clinical Science)

BENUM WESLEY FOX, B.S., M.D., 1942, 1943
 MARTIN HOWARD KALSER, B.S., M.D., University of Pittsburgh, 1942, 1946
 JULIEN ALFRED LABOW, B.S., 1949
 PHILLIP ISRAEL MOZER, B.S., Roosevelt College, 1949
 FRANK RAYMON, JR., B.S., Southern Illinois University, 1947
 GEORGE STANLEY ROBACK, A.B., M.D., University of California, 1943, 1945
 CHARLOTTE ROSE ROBERTSON, A.B., 1948
 ISAIAH ANATOLE SHARE, B.S., M.D., 1945, 1947

In Surgery

BANNING GRAY LARY, B.S., M.D., 1947, 1948
 CHARLES ALLEN LINKE, B.S., M.D., 1948, 1950
 KENNETH OLIVER NELSON, B.S., M.D., University of Chicago, 1945, 1947
 DOUGLAS KELLY PACKARD, A.B., Albion College, 1944; M.D., Northwestern University, 1948
 HERZL DOV RAGINS, B.S., 1949
 RICHARD OTTO VYCITAL, B.S., M.D., 1941, 1944, 1945

JULY MEETING

It was agreed that the July meeting of the Board will be held at Urbana-Champaign on July 25, 1951, at an hour to be set by the President and Secretary of the Board.

On motion of Mr. Grange, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

July 25, 1951



The July meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Wednesday, July 25, 1951, beginning at 11:00 a.m. (C.D.S.T.).

The following members were present: President Livingston, Mr. Fornof, Mr. Grange, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Megran, Mr. Nickell, and Mrs. Watkins.

Also present were President George D. Stoddard, Provost Coleman R. Griffith, Mr. Ralph F. Lesemann, Legal Counsel, Mr. J. F. Wright, Director of Public Information, Mr. Lloyd Morey, Comptroller, and Mr. A. J. Janata, Secretary of the Board.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of May 18, 1951, press proof copies of which had been sent to all members of the Board in advance of this meeting.

On motion of Mr. Fornof, these minutes were approved as printed on pages 687 to 734, inclusive.

REPORT OF THE EXECUTIVE COMMITTEE

The Secretary presented the following report of the Executive Committee.

MEETING OF THE EXECUTIVE COMMITTEE

JULY 5, 1951

On call of the Chairman, the Executive Committee of the Board of Trustees of the University of Illinois met in the University Club, 76 East Monroe Street, Chicago, Illinois, at 12:30 p.m. (C.D.S.T.) on Thursday, July 5, 1951.

The following, constituting all members of the Executive Committee, were present: Chairman Park Livingston, Mr. Herbert B. Megran, and Mrs. Frances B. Watkins. Also present were Messrs. Lloyd Morey, Comptroller, and A. J. Janata, Secretary of the Board. Messrs. John R. Fornof and Wayne A. Johnston of the Finance Committee (Mrs. Watkins being the third member) were present during the first part of the meeting.

REPORTS OF THE FINANCE COMMITTEE**Depository for George A. Miller Fund**

The Finance Committee has considered the matter of safekeeping of securities and advice as to investments of the proceeds of the bequest of the late Professor George A. Miller and recommends that the Trust Department of the Continental Illinois National Bank and Trust Company of Chicago be selected for these services. The bank offers to handle this account during the first year for a fee of \$2,000 on the understanding that the total assets of the fund are estimated at \$750,000 and that the services will consist of investment of cash (rather than servicing of securities presently held by the estate) and safekeeping and continuous supervision of the account.

The Finance Committee recommends that this arrangement be approved and that the Comptroller be authorized to execute an appropriate memorandum of understanding with the Continental Illinois National Bank and Trust Company. This recommendation is being made to the Executive Committee since it was empowered by the Board of Trustees to represent the interests of the University and to take any actions necessary in connection with this bequest.

On motion of Mrs. Watkins, this recommendation was approved and the Comptroller was authorized to execute the necessary documents to implement this arrangement.

Sale and Purchases of Securities Representing Investments of Endowment Funds

The Finance Committee reported that it has reviewed the investments of permanent endowment funds with representatives of the Trust Department of the First National Bank of Chicago, the University's investment counsel, and recommends the following changes in such investments:

Sell**Preferred Stocks:**

- 150 shares Heyden Chemical Corporation 3½%
- 200 shares Jewel Tea 3¾%
- 45 shares Southern California Edison 4.48%

Common Stocks:

- 170 shares General Electric
- 200 shares Underwood Corporation

264 shares Abbott Laboratories
 45 shares American Tobacco
 200 shares General Foods
 150 shares J. C. Penney
 200 shares F. W. Woolworth Company
 425 shares Commonwealth Edison
 220 shares Pacific Gas and Electric
 120 shares Illinois Power Company

Bonds:

\$2,000 U. S. Treasury 2%, 9/15/53-51
 100 U. S. Treasury 2½%, 3/15/54-52
 1,000 U. S. Treasury 2½%, 3/15/71-66
 32,000 U. S. Savings Series G, 2½%
 \$22,000 due 1/1/62
 2,000 due 3/1/62
 8,000 due 6/1/62
 2,000 U. S. Treasury, various issues (if necessary to complete program)

Buy

Preferred Stocks:

150 shares International Nickel 7%, at approximately 132
 600 shares Du Pont Laboratories 5%, at approximately 23

Common Stocks:

135 shares Industrial Rayon, approximately 61¾
 200 shares Weyerhaeuser Timber, approximately 57½
 300 shares Federated Department Stores, approximately 41¾
 250 shares Minneapolis-Honeywell Reg., approximately 53
 200 shares B. F. Goodrich, approximately 53¾
 300 shares Southern Natural Gas, approximately 42¾
 500 shares Middle South Utilities, approximately 19¾
 500 shares Gulf State Utilities, approximately 21

On motion of Mrs. Watkins, these recommendations were approved, and the following resolution was adopted:

Resolution of Executive Committee Pertaining to Sales of Securities

WHEREAS, the Board of Trustees of the University of Illinois, a public corporation, incorporated under the laws of the state of Illinois, owns the following securities, which are investments of permanent endowment funds:

Preferred Stocks: 150 shares Heyden Chemical Corporation 3½%; 200 shares Jewel Tea 3¾%; 45 shares Southern California Edison 4.48%.

Common Stocks: 170 shares General Electric; 200 shares Underwood Corporation; 264 shares Abbott Laboratories; 45 shares American Tobacco; 200 shares General Foods; 150 shares J. C. Penney; 200 shares F. W. Woolworth Company; 425 shares Commonwealth Edison; 220 shares Pacific Gas and Electric; 120 shares Illinois Power Company.

Bonds: \$2,000 U. S. Treasury 2%, 9/15/53-51; \$100 U. S. Treasury 2½%, 3/15/54-52; \$1,000 U. S. Treasury 2½%, 3/15/71-66; \$32,000 U. S. Savings Series G, 2½% (\$22,000 due 1/1/62, \$2,000 due 3/1/62, \$8,000 due 6/1/62); \$2,000 U. S. Treasury, various issues.

AND WHEREAS Article IV (Committees of the Board) of the By-Laws of the Board of Trustees of the University of Illinois (1941) reads as follows:

"At the annual meeting in March of each year, the Board shall elect two members of an 'Executive Committee,' consisting of three members, the President of the Board to be Chairman ex-officio, which members shall hold office for one year, or until their successors have been elected.

"Said Committee shall possess all the powers of the Board when in session, provided that it shall not overrule, revise, or change the previous acts of the Board, or take from regular or special committees any business referred to them by the Board.

"It shall not have power to lease, sell, or purchase real estate unless previously authorized by the Board in session or a majority of the members individually in writing."

AND WHEREAS the Finance Committee of the Board of Trustees has recommended to the Executive Committee that it is to the best interest of the University to dispose of the above listed securities at this time, and the Executive Committee of the Board of Trustees has approved such sale,

Now therefore be it resolved by the Executive Committee of the Board of Trustees of the University of Illinois in a duly constituted meeting on July 5, 1951, at Chicago, Illinois, that the securities listed above be sold at this time at the best price obtainable, and that Lloyd Morey, Comptroller, and A. J. Janata, Secretary, be authorized to execute any and all documents necessary to complete such sale.

At this point, Messrs. Fornof and Johnston withdrew.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Executive Committee considered the following recommendations and reports from the President of the University submitted for him by the Secretary of the Board,

PURCHASE OF RESIDENCE PROPERTY FOR FACULTY HOUSING

(1) The Board of Trustees has authorized the Executive Committee to purchase an additional residence property as part of the special program of residence property acquisitions for faculty housing.

The purchase of the property at 706 West Indiana Avenue, Urbana, at a price of \$25,000 is recommended. There is submitted with this recommendation a description of the property and a real estate appraisal. The property was on the market at \$26,000, but the owner has agreed to sell it at the appraisal figure of \$25,000.

A special appropriation of \$25,000 from the General Reserve for the purchase of this property is also recommended.

On motion of Mrs. Watkins, the purchase of this property was authorized and an appropriation of \$25,000 was made for this purpose from the General Reserve by the following vote: Aye, Mr. Livingston, Mr. Megran, Mrs. Watkins; no, none; absent, none.

CONTRACT FOR ENGINEERING SERVICES

(2) The Director of the Physical Plant and the Comptroller recommend a contract with E. C. Manthei, Champaign, to provide for the necessary mechanical drawings, specifications, and contractual documents for the electrical, plumbing, heating, ventilating, and refrigeration work required for the following projects:

1. West addition to the Stock Pavilion.
2. Modernization of the present transformer vault facilities at the Stock Pavilion.
3. Agricultural Engineering Addition.

The contract will provide for payment of five per cent of the low bids for the mechanical work.

Funds are available in the state appropriation for capital improvements for this contract.

The President concurs and recommends that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Megran, this contract was authorized.

PURCHASE OF FEEDER CATTLE

(3) It is difficult to predict in advance and secure approval for the purchase of cattle in the feeding programs at the University. The availability of cattle and feed and the relative prices for the different grades of feeder cattle make any program subject to many changes. Advanced approval is necessary since the

purchase of such cattle must be completed at market prices immediately. Next year there will be greater than the usual variations because of the rulings of the Office of Price Stabilization.

It is recommended that the Comptroller be authorized to complete the purchase of cattle at market prices upon recommendation of the Dean of the College of Agriculture and when funds are available for such purchases.

On motion of Mrs. Watkins, authority was granted as recommended.

PURCHASES

Purchases Authorized

(4) The following purchases were authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One vacuum coating unit, bell jar type, 14 $\frac{1}{4}$ " x 24" x 13 $\frac{1}{4}$ ", four electrode system (for work and source heating), complete with pumping vacuum system, gauges and accessories for operation on 115-120 volt a.c., 60 cycle	Electrical Engineering	Distillation Products Industries, Rochester, N.Y.	\$3 075 00 f.o.b. Urbana
One 24" metal cutting saw with 1 h.p., 220 volt, 3 phase, 60 cycle, a.c. motor, controls, and Butt welder	Physics	H. C. Kariber Co., Champaign	1 090 15 f.o.b. Grafton, Wis.
Three sets saw guides and rip fence			
Universal high-speed milling attachment, 5" vice, 10" horizontal dividing head, arbors, adapters and collets for Van Norman No. 16 milling machine	Physics	E. L. Essley Machinery Co., Chicago	1 892 00 f.o.b. Springfield, Mass.
24 units of library shelves and 111 units of library extension shelves to match and intermember with present stack shelves at the Undergraduate Division Library	Library, Chicago Undergraduate Division	Edward Hines Lumber Co., Chicago	2 756 55 f.o.b. delivered to Navy Pier
One station wagon, four-door, complete with heater and defroster, turn indicators, oil filter, and five 6-ply tires, less allowance for vehicle No. 785, a 1947 Ford station wagon	Institute of Aviation	Sullivan Chevrolet Co., Champaign	1 330 33 (net)

On motion of Mr. Megran these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

The President concurs.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Three units: VHF transmitters, receivers, low frequency adapters, course selectors (radio equipment)	Institute of Aviation	Walston, Inc., East Alton	\$1 259 95 f.o.b. East Alton
408—1200' reels magnetic recording tape	Radio Station	Walker-Jimieson Co., Chicago	1 130 16 f.o.b. delivered
130 pieces of patient room furniture	Medical	L. B. Herbst, Chicago	2 704 22
29 pieces of hospital equipment	Obstetrics and Gynecology, Chicago Professional Colleges	Hospital Equipment Corp., Chicago A. S. Aloe & Co., Chicago American Hospital Supply, Chicago Clark Linen & Equipment Corp., Chicago Harris and Wellman, Chicago	702 40 652 85 66 24 615 87 1 232 25
		Mandel Bros., Chicago	1 324 00
		Debs Hospital Supply, Chicago	360 90 ¹
		American Sterilizer Corp., Chicago	1 460 00
		Total	(9 118 73)

¹ All items f.o.b. delivered except Debs Hospital Supply which is f.o.b. St. Louis, Mo.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
48 leather upholstered arm chairs for conference rooms and offices in the Animal Sciences Laboratory building	Animal Science	Mr. Jack Sheean, Bloomington	1 665 60 f.o.b. delivered
2,500 cases (approximate) Pyrex (Borosilicate) laboratory glassware to be ordered and delivered as required between July 1, 1951, and June 30, 1952	General Chemical Stores	E. H. Sargent & Co., Chicago (400 cases) A. S. LaPine & Co., Chicago (400 cases) Chicago Apparatus Co., Chicago (300 cases) Wilkens-Anderson Co., Chicago (300 cases) Central Scientific Co., Chicago (300 cases) Schaar & Co., Chicago (200 cases) A. Daigger & Co., Chicago (200 cases) W. M. Welch Manufacturing Co., Chicago (100 cases) Rascher & Betzold, Chicago (100 cases)	10 400 00 10 400 00 7 800 00 7 800 00 7 800 00 5 200 00 5 200 00 2 600 00 2 600 00
		Total (approximate) f.o.b. Urbana	(59 800 00)
12 hand operated calculating machines with cases for student use in Biostatistics course	Public Health, Chicago Professional Colleges	Monroe Calculating Machine Co., Inc., Chicago	2 190 96 f.o.b. delivered
Photoengraving requirements for the two-year period July 1, 1951, to June 30, 1953	Purchasing Office	G. R. Grubb & Co., Champaign Bloomington Engraving Co., Bloomington	20 000 00 20 000 00 (approximate amounts)
One milling machine with dividing head, tail stock, 220 volt, 3 phase, 60 cycle, h.p. motor and controls, and three cutter arbors	Physics Government Research	E. L. Essley Co., Chicago	5 345 00 f.o.b. Springfield, Mass.
4,000 board feet, Cypress, rough, kiln dried, B and better 2" x 6" and wider, random lengths	Physical Plant	Gaines Lumber Co., St. Louis, Mo.	1 308 00 f.o.b. delivered
5,097 board feet, C and better Ponderosa pine lumber kiln dried	Physical Plant	Long Lumber Co., Champaign	1 732 98 f.o.b. delivered
31,133 board feet (one carload) No. 1 fir lumber, kiln dried, with eased edges, S4S, and square end trimmed	Physical Plant	F. A. Smith Lumber Co., Urbana	3 657 07 f.o.b. car, Champaign
5,000 board feet 1" x 4" tongue and grooved, B and better, edge grain, fir flooring, 12' to 16' lengths	Physical Plant	Thompson Lumber Co., Champaign	1 050 00 f.o.b. delivered

On motion of Mr. Megran, these purchases were authorized.

UNIVERSITY OF ILLINOIS AIRPORT IMPROVEMENTS

(5) On March 13, 1951, the Board of Trustees approved a program of improvements at the Airport in cooperation with the Civil Aeronautics Administration and the State Department of Aeronautics on a fund-matching basis. The improvements include the resurfacing of the entrance road, drainage improvements, parking areas, resurfacing roads to airplane hangars, sewage disposal plant, and utility extensions and connections. Original allocations of funds for these improvements were: \$60,000 from the Civil Aeronautics Administration, \$45,000 from the State Department of Aeronautics, and \$45,000 from the University. The Board authorized the State Department of Aeronautics to act as its agent in preparing plans, advertising for bids, receiving bids, and supervising and conducting the letting and awarding of contracts upon the approval of the University Board of Trustees.

The State Department of Aeronautics sent invitations to bid to more than three hundred contractors in Illinois and advertised twice in Champaign-Urbana newspapers. The only bids received are from the General Paving Company, Champaign, on the resurfacing of the access road connecting the Airport with U. S. Highway 45, including certain drainage improvements, resurfacing part of the parking areas, and resurfacing drives leading to hangars. The bids are \$130,527.12 if the access road is resurfaced with concrete and \$107,242.69 if with

asphalt. The sewage disposal plant is not included in these bids. The engineers of all participating agencies recommend the acceptance of the bid on the concrete road.

By changes in the improvements of certain parking areas and drainage, the total bid for a concrete entrance road and other improvements excluding the sewer disposal unit has been reduced to \$105,000. The project has been revised whereby the Civil Aeronautics Administration will contribute \$52,000 and the State Department of Aeronautics will contribute \$62,500. This is adequate to pay for the reduced contract with the General Paving Company. The University will complete the sewage disposal improvements within the funds appropriated by the Board of Trustees for the University's share of the project.

Since the University is the sponsor of the project, it was required by the Civil Aeronautics Administration to authorize the State Department of Aeronautics to execute the contract with the General Paving Company even though no University funds are involved in this phase of the work. This authorization has been given.

The Sixty-seventh General Assembly has enacted a law authorizing publicly supported institutions of higher education to acquire by agreement with highway officials jurisdiction over public streets and roads which adjoin or which may be used as access roads to the Airport owned by such institutions. Local highway authorities will enter into an agreement with the University giving such jurisdiction and control of the access road to the Airport.

The Director of the Institute of Aviation and the Comptroller recommend (a) Authorization of the grant agreement and all representations and covenants contained therein as outlined above and authorization of the State Department of Aeronautics, as Agent of the University, to execute a contract for \$105,000 with the General Paving Company, Champaign, for the Airport improvements.

(b) Authorization of an agreement between the University and local highway officials under which the University of Illinois will assume jurisdiction, control, and responsibility for maintenance of the access road to the Airport.

It is recommended that the Comptroller and the Secretary of the Board be authorized to execute all necessary implementing documents.

On motion of Mrs. Watkins, authority was granted as recommended.

CONTRACT FOR INSTALLATION OF GAS REGULATORS IN HOUSING UNITS

(6) Most of the temporary family housing units serviced by gas for heating and cooking were provided with constant pressure gas regulators at the time the buildings were moved to the campus, but ninety-two of these buildings in the Stadium Terrace area were not so equipped. At present gas pressure varies so much that a flame in a burner not equipped with a regulator is sometimes extinguished, thus creating a hazard.

The Director of the Physical Plant and the Comptroller recommend award of a contract for \$2,473 to the Champaign Plumbing and Heating Company, Champaign, the lowest bidder, for the installation of gas pressure regulators in these ninety-two buildings. Funds are available in the income from operations of these buildings.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Megran, this contract was authorized.

REMODELING OF ENGINEERING RESEARCH LABORATORY

(7) The Board of Trustees has authorized the interior remodeling of the Engineering Research Laboratory (the former Physical Plant Service Building) to provide suitable quarters for research. Contracts were awarded and an assignment of \$320,000 was made for this remodeling at the meeting of the Board on May 20, 1950.

The original contracts did not include completion of the third and fourth floors which had been eliminated in order to reduce the remodeling cost. On

February 15, 1951, the Board authorized further work on the third and fourth floors and made a supplementary assignment of \$40,000 for this construction, including extensions of the necessary utilities.

The Control Systems Laboratory, a classified research project of great importance to national security, has now been assigned all four floors of the building. The Electronic Digital Computer will be an integral part of the Control Systems Laboratory, occupying the second floor. Research in physics of the solid state will also be carried on in this building. A liquid nitrogen plant serving the entire University will be housed in the basement.

These activities require a return to the original plans for the remodeling of the building which had been altered to reduce the cost. The nature of some of these experimental programs requires air conditioning of the second, third, and one-half of the fourth floor, and the installation of a freight elevator. Alteration of the basement area is also necessary to provide space for equipment. Additional work on the third and fourth floors is needed to provide suitable laboratories and offices. It is estimated that approximately \$200,000 of additional funds will be required to complete the remodeling according to original plans and to provide adequate facilities for research projects to which the University is committed. As a result, the University will have an excellent research building which will be available for research in several areas of physics and engineering.

The Provost, acting in the absence of the President, recommends that this additional construction be authorized.

The Physical Plant Department estimates that the program of remodeling heretofore authorized can be completed, with the exception of changes from incandescent to fluorescent lighting to conserve power, by September 1, 1951. The additional construction now recommended can be substantially completed by January 1, 1952, with the exceptions that the basement area and the first and second floors will be without ventilation and that the air conditioning will not be in operation because of the lack of power and fan coils. To meet these deadlines, immediate authorization of the additional construction work and installations is indicated. Utilization of approximately \$100,000 of government funds for the purchase of equipment and, in fact, retention of the Control Systems Laboratory at the University of Illinois are major considerations. Accordingly, the Provost, with the advice of the Physical Plant Department, recommends that

(a) Authority be given to negotiate with the present contractors for change orders for the removal of existing ventilating ducts on the second floor and the installation of other ducts in order to provide for the air conditioning of this floor.

(b) Authority be given to negotiate with the present contractors for the completion of all additional construction except for the installation of an elevator on which competitive bids will be taken.

(c) Authority be given to purchase critical materials and to execute construction change orders on an emergency basis.

On motion of Mrs. Watkins, the Executive Committee

(a) Authorized the additional construction and remodeling.

(b) Authorized the Comptroller and the Director of the Physical Plant to negotiate with the present contractors for the additional construction and remodeling work.

(c) Authorized the President of the University to approve purchases of critical materials and equipment and the execution of construction change orders.

(d) Authorized the securing of competitive bids on the installation of a freight elevator.

(e) Made an appropriation of \$200,000 of which \$100,000 is to be assigned from the state appropriation for 1951-1953 "For remodeling, modernization, and improvement of existing buildings at Urbana-

Champaign," and \$100,000 is to be assigned from United States government contract funds.

These actions were taken by the following vote: Aye, Mr. Livingston, Mr. Megrn, and Mrs. Watkins; no, none; absent, none.

**SERVICES OF DR. CARROLL L. BIRCH TO THE
DEPARTMENT OF STATE**

(8) The United States Department of State has requested the services of Dr. Carroll L. Birch, Professor of Medicine, whereby she will be loaned to the Technical Cooperation Administration of the Department to serve as Principal of the Lady Hardinge Medical School in New Delhi, India, for one year. The Department has proposed a formal agreement between the University of Illinois and the United States of America under which the government will give the University sufficient funds to pay Dr. Birch's salary, transportation to and from India, and other expenses incidental to this service.

The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend release of Dr. Birch for this assignment and approval of the proposed arrangements.

The Provost, acting for the President, concurs.

On motion of Mrs. Watkins, this recommendation was approved.

The Committee adjourned.

A. J. JANATA
Clerk

HERBERT B. MEGHAN
FRANCES B. WATKINS
PARK LIVINGSTON, *Chairman*

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following recommendations and reports presented by President Stoddard.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who have successfully passed the standard Certified Public Accountant examination given in May, 1951:

ARTHUR JAMES ABBOTT
RICHARD FRANK APPLE
BEN ARONSON
DAVID HARRIS ASHE
JOHN NETHERCOT BALCH
GLENN LEROY BAUMANN
ARTHUR PLYER BENNETT
BERNARD BERK
ROBERT GLEN BERRYMAN
ROBERT JOSEPH BEY
MILTON IRVING BLUM
ROBERT CHARLES BLYTHE
EUGENE PHILIP BORGESON
GEORGE RICHARD BOWEN
THEODORE DAVID BOWER
ROGER WAYNE BOYLL
JEAN FRANCES BREMER

MARVIN HERBERT BRESLAUER
GERALD DAVID BRIGHTON
GEORGE STOPP BRUNSON
CLYDE MILTON BUETTNER
JAMES EDWARD CAGNEY, JR.
CHARLES JAMES CAMERON
WALTER C. CANNON
ROBERT COLE CHRISTENSON
AARON COHEN
DEAN ALLEN COHLER
JAMES REUTHER COOKSEY
ROBERT DAVIDSON
LAURENCE WALTER ELIEL
NICHOLAS PETER ELLIS
WILBUR RAE EWING
BERNARD FEINSTEIN
EARL MARVIN FIELD

GORDON ALBERT FOX
 GEORGE EDWARD FROELICH
 FRANCIS ARTHUR GALLAGHER
 RUSSELL J. GIBSON
 WILLIAM H. GILLETTE, JR.
 ELWYN DOUGLAS GILLIS
 MELVIN A. GILMAN
 JULIUS GINSBURG
 LEO WILLIAM GLYNN
 EDWARD GOLDSTEIN
 MANDEL GOMBERG
 BERNARD GREENSWEIG
 DALE KENNETH GREVENGOED
 WILLIAM MARION GRIFFITH
 JOSEPH FREDERICK GUERIN
 VINCENT JOHN HAKMAN
 JOSEPH MICHAEL HAND
 JOHN JOSEPH HARRINGTON
 EDWARD HUGH HENNING
 JOHN CHARLES HERKLOTZ
 JOHN LAVERY HERLEHY
 IRVIN CHRIS HILGEMAN
 PAUL AUGUST HILST
 FRANCIS JOHN HORRELL
 EDWARD HORWITZ
 VIRGIL ARMSTRONG HUNTER
 TADAO ICHINOKUCHI
 JIMMY ALLEN ISAACS
 NORRIS EDWARD JONES
 JOHN ROBERT KADOW
 CHARLES RICHARD KANN
 THEODORE KASSEL
 GEORGE D. KASTEN, JR.
 MARY LOU KINGTON
 JOHN DIETRICH KNOBELL, JR.
 MORTON ROBERT KOSKY
 JOSEPH FRANCIS KOZOL
 GILMOUR MARVIN KROGSTAD
 GEORGE WILLIAM KRUMHAAR
 JAMES FREDERICK LANDGREN
 LESTER LARSON
 SAMUEL DAVID LEVENSON
 SIDNEY DAVID LEVIN
 KENNETH ALBERT LINDSTROM
 ROBERT CHARLES LUKER
 CATHERINE NORA LYNCH
 WILLIAM THOMAS MAGNOR

JOHN REED MANN
 JOSEPH JOHN MAREK
 WILLIAM RAYMOND METTE, JR.
 WESLEY ROBERT MUNDIL, JR.
 GORDON D. MURK
 WILLIAM EUGENE MURPHY
 NORMAN PAUL NALEFSKI
 EARL KENNETH NEWQUIST
 DONALD ERIC NORDENSTEN
 ELMER T. OLSON
 LYLE ELWOOD OLSON
 WILLIAM ALSTON OWENS, JR.
 ALBERT THOMAS PASEK
 RUSSELL GEORGE PATCHAK
 THOMAS JOHNSON PAYNE
 RONALD JAMES PERMAN
 BYRON THEODORE PETRY
 EUGENE JOHN PICKARZ
 ROBERT FRANK POLSON
 RICHARD FRANCIS PRENDERGAST
 ROBERT STANLEY PREUSS
 CONSTANTINE SPIROS PYSHOS
 NORMAN SIDNEY RACHLIN
 EDWARD ARNOLD RADEN
 JOSEPH E. RAU
 CARL EDGAR REAVLEY
 HAROLD ROSENZWEIG
 JOHN PHILIP RYDER
 FLOYD EARL SCHLABACH
 JACK SHAPIRO
 CHARLES HARVEY SHEA
 DONALD AARON SILVERTRUST
 JOSEPH ALLAN SKOLL
 AARON SLABODKIN
 BRUNO A. STARR
 CHARLES ROBERT THORNE
 JOHN VICTOR TINEN, JR.
 NORMAN EARL TUCKER
 ALBERT FRANCIS WARD
 HENRY WASSERMAN
 JOHN ROBERT WATERS
 PHILIP BRUCE WHITING
 WILLIAM JAMES WILLY
 PERRY DEAN WOODWARD
 ELMER WROGE
 WILLIAM JOHN ZUNDEL

I concur.

On motion of Mr. Nickell, these certificates were awarded.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. PAUL ADAMS BECK, Research Professor of Physical Metallurgy, in the Department of Mining and Metallurgical Engineering, beginning September 1, 1951, at an annual salary of \$10,000 (AY).

2. DAVID Y. CURTIN, Assistant Professor of Chemistry, beginning September 1, 1951, at an annual salary of \$5,500 (B).

3. EUNICE DOWSE, Assistant Dean of Women, beginning September 1, 1951, at an annual salary of \$4,800 (DY).

4. MARGARET H. KEENEY, Clinical Director and Assistant Professor of Occupational Therapy, College of Medicine, beginning September 1, 1951, at an annual salary of \$5,000 (DY).

5. FREDERIC MEYERS, Associate Professor of Labor and Industrial Relations, beginning September 1, 1951, at an annual salary of \$6,300 (DY).

6. GENEVA E. MILLER, Assistant to Coordinator of Nursing Education, with rank of Assistant Professor, beginning June 1, 1951, at an annual salary of \$5,100 (DY).

7. JAMES THOMAS MOORE, JR., Assistant Professor of Education, beginning September 1, 1951, at an annual salary of \$4,500 (B).

8. JOHN HOWARD PAZUR, Assistant Professor of Biological Chemistry, College of Medicine, beginning September 1, 1951, at an annual salary of \$4,500 (B).

9. MAX STONE PETERS, Assistant Professor of Chemistry, beginning September 1, 1951, at an annual salary of \$4,800 (B).

10. HJALMAR ROSEN, Assistant Professor of Psychology, Institute of Labor and Industrial Relations, beginning September 1, 1951, at an annual salary of \$4,900 (BY).

11. CHARLES KENNETH WHITEHAIR, Associate Professor of Veterinary Physiology and Pharmacology, College of Veterinary Medicine and Agricultural Experiment Station, beginning February 1, 1952, at an annual salary of \$6,700 (AY).

On motion of Mr. Johnston, these appointments were confirmed.

DIRECTORSHIP OF THE SMALL HOMES COUNCIL

(3) Professor William H. Scheick of the Department of Architecture and Director of the Small Homes Council has submitted his resignation effective September 1, 1951. He has been on leave of absence without pay since September 1, 1949, serving as Director of the Building Research Advisory Board of the National Research Council. He was released by the University for this service for the year 1949-1950 during which he organized the Building Research Advisory Board and initiated research projects. At the urgent request of the National Research Council, he was given leave of absence for another year. Now the officers of the Council and of the National Academy of Sciences have asked him to continue in this assignment indefinitely, and he has decided to stay with the Board.

I have accepted his resignation and request confirmation of my action.

I recommend also that Professor James T. Lendrum of the Department of Architecture and Associate Director of the Small Homes Council, who has been serving as Acting Director during Professor Scheick's absence, be appointed Director effective September 1, 1951, at a salary of \$9,000 a year (Y basis).

On motion of Mr. Nickell, the action of the President was confirmed and the appointment of Professor Lendrum was approved.

SCHOLARSHIPS IN LAW

(4) The Dean of the College of Law recommends that there be established ten scholarships at \$250 each plus exemption from tuition, to be made available each year to beginning law students selected on the basis of scholarship and promise of achievement and renewable as the holders progress through the years of their attendance. The renewal in each case would be conditioned upon the student having made (1) at least a B average in his first year to be eligible for a scholarship in his second year and (2) at least a B average in his law work for two years to be eligible for a scholarship in his third year.

These scholarships will be awarded by a committee of the faculty of the College of Law. Provision for the scholarships has been made in the budget for 1951-1952.

I concur.

This proposal was referred to the Committee on General Policy for consideration and advice.

UNIVERSITY CIVIL SERVICE SYSTEM OF ILLINOIS

(5) The Sixty-seventh General Assembly has passed and the Governor has approved a bill for an Act which creates a classified civil service system to be known as the "University Civil Service System of Illinois," the purpose of which is to

establish a sound program of personnel administration for the six state-supported institutions of higher education and the University Retirement System of Illinois. All certifications, appointments, and promotions to positions in these agencies and institutions shall be made solely on merit and fitness to be ascertained on examination except those specifically exempted. All University of Illinois employees heretofore under the University's Civil Service System will come under the new state-wide system. This Act becomes effective January 1, 1952.

The Act creating the University Civil Service System is to be administered by a Merit Board consisting of three members of the Board of Trustees of the University of Illinois, one member of the Teachers College Board, and one member of the Board of Trustees of Southern Illinois University.

The Director of Nonacademic Personnel recommends that the three members from the University of Illinois Board of Trustees be elected now so that the Merit Board can get organized and much of the preliminary work can be done prior to the date when the new system will begin to function.

I concur.

On nomination of Mr. Johnston, Messrs. Grange and Hickman and Mrs. Holt were elected representatives of the Board of Trustees of the University of Illinois on the Merit Board of the University Civil Service System of Illinois.

SCHOOL OF SOCIAL WORK

(6) The Division of Social Welfare Administration is an independent educational and administrative unit not attached to any college or school within the University's organization. The Director of the Division reports directly to the President of the University. The faculty of the Division recommends that its name be changed to the School of Social Work. This is in conformity with the practice in most other institutions.

I concur in this recommendation, this change to become effective as of July 1, 1951.

On motion of Mrs. Watkins, this recommendation was approved.

UNIVERSITY OF ILLINOIS LEGISLATION

(7) The Secretary of the Board reports, as a matter of official information and record, that he has received a certified copy of House Bill 613, Sixty-seventh General Assembly of Illinois, for "An Act making certain appropriations to the University of Illinois":

For remodeling, modernization, and improvement of existing buildings at Urbana-Champaign, including water reclamation installations, plans and specifications and fixed equipment installed relating thereto.....	\$1 047 000
For improvements to University grounds at Urbana-Champaign and of adjacent city streets.....	180 000
For architectural studies of proposed new Home Economics building.....	43 000
For contingencies to cover expenditures for purposes for which the amount appropriated in the above items enumerated is, or becomes, insufficient.....	65 000

These funds are subject to release by the Governor.

The President of the University recommends that the funds be appropriated for the purposes indicated.

On motion of Mr. Nickell, these funds were appropriated, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Herrick, Mr. Stevenson.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

Chicago Professional Colleges

1. Remodeling of quarters and installation of air conditioning for the Department of Physical Education.....\$32 500
2. Equipment for the College of Pharmacy..... 1 000
3. Construction of parking area at the Chicago Professional Colleges..... 7 500

Urbana-Champaign Campus

4. Equipment for the Department of Entomology..... 4 500
5. Equipment (ten practice pianos) for the School of Music..... 6 000
6. Rehabilitation of refrigerating equipment in Ice Skating Rink..... 10 000
- Total*.....\$61 500

I recommend that these appropriations be made from the General Reserve Fund.

On motion of Mr. Johnston, these funds were appropriated, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Herrick, Mr. Stevenson.

AGREEMENT WITH THE CITY OF URBANA FOR MAINTENANCE OF LINCOLN AVENUE STORM SEWER

(9) On April 19, 1951, the Board of Trustees authorized the employment of engineers for the services and designing of a storm sewer along the road north and immediately in front of the Floriculture and Vegetable Greenhouses to connect with the Lincoln Avenue storm sewer in Urbana. These plans will provide for the ultimate draining of the area in the immediate vicinity of the greenhouses and a larger area extending west as far as the site of the proposed new residence hall for men on Fourth Street.

While the actual construction of this drainage system is scheduled for the future, it is desirable that the University come to an understanding with the city of Urbana as to the cost to be assumed by the University when the improvement is made and the connection completed with the Lincoln Avenue storm sewer. With this improvement, the University will be using approximately 71 per cent of the sewer capacity of the Lincoln Avenue storm sewer. It is proposed that the University pay 71 per cent of the cost of the maintenance of this storm drain beginning when the University starts to use the outlet and continuing as long as the sewer shall be used by the University. The area to be drained is described as follows:

Commencing at the center line of Fourth Street at a point West of the North line of Roselawn Cemetery, thence North to the South line of Gregory Drive, thence East to Wright Street extended, thence North to the North line of Gregory Drive, thence East to a point two hundred fifty feet (250') West of the center line of Mathews Avenue, thence North to the East-West center line of Sec. 18, T. 19N., R. 9E. of the 3rd P.M., thence East to the West line of Goodwin Avenue, thence North along the West line of Goodwin Avenue to the center line of Nevada Street, thence East along the center line of Nevada Street to Lincoln Avenue, thence South along the center line of Lincoln Avenue to the center line of Florida Avenue, thence West along the center line of Florida Avenue to the East line of Mount Hope Cemetery, thence North along the East line of Mount Hope Cemetery to the North boundary of said cemetery, thence West along the North boundaries of Mount Hope Cemetery and Roselawn Cemetery to the point of beginning.

The Director of the Physical Plant and the Comptroller recommend that this agreement with the city of Urbana be executed.

I concur.

On motion of Mrs. Holt, this agreement was authorized.

CONTRACT WITH OZARK AIR LINES FOR USE OF UNIVERSITY OF ILLINOIS AIRPORT

(10) The University has had a contract with Ozark Air Lines for the period January 1 to June 30, 1951, for use of the Airport. The schedule of charges is \$600 a month for general services furnished by the University and landing fees of \$100 for each of the first two schedules, \$50 each for the next four, and \$25 each for remaining schedules. The present schedule of six flights per day has produced an income from landing fees of \$400 per month.

The Director of the Institute of Aviation and the Comptroller have negotiated a contract with Ozark Air Lines for a two-year period from July 1, 1951, which does not require as much general service by the University as heretofore (Ozark will perform this with its own personnel). It provides for the following charges:

- (a) Landing fees of \$50 per schedule (a monthly income of \$300 based on present schedules).
- (b) \$75 per month for the rental of space occupied at the Airport.
- (c) Payment of \$220 per month for line service by University personnel as requested by Ozark but not to exceed ten schedules a day.
- (d) The University will sell gasoline to Ozark at cost plus a handling charge of five cents per gallon.

The contract may be terminated by either party upon thirty days' notice.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Grange, this contract was authorized.

CONTRACTS FOR CONSTRUCTION OF AN ADDITION TO THE STOCK PAVILION

(11) The Director of the Physical Plant and the Comptroller recommend award of contracts as follows for the construction of an addition to the Stock Pavilion to house an abattoir and a chilling room and construction of holding pens, subject to the receipt of authority to begin construction from the National Production Authority:

General work — C. A. Petry and Sons, Champaign.....	\$57 100
Plumbing, heating, and ventilating work — F. R. Inskip and Company, Champaign.....	38 700
Electrical work — Brunkow Electric Company, Champaign.....	5 050
Refrigerating installation — Punzak Air Conditioning and Sales Company, Springfield.....	2 857

These are the lowest bidders.

The total budget for this project is \$131,000. Funds are available for this project in (a) an appropriation of \$10,000 from the General Reserve Fund made by the Board of Trustees on April 10, 1951, for the construction of a chilling room; (b) \$61,000 from the state appropriations for 1951-1953 for remodeling and modernization of existing buildings which funds are subject to release by the Governor; (c) \$44,000 from the state appropriations for the construction of agricultural buildings made for 1949-1951, the unexpended balances in which were reappropriated for 1951-1953; (d) a proposed appropriation of \$16,000 from receipts from sales of agricultural products (this being excess of receipts over estimated income budgeted from this source).

Subsequent to receipt of bids, C. A. Petry and Sons submitted a proposal to change the construction of the cinder drives adjacent to this Stock Pavilion addition to stabilized 6 in. crushed stone with concrete curbs at a cost of \$4,944. This addition is recommended because of the lower maintenance cost of such a drive as compared with a cinder drive which was originally specified.

I concur and recommend that (a) an appropriation of \$16,000 be made for accumulated agricultural receipts for this project; (b) the Comptroller and the Secretary of the Board be authorized to execute contracts as recommended; (c) an addition of \$4,944 for the construction of crushed stone drives with concrete curbs be authorized in the general contract.

On motion of Mr. Nickell, this appropriation was made and the contracts authorized, as recommended, by the following vote: Aye, Mr.

Fornof, Mr. Grange, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Herrick, Mr. Stevenson.

CONTRACTS FOR CONSTRUCTION OF AGRICULTURAL ENGINEERING ANNEX

(12) The Director of the Physical Plant and the Comptroller recommend award of contracts as follows for the construction of an annex to the Agricultural Engineering Building, subject to the receipt of authority to begin construction from the National Production Authority:

General work—C. A. Petry and Sons, Champaign.....	\$132 400
Electrical work—Brunkow Electric Company, Champaign.....	18 566
Plumbing, heating, ventilating, and temperature control work—Reliable Plumbing and Heating Company, Champaign.....	42 500

These are the lowest bidders.

The total budget for this project is \$225,000. Funds are available in the state appropriations for 1949-1951 for the construction of agricultural buildings, the unexpended balances in which have been reappropriated for 1951-1953.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

On motion of Mrs. Watkins, these contracts were authorized by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Herrick, Mr. Stevenson.

CONTRACT FOR ARCHITECTURAL SERVICES FOR HOME ECONOMICS BUILDING

(13) The appropriations made to the University for 1951-1953 for capital improvements include \$43,000 (plus an allowance of \$2,000 for contingencies) for architectural studies of a proposed new home economics building.

The Dean of the College of Fine and Applied Arts, the Head of the Department of Architecture, the University Architect, and the Chairman of the Building Program Committee recommend employment of Naess and Murphy, Chicago, as architects for this building on the basis of a fee of 6 per cent of the construction cost for complete architectural services. For the present this firm would be employed to prepare complete preliminary studies only. It proposes to furnish such services at not to exceed 1.2 per cent of the estimated construction cost. No extra charge will be made for any time of the principals.

I recommend that a contract for the professional services of Naess and Murphy on this basis be authorized.

On motion of Mrs. Watkins, this contract was authorized.

CONTRACT FOR CONSTRUCTION OF PARKING LOT

(14) The Director of the Physical Plant and the Comptroller recommend award of contract for \$18,260 to the Champaign Asphalt Company, Champaign, the lowest bidder, for the construction of a parking area with concrete curbs and asphalt surfacing at 1108 West Green Street, Urbana, to be used by the occupants of the Student and Staff Apartment Buildings at Green Street and Goodwin Avenue.

Funds are available in the budget for the construction of the Student and Staff Apartment Buildings.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Grange, this contract was authorized.

CONTRACTS FOR MINOR ALTERATIONS

(15) In the past, the Board of Trustees has awarded contracts on a cost-plus basis for minor alterations and remodeling at Urbana-Champaign. These contracts have been awarded on a year-to-year basis. Work under these contracts is initiated

on individual order by the Physical Plant Department and is subject to approval by the Comptroller and to the availability of funds appropriated by the Board. The contractors are employed on jobs which are so small or of such a character as to make competitive bidding impractical, and not exceeding \$5,000 for any one authorization. This procedure has the advantage of permitting immediate starting of work after the Board has approved an appropriation and it eliminates the expense of preparing drawings and specifications required in securing competitive bids.

The Director of the Physical Plant and the Comptroller recommend award of the following cost-plus contracts based on competitive bids for the fiscal year beginning July 1, 1951, with the understanding that no orders will be placed under such contracts after June 30, 1952, and that all work will be handled in accordance with the procedure established.

General work—Clyde E. Gates, Champaign	Percentages of Charges for			
	Material	Labor	Subcontracts	Merchandising
On jobs				
Up to \$500.....	10	25	8	..
From \$500 to \$1,000.....	8	22½	8	..
From \$1,000 to \$3,000.....	8	20	8	..
Over \$3,000.....	8	19	8	..
Plumbing and heating—Reliable Plumbing & Heating Com- pany, Champaign				
On jobs				
Up to \$250.....	33⅓	33⅓	15	10
From \$250 to \$1,000.....	30	30	15	10
From \$1,000 to \$3,000.....	27	27	15	10
Over \$3,000.....	25	25	15	10
Electrical work—Anderson Elec- tric Company, Danville				
On jobs				
Up to \$200.....	10	24	8	10
From \$200 to \$1,000.....	10	24	8	10
Over \$1,000.....	8	21	7	10
Ventilating and sheet metal— Schroeder's Ventilating Company, Champaign				
On jobs				
Up to \$250.....	28	30	10	15
From \$250 to \$1,000.....	24	28	10	15
From \$1,000 to \$3,000.....	20	22	10	15
Over \$3,000.....	20	22	10	15

To determine the lowest bidders, all bids were weighed by applying the percentages in accordance with the probable type of work to be done under these contracts. The recommendations for awards are based upon those bids which in the judgment of Physical Plant Department officials will result in the lowest cost to the University. In plumbing and heating, electrical work, and sheet metal work, the materials required are usually in such small quantities that they are taken from contractors' stocks and, hence, a merchandising overhead percentage is added to the material costs percentage. If material is purchased by a contractor for delivery directly to the job, the merchandising overhead is not added.

I recommend that these contracts be awarded in accordance with the terms and conditions stated, the Comptroller to report to the Board periodically on all contracts initiated.

On motion of Mr. Fornof, these contracts were authorized, as recommended.

CONTRACT FOR ADDITION TO ELECTRICAL DISTRIBUTION SYSTEM AT CHICAGO PROFESSIONAL COLLEGES

(16) The University has an agreement with the Commonwealth Edison Company of Chicago which provides for a "multiple service and combined billing" plan for

the extension of the electrical distribution system at the Chicago Professional Colleges. Under this plan the University secured a reduction in the rates based on consumption of power delivered to all points on the Chicago campus. However, with the addition of each new station in the system, the University is required to enter into an "excess facilities agreement" with the Commonwealth Edison Company for the installation of the necessary distribution lines to deliver power to the new point.

The Director of the Physical Plant and the Comptroller recommend an additional payment of \$8,450 under this plan to the Commonwealth Edison Company for extension of distribution lines to provide electrical service for the student residence hall.

Funds are available for this contract in the budget for the construction of this building.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents.

On motion of Mrs. Watkins, this contract was authorized.

CONTRACT FOR ALTERATIONS IN VENTILATING SYSTEM IN THE DEPARTMENT OF PHYSICAL MEDICINE QUARTERS

(17) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$24,847 to the Narowetz Heating and Ventilating Company, Chicago, the lowest bidder, for changes in the ventilating system in the quarters of the Department of Physical Medicine. The work will consist of air conditioning the Hydrotherapy Pool Area, the Electromyographic Room, and additional ventilation for the receptionist's office, departmental waiting room, student demonstration and classroom, examining room, and staff conference rooms. An appropriation for this and other remodeling work for the Department of Physical Medicine is being recommended separately.

I recommend that this contract be authorized, subject to the appropriation of funds.

On motion of Mr. Nickell, this contract was authorized.

IMPROVEMENTS IN PRESIDENT'S HOUSE KITCHEN

(18) Bids have been received for the furnishing and installation of improvements in the kitchen at the President's House to provide additional facilities as follows:

Darrell E. Waechter, Pekin.....	\$3 736 00
Swain and Myers, Inc., Decatur.....	2 788 50
Harry F. Munds, Urbana.....	2 360 00

The bid of Mr. Waechter is based on steel construction, the other two on wood, all custom built.

Other general, electrical, and mechanical work incidental to these improvements is estimated at \$2,400, or a total estimated cost of the project of \$5,000.

The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$2,360 to Harry F. Munds.

I recommend an appropriation of \$5,000 be made from the General Reserve Fund, and request that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Holt, this contract was authorized and an appropriation of \$5,000 was made from the General Reserve Fund by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Herrick, Mr. Stevenson.

ENGINEERING SERVICES IN DESIGNING ADDITION TO TALBOT LABORATORY

(19) The University has a contract with E. C. Manthei, Champaign, for engineering services in designing and preparing specifications for electrical, plumbing, heating, and ventilating installations on minor projects. The fee is 6 per cent of the bids on the mechanical work for these trades on any project.

The Director of the Physical Plant and the Comptroller recommend that Mr. Manthei be employed at the same fee to develop the mechanical drawings, specifications, and contractual documents for the electrical, plumbing, heating, and ventilating installations required for an addition to the Talbot Laboratory.

I recommend that the Comptroller be authorized to execute an addition to the contract with E. C. Manthei covering this project.

On motion of Mr. Johnston, authority was given, as recommended.

ADDITION TO VENTILATING CONTRACT FOR CONSTRUCTION OF ANIMAL SCIENCES LABORATORY

(20) The Director of the Physical Plant and the Comptroller recommend an increase of \$5,741 in the contract with the Bloomer Heating and Ventilating Company, Chicago, for ventilating and air-conditioning installations in the construction of the Animal Sciences Laboratory for

Special ventilation of twenty air changes per hour in three rooms.....	\$3 754
Changes in ventilation required by rearrangement of rooms and equipment	
on the fourth floor.....	<u>1 987</u>
	\$5 741

These room changes were made to increase utilization of space to be assigned to the Department of Dairy Science.

The cost of this additional work has been checked by the architects, Naess and Murphy, and by the Physical Plant Department, who consider the charges reasonable.

Funds are available in the state appropriation for the construction of this building.

I concur and recommend that the Comptroller be authorized to execute this contract change.

On motion of Mr. Megran, authority was given, as recommended.

CONTRACTS FOR COMPRESSED AIR EQUIPMENT

(21) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$8,203 to the Pennsylvania Pump and Compressor Company, Easton, Pennsylvania, the lowest bidder, for an air compressor with accessories, \$6,077, and electric motor and controls, \$2,126, subject to an escalation of not to exceed 10 per cent of the price quoted on the motor. This compressor is needed for general services at the Abbott Power Plant.

Funds are available in the state appropriation to the University for "Construction of Extensions to Utility Distribution Systems."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, this contract was authorized.

CONTRACT FOR PURCHASE OF COAL FOR URBANA-CHAMPAIGN DEPARTMENTS

(22) Bids have been received on uniform specifications for the purchase of 41,000 tons of coal screenings to be delivered to the Abbott Power Plant as required during the period from September 1, 1951, to May 31, 1952.

The Director of Purchases and the Comptroller recommend award of a contract to the Republic Coal and Coke Company, Chicago, the lowest bidder, for 1½ in. screenings coal to be furnished from their mine at a cost of \$3.85 f.o.b. mine, freight \$.99, total \$4.84; total estimated cost, \$198,440. This price is based on the present wage scale and is subject to increase or decrease in the event that wage contracts now in effect are changed. Any such change will affect the price to the extent that production costs are increased or decreased by the new contracts. The University has the right of approval of any such increase in price.

The lowest bid is determined by the number of British Thermal Units for one cent based on guaranteed analyses. A continuous check at the power plant is provided to insure compliance with specifications.

The contract is subject to approval by the Governor.

The Director of Purchases and the Comptroller also recommend purchase of approximately 2,600 tons of 1½ in. screenings coal, to be delivered to the Abbott Power Plant during August, 1951, from the Republic Coal and Coke Company, Chicago, the lowest bidder, at the same price of \$3.85 per ton, f.o.b. mine, plus freight at \$.99, total, \$4.84; total estimated cost, \$12,584. This is a firm price.

I concur in these recommendations.

On motion of Mrs. Holt, this contract and purchase were authorized.

AUTHORIZATION OF PURCHASES

(23) The University of Illinois Statutes include the following provision governing purchases which has been in effect for approximately seventeen years:

"Purchases shall be made on the basis of competitive prices wherever practicable, quality, suitability, and service considered. Purchases amounting to \$1,000 or more made from general funds or non-itemized appropriations shall be submitted to the Board of Trustees or to the Executive Committee, unless, in the opinion of the President of the University, urgent necessity exists that requires immediate action, in which case the President shall act and report promptly to the Board."

Materials and equipment needed for research are in short supply. In the case of research work for the Armed Forces, it is not always feasible to defer action on recommendations for purchases until a Board meeting.

Accordingly, to expedite purchasing procedure, I request a ruling by the Board of Trustees that the provision in the Statutes shall not apply to purchases under \$3,000 on government research contracts.

On motion of Mr. Johnston, the provision in the University of Illinois Statutes relating to purchases was amended to provide that all purchases amounting to \$2,500 or more shall be submitted to the Board of Trustees or to the Executive Committee for approval unless an emergency exists in which case the President of the University is authorized to act and to report his action to the Board.

PURCHASES

Purchases Authorized

(24) The following purchases were authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
50 sheets, 24 ounce hard copper, 36" x 96"	Physical Plant	Tanner & Co., Indianapolis, Ind.	\$2 665 81 f.o.b. delivered
50 sheets, 24 ounce hard copper, 42" x 96"			
36 sheets, 20 ounce copper, 48" x 96", lead both sides			
One 750 kva transformer	Physical Plant for remodeling Engineering Research Laboratory	R. E. Uptegraff Manu- facturing Co., Scottsdale, Pa.	5 973 00 f.o.b. freight prepaid
90', 4 wire, 2500 amp., weatherproof, bus duct with fittings	Physical Plant for remodeling	Graybar Electric Supply Co., Chicago	11 933 85 f.o.b. freight prepaid
One 2500 amp. circuit breaker	Engineering		
One 1600 amp. circuit breaker	Research		
Three 2500-volt indoor current trans- formers	Laboratory		
Four cathode ray oscillographs with green, short persistence cathode ray screen	Physics	Alfred Crossley & Associates, Chicago	1 312 00 f.o.b. Clifton, N.J.
One 10" precision lathe	Physics	Monarch Machine Tool Co., Sidney, Ohio	6 030 00 f.o.b. Sidney, Ohio

On motion of Mr. Megran, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
5,500 lbs. acetic acid, C.P. reagent	General Chemical Stores, Urbana	Grasselli Chemical Co., Chicago	\$10 248 73
13,000 lbs. hydrochloric acid, C.P. reagent			f.o.b. Urbana
5,200 lbs. ammonium hydroxide			
8,500 lbs. nitric acid, C.P. reagent			
23,600 lbs. sulphuric acid, C.P. reagent			
Lot laboratory apparatus to be used as stock in General Chemical Stores for summer and fall terms, 1951	General Chemical Stores, Urbana	Rascher & Betzold, Chicago	3 357 03
		Schaar & Co., Chicago	1 428 39
		Chicago Apparatus Co., Chicago	1 416 76
		A. S. LaPine & Co., Chicago	1 194 00
		Fisher Scientific Co., St. Louis, Mo.	974 21
		E. H. Sargent & Co., Chicago	830 83
		Wilkens-Anderson Co., Chicago	442 22
		A. S. Aloe Co., St. Louis, Mo. (All f.o.b. Urbana)	159 68
		General Chemical Co., Chicago	4 641 86
		A. S. LaPine & Co., Chicago	2 927 95
Lot laboratory chemicals to be used as stock in the General Chemical Stores for the summer and fall terms, 1951	General Chemical Stores, Urbana	J. T. Baker Chemical Co., Chicago	2 658 50
		E. H. Sargent & Co., Chicago	2 047 34
		Central Scientific Co., Chicago	1 597 34
		Schaar & Co., Chicago	1 429 33
		Rascher & Betzold, Chicago	954 00
		Wilkens-Anderson Co., Chicago	525 66
		Mallinckrodt Chemical Works, St. Louis, Mo.	508 49
		Chicago Apparatus Co., Chicago	474 12
		Merck & Co., St. Louis, Mo. (All f.o.b. Urbana)	224 64
		Radio Corporation of America, Camden, N.J.	8 272 20
One MI-12952 electron microscope, table model	Chemistry		f.o.b. Camden, N.J.
One MI-12985-B power supply			
One MI-12956-M vacuum pump			
One MI-12931-A 6000X lens kit			
One MI-12930-A 1500X lens kit			
One polar recorder used in aircraft radio	Electrical Engineering	Antenna Research Laboratory, Inc., Columbus, Ohio	3 200 00
			f.o.b. Columbus, Ohio
Two tape recorders, one recording amplifier and transfer switch	Music	Radio, Wire Television Co., Inc., New York City	1 518 65
			f.o.b. delivered
One used Steinway "M" piano No. 196000, dark mahogany, 5'7"	Music	Mrs. Walter B. Riley, Champaign	1 100 00
One 12,000 lb. lever arm creep testing machine without furnace, less credit equal to 75 per cent of rent paid to July 1, 1951	Theoretical and Applied Mechanics	Baldwin-Lima-Hamilton Corp., Philadelphia, Pa.	1 383 75
			(net) f.o.b. Urbana
Two Beckman spectrophotometers	Applied Materia Medica and Therapeutics and Medical Pediatrics, Chicago Professional Colleges	Wilkens-Anderson Co., Chicago	3 587 75
Two ultraviolet accessory sets			delivered
One suction pump			
One water bath			
One dry air sterilizer			
One photoelectric colorimeter			
325,000 gallons of No. 5 fuel oil for the Undergraduate Division heating plant at Navy Pier	Undergraduate Division, Chicago	George C. Peterson Co., Chicago	32 175 00
Twelve wood bookcases, 6'10" high, 6' wide, 12" deep, consisting of two 3' sections each with double, hinged glass doors, six adjustable shelves	Animal Sciences Laboratory	Jack Sheean, Bloomington	3 016 92
			f.o.b. Urbana

Item	Department	Vendor	Cost
Seventeen cabinets, wood, consisting of lower base storage unit 36" high x 22" deep and upper section of book shelving, 48" high x 12" deep; hinged panel doors on lower section and sliding glass doors on upper section; lengths as follows: fourteen 4' long, one 6' long, and two 12' long	Animal Sciences Laboratory	Jack Sheean, Bloomington	4 285 80 f.o.b. Urbana
105 bookcase sections with 32 top sections and 32 base sections	Veterinary Medicine Building	Twin City Printing Co., Champaign	1 384 78 f.o.b. Cincinnati, Ohio
Laboratory furniture consisting of sink assembly, shelstone peg board and fume hood, approximately 9' long x 31" wide x 96" high complete with fixtures for cold water, gas, air, steam, and electricity	Physical Plant for remodeling in Harker Hall	Metalab Equipment Co., Hicksville, Long Island, N.Y.	1 585 25 f.o.b. delivered
One laboratory 19' 10" wall bench assembly complete with base cabinet, Alberene stone sink, fume hood, and fittings for gas, air, steam, vacuum, tap water, distilled water, and electricity for installation in Room 53 Noyes Laboratory	Physical Plant for remodeling in Noyes Laboratory	E. H. Sheldon Co., Muskegon, Mich.	1 692 50 f.o.b. Urbana
Four Marchant calculating machines	Mathematics	Marchant Calculating Machine Co., Champaign	1 030 16
Two Monroe calculating machines		Monroe Calculating Machine Co., Springfield	1 249 50
Two Friden calculating machines		Martin Office Machine Co., Champaign	1 283 85 (All f.o.b. Urbana)
Less allowance for ten used Monroe calculating machines			
One Universal monochromator with 60 degrees, 60 x 75 mm. prisms of glass, fused quartz, and sodium chloride and prism tables but no windows	Zoology	W. H. Kessel & Co., Chicago	3 645 00 f.o.b. Urbana
One amplifier, with circuit accessories for Pbs and photomultiplier detectors and external balance control			
One thirteen-cycle chopper assembly with mechanical rectifier			
One thirteen-cycle evacuated thermocouple with focusing mirror and mirror mount No. 12-078			
650 tons $\frac{3}{4}$ x 10 mesh Southern Illinois oil treated stoker coal, to be delivered as required during 1951-1952	Various Departments	Acme Coal Co., Champaign	5 915 00
1400 tons pea size coke delivered in bins at Illini Village and Stadium Terrace, as required during 1951-1952	Housing Division	J. S. Bash & Sons, Champaign	21 644 00
700 ounces of No. 1 cover glasses in assorted sizes for microscopic technique	General Stores, Chicago Professional Colleges	Hospital Equipment Corp., Chicago	1 050 00 f.o.b. Chicago
348,000 laboratory order forms with one time carbon inserts, one-half inch gumming on top of each form	Research and Educational Hospitals, Chicago	Hedstrom Barry Co., Chicago	4 597 00 f.o.b. Chicago
Telephone service for transmission of five postgraduate telephone extension programs on <i>Current Advances in Dentistry</i>	Dentistry Postgraduate Studies, Chicago	American Telephone & Telegraph Co., Chicago	34 300 00
No. 6 fuel oil for the Medical Center Steam Company Power Plant at 1717 West Taylor Street, Chicago, as required during the year beginning July 1, 1951, and ending June 30, 1952, a minimum of 42,000 gallons, a maximum of 450,000 gallons, maximum quantity to be taken only in case of emergency or failure of coal supply	Physical Plant, Chicago Colleges	Arrow Petroleum Co., Forest Park (If maximum quantity is ordered, total cost will be	3 675 00 (minimum) 39 375 00)

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One spectrophotometer, infra-red, recording, 110 volt 60 cycle a.c. operation, complete with rock salt optics and with installation supervision	Chemistry	W. H. Kessel & Co., Chicago	12 000 00 f.o.b. Urbana
Twelve microscopes, medical type, objectives 10X, 43X, 97X (oil), 10X Huygenian eyepiece, condenser, stage, mirror, engraved	Bacteriology	C. W. Alban & Co., St. Louis, Mo.	2 414 70 f.o.b. Urbana
One microscope, binocular, inclined, 10X, 43X, 97X (oil) objective, 5X and 10X eyepieces, variable condenser, stage, engraved			
Less allowance for thirteen used, obsolete microscopes			
One truck, approximately 122" wheelbase, complete with delivery type body (inside dimensions 120" long x 74" wide x 70" high) and with special 36" x 36" hatch in roof, heater and defroster, and spare tire	Physics	Dana Hudelson, Inc., Champaign (Ford)	2 743 45
Deep well turbine pumping unit including discharge head, ten 10' sections discharge column, one suction pipe and strainer, 110' of 1/4" galvanized air line, and one 5 h.p., 220 v., 3 phase, 60 cycle, 1750 r.p.m. motor	Institute of Aviation	Aurora Pump Co., Aurora	1 178 00 f.o.b. delivered
6,000 copies of the manual for the College of Dentistry Telephone Extension Program to be printed and bound	Dentistry Postgraduate Studies, Chicago	Rogers Printing Co., Dixon	4 953 00
4,800 gallons road tar to be furnished and applied	Physical Plant	Illiana Construction Co., Urbana	7 242 00
12,300 gallons road tar to be furnished and applied			
7,850 gallons road oil to be furnished and applied			
120 tons 3/4" crushed limestone furnished and spread			
460 tons 3/4" crushed limestone furnished and spread			
7,200 pattern 35913 chrome, cast iron stoker links with drilled drive rod holes	Physical Plant	Babcock & Wilcox Co., Chicago	4 106 00
480 Clarin No. 2318-W steel folding chairs with wood seats	Physical Plant	Jack Sheean, Bloomington	2 746 66 f.o.b. Chicago

On motion of Mr. Megran, these purchases were authorized.

RELEASE OF DISCOVERY OF CERAMIC COATING MATERIALS

(25) Professor Dwight G. Bennett of the Department of Ceramic Engineering reports the development by him and Associate Professor William J. Plankenhorn of new ceramic coating materials while working on research under a contract with the United States Air Force. These coatings have been found to protect alloy metal from high temperatures for long periods of time. The United States Air Force requests that appropriate patent coverage be obtained to protect the public interest. The Air Force will assume the full expense of securing a patent.

Since this discovery is a result of research work done under a contract with the United States Air Force and since the Air Force will use the results for the public good, the University Research Board recommends that the rights to this discovery be released to the Air Force. Two previous discoveries in the same field have been released by the University to the United States Government.

I concur in the recommendation that this discovery be released to the United States Air Force.

On motion of Mr. Grange, this discovery was released to the United States Air Force.

INTERNAL OPERATING BUDGET FOR 1951-1952

(26) I present the University's internal operating budget for all divisions and funds for the fiscal year beginning July 1, 1951, and for the academic and administrative appointments beginning September 1, 1951. This budget has been prepared by the Provost and the Comptroller in accordance with policies approved by the President and in conference with deans, directors, and other administrative officers.

I recommend that:

1. This budget, covering the allocation of the University's operating income from all sources for the year beginning July 1, 1951, be approved.

2. The President of the University be authorized, in accordance with the needs of the University and the equitable interests involved and within total income, to (a) make such changes and adjustments as are needed, (b) make such additional appointments as are necessary, subject to the provisions of the University Statutes, and (c) accept resignations. All such changes will be covered in the Comptroller's quarterly financial reports, or in reports to the Board by its Secretary.

On motion of Mr. Johnston this budget was approved as amended by increasing the salary of the President of the University to \$23,500 a year, effective July 1, 1951, the appropriations of funds as recommended were made, and authority was given as requested. These actions were taken by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Herrick, Mr. Stevenson.

The complete budget as approved is printed in full in the appendix, page 880.

**INTERNAL BUDGET OF THE ATHLETIC ASSOCIATION
FOR 1951-1952**

(27) The Director of Intercollegiate Athletics submits, on behalf of the Board of Directors of the Athletic Association, the budget of the Association for 1951-1952 which is summarized as follows with comparative figures for the preceding year:

	1950-1951 Budget	1950-1951 Actual Income and Expense	1951-1952 Proposed
Income.....	\$807 607	\$821 759	\$764 075
Expenditures:			
Budget Appropriations.....	772 225	809 339	746 850
Special Appropriations.....	18 900	14 422	10 000
Total Expenditures.....	(791 125)	(823 761)	(756 850)
Excess of Income Over Expenditures.....	\$ 16 482	\$ 2 002 ¹	\$ 7 225

On July 1, 1950, the Athletic Association had a net operating surplus of \$47,360. The excess of expenditures over income of \$2,002 in 1950-1951 will decrease this surplus to \$45,358 on June 30, 1951.

The budget has been examined and approved by the Provost and the Comptroller. Salaries paid jointly by the Athletic Association and the School of Physical Education have been approved by the Director of the School.

The budget includes \$10,000 to be allocated by the Board of Directors for contingency expenditures, not to exceed \$1,000 for any one item. Estimated income exceeds the appropriations by \$7,225.

I recommend that this budget be approved and that the President of the University be authorized to make such changes and adjustments, including approval of new appointments and acceptances of resignations, as are necessary and recommended by the Board of Directors of the Athletic Association within the total income realized.

¹ Excess of expenditures over income.

Copies of this budget have been filed with the Secretary and the Comptroller of the Board.

On motion of Mr. Hickman, this budget was approved.

APPROPRIATIONS FOR THE COLLEGE OF AGRICULTURE

(28) The Dean of the College of Agriculture and the Comptroller recommend additional appropriations of \$43,964 from agricultural income of the College of Agriculture. For the year ended June 30, 1951, both receipts and expenditures have exceeded estimates because of the rising prices. It is recommended that the excess receipts be appropriated to the departments realizing the income as follows:

Agricultural Engineering.....	\$ 1 014
Agronomy.....	1 431
Animal Science.....	30 148
Dairy Science.....	3 500
Dixon Springs.....	1 500
Horticulture.....	6 147
Veterinary Research.....	<u>224</u>
<i>Total</i>	\$43 964

I concur.

On motion of Mr. Nickell, these appropriations were made by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Herrick, Mr. Stevenson.

ACTING DIRECTOR OF INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

(29) I recommend that Professor Milton Derber be appointed Acting Director of the Institute of Labor and Industrial Relations for one year from September 1, 1951, replacing Director W. Ellison Chalmers who is on leave of absence without pay for government service, Professor Derber's status to be Professor of Economics in the Institute of Labor and Industrial Relations on indefinite tenure at a salary of \$8,850 a year (AY) and Acting Director (DY) at a salary of \$650, total for the year, \$9,500.

On motion of Mrs. Watkins, this appointment was approved.

CHANGE IN HOSPITAL AND MEDICAL SERVICE FEE

(30) Since September 1, 1943, all students at Urbana-Champaign, with certain exceptions as explained below, have been assessed a hospital and medical service fee of \$5 per semester or a prorated amount for shorter terms (e.g., \$2.50 for an eight-week summer session) which assures them of payments for specified hospital and medical expenses in cases of illness. This plan was adopted by the Board of Trustees on April 29, 1943. Shortly after it went into operation, exemptions from payment of the fee were approved by the Board (October 29, 1943), in cases of (a) extramural students; (b) correspondence students; (c) persons on appointment on the University staff or on the staffs of the allied surveys or laboratories on the Urbana campus; (d) those registered as visitors in classes; (e) students taking not more than one unit of graduate work or more than five hours of undergraduate work in a semester, or students taking not more than one-half unit of graduate work or more than three hours of undergraduate work in the eight-week summer session.

There is a loophole in these arrangements. It lies at the point of definition of a member of the staff. A person who has an appointment of any kind can claim to be a member of the staff and thus secure exemption from the hospital and medical insurance plan. It is precisely this group of persons, however, who fail to take advantage of the voluntary insurance plan for staff members. During recent years an increasing number of these persons have had illnesses or accidents, the bills for which they could not pay. The Office of the Dean of Students has had repeated requests for *ex post facto* admission to the insurance plan or for substantial aid from the student loan funds.

The Committee on Fees and Scholarships has reviewed the whole situation and now recommends that all resident students, including persons with part-time appointments to the staff, who are registered for more than one unit of graduate work or for more than five hours of undergraduate work be required to become members of the hospital and medical service plan for students.

I concur.

On motion of Mrs. Holt, this recommendation was approved.

DEPOSITARY FOR GEORGE A. MILLER FUND

(31) The Executive Committee on July 5, 1951, selected the Continental Illinois National Bank and Trust Company of Chicago, through its Trust Department, for safekeeping of securities and advice as to investments of the George A. Miller Fund. In connection therewith, the following resolution is required. It has been approved by the Legal Counsel and its adoption is recommended by the Comptroller.

Resolution

WHEREAS, under the will of the late Professor George A. Miller the Board of Trustees of the University of Illinois (hereinafter designated as The University) is to receive a certain bequest of cash and securities, and

WHEREAS, it is the present intention of The University that said bequest be held intact as an endowment fund, to be invested in stocks, bonds, or other income producing securities and the income accruing thereon disbursed for certain educational purposes as provided in said will, and

WHEREAS, it is deemed desirable that said securities be kept in a safe place, with the income collected by the safekeeping agency,

Now Therefore Be It Resolved, that the Continental Illinois National Bank and Trust Company of Chicago be and it hereby is designated as the depository and safekeeping agency, in which bonds, stocks, securities, and other properties acquired from the estate of the said George A. Miller, or purchased or otherwise acquired from funds received from said estate which are the property of The University, may be deposited by its officers, agents, and employees, and

Be It Further Resolved, that Lloyd Morey, Comptroller, and A. J. Janata, Secretary of the Board of Trustees, acting jointly, be authorized, as approved by this Board or its committees acting under due authority, and upon such terms and conditions as to them shall seem proper:

1. To deliver to and deposit with the Continental Illinois National Bank and Trust Company of Chicago for safekeeping, custody, or other purposes any funds, bonds, stocks, securities, or other property owned or otherwise held by The University received from said estate of George A. Miller, and in connection therewith to open and maintain with said Continental Illinois National Bank and Trust Company of Chicago a safekeeping or custody account or accounts and to make the initial deposit therein and from time to time to make other and additional deposits and to sign orders and issue instructions to said Continental Illinois National Bank and Trust Company of Chicago for the conduct of said account or accounts, and

2. To cause to be withdrawn on the responsibility of, and at the risk of The University, and to sign orders and issue instructions for the handling, transfer, registration, sale, substitution, exchange and delivery of, any such funds, bonds, stocks, securities, and other property and the proceeds thereof, delivered to, deposited with, or otherwise held by said Continental Illinois National Bank and Trust Company of Chicago for the account of The University. Such withdrawals, substitutions, exchanges, and deliveries, whether subject to payment or not and whether pursuant to sale, exchange, or other transaction, may also be made by the bearer of any order, receipt, or request so signed, and

3. To purchase with such funds bonds, stocks, securities, and other property and to sign orders and issue instructions in connection with the purchase, payment, and registration thereof, and

4. To sell, pledge, transfer, assign, exchange, deposit with any reorganization committee, bondholders protective, or other committee or otherwise dispose of any such bonds, stocks, securities, and other property belonging to or standing in the name of The University or its nominee or held by The University for the account of others, and to sign orders and issue instructions regarding the handling of any matters connected with such transactions, and

5. To identify and guarantee assignments, transfers, and endorsements for transfer on such bonds, stock certificates, interim, participation, and other certificates and to identify and guarantee signatures on bond and stock powers of attorney pertaining thereto, and

6. To waive presentment, demand, protest, and notice of dishonor or protest and to give instructions in regard to the handling or delivery of any negotiable or non-negotiable documents received from said estate or deposited in said account, and

7. To sign reconcilements and certify to the correctness of statements pertaining to said account and approve and authorize adjustments therein, and

8. To act for The University in the transaction of business pertaining to said account and to sign orders and issue instructions to the Continental Illinois National Bank and Trust Company of Chicago in connection with funds received from the estate of said George A. Miller, and

Be It Further Resolved, that the Continental Illinois National Bank and Trust Company of Chicago shall receive customary and reasonable compensation for the services specified herein, and

Be It Further Resolved, that A. J. Janata, Secretary of the Board of Trustees, be authorized to delegate to Everett G. Smith, Executive Clerk in the President's Office, and Maude Archdeacon, Chief Clerk in the Board of Trustees' Office, authority to sign his name to orders for the purchase, sale, or transfer of securities held in the herein provided depository and safekeeping agency, as approved by this Board or its committees acting under due authority; and that Lloyd Morey, Comptroller, be authorized to delegate to C. C. DeLong, Bursar, and H. O. Farber, Assistant Comptroller, authority to sign his name to such orders under the same circumstances, and

Be It Further Resolved, that the officers named pursuant to this resolution are authorized to take all such actions as may be necessary to carry out the intent hereof, and

Be It Further Resolved, that the Secretary of the Board of Trustees of the University of Illinois be and he hereby is authorized to certify to said Bank a copy of these resolutions and the names and signatures of the Board's said officers and their said deputies hereby authorized to act in the premises, and said Bank is hereby authorized to rely upon said certificate until formally advised by a subsequent and like certificate of any changes therein, and is also authorized to rely on any such additional or subsequent certificates.

On motion of Mr. Megran, this resolution was adopted by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Herrick, Mr. Stevenson.

ACCEPTANCE OF GRANT OFFER OF THE ADMINISTRATOR OF CIVIL AERONAUTICS

(32) The University has undertaken to make certain improvements at its airport under a plan of cooperation with the Civil Aeronautics Administration and the State Department of Aeronautics whereby those two agencies and the University will provide funds for the improvements. Although the Board of Trustees has already authorized this program, and the Executive Committee of the Board has taken supplementary action approving certain modifications in this plan, the federal authorities now require adoption of the following formal resolution:

Resolution Accepting, Adopting, and Authorizing Execution of Acceptance of Grant Offer of the Administrator of Civil Aeronautics, Constituting Grant Agreement Between the Board of Trustees, University of Illinois, and the State of Illinois, Department of Aeronautics, Co-Sponsors, and the United States

WHEREAS, the Administrator of Civil Aeronautics, for and in behalf of the United States, has extended to the Board of Trustees, University of Illinois and the State of Illinois, Department of Aeronautics, Co-Sponsors, a formal Grant Offer, dated March 17, 1951, pursuant to the Project Application of the Board of Trustees, University of Illinois and the State of Illinois, Department of Aero-

nautics, Co-Sponsors, submitted to the Civil Aeronautics Administration, dated March 19, 1951, all as hereinbelow set forth, and all relating to the development of the University of Illinois Airport, the same bearing F. A. A. Project No. 9-11-026-101; and

WHEREAS, pursuant to and for the purposes of carrying out the provisions of the Federal Airport Act (60 Stat. 170; Public Law 377, 79th Congress) it is necessary that said Grant Offer be duly and formally accepted by the Board of Trustees, University of Illinois and the State of Illinois, Department of Aeronautics, Co-Sponsors; and WHEREAS, such Grant Offer and such Acceptance thereof, duly executed, together shall constitute the Grant Agreement between the Board of Trustees, University of Illinois and the State of Illinois, Department of Aeronautics, Co-Sponsors, and the United States relating to said airport development project; and

WHEREAS, the said Grant Offer is in the words, figures and form following:

[At this point there are inserted as integral parts of the Resolution copies of the Grant Agreement with the Civil Aeronautics Administration, the Project Application made by the University of Illinois, a property line map of the University of Illinois Airport labeled "Exhibit A" and an "Agency and Participation Agreement" with the State Department of Aeronautics. A certified copy of the Resolution in the records of the Secretary of the Board contains all of these documents.]

and

WHEREAS, pursuant to authority conferred by motion passed and adopted at a regular meeting of the Board of Trustees of the University of Illinois held on March 13, 1951, as set forth in the following true and correct copy of an extract from the minutes of said meeting, to wit:

[At this point in the Resolution there is inserted the above described extract from the Minutes of the Board of Trustees meeting of March 13, 1951, as printed on pages 640-641.]

the Comptroller and the Secretary of the Board did on the 28th day of June, A.D., 1951, execute for and in behalf of the Board of Trustees, University of Illinois the Acceptance of said Grant Offer.

Now, Therefore, upon consideration of said Grant Offer and all the terms, provisions, conditions and exhibits therein and thereto, Be It, and It Is Hereby Resolved by the Board of Trustees, University of Illinois, Acting by and Through Its Executive Committee in Regular Meeting Assembled, as follows:

1. That the Board of Trustees, University of Illinois accept, and it does by these presents accept the Grant Offer extended to it by the Administrator of Civil Aeronautics, for and in behalf of the United States, in the words, figures and form as hereinabove set forth; and that it ratify and confirm, and it does by these presents, ratify and confirm the action of the Comptroller and the Secretary of the Board in causing the Acceptance of such Grant Offer, in the words, figures and form as hereinabove set forth, to be duly executed by them in the name of, and for and in behalf of the Board of Trustees, University of Illinois, on to-wit, the 28th day of June, A.D., 1951, be and the same is hereby ratified, confirmed and adopted, such Grant Offer and such Acceptance thereof, duly executed as above set forth, to constitute a binding Grant Agreement with the United States.

2. That the Project Application, dated March 17, A.D., 1951, executed and submitted to the Civil Aeronautics Administration relating to Federal Aid Airport Project No. 9-11-026-101, including all the statements, representations, warranties, covenants, assurances, and agreements contained therein, be and the same is hereby ratified, confirmed and adopted.

3. That the Agency and Participation Agreement attached thereto and by reference made a part thereof, entered into on the 17th day of March, A.D., 1951, by the Board of Trustees, University of Illinois, and on the 8th day of May, A.D., 1951, by the State of Illinois, Department of Aeronautics be, and the same is hereby confirmed and ratified, reserving, however, the right, conditional upon approval by the Civil Aeronautics Administration, to enter into a Supplemental Agency and Participation Agreement with the State of Illinois, Department of

Aeronautics, as will accurately speak the fact of certain changes and modifications in the scope of work involved in said project and the respective responsibilities of the parties hereto as respects the accomplishment and payment of the costs and expenses of such work.

On motion of Mr. Hickman, this resolution was adopted by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Herrick, Mr. Stevenson; not voting, Mr. Johnston.

AGREEMENT WITH STATE DEPARTMENT OF PUBLIC WELFARE

(33) The University has an agreement with the State Department of Public Welfare covering the joint operations of certain medical institutions and services in connection with the Chicago Professional Colleges and the Research and Educational Hospitals.

This plan of operation includes the Illinois Neuropsychiatric Institute. The Department provides a hospital building, laboratory and scientific equipment and supplies; the University furnishes the professional staff. The University also provides the physical plant service, food service, laundry, drugs, and medicines, for which it is reimbursed by the Department. This requires dual appropriations in the state budget, one from state revenues to the Department from which it reimburses the University and a corresponding estimate must be included in the appropriation from the University Income Fund in which payments made to the University by the Department are deposited.

The Commission to Study State Government recommended that the Institute be transferred to the University, and a bill authorizing this was introduced in the Sixty-seventh General Assembly. The Department of Public Welfare and the University supported this bill. It included an appropriation to the University of \$1,405,700, the amount agreed upon by the two agencies. This bill passed and has been approved by the Governor.

There is also the Illinois State Psychopathic Institute in the Department of Public Welfare, housed in the Illinois Neuropsychiatric Institute building. With the consent of the University, Dr. Percival Bailey, Professor of Neurology, has been appointed Director of the Institute on part time. Representatives of the Department and the University have agreed upon the following statement to govern relations between the Illinois Psychopathic Institute and the University and the obligations to be assumed by each party:

The purpose of the Institute shall be to act as liaison between the State Mental Health Service and the University of Illinois in a cooperative effort to improve the quality of the medical personnel dealing with patients committed to their care and to seek new and improved methods of treatment and/or cure for the afflictions from which they suffer. In the promotion of these purposes the Institute shall furnish consultative services to the Mental Health Services of the Department of Public Welfare of the State of Illinois and to its institutions and divisions, shall carry on and promote research into the causes and possible means of treatment and/or cure of mental disorders and shall initiate and/or cooperate in programs for the training and improvement of the residents and medical personnel of the institutions and divisions of the Mental Health Service.

In support of this purpose, it is recommended that the following statement of understanding be acknowledged by the Department of Public Welfare and the University of Illinois:

1. The Department and the University mutually agree to promote in every way possible the purposes for which the Illinois State Psychopathic Institute was founded.

2. The Department obligates itself to pay the salaries of the personnel of the Institute and furnish funds for its work, both investigative and educational.

3. The Department will free the Institute of all obligations for routine service to the state hospitals and other state institutions except for consultative, research, and educational services.

4. The University agrees to furnish, free of rental, to the Illinois State Psychopathic Institute, space in the building previously known as the Illinois Neuropsychiatric Institute, at 912 South Wood Street, Chicago, Illinois, together with

janitor service and other maintenance. This space shall be adequate for the purposes of the Institute as agreed upon from time to time by its Director and the University authorities. At the present time, it consists of the following rooms: second floor south—rooms 207, 208, 209, 210, 211, 225; third floor south—rooms 307, 308; fifth floor north—rooms 555, 560, 562, 563, 564, 565, 566, 567; basement—rooms 27A, 28, 29, 30, 67.

5. The Director of the Illinois State Psychopathic Institute shall be appointed by the Department on nomination by the University and shall be removed on written request of either party. He must have qualifications which will entitle him to appointment on indefinite tenure in the Department of Psychiatry or the Department of Neurology and Neurological Surgery of the University.

6. The personnel of the Institute, apart from the Director, shall be chosen by its Director after consultation with the Department of Public Welfare.

7. The University agrees to cooperate with the Director of the Illinois State Psychopathic Institute in making the resources of the University available to the educational, consultative, and investigative program of the Institute. As a corollary to this, the Department and the University agree to continue their friendly relationships of many years' standing, in that requests for reference and transfer back and forth between the University Hospital and Institutes and the Welfare institutions, shall be freely made and carefully considered in a spirit of mutual helpfulness and cooperation.

8. Amendment or extension of this understanding can be effected by discussion and agreement between the proper authorities representing the Department of Public Welfare and the University together with the Director of the Illinois State Psychopathic Institute.

The Vice-President in charge of the Chicago Professional Colleges and the Comptroller recommend that this statement of policy and procedure be approved, with the understanding that it will be incorporated in a formal contract to be executed by both parties.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute such a contract upon approval of the same by the Vice-President in charge of the Chicago Professional Colleges and the Legal Counsel.

On motion of Mr. Hickman, this statement of policy and procedure was approved and the execution of a contract based on the same was authorized by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Herrick, Mr. Stevenson.

CONTRACT BETWEEN THE UNIVERSITY OF ILLINOIS AND PRESBYTERIAN HOSPITAL OF CHICAGO

(34) On July 1, 1941, the Board of Trustees entered into an agreement of affiliation with the Presbyterian Hospital of the city of Chicago under which certain facilities in Presbyterian Hospital were made available to the University for teaching purposes. The University, in return, appoints to its faculty, certain members of the Presbyterian Hospital staff, designated as Rush Presbyterian Hospital Staff, and pays them salaries for part-time services. This plan has created a problem, for the staff participates in the University Retirement System of Illinois and the University deducts from their salaries five per cent for contributions to the System. Presbyterian Hospital has no retirement system.

A contract has been negotiated with the Presbyterian Hospital making available to the University nine beds for teaching purposes and the services of the necessary teaching and clerical personnel, laboratory facilities, and such other facilities as are required to maintain the beds for the University's use.

The contract provides that the University shall pay Presbyterian Hospital \$60,775 a year, which is the approximate amount that would be paid by the University in salaries under the present arrangement. The University will discontinue payment of salaries to Rush Presbyterian staff and the Hospital will assume this obligation. Funds are available in the proposed 1951-1952 budget of the College of Medicine to meet these contract payments for hospital facilities.

The contract with the Presbyterian Hospital provides that:

(a) The University will pay \$60,775 annually for which the Hospital will furnish nine beds, teaching staff, and other services necessary to maintain such beds.

(b) Renewal is automatic from year to year unless terminated by either party by written notice prior to June 30 of any year.

(c) The amount to be paid is subject to revision upon a written request of either party to the other prior to the first day of any year.

(d) Any adjustment in payments will be based upon the actual cost to the Hospital of maintaining the beds.

The Vice-President in charge of the Chicago Professional Colleges, the Dean of the College of Medicine, and the Comptroller recommend approval.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute such a contract with the Presbyterian Hospital of the city of Chicago.

On motion of Mr. Nickell, this contract was authorized.

LICENSE OF ALLIS-CHALMERS MANUFACTURING COMPANY UNDER KERST PATENT

(35) The Allis-Chalmers Manufacturing Company, West Allis, Wisconsin, has been negotiating with the University for a license to manufacture betatrons embodying the improvement covered by U. S. Patent 2,545,958 which is held by the University. This is a patent covering a new and useful improvement in "induction accelerators" granted on application of Professor Donald W. Kerst, who assigned it to the University. Professor Kerst and the Department of Physics recommend that the Allis-Chalmers Manufacturing Company be granted a royalty-free nonexclusive license because (a) the apparatus will be used for research purposes for the benefit of mankind and no large-scale production is anticipated; and (b) Allis-Chalmers has been very cooperative with the University in the design and manufacture of equipment for research work. The University Research Board agrees with the royalty-free provision but is of the opinion that such a license should be granted for a period of five years, subject to renewal depending upon the extent to which the patent is used and the number of requests which might be received from other companies. The Research Board, therefore, recommends that Allis-Chalmers Manufacturing Company be granted a royalty-free nonexclusive license "to make, have others make for it, use and sell apparatus for which orders were accepted by Allis-Chalmers Manufacturing Company prior to March 21, 1956, embodying the invention claimed in U. S. Patent 2,545,958, Kerst, March 20, 1951."

I concur.

On motion of Mrs. Holt, a license on the terms recommended was authorized.

PROFESSIONAL SERVICES IN WATER RATES LITIGATION

(36) The Northern Illinois Water Corporation which operates the Champaign-Urbana water supply system, and with which the University has a contract for its water supply, has requested the Illinois Commerce Commission to approve an increase in rates. Officers of the University and of the local city governments are seeking information on the Corporation's financial operations to aid them in deciding whether or not higher rates are justified.

It is necessary to employ special auditors and legal counsel in securing such information and in representing the interests of Champaign and Urbana and the University before the Illinois Commerce Commission. The accounting firm of George Rossetter and Company, Chicago, which is currently employed by the Board of Trustees to audit University of Illinois accounts, is especially experienced in investigations of this kind. With the concurrence of local city officials, the Comptroller of the University invited representatives of this company to discuss the matter and they are now engaged in a preliminary study representing the three parties. The Comptroller recommends that the University join with the cities of Champaign and Urbana in employing this firm.

The University Legal Counsel recommends that the University join with Champaign and Urbana in employing special counsel to represent the interests

of these parties before the Illinois Commerce Commission. It would not be feasible for the Legal Counsel to undertake this assignment because the amount of time required would make it impossible for him to look after other University legal business. Also, for work of this kind it is advantageous to have counsel with special experience in rate litigation.

It is estimated that the total costs of these professional services, accounting and legal, will be approximately \$5,000. It is recommended that the University assume 30 per cent of the cost. The city of Champaign will assume 40 per cent and Urbana will assume 30 per cent.

I recommend that the Board of Trustees authorize the employment of George Rossetter and Company and an attorney to be selected by the cities of Champaign and Urbana and the University under this joint arrangement.

On motion of Mr. Johnston, authority was given as recommended, the selection of special counsel to be subject to approval by the President of the University.

ENGINEERING SERVICES FOR ABBOTT POWER PLANT

(37) There have been three additions to the Abbott Power Plant since it was first constructed in 1940. There are now four sets of drawings which must be analyzed to trace each individual circuit in order to diagnose and correct the cause of any operational troubles. This is not only time-consuming but increases likelihood of costly errors.

The capacity of the present generating equipment is barely sufficient to meet demands. In view of a potential deficiency in power production, it is important to have consolidated wiring diagrams of each control circuit in order to locate and correct promptly the cause of any trouble.

The Director of the Physical Plant and the Comptroller recommend employment of Sargent and Lundy, Chicago, consulting engineers on the design of the Abbott Power Plant and additions thereto, to prepare consolidated drawings. The firm offers to accept the assignment on the basis of the following charges: (a) engineering and drafting services, the actual salaries and wages of personnel employed, plus 100 per cent; (b) stenographic and clerical services, travel, and miscellaneous expense, at cost.

The estimated cost is \$2,000. Funds are available in the Physical Plant Operating Budget for this contract.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute such an agreement.

On motion of Mrs. Watkins, this recommendation was approved.

CONTRACT FOR SMALL HOMES COUNCIL CONSTRUCTION PROJECT

(38) The Acting Director of the Small Homes Council, the Dean of the College of Fine and Applied Arts, and the Comptroller recommend award of a contract for \$15,241.52 to Oran L. Shoemaker and Company, Champaign, the lowest bidder, for the construction of a flexible laboratory dwelling to be used in a study of "Design Criteria for Space in Dwellings" by the Small Homes Council.

Funds are available under a contract for a cooperative investigation between the Housing and Home Finance Agency and the University.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Fornof, this contract was authorized.

CONTRACT FOR PUMP VAULT

(39) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$6,995 to Clyde E. Gates, Champaign, the lowest bidder, for construction of a pump vault at the northwest corner of the Administration Building for the vacuum return heating system on the campus.

Funds are available in the Physical Plant Renewal and Replacement budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Grange, this contract was authorized.

CONTRACT FOR ROAD AND WALK IMPROVEMENTS IN HOUSING AREAS

(40) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$20,908 to the Champaign Asphalt Company, Champaign, the lowest bidder, for asphalt surfacing of roads and walks in the Stadium Terrace and Illini Village housing areas.

Funds are available in the income from the operations of Stadium Terrace and Illini Village for this maintenance work.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Megran, this contract was authorized.

ADDITIONS TO CONTRACTS FOR VETERINARY MEDICINE BUILDING

(41) The specifications for construction of the Veterinary Medicine Building did not include general site development. Estimates of cost of this phase of the work have been secured from the contractors who now have contracts for the construction of this building as follows:

Rough and finishing grading—John Felmley, Bloomington, General Contractor	\$9 567 00
Draining trench and grading at parking court—General Paving Company, Champaign, Parking Area Contractor	2 450 00
Yard and driveway drains and sewer lines connecting them—W. T. Mahoney and Sons, Chicago, Plumbing Contractor	4 536 74

All estimates have been checked by the architects and the Physical Plant Department and found to be reasonable. The Director of the Physical Plant and the Comptroller recommend the award of the contract additions.

Funds are available in the state appropriation for the construction of this building.

I concur and request that the Comptroller be authorized to execute these contract additions.

On motion of Mrs. Watkins, these changes in contracts were authorized.

ADDITION TO CONTRACT FOR REMODELING OF QUARTERS FOR DEPARTMENT OF BACTERIOLOGY

(42) The Director of the Physical Plant and the Comptroller recommend an increase in the contract with Reliable Plumbing and Heating Company, Champaign, for remodeling in Noyes Laboratory for the Department of Bacteriology. This change will cover miscellaneous work in various rooms used by the Department, including additional radiators, water and air outlets. The estimated cost is \$1,310.

Funds are available in the appropriation for remodeling Noyes Laboratory.

I concur and request that the Comptroller be authorized to execute this contract addition.

On motion of Mr. Johnston, this contract change was authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(43) The Comptroller's report of contracts executed for the period, June 1 to 30, 1951.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
State of Illinois	Study of hydraulics of flow at bridges (1950-1951)	\$5 000 00	April 23, 1951
Baxter Laboratories	Study of tissue reactions to pyromen	2 400 00	April 2, 1951

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Illinois Power Company	Electric energy supply for Health Center	Rate per usage	June 4, 1951

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
James L. Lyon Company	Installation of accoustical ceiling in Chicago Illini Union Building	\$ 441 00	May 29, 1951
Banner Construction Co.	Construction of concrete sidewalks in designated area on Hermitage Avenue	890 00	June 21, 1951

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Enamel Utensil Manufacturers Council	Study of enamel standards	\$13 367 00	June 6, 1951
International Minerals and Chemical Corp.	Study of utilization of phosphorus by plants	2 500 00	June 18, 1951
Julius Hyman and Co.—Shell Chemical Corp.	Study of chlorinated hydrocarbon compounds as insecticides	5 000 00	May 16, 1951
Dawes Manufacturing Co.	Study of rations for boiler production	1 500 00	May 9, 1951
State of Illinois	Study of highway drainage	35 000 00	February 21, 1951
State of Illinois	Study of hydraulics of flow at bridges (1951-1952)	5 000 00	April 23, 1951

Adjustments Made in Authorizations Issued Under Cost-Plus Standing Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric Co.	Changes in administrative offices	\$2 668 78	June 4, 1951
	Architecture Building improved lighting	748 27	June 15, 1951
	Floriculture Building alterations	450 00	June 22, 1951
	Special state appropriation service building remodeling	1 074 07	June 25, 1951
	Remodeling Health Service, Davenport House	25 00	June 25, 1951
	Horticulture Laboratory remodeling	1 503 43	June 26, 1951
	Harker Hall remodeling rooms 104, 106	157 75	June 28, 1951
	1005 West Nevada Street remodeling	1 177 82	June 29, 1951
	Sub-total	(7 805 12)	
E. N. DeAtley	Changes in administrative offices	1 630 18	May 22, 1951
	Changes in administrative offices	3 948 00	June 4, 1951
	Talbot Laboratory remodeling	316 99 ¹	June 7, 1951
	Bevier Hall remodeling	1 643 17 ¹	June 12, 1951
	David Kinley Hall remodeling room 226	254 46 ¹	June 12, 1951
	Talbot Laboratory remodeling	702 54	June 19, 1951
	Horticulture Laboratory remodeling	4 973 82	June 26, 1951
	Harker Hall remodeling rooms 104, 106	3 484 88	June 28, 1951
	1005 West Nevada Street remodeling	1 600 00	June 29, 1951
	Sub-total	(14 124 80)	
Reliable Plumbing and Heating Company	Changes in administrative offices	600 00	May 22, 1951
	Radiocarbon Laboratory expansion	1 075 00	May 23, 1951
	Changes in administrative offices	260 00	June 5, 1951
	Green Street Apartments	385 00	June 13, 1951
	Talbot Laboratory remodeling	169 09	June 19, 1951
	Horticulture Laboratory remodeling	2 900 00	June 26, 1951
	Harker Hall remodeling rooms 104, 106	1 445 00	June 28, 1951
	1005 West Nevada Street remodeling	2 227 57	June 29, 1951
	Sub-total	(9 061 66)	
Schroeder's	708 South Mathews Avenue remodeling	385 50	May 12, 1951
	ing		
	Green Street Apartments	7 78 ¹	May 29, 1951
	Talbot Laboratory remodeling	131 24 ¹	May 31, 1951
	Talbot Laboratory remodeling	435 00	June 19, 1951
	Gymnasium Annex remodeling	146 56	June 20, 1951
	Special state—East Chemistry Building equipment	125 00	June 21, 1951
	Horticulture Laboratory remodeling	4 400 00	June 26, 1951
	Harker Hall remodeling rooms 104, 106	944 53	June 28, 1951
	Special state—East Chemistry Building equipment	17 42 ¹	June 30, 1951
	Sub-total	(6 280 15)	

¹ Deduct.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Clarence H. Siema	Radiocarbon Laboratory expansion	510 00	May 23, 1951
	Geography storeroom	539 00	June 15, 1951
	Special state—East Chemistry Building equipment	362 90	June 14, 1951
	Special state—East Chemistry Building equipment	442 00	June 22, 1951
	Special state—East Chemistry Building equipment	200 00	June 26, 1951
	Student and Staff Apartments	15 82 ¹	June 27, 1951
	Green Street Apartments	15 81 ¹	June 27, 1951
	Special state—East Chemistry Building equipment	400 00	June 28, 1951
	Sub-total	(2 422 27)	
Square Deal Electric Company	Geography storeroom	189 62	June 15, 1951
	Talbot Laboratory remodeling	335 45	June 19, 1951
	Sub-total	(525 07)	

¹ Deduct.

This report was received for record.

LEASE FOR THE CHICAGO OFFICES OF THE DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(44) The Chicago offices of the Division of Services for Crippled Children are in the Franklin-Adams Building at 222 West Adams Street, Chicago. An annual rental of approximately \$3.00 per square foot for 4,000 square feet of space occupied is paid from state appropriations made to the Division.

More space is needed. A proposal has been made by the State Department of Finance that the Division move into the State of Illinois Building (formerly the Burnham Building), 160 North LaSalle Street, recently purchased by the state of Illinois to provide offices for various state agencies. The Department of Finance operates the building on a revolving account basis, all state agencies housed in the building paying rent which is used to operate and maintain the building.

It is proposed that the University lease 4,600 square feet of space in this building at a rental of \$12,800 per year or approximately \$2.70 per square foot.

The space in the State of Illinois Building is much more adaptable to the needs of the Division of Services for Crippled Children and there is also the advantage of being closer to other state agencies with which the Division deals.

The Comptroller recommends that such a lease be approved. I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this lease for the period from August 1, 1951, through June 30, 1953.

On motion of Mr. Nickell, this lease was authorized.

COMMITTEE ON GENERAL POLICY

Mr. Johnston, for the Committee on General Policy, presented the following report:

MR. PARK LIVINGSTON
President, Board of Trustees
University of Illinois
Urbana, Illinois

CHICAGO, JULY 16, 1951

DEAR MR. PRESIDENT:

At the June meeting of the Board of Trustees you referred to and directed that the Policy Committee consider the following subjects:

- 1. Letter from Mr. J. H. Lyle, dated June 11, with an inclosure, relating to radio broadcasts made by Quincy Howe;
- 2. Letter from Mr. Lyle, dated June 6, having to do with President Stoddard's activities in connection with the UNESCO;
- 3. Letter dated June 8 from Professor Kemmerer, with which he inclosed copy of letter same date which he addressed to President Stoddard regarding the College of Commerce controversy.

Your committee obtained through the Secretary of the Board copy of the manuscript used by Quincy Howe in his broadcasts beginning April 2 and continuing through June 9. This period was selected for the reason that it was that specifically referred to in the letter from Mr. J. H. Lyle, although the entire

period of the broadcasts was from September 17, 1950, to June 9, 1951. During this period of time Quincy Howe, visiting professor of Journalism and Communications, broadcast on 44 days. On 10 of the days Donald Brown, assistant professor of Journalism and Communications and news director of Station WILL, broadcast. On 2 days Gilbert Steiner, research associate of the Institute of Government and Public Affairs, broadcast. On one day Arthur Bestor, associate professor of History, broadcast, and on one day Harold Salzman, radio programmer assistant of Station WILL, broadcast. On two dates during this period there were no broadcasts. These broadcasts were of 5 minutes duration and were news analyses given each morning at 7:40 AM and repeated at 11:55 AM from Monday through Friday.

Mr. Howe was brought to the University of Illinois as visiting professor of Journalism and Communications for the academic year beginning September 1950 and ending June 1951. He has been recommended for a permanent appointment beginning next September. He is a distinguished journalist, one time member of the editorial staff of *The Atlantic Monthly*, is a former editor of *Living Age* and, in more recent years, was a news analyst for the Columbia Broadcasting System. Minute analysis made of the manuscript by your committee indicates that while Professor Howe dealt with very controversial subjects, we do not consider that the analyses of the subjects discussed by Professor Howe are detrimental to the best interest of the University; further, that inasmuch as Station WILL is endeavoring to provide the kind and type of program that will manifest interest of their listeners and equal to the programs provided by other radio stations, it is the view of your committee that as long as the position taken by this or any other commentator is not prejudicial to free enterprise or the American way of life, there is not any justification for the Board of Trustees to censor, condemn or criticize the commentator, station or the administrative officers of the University of Illinois for broadcasts of this type and character.

The letter of June 6 from Mr. Lyle deals with the activities of President Stoddard in connection with the UNESCO. Your committee has also considered the content of the criticism in this communication. There are many important factors, as we view it, that have prompted President Stoddard to take an active part in this work. What can or will be accomplished by this program perhaps can be indicated as problematical so far as the rank and file of American people are concerned, but like all other programs that are launched it is necessary for the leaders in their fields to not only initiate the ideas but to foster and nurture them. In view of this premise the committee can see no reason that it can advance for criticizing the activity in this program on the part of President Stoddard, particularly appreciating as we do his qualifications. We do not believe there has been an adverse effect upon the activities of the University because of the interest which he has taken in the UNESCO. Obviously, it is necessary for President Stoddard to be absent from the campus and in fact the country in order to be effective in this work. This viewpoint of your committee has been considered in light of the need for Doctor Stoddard's attention to the administration of the affairs of the University. It is our understanding that the President's term on this committee will soon expire and that he can not succeed himself to another term.

The third subject, that having to do with a letter of June 8 from Professor Kenmerer regarding the controversy in the College of Commerce, has also been reviewed by your committee, including the recent report of the Advisory Committee. It is our view that considerable damage has been done to the University thru this controversy and the delay in its disposition. Your committee has a very strong view that it is highly desirable in disposing of this controversy to first dispose of the selection of the Dean for the College of Commerce, and that with promptness. It is your committee's belief that this selection can be made without delay and that the proper selection would go a long way in overcoming the present unsatisfactory condition. This we feel is the first step, following which the new Dean should be afforded an opportunity to review all reports and recommendations, thereafter submitting his recommendations to the President of the University as to what further steps should be taken. In the meantime, the committee suggests that the Board receive any reports of progress in the College as submitted by the President of the University.

The communications which you handed to us were returned to you June 14.

For the information and perusal of the Board, we are attaching transcript of the manuscript used by Professor Howe in his broadcasts April 2 to June 9.

Sincerely yours,

HERBERT B. MEGRAN

ROBERT Z. HICKMAN

WAYNE A. JOHNSTON, *Chairman*

On motion of Mr. Nickell, this report was adopted.

BOND OF UNIVERSITY TREASURER

Mr. Fornof, for the Finance Committee, presented the following report:

In electing Mr. C. W. Weldon on March 13, 1951, for a term of two years, the Board fixed the bond at \$5,000,000 and instructed the Finance Committee to examine the bond and report on the same to the Board.

Mr. Weldon has offered a bond signed by himself as principal, with Edward E. Brown, James B. Forgan, and Homer J. Livingston as sureties for the required amount, providing for a full accounting for bonds and securities coming into the Treasurer's hands during his term of office and until his successor is elected and qualified. The Committee has examined this bond and recommends its approval.

On motion of Mr. Fornof, the recommendation of the Finance Committee was approved.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board resumed consideration of the following recommendations and reports presented by President Stoddard.

CHAIRMANSHIP OF DEPARTMENT OF ECONOMICS

(45) President Stoddard reported that Professor Everett E. Hagen, Chairman of the Department of Economics, has announced his resignation effective August 31, 1951, and has asked to be relieved of his administrative duties as Chairman for the rest of the academic year. The President stated that he had accepted Professor Hagen's proposal to be relieved as Chairman effective July 25, 1951, and had asked Acting Dean Robert R. Hudelson of the College of Commerce and Business Administration to serve also as Acting Chairman of the Department of Economics.

On motion of Mrs. Watkins, the action of the President in relieving Professor Hagen of the chairmanship of the Department was confirmed and the appointment of Dean Hudelson as Acting Chairman was approved.

LEGISLATION BEFORE THE SIXTY-SEVENTH GENERAL ASSEMBLY OF ILLINOIS AFFECTING THE UNIVERSITY

(46) The President of the University presented, for the information of the Board, a digest of the bills introduced in the Sixty-seventh General Assembly of Illinois affecting the University. A copy of this report is filed with the Secretary of the Board as a matter of record.

SEPTEMBER MEETING OF THE BOARD

On motion of Mr. Johnston, the Board voted to dispense with a regular meeting in August and to hold its next meeting in Chicago, Illinois, on September 19, 1951, the hour and place to be determined by the President of the Board.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) fellows; (3) graduate fellows; (4) resignations, declinations, and cancellations; (5) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ADAMS, MRS. CATHARINE, To give instruction in Education in the Summer Session of 1951, on two-thirds time, June 22-August 18, 1951, \$628 for the period, supersedes (6-25-51).
- AUGUSTINE, LEROY G., Research Associate in Physics (C), June 15-August 31, 1951, \$300 a month (7-5-51).
- BAKAN, PAUL, Research Assistant in Psychology, in the Graduate College, one year beginning July 1, 1951, \$4200 (7-11-51).
- BAKER, MYRA L., Instructor in Home Economics (C), academic year beginning September 1, 1951, \$3500 (7-6-51).
- BACHELOR, ELIZABETH PINSKA, Research Assistant in Bacteriology, in the Graduate College, one year beginning July 1, 1951, \$3225 (7-5-51).
- BATEMAN, PAUL T., To give instruction in Mathematics in the Summer Session of 1951, June 22-August 18, 1951, \$1000 for the period (6-25-51).
- BELL, JOHN F., To give instruction in Economics in the Summer Session of 1951, on one-half time, June 22-August 18, 1951, \$867 for the period (6-25-51).
- BERTANI, GUISEPPE, Research Associate in Bacteriology, in the Graduate College, eleven months beginning August 1, 1951, \$400 a month (6-20-51).
- BIEGEL, ALBERT C., Assistant Professor of Ophthalmology, in the College of Medicine, \$2400 a year, and in studies under a United States Public Health Service grant, \$2800 a year, on 85/100 time, two months beginning July 1, 1951, supersedes (7-5-51).
- BORUCKI, EDWARD A., JR., Registered Pharmacist in Hospital Pharmacy, in the College of Pharmacy, two months beginning July 1, 1951, \$290 a month (6-8-51).
- BOURGIN, DAVID G., Professor of Mathematics, in the Graduate College, three months beginning June 1, 1951, \$2667 (this is in addition to his present appointment) (6-8-51).
- BRAGDON, DOUGLAS E., Research Associate (Consultant) in Physics (C), June 15-August 31, 1951, \$613.33 a month (7-5-51).
- BROPHY, EDMOND M., Assistant Medical Officer in the Health Service, on one-half time, two months beginning July 1, 1951, \$250 a month (6-20-51).
- BROWN, GLEAH D., To give instruction in Humanities, in the Undergraduate Division in Chicago, in the Summer Session of 1951, eight weeks beginning June 25, 1951, \$1000 for the period, supersedes (7-12-51).
- BRUBAKER, ROBERT, Research Assistant in Speech, in the Graduate College, two months beginning July 1, 1951, \$244.50 a month, supersedes (6-18-51).
- BRUECKNER, KEITH A., Research Associate (Consultant) in Physics (C), June 12-August 31, 1951, \$550 a month (7-5-51).
- BURSTONE, MARVIN S., Assistant Professor of Oral Pathology, in the College of Dentistry, two months beginning July 1, 1951, \$416.67 a month (6-20-51).
- BUTLER, LEWIS C., To give instruction in Mathematics in the Summer Session of 1951, June 22-August 18, 1951, \$534 for the period (7-3-51).
- BUTT, BYRON G., Research Assistant in Dental Radiology, in the College of Dentistry, one year beginning June 18, 1951, \$3600 (6-8-51).
- BYAM, JOAN E., To give instruction in Humanities, in the Undergraduate Division in Chicago, on five-sixths time, in the Summer Session of 1951, eight weeks beginning June 25, 1951, \$704 for the period, supersedes (7-12-51).
- CARLSON, ARTHUR J., Research Assistant in Civil Engineering (S), one year beginning June 16, 1951, \$3600, supersedes (6-8-51).
- CERRY, SHELDON, Research Assistant in Civil Engineering (S), one year beginning June 16, 1951, \$3900, supersedes (6-8-51).
- CLUTTERHAM, DAVID R., Graduate Research Assistant, Electronic Digital Computer, in the Graduate College, June 16-August 31, 1951, \$266.66 a month, supersedes (6-18-51).
- COHEN, LEROY M., Special Research Assistant in the Small Homes Council, one year beginning July 1, 1951, \$4200 (7-5-51).
- COHN, MARIUS, Research Associate in Physics (C), June 19-August 31, 1951, \$575 a month (7-5-51).

- COLE, DOROTHY E. L., Assistant Teacher in the Nursery School, in the Division of Special Services for War Veterans, academic year beginning September 1, 1951, \$3000 (6-29-51).
- COLE, ROBERT H., Research Associate in the Bureau of Economic and Business Research, two months beginning June 25, 1951, \$977.76 (6-28-51).
- CONLEE, MRS. ARAHBELL, Temporary Head Resident of Busey Hall, two months beginning June 20, 1951, \$190 a month; for the convenience of the University she will also be furnished with room and board valued at \$31 a month, while the dining halls are in operation, supersedes (6-8-51).
- COOK, RALPH L., Professor of Ceramic Engineering (S), June 16-July 31, 1951, \$500 (this is in addition to his present appointment) (7-5-51).
- COX, HUGH L., Research Assistant in Civil Engineering (S), one year beginning June 16, 1951, \$3900, supersedes (6-18-51).
- DANCOFF, SIDNEY M., Research Professor of Physics (C), on indefinite tenure, June 16-August 31, 1951, \$1205.55 a month (this is in addition to his present appointment) (7-5-51).
- DANNER, ELLIS, Associate Professor of Civil Engineering, on one-half time, three months beginning June 11, 1951, \$333.33 a month (this is in addition to his present appointment) (6-20-51).
- DAVIS, MARTIN D., Research Associate in Physics (C), June 16-August 31, 1951, \$600 a month (this is in addition to his present appointment) (7-5-51).
- DE LUCIA, J. J., To give instruction in Psychology in the Summer Session of 1951, on one-half time, June 22-August 18, 1951, \$400 for the period (7-3-51).
- DEMARS, ROBERT I., Research Assistant in Bacteriology, in the Graduate College, two months beginning July 1, 1951, \$250 a month (6-18-51).
- DICKEY, ROBERT I., To give instruction in the Department of Business Organization and Operation in the Summer Session of 1951, June 22-August 18, 1951, \$1367 for the period, supersedes (6-25-51).
- DICKINSON, DONALD C., Circulation Assistant in the Library, three months beginning June 1, 1951, \$258.33 a month, supersedes (6-18-51).
- DOUGHERTY, DORA J., Research Assistant in Psychology, in the Graduate College, July 1, 1951-August 31, 1952, \$4600 a year (6-15-51).
- DRYSDALE, JOHN J., Research Assistant in Chemistry, in the Graduate College, June 15-August 31, 1951, \$275 a month (7-5-51).
- DUNN, DOROTHY F., Instructor in Hygiene, in the Health Service, one year beginning September 1, 1951, to render service during the academic year, \$3600 (6-18-51).
- DYE, WILLIAM S., JR., Clinical Instructor in Surgery, in the College of Medicine, on one-half time, one year beginning July 1, 1951, \$2400 (6-20-51).
- EISNER, ROBERT, Research Assistant Professor in the Bureau of Economic and Business Research, June 16-August 15, 1951, \$1000 (this is in addition to his present appointment) (7-7-51).
- EISNER, ROBERT, Assistant Professor of Economics, and Research Assistant Professor in the Bureau of Economic and Business Research, nine months beginning September 1, 1951, \$5500 (7-7-51).
- ESHELBY, JOHN D., Research Associate in Physics (C), ten months beginning September 1, 1951, \$400 a month (6-18-51).
- EXLINE, RALPH V., To give instruction in Education in the Summer Session of 1951, on one-half time, June 22-August 18, 1951, \$500 for the period (6-25-51).
- FIELDER, GORDON W., JR., Instructor in Education, on one-half time, three months beginning June 1, 1951, \$222.22 a month (this is in addition to his present appointment) (6-20-51).
- FISHER, HUBERT L., Exchange Assistant in the Library, June 11-August 31, 1951, \$258.33 a month (6-18-51).
- FLINT, DOROTHY J., Research Assistant in Psychology, in the Graduate College, one year beginning September 1, 1951, \$3200 (7-11-51).
- FRANK, EVELYN, To give instruction in Mathematics, in the Undergraduate Division in Chicago, on five-sixths time, in the Summer Session of 1951, eight weeks beginning June 25, 1951, \$1056 for the period (7-12-51).
- FUCHS, JACOB, Research Assistant in Chemistry, in the Graduate College, one year beginning June 16, 1951, \$4800 (7-16-51).

- GAY, GRETA P., Research Associate in Education, in the Graduate College, on one-half time, June 28-August 10, 1951, \$500 (6-28-51).
- GELL-MANN, MURRAY, Research Associate (Consultant) in Physics (C), June 15-August 31, 1951, \$525 a month (7-5-51).
- GETTMANN, ROYAL A., To give instruction in English in the Summer Session of 1951, June 22-August 18, 1951, \$1556 for the period (7-3-51).
- GILLIES, DONALD B., Graduate Assistant, Electronic Digital Computer, in the Graduate College, June 16-August 31, 1951, \$266.66 a month, supersedes (6-18-51).
- GINSTROM, ROY A., Instructor in Art, academic year beginning September 1, 1951, \$3000 (6-29-51).
- GNAEDINGER, ROBERT J., Research Associate in Physics (C), one year beginning September 1, 1951, \$4800 (6-18-51).
- GOODRICH, MARJORIE E., Research Assistant in English, in the Graduate College, July 9-August 31, 1951, \$400 (7-12-51).
- GROSSMAN, MORTON I., Professor of Clinical Science, in the College of Medicine, on indefinite tenure beginning May 1, 1951, \$7330 a year, supersedes (6-13-51).
- GUTOWSKY, HERBERT S., Instructor in Chemistry, in the Graduate College, June 16-August 31, 1951, \$1222.25 (this is in addition to his present appointment) (7-11-51).
- GUY, GEORGE V., To give instruction in Education in the Summer Session of 1951, on one-half time, June 22-August 18, 1951, \$334 for the period (7-3-51).
- HAGER, LOWELL P., Research Assistant in Bacteriology, in the Graduate College, two months beginning July 16, 1951, \$250 a month, supersedes (6-18-51).
- HARMS, ALFRED G., Assistant in Agricultural Economics (S), three months beginning June 1, 1951, \$346.67 a month, supersedes (6-20-51).
- HARRIS, LEONARD A., Research Assistant in Civil Engineering (S), one year beginning June 16, 1951, \$3600, supersedes (6-8-51).
- HARVEY, ORVILLE M., Adjutant of the Armed Forces, three months beginning June 1, 1951, \$600 a year (this is in addition to compensation from the United States Government) (6-20-51).
- HASLER, SCOTT G., Research Assistant in Psychology, in the Graduate College, June 1, 1951-August 31, 1952, \$4600 a year (6-20-51).
- HIERONYMUS, THOMAS A., To give instruction in Agricultural Economics in the Summer Session of 1951, June 22-August 18, 1951, \$525 for the period (6-25-51).
- HORN, HARRY W., To give instruction in Electrical Engineering in the Summer Session of 1951, June 22-August 18, 1951, \$1177 for the period (7-3-51).
- HORNBERGER, CARL S., Research Associate in Bacteriology, in the Graduate College, one year beginning June 16, 1951, \$4500 (6-20-51).
- HOROWITZ, JOAN, Research Assistant in Psychology, in the Graduate College, one year beginning July 1, 1951, \$3440 (6-21-51).
- HOWE, KENNETH E., To give instruction in Education in the Summer Session of 1951, June 22-August 18, 1951, \$1500 for the period, supersedes (6-25-51).
- HRUBY, DOROTHY T., Assistant in Occupational Therapy, in the College of Medicine, August 1, 1951-August 31, 1952, \$3300 a year (7-11-51).
- HULSIZER, ROBERT I., Research Assistant Professor of Physics (C), three months beginning February 1, 1951, \$760 a month, supersedes (6-8-51).
- HULSIZER, ROBERT I., Research Assistant Professor of Physics (C), four months beginning May 1, 1951, \$783.33 a month (6-16-51).
- HUNTINGTON, HILLARD B., Research Associate (Consultant) in Physics (C), June 22-August 31, 1951, \$760 a month (7-5-51).
- HUSBANDS, KENNETH L., To give instruction in Education in the Summer Session of 1951, on one-fourth time, June 22-August 18, 1951, \$223 for the period (7-3-51).
- JANNEY, IRWIN W., Research Associate in Physics (C), three months beginning June 1, 1951, \$450 a month, supersedes (7-5-51).
- JENTSCHKE, WILLIBALD K., Research Assistant Professor of Physics (C), one year beginning September 1, 1951, \$8000 (6-25-51).
- JEWETT, ANN ELIZABETH, Instructor in Education, in the College of Education, on three-fourths time, and in Physical Education for Women, on one-fourth time, academic year beginning September 1, 1951, \$4500 (7-6-51).

- JOHNSON, BEATRICE E., Research Assistant in Psychology, in the Graduate College, July 1, 1951-August 31, 1952, \$4500 a year (6-15-51).
- JOHNSON, ERIC H., Instructor in the Bureau of Research and Service, on one-half time, three months beginning June 1, 1951, \$222.22 a month (this is in addition to his present appointment) (6-20-51).
- JONES, GLADYS L., To give instruction in Education in the Summer Session of 1951, on one-fourth time, June 22-August 18, 1951, \$223 for the period (7-3-51).
- KILEY, JEANNE A., To give instruction in Physical Sciences, in the Undergraduate Division in Chicago, in the Summer Session of 1951, eight weeks beginning June 25, 1951, \$712 for the period, supersedes (7-12-51).
- KLAUMANN, DORIS C., Assistant in Occupational Therapy, in the College of Medicine, July 15, 1951-August 31, 1952, \$3400 a year (7-11-51).
- KORST, HELMUT H., To give instruction in Mechanical Engineering in the Summer Session of 1951, on one-half time, June 22-August 18, 1951, \$556 for the period, supersedes (6-25-51).
- KOVALY, JOHN J., Research Associate in Physics (C), June 16-August 31, 1951, \$400 a month (7-5-51).
- KRISTUFEK, CHARLES J., Assistant in Physical Education for Men, in the Undergraduate Division in Chicago, nine months beginning September 16, 1951, \$3000; in addition to \$250 paid from Student Athletic Activity Fund (7-9-51).
- KRUGER, P. GERALD, Research Professor of Physics (C), on indefinite tenure, three months beginning February 1, 1951, \$1520 a month, supersedes (6-8-51).
- KRUGER, P. GERALD, Research Professor of Physics (C), on indefinite tenure, four months beginning May 1, 1951, \$1416.67 a month (6-16-51).
- LANNI, FRANK, Research Associate in Bacteriology, in the Graduate College, one year beginning September 1, 1951, \$6000 (7-6-51).
- LARIVIERE, ROSE, To give instruction in Mathematics, in the Undergraduate Division in Chicago, in the Summer Session of 1951, eight weeks beginning June 25, 1951, \$889 for the period, supersedes (7-12-51).
- LAVATELLI, LEO S., Assistant Professor of Physics (C), on one-half time, six months beginning March 1, 1951, \$208.33 a month, plus \$416.67 for the month of February, and Research Assistant Professor of Physics (C), on one-half time, three months beginning February 1, 1951, \$333.33 a month, supersedes (6-8-51).
- LAVATELLI, LEO S., Research Assistant Professor of Physics (C), on one-half time, May 1-June 15, 1951, \$352.78 a month, and on full time, June 16-August 31, 1951, \$705.55 a month (this is in addition to his previous appointment dated June 26, 1951) (6-16-51).
- LAZARUS, DAVID, Research Associate in Physics (C), three months beginning February 1, 1951, \$613.33 a month, supersedes (6-8-51).
- LAZARUS, DAVID, Research Associate in Physics (C), four months beginning May 1, 1951, \$661.11 a month (6-16-51).
- LEEK, JOHN R., Instructor in Civil Engineering (C), academic year beginning September 1, 1951, \$4000 (7-12-51).
- LENNOX, EDWIN S., Research Associate (Consultant) in Physics (C), June 15-August 31, 1951, \$674.67 a month (7-5-51).
- LESUEUR, MRS. BETTY J., To give instruction in the Department of Speech in the Summer Session of 1951, June 22-August 18, 1951, \$534 for the period (7-3-51).
- LEWY, CASIMIR, Visiting Associate Professor of Philosophy, in the Graduate College, ten months beginning September 1, 1951, \$7000 (7-11-51).
- LYMAN, ERNEST M., Research Associate Professor of Physics (C), on indefinite tenure, three months beginning February 1, 1951, \$1066.67 a month, supersedes (7-8-51).
- LYMAN, ERNEST M., Research Associate Professor of Physics (C), on indefinite tenure, four months beginning May 1, 1951, \$1038.88 a month (6-16-51).
- MARSHALL, HELEN R., Instructor in Child Development and Family Relations, in the Department of Home Economics (E), July 1, 1951-August 31, 1952, \$400 a month (6-29-51).
- MART, MRS. DOROTHY J., Assistant in Physical Education for Women, in the Undergraduate Division in Chicago, nine months beginning September 16, 1951, \$3000 (7-6-51).

- MASSARD, JAMES M., Research Assistant in Civil Engineering (S), one year beginning June 16, 1951, \$3600, supersedes (6-8-51).
- McAVOY, WILLIAM C., Assistant in English, in the Graduate College, June 21-August 19, 1951, \$560 (7-5-51).
- McCLEARY, GORDON L., Assistant Editor, with the rank of Instructor, in the College of Veterinary Medicine, one year beginning September 1, 1951, \$3750 (6-8-51).
- McCLURE, ROBERT E., Research Assistant in Chemistry, in the Graduate College, two months beginning June 16, 1951, \$533.34, supersedes (7-11-51).
- McCONNELL, JOSEPH L., To give instruction in Economics in the Summer Session of 1951, on one-half time, June 22-August 18, 1951, \$645 for the period (6-25-51).
- McGUIRE, BLANCHE B., To give instruction in Humanities, in the Undergraduate Division in Chicago, in the Summer Session of 1951, eight weeks beginning June 25, 1951, \$912 for the period, supersedes (7-12-51).
- McLACHLAN, NORMAN W., Visiting Professor of Electrical Engineering (C), one year beginning September 1, 1951, to render service during the academic year, \$8000 (6-8-51).
- McLAUGHLIN, CHARLES A., Scientific Artist in Zoology, nine months beginning September 16, 1951, \$3000 (7-7-51).
- MEHL, BERNARD, To give instruction in Education in the Summer Session of 1951, on one-half time, June 22-August 18, 1951, \$334 for the period (7-3-51).
- METHVIN, DORIS, Commerce and Sociology Library Assistant, in the Library, September 10, 1951-August 31, 1952, \$275 a month (7-6-51).
- MEUNIER, JUANITA M., Assistant in Physical Education for Women, in the Undergraduate Division in Chicago, nine months beginning September 16, 1951, \$3000 (7-11-51).
- MOORE, ASBURY C., JR., Assistant in Physical Education for Men, three months beginning June 16, 1951, \$355.55 a month (6-20-51).
- MOORE, MARY F., To give instruction in Education in the Summer Session of 1951, July 2-August 10, 1951, \$900 for the period (6-25-51).
- NALBANDOV, MRS. OLGA G., Research Associate in Physics (C), on seven-tenths time, three months beginning June 1, 1951, \$300 a month (this is in addition to her present appointment) (7-5-51).
- NASH, CLEVE C., To give instruction in Electrical Engineering in the Summer Session of 1951, on one-half time, June 22-August 18, 1951, \$578 for the period (7-3-51).
- OSBORNE, JAMES W., Research Associate in Physics (C), three months beginning June 1, 1951, \$300 a month, supersedes (7-5-51).
- OVADIA, JEHUDA, Instructor in Radiology, in the College of Medicine, July 1, 1951-August 31, 1952, \$5600 (7-12-51).
- PADEN, DONALD W., To give instruction in Economics in the Summer Session of 1951, on one-half time, June 22-August 18, 1951, \$634 for the period (6-25-51).
- PAYNE, THOMAS A., Research Assistant in Psychology, in the Graduate College, July 1, 1951-August 31, 1952, \$4200 a year (6-15-51).
- PETERSEN, ANTHON J., Research Associate in Physics (C), June 13-August 31, 1951, \$400 a month (7-5-51).
- PHENEY, GAIL, Research Assistant in Psychology, in the Graduate College, one year beginning July 1, 1951, \$3840 (6-20-51).
- PITTENDRIGH, COLIN S., Research Associate (Consultant) in Physics (C), three months beginning June 1, 1951, \$733.33 a month (7-5-51).
- POLLOCK, GEORGE, Instructor in Psychiatry, in the College of Medicine, on four-fifths time, May 15-August 31, 1951, \$375 a month (6-8-51).
- PRAY, BARBARA V., Research Assistant in Bacteriology, in the Graduate College, two months beginning July 16, 1951, \$250 a month, supersedes (6-18-51).
- PROTHE, WILBERT C., Research Associate in Physics (C), June 16-August 31, 1951, \$400 a month (7-5-51).
- QUASTLER, HENRY, Research Associate Professor on indefinite tenure; to be paid at rate of \$62.50 a month, on one-tenth time in Physiology, six months beginning March 1, 1951, plus \$625 for the month of February, and to be paid at rate of \$900 a month, on nine-tenths time, in the Department of Physics (C), three months beginning February 1, 1951, supersedes (6-8-51).

- QUASTLER, HENRY, Research Associate Professor of Physics (C), on indefinite tenure, on nine-tenths time, May 1-June 15, 1951, \$885 a month, and on full time, June 16-August 31, 1951, \$983.33 a month (this is in addition to his previous appointment dated June 26, 1951) (6-16-51).
- RAE, ARNE, Professor of Journalism and Communications, on one-half time, on indefinite tenure, to render service during the academic year, and Assistant to the Director of the School of Journalism and Communications, on one-half time, March 1-August 31, 1951, at an annual salary of \$6667 (he will be paid \$3667 for the period March 1-August 31, 1951) (6-16-51).
- RAY, B. ROGER, Research Assistant Professor of Chemistry, in the Graduate College, one month beginning June 15, 1951, and August 15-September 1, 1951, \$795 (this is in addition to his present appointment) (7-11-51).
- RENFROW, O. W., Instructor in Education, on one-half time, one year beginning September 1, 1951, to render service during the academic year, \$2000 (6-20-51).
- RHODES, FRANK H. T., To give instruction in Geology in the Summer Session of 1951, July 1-August 18, 1951, \$800 for the period (7-3-51).
- RIDER, RICHARD L., Manager of the NAEB Tape Network, in the Division of Communications, one year beginning June 1, 1951, \$6000 (7-11-51).
- RIFFEY, MRS. MADELINE S., Reference Librarian in the Undergraduate Library, with the rank of Instructor, one year beginning September 1, 1951, \$3950 (7-7-51).
- ROACH, MRS. CAROL, To give instruction in the Department of Speech in the Summer Session of 1951, June 22-August 18, 1951, \$624 for the period (7-3-51).
- ROBERTS, PAUL C., To give instruction in the Department of Business Organization and Operation in the Summer Session of 1951, June 22-August 18, 1951, \$1223 for the period, supersedes (7-3-51).
- ROORDA, ANNA R., Catalog Assistant in the Library, two months beginning July 1, 1951, \$268.75 a month (6-20-51).
- ROSCOE, STANLEY N., Research Associate in Psychology, in the Graduate College, July 1, 1951-August 31, 1952, \$6500 a year (6-15-51).
- ROTH, ROBERT S., Research Associate in Petrography (S), six months beginning July 1, 1951, \$350 a month (6-20-51).
- ROWAN, THOMAS C., Research Assistant in Psychology, in the Graduate College, one year beginning July 1, 1951, \$3440 (6-20-51).
- RUDMAN, HERBERT C., Instructor in Education, on one-half time, academic year beginning September 1, 1951, \$2000 (6-29-51).
- RUSSELL, MORELL B., Professor of Agronomy and Head of the Department (C) and (S), on indefinite tenure beginning September 1, 1951, \$10,750 a year (6-13-51).
- SACKHEIM, GEORGE I., To give instruction in Physical Sciences, in the Undergraduate Division in Chicago, in the Summer Session of 1951, eight weeks beginning June 25, 1951, \$756 for the period, supersedes (7-12-51).
- SARTAIN, EVERETT L., Research Assistant in Mechanical Engineering (C), June 25-August 31, 1951, \$275 a month (7-5-51).
- SCHAEFER, RUTH L., Education, Philosophy, and Psychology Library Assistant, in the Library, June 19-August 31, 1951, \$291.67 a month, supersedes (6-18-51).
- SCOTTON, DONALD W., Research Assistant in the Bureau of Economic and Business Research, two months beginning July 1, 1951, \$622.22 (6-28-51).
- SCOUFFAS, GEORGE, Assistant Professor of English, two years beginning September 1, 1951, to render service during each academic year, \$4000 a year (6-29-51).
- SEITZ, FREDERICK, Research Professor of Physics (C), on indefinite tenure, three months beginning February 1, 1951, \$1405.56 a month, supersedes (6-8-51).
- SEITZ, FREDERICK, Research Professor of Physics (C), on indefinite tenure, four months beginning May 1, 1951, \$1277.78 a month (6-16-51).
- SHEEK, MARTHA R., Research Assistant in Bacteriology, in the Graduate College, one year beginning July 1, 1951, \$3360 (6-20-51).
- SHERWIN, CHALMERS W., Research Associate Professor of Physics (C), on indefinite tenure, three months beginning February 1, 1951, \$1040 a month, supersedes (6-8-51).

- SHERWIN, CHALMERS W., Research Associate Professor of Physics (C), on indefinite tenure, four months beginning May 1, 1951, \$1016.67 a month (6-16-51).
- SIEGEL, FREDRICK P., Assistant in Chemistry, in the College of Pharmacy, ten months beginning September 1, 1951, \$2800 (7-11-51).
- SMITH, BUFORD, To give instruction in Electrical Engineering in the Summer Session of 1951, June 22-August 18, 1951, \$845 for the period (7-3-51).
- SOBOROFF, BURTON J., Assistant Professor of Otolaryngology, in the College of Medicine, on one-half time, two months beginning July 1, 1951, \$250 a month, supersedes (6-20-51).
- SOWARDS, G. W., Instructor in Education, one year beginning September 1, 1951, to render service during the academic year, \$4500 (6-20-51).
- SPROULL, ROBERT L., Research Associate (Consultant) in Physics (C), June 18-August 31, 1951, \$800 a month (7-5-51).
- STANEK, FLOYD J., To give instruction in Theoretical and Applied Mechanics in the Summer Session of 1951, June 22-August 18, 1951, \$733 for the period (6-25-51).
- STANFIELD, CHRISTINE, Catalog Assistant in the Library, one year beginning September 1, 1951, \$3225 (7-6-51).
- STERN, HARRIET R., Assistant in Entomology, in the Graduate College, June 16-August 31, 1951, \$266.67 a month (7-5-51).
- STEWART, ROGER G., Research Associate in Psychology, in the Graduate College, one year beginning July 1, 1951, \$5000 (6-20-51).
- STRAUB, HAROLD E., Research Associate in Mechanical Engineering (S), eleven months beginning June 16, 1951, \$308.33 a month (6-18-51).
- STREISINGER, GEORGE, Research Assistant in Bacteriology, in the Graduate College, two months beginning July 1, 1951, \$250 a month (7-11-51).
- SULLIVAN, PATRICIA J., Acquisition Assistant in the Library, August 1, 1951-August 31, 1952, \$3225 a year (7-6-51).
- SUNDIN, HJALMAR ST. PIERRE, To give instruction in Civil Engineering in the Summer Session of 1951, on one-half time, June 22-August 18, 1951, \$423 for the period (7-3-51).
- SWART, KOENRAAD W., Visiting Lecturer in History, with the rank of Assistant Professor, ten months beginning September 1, 1951, \$5270 (7-6-51).
- SWITZER, JOHN L., Clinical Assistant in Medicine, in the College of Medicine, six months beginning April 1, 1951, without salary (6-18-51).
- TAUB, ABRAHAM H., Research Professor on indefinite tenure; to be paid at rate of \$263.89 a month, on one-third time, in the Graduate College, six months beginning March 1, 1951, plus \$791.67 for the month of February, and to be paid at rate of \$844.44 a month, on two-thirds time, in the Department of Physics (C), three months beginning February 1, 1951, supersedes (6-8-51).
- TAUB, ABRAHAM H., Research Professor of Physics (C), on indefinite tenure, on two-thirds time, May 1-June 15, 1951, \$803.70 a month, and on full time June 16-August 31, 1951, \$1205.55 a month (this is in addition to his previous appointment dated June 26, 1951) (6-16-51).
- TAYLOR, MRS. MARGARET ANNETTE M., Undergraduate Library Assistant in the Library, June 5-August 31, 1951, \$250 a month, supersedes (6-8-51).
- TOMIZUKA, CARL T., Research Assistant in Physics (C), June 16-August 31, 1951, \$270 a month (6-18-51).
- TRIGG, GEORGE L., Research Associate (Consultant) in Physics (C), June 19-August 31, 1951, \$525 a month (7-5-51).
- VARNEY, ROBERT N., Research Associate (Consultant) in Physics (C), June 15-August 31, 1951, \$933.33 a month (7-5-51).
- VERNIER, VERNON G., Instructor in Pharmacology, in the College of Medicine, three months beginning June 1, 1951, \$350 a month, supersedes (6-18-51).
- WAKELAND, HOWARD L., Research Assistant in Agricultural Engineering (S), June 1, 1951-August 31, 1952, \$4000 a year (6-8-51).
- WASSERMAN, PHYLLIS R., Registered Pharmacist in Hospital Pharmacy, in the College of Pharmacy, two months beginning July 1, 1951, \$290 a month (6-8-51).

- WAX, NELSON, Research Associate Professor on indefinite tenure; to be paid at rate of \$155.55 a month, on one-third time, in Electrical Engineering, six months beginning March 1, 1951, plus \$466.67 for the month of February, and to be paid at rate of \$497.77 a month, on two-thirds time, in the Department of Physics (C), three months beginning February 1, 1951, supercedes (6-8-51).
- WAX, NELSON, Research Associate Professor of Physics (C), on indefinite tenure, on two-thirds time, May 1-June 15, 1951, \$154.82 a month, and on full time, June 16-August 31, 1951, \$772.22 a month (this is in addition to his previous appointment dated June 26, 1951) (6-16-51).
- WEIMER, FRANK C., Research Associate (Consultant) in Physics (C), June 15-August 31, 1951, \$689.60 a month (7-5-51).
- WENIG, PHILLIP W., Research Assistant in Psychology, in the Graduate College, one year beginning July 1, 1951, \$3440 (6-20-51).
- WILLIAMS, GRACE E., House Director of the Alpha House, ten months beginning September 1, 1951, \$1280 (for the convenience of the University, she will also be provided housing valued at \$10 a month, and three meals daily while dining halls are in operation valued at \$21 a month) (6-29-51).
- WINANS, MRS. MARJORIE D., Research Assistant in Medicine, in the College of Medicine, June 18, 1951-June 30, 1952, \$3000 a year (7-11-51).
- WOODSON, JENNINGS B., To give instruction in Journalism in the Summer Session of 1951, on three-fourths time, June 22-August 18, 1951, \$654 for the period (7-3-51).
- WULFF, VERNER J., Research Associate in Physics (C), June 16-August 31, 1951, \$600 a month (this is in addition to his present appointment) (7-5-51).
- YANKWICH, PETER E., Assistant Professor of Chemistry, in the Graduate College, three months beginning June 16, 1951, \$566.66 a month (this is in addition to his present appointment) (6-20-51).
- ZISKA, GEORGE W., Research Assistant in Botany, in the Graduate College, three months beginning June 16, 1951, \$266.66 a month (6-18-51).

FELLOWS

(The following appointments were made by the President of the University.)

- BATES, FREDERICK R., 1951 Grunsfeld European Traveling Fellow.
- DEAN, JULIETTE, Mary C. McLellan Scholarship for 1951-1952.
- FREED, PAUL W., Kate Neal Kinley Memorial Fellowship for 1951-1952.
- HARRIS, CHARLES W., Edward L. Ryerson Traveling Fellowship for 1951-1952.
- OVRESAT, RAYMOND C., 1951 Edward L. Ryerson Traveling Fellow in Architecture.

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- BEARDSLEY, DANIEL W., Ralston Purina Company Fellow in Animal Nutrition, one year beginning July 1, 1951, \$1560 (7-2-51).
- BIBLE, ROY H., JR., National Academy of Sciences Fellow in Chemistry, two months beginning June 16, 1951, \$200 (6-21-51).
- BINNING, ROBERT C., Henry J. Strong Fellow in Civil Engineering, nine months beginning September 16, 1951, \$700, supercedes (6-19-51).
- BROOKS, STEWART M., Fellow in Pharmacology, one year beginning September 1, 1951, \$1500 (6-13-51).
- COHEN, HYMAN L., Research Fellow in Pharmacology, in the College of Medicine, three months beginning July 1, 1951, \$150 a month (7-12-51).
- DAVISSON, EDWIN O., G. D. Searle and Company Fellow in Chemistry, one year beginning June 16, 1951, \$1980 (6-11-51).
- DYER, JOHN R., Abbott Fellow in Chemistry, June 15-August 31, 1951, \$312.50, and for one year beginning September 1, 1951, \$1500 (6-11-51).
- FOLKERTS, THOMAS M., E. R. Squibb and Sons Fellow in Bacteriology, June 16-August 31, 1951, \$333.33 (6-11-51).
- FOX, RICHARD C., Sinclair Oil Refining Company Fellow in Chemistry, for the academic year 1951-1952, \$1500 (5-31-51).
- FRIEDBERG, ARTHUR L., Fellow in Ceramic Engineering, July 1-August 16, 1951, \$225 (6-26-51).

- GHER, RALPH, Victor Chemical Company Fellow in Chemistry, two months beginning June 16, 1951, \$350 (6-11-51).
- GIBSON, DAVID M., American Cancer Society Fellow in Biochemistry, one year beginning July 1, 1951, \$3000 (7-11-51).
- HUDGENS, CLAUDE R., Armour and Company Postdoctoral Fellow in Chemistry, one year beginning July 1, 1951, \$4800 (6-11-51).
- LEE, LAWRENCE D., Research Fellow in Pharmacology, in the College of Medicine, June 15-September 30, 1951, \$150 (7-11-51).
- MARSHALL, WILLIAM H., Research Fellow in Pharmacology, in the College of Medicine, three months beginning July 1, 1951, \$150 (7-12-51).
- MARTIN, WILLIAM R., Research Fellow in Pharmacology, in the College of Medicine, three months beginning July 1, 1951, \$150 (7-12-51).
- MILLER, ROBERT G., Research Fellow in Pharmacology, in the College of Medicine, three months beginning July 1, 1951, \$150 (7-12-51).
- MOHAMMED, CLIVE IMRAN, Fellow in Histology, one year beginning July 1, 1951, \$1800 (6-13-51).
- NAUERT, CHARLES G., Lawrence M. Larson Scholar in History, \$225 to be paid in one lump sum on June 15, 1951 (5-12-51).
- OTTWEIN, MERRILL W. G., Wright Fellow in Animal Science, nine months beginning September 16, 1951, \$700 (7-5-51).
- PACHTMAN, ELLIOTT A., Research Fellow in Bacteriology, in the College of Medicine, one year beginning July 1, 1951, \$1800 (7-11-51).
- PRINTY, GLENN E., Swift and Company Fellow in Entomology, one year beginning July 1, 1951, \$1500 (6-28-51).
- REILLY, RICHARD W., Research Fellow in Pharmacology, in the College of Medicine, three months beginning July 1, 1951, \$150 a month (7-12-51).
- SCOTT, EARLE S., Western Cartridge Company Fellow in Chemistry, two months beginning June 16, 1951, \$350 (6-11-51).
- TAYLOR, BABETTE, Swift and Company Fellow in Bacteriology, one year beginning July 1, 1951, \$3600 (6-11-51).
- TRACHTENBERG, LEE H., Research Fellow in Pharmacology, in the College of Medicine, three months beginning July 1, 1951, \$150 a month (7-12-51).
- VALLEJO-PRADEL, ELSA V., Fellow in Bacteriology, one year beginning September 1, 1951, \$1500 (6-13-51).
- WHITFIELD, GEORGE, Abbott Fellow in Chemistry, two months beginning July 1, 1951, \$250 (7-11-51).
- WICK, ROBERT S., Standard Oil Company of Indiana Fellow in Mechanical Engineering, seven months beginning July 1, 1951, \$1050 (7-11-51).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- BARBRE, MRS. MARIE S., House Director of the Alpha House—resignation effective 6-30-51.
- BENDER, RUTH, Research Assistant in Labor and Industrial Relations—resignation effective 7-28-51.
- BERGMANN, RALPH H., Research Associate in Labor and Industrial Relations—resignation effective 7-28-51.
- BICKNELL, FRANK J., Instructor in Pathology, in the College of Medicine—resignation effective 6-30-51.
- BLACKMORE, WILLIAM P., Instructor in Manufacturing Pharmacy, and Manufacturing Pharmacist in Hospital Pharmacy, in the College of Pharmacy—resignation effective 9-1-51.
- BROWN, MURIEL, To give instruction in Education in the Summer Session of 1951, —cancellation effective 6-22-51.
- BUSER, JULIAN W., Instructor in Medicine, in the College of Medicine—resignation effective 6-30-51.
- CAPRON, WILLIAM M., Research Assistant Professor of Economics, in the Department of Economics and in the Bureau of Economic and Business Research—resignation effective 7-31-51.
- CHERNOFF, HERMAN, To give instruction in Mathematics in the Summer Session of 1951—declination effective 6-22-51.
- COLTON, SUSANNA B., Instructor in Home Economics, in the College of Agriculture—resignation effective 9-1-51.

- COREY, E. J., To give instruction in Chemistry in the Summer Session of 1951 — declination effective 6-22-51.
- DETAMBLE, GRACE W., Assistant in Occupational Therapy, in the Department of Physical Medicine and Rehabilitation, in the College of Medicine, and in the Research and Educational Hospitals — resignation effective 7-31-51.
- DONLON, MRS. JEANNE C., Instructor in Occupational Therapy, in the Department of Physical Medicine and Rehabilitation, in the College of Medicine — resignation effective 6-30-51.
- FOX, THELMA B., Instructor and Research Associate in Labor and Industrial Relations — resignation effective 8-12-51.
- GARRISON, EVERETT E., Assistant in Mechanical Engineering, in the College of Engineering — resignation effective 6-16-51.
- GIBSON, DAVID M., Research Assistant in Chemistry, in the Graduate College — resignation effective 7-1-51.
- HAMBRO, VILHELM CATA GRIEG, Fellow in Education — declination effective 9-16-51.
- HARNES, ROBERT B., Instructor in Library Science and Reference Librarian, in the Undergraduate Division in Chicago — resignation effective 7-6-51.
- HERFINDAHL, ORRIS C., To give instruction in Economics in the Summer Session of 1951 — declination effective 6-22-51.
- HERFINDAHL, ORRIS C., Assistant Professor of Economics — resignation effective 8-31-51.
- HINDERLITER, HOBART R., Wright Fellow in Agricultural Education — declination effective 9-16-51.
- HOCHSCHILD, RUTH, Fellow in French, in the Graduate College — resignation effective 9-16-51.
- HODGSON, RUTH, Instructor in Home Economics, in the College of Agriculture — resignation effective 9-1-51.
- HOWARD, J. A., Assistant Professor of Marketing, in the Department of Business Organization and Operation — resignation effective 9-1-51.
- INGHRAM, MRS. FLORENCE B., Assistant Dean of Women — resignation effective 9-1-51.
- JOHNSON, BETTY V., Instructor in Home Economics, in the College of Agriculture — resignation effective 9-1-51.
- JOHNSTON, PAUL E., To give instruction in Agricultural Economics in the Summer Session of 1951 — cancellation effective 6-25-51.
- LANDES, JACK L., Research Assistant in the Bureau of Research and Service — resignation effective 8-1-51.
- LARROWE, BOYD T., Research Assistant, Electronic Digital Computer, in the Graduate College — resignation effective 7-1-51.
- LASSLO, ANDREW, Assistant in Chemistry, in the College of Pharmacy — resignation effective 7-1-51.
- LONG, THELMA F., Instructor in Home Economics, in the College of Agriculture — resignation effective 9-1-51.
- MACK, ROBERT B., Fellow in Civil Engineering — resignation effective 9-16-51.
- MACLEAN, FLORENCE M., Assistant Professor of Occupational Therapy, in the Department of Physical Medicine and Rehabilitation, in the College of Medicine, and Clinical Director of Occupational Therapy, in the Research and Educational Hospitals — resignation effective 9-1-51.
- MCCARTHY, PHILIP R., Circulation Assistant in the Library — resignation effective 6-21-51.
- MIDDLETON, WILLIAM H., Instructor in Ophthalmology, in the College of Medicine — resignation effective 8-1-51.
- MORRISON, HAROLD L., Fellow in Civil Engineering — declination effective 9-16-51.
- MURPHY, KENNETH H., To give instruction in Mathematics, in the Undergraduate Division in Chicago, in the Summer Session of 1951 — declination effective 6-25-51.
- MUTTI, RALPH J., To give instruction in Agricultural Economics in the Summer Session of 1951 — declination effective 6-22-51.
- NAGAI, INEZ, Instructor in Physical Education for Women, in the Undergraduate Division in Chicago — resignation effective 9-1-51.

- PANTER, EDWARD G., Clinical Teaching Assistant in Ophthalmology, in the College of Medicine—resignation effective 7-1-51.
- RHODES, FRANK H. T., Postdoctoral Fellow in Geology—resignation effective 6-30-51.
- ROSE, RUTH J., Assistant in Physical Education for Women, in the Undergraduate Division in Chicago—resignation effective 6-15-51.
- RYBAR, RICHARD F., Fellow in Economics—declination effective 9-16-51.
- SASS, DANIEL B., Fellow in Geology—resignation effective 9-16-51.
- SCHAEVE, MRS. MARJORIE J., Assistant Professor of Library Science, and University High School Librarian—resignation effective 9-1-51.
- SCHAFFNER, JOHANNES S., Research Assistant Professor of Electrical Engineering, in the Engineering Experiment Station—termination effective 7-1-51.
- SCHIECK, WILLIAM H., Professor of Architecture and Director of the Small Homes Council—resignation effective 9-1-51.
- SCHULMAN, SAM, Fellow in Political Science—resignation effective 9-16-51.
- SWANSON, EARL R., Instructor in Agricultural Economics, in the College of Agriculture—resignation effective 9-1-51, and in the Agricultural Experiment Station—resignation effective 6-25-51.
- TAYLOR, BABETTE, Swift and Company Fellow in Bacteriology—resignation effective 7-1-51.
- TELSE, STANLEY E., Clinical Instructor in Medicine, in the College of Medicine—resignation effective 6-5-51.
- TOWNER, JOHN H., Instructor in Physical Education for Men, in the Undergraduate Division in Chicago—resignation effective 9-1-51.
- VAL DEZ, MABEL A., Assistant in Occupational Therapy, in the Department of Physical Medicine and Rehabilitation, in the College of Medicine and in the Research and Educational Hospitals—resignation effective 6-2-51.
- VAN TIL, WILLIAM, Professor of Education—resignation effective September 1, 1951.
- WEIL, RAOUL B., Fellow in Electrical Engineering—declination effective 9-16-51.
- WILLIAMS, DONALD B., Assistant in Agricultural Economics, in the Graduate College—resignation effective 7-1-51.
- WILSON, WILFRID, To give instruction in Mathematics in the Summer Session of 1951—declination effective 6-22-51.

LEAVES OF ABSENCE

- DANGERFIELD, ROYDEN, Professor of Political Science and Director of the Institute of Government and Public Affairs—leave of absence, without salary, June 7-13, 1951, and August 5-27, 1951, for service to the United States Government.
- HERMAN, CHARLES E., Superintendent of the Print Shop, in the University Press—leave of absence, with salary, five months beginning March 1, 1951, on account of illness.
- HOCHSCHILD, GERHARD P., Associate Professor of Mathematics—leave of absence, without salary, academic year beginning September 1, 1951, so that he may accept a position as Visiting Professor at Yale University.
- LARSEN, ROBERT P., Assistant Professor of Psychology and Clinical Counselor in the Student Counseling Bureau—leave of absence, without salary, two months beginning July 1, 1951, on account of illness.
- SNADER, DANIEL W., Professor of Education, in the University Council on Teacher Education, without salary, September 1-December 10, 1951, to serve as consultant for the Institute for Educational Leadership Mission to Japan.
- TURNER, FRED H., Dean of Students—leave of absence, with salary, May 28-September 1, 1951, on account of illness.

On motion of Mr. Johnston, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

APPENDIX

THE UNIVERSITY OF ILLINOIS INTERNAL BUDGET FOR 1951-1952

(Approved by the Board of Trustees July 25, 1951, page 855)

EXPLANATORY NOTES

This budget consists of three divisions:

- I. Summaries of all divisions; Urbana-Champaign divisions and General University Administration—Academic and Administrative Salaries, Wages, Expense, and Equipment.
- II. Chicago Professional Colleges, Division of Services for Crippled Children, and Chicago Undergraduate Division—Academic and Administrative Salaries, Wages, Expense, and Equipment.
- III. Nonacademic Salaries, all divisions.

Appropriations for Salaries are available for the term indicated in each case but not for more than one year from September 1, 1951.

When appointments are made at salary rates less than the amounts provided in the budget, the unused balance is lapsed at that time, resulting in a reduction in the budget.

Funds appropriated for positions in the salary budget which are not yet filled may, pending the appointment of someone to the position, be drawn against by time cards submitted to the Business Office for services of employees temporarily engaged to do the work contemplated by the position. Such temporary charges *may not exceed the amount of time provided* by the position unless indicated herein or otherwise approved by the President.

All unexpended balances remaining in the salary budget lapse at the close of each calendar month unless previously assigned or encumbered. Such lapses do not result in a reduction in the budget.

Departmental appropriations are made under the captions "Salaries," "Wages," and "Expense and Equipment." No transfers may be made between "Salaries" and "Expense and Equipment" except with the approval of the President of the University. Requests for such changes should be submitted through the Comptroller. Adjustments may be requested between "Salaries" and "Wages" or between "Wages" and "Expense and Equipment" upon notice to the Comptroller, stating the reason for such transfer.

Appropriations for expense, equipment, and wages are available for one year beginning July 1, 1951, and ending June 30, 1952. All unexpended balances lapse June 30, 1952. The reappropriation of funds will be considered only in special situations.

All budgets of auxiliary enterprises, cooperative investigations, other trust funds and budgets indicated as "from receipts" are on an estimated basis. Unless otherwise indicated, appropriations are limited to actual income, but any balances or receipts in excess of the estimate are appropriated for the operation of the activity.

The services required for members of the academic and administrative staff are in accordance with "Terms of Employment" adopted by the Board of Trustees on January 8, 1948.

a. For those positions or portion of positions indicated as "Y", services are required for twelve months, with one month for vacation. No additional compensation is allowed for summer services for any salary or portion of salary indicated as "Y".

b. For those positions or portion of positions not indicated as "Y", services are required only during the regular academic year of two semesters (three terms in Chicago Professional Colleges). If teaching is required during the Summer Session, it will be covered by an additional appointment with salary.

The services required for members of the nonacademic staff are for a full year of twelve months, with allowance for vacation, in accordance with civil service regulations.

Tenure Symbols (a number following a tenure symbol indicates percentage of time)

- A — Indefinite tenure, payable in twelve monthly installments.
- B — Two years from September 1, 1951, payable in twelve installments.
- D — One year from September 1, 1951, payable in twelve installments.

E — The academic year 1951-1952, payable in ten installments of which the first and last shall be half installments and the other eight full installments equal to one-ninth of the annual salary.

G — Special tenure as described.

N — In accordance with civil service regulations, effective July 1, 1951, at the annual salary indicated.

P — In accordance with civil service regulations on an hourly basis in accordance with prevailing rate contracts. Amount indicated is estimated annual salary based on normal number of hours.

H — In accordance with civil service regulations on an hourly basis.

Y — When following A, B, D, and G, indicates that services are required throughout the year, except for allowable vacation, without additional compensation.

Perquisite Symbols (for the convenience of the employee unless otherwise indicated)

M — Furnished one meal a day valued at \$8 a month in Chicago and \$7 a month in Urbana.

MM — Furnished two meals a day valued at \$16 a month in Chicago and \$14 a month in Urbana.

R — Furnished room valued at \$16 a month in Chicago; \$10 a month in Urbana Residence Halls; \$7 a month in McKinley Hospital.

RB — Furnished room and board valued at \$40 a month in Chicago and \$31 a month in Urbana Residence Halls; \$28 a month in McKinley Hospital.

U — For the convenience of the University rather than the employee.

COMPARATIVE SUMMARY OF INCOME AND APPROPRIATIONS

	1950-1951 Revised	1951-1952
<i>Estimated Income</i>		
General.....	\$31 320 102	\$34 008 526
Restricted.....	11 862 640	13 979 406
<i>Total, Estimated Income.....</i>	<i>\$43 182 742</i>	<i>\$47 987 932</i>
<i>Allocation of Estimated Income</i>		
Appropriations by Board of Trustees		
From General Income.....	\$31 204 944	\$33 873 741
From Restricted Income.....	11 862 640	13 979 406
<i>Total, Appropriations.....</i>	<i>\$43 067 584</i>	<i>\$47 853 147</i>
<i>Unappropriated Balance from General Income.....</i>	<i>\$ 115 158</i>	<i>\$ 134 785</i>

ESTIMATED INCOME

<i>Educational and General Public Appropriations</i>	<i>General Income</i>	<i>Restricted Income</i>	<i>Total</i>
State (one-half biennial appropriations from tax revenues)			
For Current Operations.....	\$30 045 895	.....	\$30 045 895
For Illinois Neuropsychiatric Institute	.....	\$ 702 850	702 850
For Division of Services for Crippled Children.....	.....	1 767 400	1 767 400
For Institution for Tuberculosis Re- search.....	.....	37 600	37 600
<i>Total, State.....</i>	<i>(30 045 895)</i>	<i>(2 507 850)</i>	<i>(32 553 745)</i>
Federal			
Morrill-Nelson Acts.....	50 000	.....	50 000
Bankhead-Jones Act (Teaching).....	110 131	.....	110 131
Smith-Hughes Act.....	37 500	.....	37 500
Hatch and Adams Acts.....	.....	30 000	30 000
Bankhead-Jones Act (Research).....	.....	99 491	99 491
Purnell Act.....	.....	60 000	60 000
Regional Research Act.....	.....	17 320	17 320
Research and Marketing Act.....	.....	105 197	105 197
Bankhead-Flannagan Act.....	.....	374 948	374 948

ESTIMATED INCOME (CONCLUDED)			
<i>Educational and General</i>	<i>General</i>	<i>Restricted</i>	<i>Total</i>
<i>Federal (concluded)</i>	<i>Income</i>	<i>Income</i>	
Smith-Lever Act (including Bank-head-Jones Extension).....	.....	529 327	529 327
Additional Cooperative Act.....	.....	10 737	10 737
Research and Marketing Extension...	.....	15 120	15 120
Capper-Ketcham Act.....	.....	37 956	37 956
Social Security Act—Services for Crippled Children.....	.....	407 600	407 600
<i>Total, Federal</i>	(197 631)	(1 687 696)	(1 885 327)
<i>Total, Public Appropriations</i>	(30 243 526)	(4 195 546)	(34 439 072)
<i>Student Fees</i> ¹			
Gross.....	3 220 000	.....	3 220 000
Deduct Estimated Refunds.....	75 000	.....	75 000
<i>Net, Student Fees</i>	(3 145 000)	.....	(3 145 000)
<i>Sales and Services of Educational Departments and Miscellaneous Current Income</i>			
Research and Educational Hospitals....	150 000	31 500	181 500
Dentistry.....	75 000	100 000	175 000
Agriculture.....	220 000	243 330	463 330
Physical Plant.....	45 000	.....	45 000
University Press.....	25 000	.....	25 000
All Other.....	105 000	396 760	501 760
<i>Total Sales, Services, and Other Miscellaneous Current Income</i>	(620 000)	(771 590)	(1 391 590)
<i>Endowment and Trust Income for Educational Purposes</i>			
Endowment Income.....	.....	63 625	63 625
U. S. Government Contracts.....	.....	2 668 000	2 668 000
Gifts from Private Sources.....	.....	1 064 250	1 064 250
<i>Total, Endowment and Trust</i>.....	.....	(3 795 875)	(3 795 875)
<i>Total, Educational and General</i>	(34 008 526)	(8 763 011)	(42 771 537)
<i>Auxiliary Enterprises and Activities</i>.....	.....	4 707 275	4 707 275
<i>Student Aid and Other Miscellaneous Income</i>			
Farm Operations and Miscellaneous			
Rentals.....	.....	153 870	153 870
Endowment Income.....	.....	80 250	80 250
Gifts.....	.....	115 000	115 000
Veterans' Books and Supplies.....	.....	160 000	160 000
<i>Total, Student Aid and Other Miscellaneous Income</i>.....	.....	(509 120)	(509 120)
<i>Grand Total, Estimated Income</i>	\$34 008 526	\$13 979 406	\$47 987 932

SUMMARY OF BUDGET APPROPRIATIONS

<i>Educational and General</i>	<i>From</i>	<i>From</i>	<i>Total</i>
<i>Administration and General Expense</i>	<i>General</i>	<i>Restricted</i>	
	<i>Income</i>	<i>Income</i>	
Urbana-Champaign.....	\$2 051 143	\$ 58 480	\$2 109 623
Chicago Professional Colleges.....	433 362	15 500	448 862
Chicago Undergraduate Division.....	358 057	.....	358 057
Security Benefits, All Divisions.....	1 082 539	358 057	1 082 539
<i>Total, Administration and General Expense</i>	(3 925 101)	(73 980)	(3 999 081)

¹ On an accrual basis. Collections of prior years' veterans fees in excess of accounts receivable on June 30, 1952, will be reserved as a resource of the 1952-1953 budget.

<i>Educational and General</i>	<i>From</i>	<i>From</i>	
<i>Instruction and Departmental Research</i>	<i>General</i>	<i>Restricted</i>	<i>Total</i>
<i>Colleges, Schools, and Departments</i>	<i>Income</i>	<i>Income</i>	
Urbana-Champaign.....	10 924 621	10 360	10 934 981
Chicago Professional Colleges.....	2 916 046	123 175	3 039 221
Chicago Undergraduate Division.....	1 322 467	.....	1 322 467
<i>Total, Colleges, Schools, and Departments</i>	(15 163 134)	(133 535)	(15 296 669)
<i>Organized Activities</i>			
Urbana-Champaign.....	117 377	283 735	401 112
Chicago Professional Colleges.....	2 499 570	429 425	2 928 995
<i>Total, Organized Activities</i>	(2 616 947)	(713 160)	(3 330 107)
<i>Total, Instruction and Departmental Research</i>	(17 780 081)	(846 695)	(18 626 776)
<i>Organized Research</i>			
Urbana-Champaign.....	3 116 390	448 673	3 565 063
Chicago Professional Colleges.....	64 250	37 600	101 850
<i>Total, Organized Research</i>	(3 180 640)	(486 273)	(3 666 913)
<i>Extension and Public Service</i>			
Urbana-Champaign.....	1 406 761	1 110 938	2 517 699
Chicago Professional Colleges.....	.....	100 000	100 000
Division of Services for Crippled Children.....	.....	2 175 000	2 175 000
<i>Total, Extension and Public Service</i>	(1 406 761)	(3 385 938)	(4 792 699)
<i>Libraries</i>			
Urbana-Champaign.....	1 141 240	.....	1 141 240
Chicago Professional Colleges.....	72 200	.....	72 200
Chicago Undergraduate Division.....	119 210	.....	119 210
<i>Total, Libraries</i>	(1 332 650)	.....	(1 332 650)
<i>Physical Plant</i>			
Urbana-Champaign.....	3 466 459	.....	3 466 459
Chicago Professional Colleges.....	1 815 787	174 250	1 990 037
Chicago Undergraduate Division.....	802 762	.....	802 762
<i>Total, Physical Plant</i>	(6 085 008)	(174 250)	(6 259 258)
<i>Sub-total, Educational and General from Current Funds</i>	(33 710 241)	(4 967 136)	(38 677 377)
<i>Endowment Income, Gift Funds, and United States Government Contracts for Educational Purposes</i>			
Urbana-Champaign.....	.....	2 981 125	2 981 125
Chicago Professional Colleges.....	.....	808 750	808 750
Chicago Undergraduate Division.....	.....	6 000	6 000
<i>Total, Endowment and Gift Funds for Educational Purposes</i>.....	.....	(3 795 875)	(3 795 875)
<i>Total, Educational and General</i>	(33 710 241)	(8 763 011)	(42 473 252)
<i>Auxiliary Enterprises</i>			
Urbana-Champaign.....	.....	3 951 905	3 951 905
Chicago Professional Colleges.....	.....	214 048	214 048
Chicago Undergraduate Division.....	.....	541 322	541 322
<i>Total, Auxiliary Enterprises</i>.....	.....	(4 707 275)	(4 707 275)
<i>Student Aid and Miscellaneous Operations</i>			
Urbana-Champaign.....	145 500	479 120	624 620
Chicago Professional Colleges.....	18 000	20 000	38 000
Chicago Undergraduate Division.....	.....	10 000	10 000
<i>Total, Student Aid and Miscellaneous Operations</i>	(163 500)	(509 120)	(672 620)
<i>Total Appropriations</i>			
Urbana-Champaign.....	\$23 451 030	\$9 324 336	\$32 775 366
Chicago Professional Colleges.....	7 820 215	1 922 748	9 742 963
Division of Services for Crippled Children.....	.....	2 175 000	2 175 000
Chicago Undergraduate Division.....	2 602 496	557 322	3 159 818
<i>Total</i>	\$33 873 741	\$13 979 406	\$47 853 147

**COMPARATIVE SUMMARY OF BUDGET APPROPRIATIONS
ENTIRE UNIVERSITY**

<i>Educational and General</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration and General Expense			
Urbana-Champaign.....	\$1 555 486	\$ 554 137	\$2 109 623 ¹
Chicago Professional Colleges.....	381 152	67 710	448 862
Chicago Undergraduate Division.....	308 322	49 735	358 057
Security Benefits, All Divisions.....	81 323	1 001 216	1 082 539
<i>Total, Administration and General Expense.....</i>	<i>(2 326 283)</i>	<i>(1 672 798)</i>	<i>(3 999 081)</i>
Instruction and Departmental Research			
Colleges, Schools, and Departments			
Urbana-Champaign.....	9 755 860	1 179 121	10 934 981
Chicago Professional Colleges.....	2 512 918	526 303	3 039 221
Chicago Undergraduate Division.....	1 223 117	99 350	1 322 467
<i>Total, Colleges, Schools, and Depart- ments.....</i>	<i>(13 491 895)</i>	<i>(1 804 774)</i>	<i>(15 296 669)</i>
Organized Activities Relating to Instruc- tion			
Urbana-Champaign.....	170 697	230 415	401 112
Chicago Professional Colleges.....	2 172 162	756 833	2 928 995
<i>Total, Organized Activities.....</i>	<i>(2 342 859)</i>	<i>(987 248)</i>	<i>(3 330 107)</i>
<i>Total, Instruction and Departmental Research.....</i>	<i>(15 834 754)</i>	<i>(2 792 022)</i>	<i>(18 626 776)</i>
Organized Research			
Urbana-Champaign.....	2 766 708	798 355	3 565 063
Chicago Professional Colleges.....	82 120	19 730	101 850
<i>Total, Organized Research.....</i>	<i>(2 848 828)</i>	<i>(818 085)</i>	<i>(3 666 913)</i>
Extension and Public Service			
Urbana-Champaign.....	2 066 217	451 482	2 517 699
Chicago Professional Colleges.....	4 440	95 560	100 000
Division of Services for Crippled Children	477 305	1 697 695	2 175 000
<i>Total, Extension and Public Service..</i>	<i>(2 547 962)</i>	<i>(2 444 737)</i>	<i>(4 792 699)</i>
Libraries			
Urbana-Champaign.....	807 330	333 910	1 141 240
Chicago Professional Colleges.....	48 200	24 000	72 200
Chicago Undergraduate Division.....	81 260	37 950	119 210
<i>Total, Libraries.....</i>	<i>(936 790)</i>	<i>(395 860)</i>	<i>(1 332 650)</i>
Physical Plant			
Urbana-Champaign.....	2 598 016	868 443	3 466 459
Chicago Professional Colleges.....	959 046	1 030 991	1 990 037
Chicago Undergraduate Division.....	496 332	306 430	802 762
<i>Total, Physical Plant.....</i>	<i>(4 053 394)</i>	<i>(2 205 864)</i>	<i>(6 259 258)</i>
<i>Sub-total, Educational and General from Current Funds.....</i>	<i>(28 548 011)</i>	<i>(10 129 366)</i>	<i>(38 677 377)</i>
Endowment Income, Gift Funds, and United States Government Contracts for Educational Purposes			
Urbana-Champaign.....	2 007 355	973 770	2 981 125
Chicago Professional Colleges.....	587 500	221 250	808 750
Chicago Undergraduate Division.....	.....	6 000	6 000
<i>Total, Endowment and Gift Funds for Educational Purposes.....</i>	<i>(2 594 855)</i>	<i>(1 201 020)</i>	<i>(3 795 875)</i>
<i>Total, Educational and General.....</i>	<i>(31 142 866)</i>	<i>(11 330 386)</i>	<i>(42 473 252)</i>
Auxiliary Enterprises			
Urbana-Champaign.....	1 175 489	2 776 416	3 951 905
Chicago Professional Colleges.....	91 694	122 354	214 048
Chicago Undergraduate Division.....	139 667	401 655	541 322
<i>Total, Auxiliary Enterprises.....</i>	<i>(1 406 850)</i>	<i>(3 300 425)</i>	<i>(4 702 275)</i>

¹ Includes University-wide administration.

<i>Student Aid and Miscellaneous Operations</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Urbana-Champaign.....	.....	624 620	624 620
Chicago Professional Colleges.....	.....	38 000	38 000
Chicago Undergraduate Division.....	.....	10 000	10 000
<i>Total, Student Aid and Miscellaneous Operations.....</i>	.....	(672 620)	(672 620)
<i>Total Appropriations</i>			
Urbana-Champaign.....	\$22 983 481	\$9 791 885	\$32 775 366
Chicago Professional Colleges.....	6 840 232	2 902 731	9 742 963
Chicago Undergraduate Division.....	2 248 698	911 120	3 159 818
Division of Services for Crippled Children..	477 305	1 697 695	2 175 000
<i>Total, Appropriations.....</i>	<i>\$32 549 716</i>	<i>\$15 303 431</i>	<i>\$47 853 147¹</i>

¹ Source of funds: General Income, \$33,873,741; Restricted Income, \$13,979,406; total, \$47,853,147.

URBANA-CHAMPAIGN

SUMMARY OF BUDGET APPROPRIATIONS

	From General Income	From Restricted Income	Total
<i>Educational and General</i>			
Administration and General			
General Administrative Offices.....	\$ 944 055	.....	\$ 944 055 ¹
General Student Service.....	604 772	.....	604 772
General University Service.....	502 316	\$58 480	560 796
Security Benefits, All Divisions.....	1 081 539	.....	1 081 539
<i>Total, Administration and General...</i>	(3 132 682)	(58 480)	(3 191 162)
<i>Instruction and Departmental Research</i>			
Colleges, Schools, and Departments			
Liberal Arts and Sciences.....	3 634 799	1 000	3 635 799
Agriculture.....	931 387	.....	931 387
Engineering.....	1 902 695	1 500	1 904 195
Graduate College.....	112 080	.....	112 080
Commerce and Business Administration	715 355	500	715 855
Education.....	646 987	.....	646 987
Fine and Applied Arts.....	888 696	600	889 296
Physical Education.....	339 911	5 560	345 471
Veterinary Medicine.....	271 176	.....	271 176
Law.....	214 640	.....	214 640
Division of Communications.....	223 655	.....	223 655
University Extension.....	27 760	.....	27 760
Summer Session.....	530 740	.....	530 740
Armed Forces.....	46 250	1 200	47 450
Institute of Aviation.....	258 680	.....	258 680
Social Work.....	93 795	.....	93 795
Division of Special Services for War			
Veterans.....	86 015	.....	86 015
<i>Total, Colleges, Schools, and Depart-</i>			
<i>ments.....</i>	(10 924 621)	(10 360)	(10 934 981)
<i>Organized Activities Relating to Instruc-</i>			
<i>tion</i>			
Agriculture.....	.....	112 015	112 015
Education.....	117 377	.....	117 377
Veterinary Clinic.....	.....	44 000	44 000
Airport.....	.....	127 720	127 720
<i>Total, Organized Activities.....</i>	(117 377)	(283 735)	(401 112)
<i>Total, Instruction and Departmental</i>			
<i>Research.....</i>	(11 041 998)	(294 095)	(11 336 093)
<i>Organized Research</i>			
Agriculture.....	1 720 192	443 323	2 163 515
Engineering.....	540 636	5 000	545 636
Graduate College.....	310 033	.....	310 033
Bureau of Economic and Business Re-			
search.....	86 460	.....	86 460
Education—Bureau of Research and			
Service.....	141 885	.....	141 885
Institute of Communications Research...	23 525	.....	23 525
Institute of Government and Public			
Affairs.....	50 690	.....	50 690
Institute of Labor and Industrial Relations	187 079	350	187 429
Small Homes Council.....	55 890	.....	55 890
<i>Total, Organized Research.....</i>	(3 116 390)	(448 673)	(3 565 063)

¹ Includes University-wide administration.

	<i>From General Income</i>	<i>From Restricted Income</i>	<i>Total</i>
<i>Educational and General</i>			
Extension and Public Service			
Agriculture.....	761 089	968 088	1 729 177
Business Management Service.....	57 960	3 500	61 460
Education.....	35 660	40 860	76 520
Bureau of Community Planning.....	25 000	.....	25 000
University Extension.....	344 215	64 210	408 425
Division of Communications.....	182 837	.....	182 837
Small Homes Council Publications.....	.....	34 280	34 280
<i>Total, Extension and Public Service...</i>	<i>(1 406 761)</i>	<i>(1 110 938)</i>	<i>(2 517 699)</i>
Libraries.....	1 141 240	.....	1 141 240
Physical Plant.....	3 466 459	.....	3 466 459
Endowment Income, Gift Funds, and United States Government Contracts for Educational Purposes.....	.....	2 981 125	2 981 125
<i>Total, Educational and General.....</i>	<i>(23 305 530)</i>	<i>(4 893 311)</i>	<i>(28 198 841)</i>
<i>Auxiliary Enterprises.....</i>	<i>.....</i>	<i>3 951 905</i>	<i>3 951 905</i>
<i>Student Aid and Miscellaneous Operations</i>			
Scholarships, Fellowships, and Prizes.....	145 500	175 000	320 500
Farm Operations.....	.....	143 000	143 000
Miscellaneous Rentals.....	.....	10 870	10 870
Veterans' Books and Supplies.....	.....	150 000	150 000
Endowment Income—Annuities.....	.....	250	250
<i>Total, Student Aid and Miscellaneous Operations.....</i>	<i>(145 500)</i>	<i>(479 120)</i>	<i>(624 620)</i>
<i>Total, Appropriations.....</i>	<i>\$23 451 030</i>	<i>\$9 324 336</i>	<i>\$32 775 366</i>

COMPARATIVE SUMMARY OF BUDGET APPROPRIATIONS

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Educational and General</i>			
Administration and General			
General Administrative Offices.....	\$758 365	\$185 690	\$944 055 ¹
General Student Service.....	510 977	93 795	604 772
General University Service.....	286 144	274 652	560 796
Security Benefits.....	80 323	1 001 216	1 081 539 ¹
<i>Total, Administration and General....</i>	<i>(1 635 809)</i>	<i>(1 555 353)</i>	<i>(3 191 162)</i>
Instruction and Departmental Research			
Colleges, Schools, and Departments			
Liberal Arts and Sciences.....	3 238 369	397 430	3 635 799
Agriculture.....	758 962	172 425	931 387
Engineering.....	1 730 285	173 910	1 904 195
Graduate College.....	49 080	63 000	112 080
Commerce and Business Administration	685 355	30 500	715 855
Education.....	592 266	54 721	646 987
Fine and Applied Arts.....	786 876	102 420	889 296
Physical Education.....	304 671	40 800	345 471
Veterinary Medicine.....	242 326	28 850	271 176
Law.....	192 390	22 250	214 640
Division of Communications.....	196 555	27 100	223 655
University Extension.....	21 460	6 300	27 760
Summer Session.....	522 240	8 500	530 740
Armed Forces.....	37 670	9 780	47 450
Institute of Aviation.....	235 430	23 250	258 680
Social Work.....	83 395	10 400	93 795
Division of Special Services for War Veterans.....	78 530	7 485	86 015
<i>Total, Colleges, Schools, and Depart- ments.....</i>	<i>(9 755 860)</i>	<i>(1 179 121)</i>	<i>(10 934 981)</i>

¹ Includes University-wide administration and services.

**COMPARATIVE SUMMARY OF BUDGET APPROPRIATIONS
(CONCLUDED)**

<i>Educational and General Instruction and Departmental Research (concluded)</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Organized Activities Relating to Instruction			
Agriculture.....	33 285	78 730	112 015
Education.....	108 577	8 800	117 377
Veterinary Clinic.....	6 115	37 885	44 000
Airport.....	22 720	105 000	127 720
<i>Total, Organized Activities.....</i>	<i>(170 697)</i>	<i>(230 415)</i>	<i>(401 112)</i>
<i>Total, Instruction and Departmental Research.....</i>	<i>(9 926 557)</i>	<i>(1 409 536)</i>	<i>(11 336 093)</i>
Organized Research			
Agriculture.....	1 640 560	522 955	2 163 515
Engineering.....	433 786	111 850	545 636
Graduate College.....	229 833	80 200	310 033
Bureau of Economic and Business Research.....	67 660	18 800	86 460
Education—Bureau of Research and Service.....	126 735	15 150	141 885
Institute of Communications Research...	17 775	5 750	23 525
Institute of Government and Public Affairs.....	39 990	10 700	50 690
Institute of Labor and Industrial Relations	163 079	24 350	187 429
Small Homes Council.....	47 290	8 600	55 890
<i>Total, Organized Research.....</i>	<i>(2 766 708)</i>	<i>(798 355)</i>	<i>(3 565 063)</i>
Extension and Public Service			
Agriculture.....	1 532 644	196 533	1 729 177
Business Management Service.....	44 460	17 000	61 460
Education.....	55 170	21 350	76 520
University Extension.....	267 290	141 135	408 425
Bureau of Community Planning.....	21 500	3 500	25 000
Division of Communications.....	131 373	51 464	182 837
Small Homes Council Publications.....	13 780	20 500	34 280
<i>Total, Extension and Public Service...</i>	<i>(2 066 217)</i>	<i>(451 482)</i>	<i>(2 517 699)</i>
Libraries.....	807 330	333 910	1 141 240
Physical Plant.....	2 598 016	868 443	3 466 459
Endowment Income, Gift Funds and United States Government Contracts for Educational Purposes.....	2 007 355	973 770	2 981 125
<i>Total, Educational and General.....</i>	<i>(21 807 992)</i>	<i>(6 390 849)</i>	<i>(28 198 841)</i>
<i>Auxiliary Enterprises.....</i>	<i>1 175 489</i>	<i>2 776 416</i>	<i>3 951 905</i>
<i>Student Aid and Miscellaneous Operations</i>			
Scholarships, Fellowships, and Prizes.....	.....	320 500	320 500
Farm Operations.....	.....	143 000	143 000
Miscellaneous Rentals.....	.....	10 870	10 870
Veterans' Books and Supplies.....	.....	150 000	150 000
Endowment Income—Annuities.....	.....	250	250
<i>Total, Student Aid and Miscellaneous Operations.....</i>	<i>.....</i>	<i>(624 620)</i>	<i>(624 620)</i>
<i>Total, Appropriations.....</i>	<i>\$22 983 481</i>	<i>\$9 791 885</i>	<i>\$32 775 366¹</i>

¹ Source of funds: General Income, \$23,451,030; Restricted Income, \$9,324,336; total, \$32,775,366.

SUMMARY OF EXPENDABLE ENDOWMENT INCOME, GIFTS, UNITED STATES GOVERNMENT CONTRACTS, AND OTHER TRUST FUNDS

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Educational and General</i>			
Administration.....	\$54 930	\$14 470	\$69 400
Instruction and Departmental Research			
Liberal Arts and Sciences.....	10 500	2 900	13 400
Agriculture.....	.....	100	100
Commerce and Business Administration....	3 000	.....	3 000
Fine and Applied Arts.....	1 750	250	2 000
Physical Education.....	100	25	125
<i>Total, Instruction and Departmental Research</i>	(15 350)	(3 275)	(18 625)
Organized Research			
Liberal Arts and Sciences.....	370 000	180 000	550 000
Agricultural Experiment Station.....	125 000	35 000	160 000
Engineering Experiment Station.....	1 075 000	550 000	1 625 000
Graduate College.....	150 000	50 000	200 000
Commerce and Business Administration....	25 500	13 700	39 200
Education.....	35 000	7 000	42 000
Fine and Applied Arts.....	10 000	2 500	12 500
Physical Education.....	825	275	1 100
Veterinary Medicine.....	7 750	2 550	10 300
Institute of Aviation.....	25 000	15 000	40 000
Small Homes Council.....	53 500	17 500	71 000
<i>Total, Organized Research</i>	(1 877 575)	(873 525)	(2 751 100)
Extension and Public Service			
University Extension.....	9 250	2 250	11 500
Division of Communications.....	25 000	50 000	75 000
Robert Allerton Park.....	25 000	40 000	55 000
<i>Total, Extension and Public Service</i>	(59 250)	(82 250)	(141 500)
Libraries.....	250	50	300
Physical Plant Operation and Maintenance....	.....	200	200
<i>Total, Educational and General</i>	(2 007 355)	(973 770)	(2 981 125)
<i>Student Aid and Miscellaneous Operations</i>			
Scholarships, Fellowships, and Prizes.....	.....	175 000	175 000
Farm Operations.....	.....	143 000	143 000
Miscellaneous Rentals.....	.....	10 870	10 870
Veterans' Books and Supplies.....	.....	150 000	150 000
Annuities.....	.....	250	250
<i>Total, Student Aid and Miscellaneous Operations</i>.....	.....	(479 120)	(479 120)
<i>Grand Total</i>	\$2 007 355	\$1 452 890	\$3 460 245

GENERAL ADMINISTRATIVE OFFICES, DEPARTMENTS, AND EXPENSE

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>General Administrative Offices</i>			
Board of Trustees.....	\$15 550	\$30 500	\$46 050
President's Office.....	63 720	7 550	71 270
Provost's Office—General.....	43 890	15 700	59 590
Business Office.....	358 915	60 390	419 305
Admissions and Records.....	173 420	51 400	224 820
Nonacademic Personnel.....	78 000	16 150	94 150
Legal Counsel.....	24 870	4 000	28 870
<i>Total, General Administrative Offices</i>	(758 365)	(185 690)	(944 055)

GENERAL ADMINISTRATIVE OFFICES (CONCLUDED)

<i>General Student Service</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Dean of Students			
Dean of Students—General	24 680	2 950	27 630
Dean of Men	54 850	5 900	60 750
Dean of Women	79 116	6 300	85 416
Health Service	163 275	16 558	179 833
McKinley Hospital		38 000	38 000
Housing Division	28 648	2 823	31 471
Residence Halls Counseling	12 004		12 004
Placement Bureau	15 980	4 114	20 094
Security Office	26 460	4 800	31 260
Freshman Week	250	4 250	4 500
High School Guidance Conference		1 800	1 800
<i>Total, Dean of Students</i>	<i>(405 263)</i>	<i>(87 495)</i>	<i>(492 758)</i>
Provost's Office			
Student Counseling Bureau	105 714	6 300	112 014
<i>Total, General Student Service</i>	<i>(510 977)</i>	<i>(93 795)</i>	<i>(604 772)</i>
<i>General University Service</i>			
Provost's Office			
Bureau of Institutional Research	34 002	3 050	37 052
Courses and Curricula	14 280	100	14 380
Statistical Service Unit	62 040	44 713	106 753
<i>Total, Provost's Office</i>	<i>(110 322)</i>	<i>(47 863)</i>	<i>(158 185)</i>
Committee on Student English	5 717	400	6 117
Illini Center	9 360	8 700	18 060
Building Program Committee	1 805	400	2 205
Citizens Committee		500	500
Commencement		23 400	23 400
Honors Day	600	2 150	2 750
Incidental and Emergency		7 500	7 500
Membership in Organizations		6 394	6 394
Public Functions	1 500	18 500	20 000
<i>Total, General University Service</i>	<i>(129 304)</i>	<i>(115 807)</i>	<i>(245 111)¹</i>
<i>Security Benefits (Entire University)</i>			
Retiring Allowances	77 823		77 823
University Retirement System		988 216	988 216
Death and Disability Benefits	2 500	4 000	6 500
Injuries to Employees		9 000	9 000
<i>Total, Security Benefits</i>	<i>(80 323)</i>	<i>(1 001 216)</i>	<i>(1 081 539)</i>
<i>Self-Supporting Accounts</i>			
General University Service			
Entrance Examinations	8 120	1 500	9 620
Accountancy Committee	22 040	6 820	28 860
<i>Total, Self-Supporting Accounts</i>	<i>(30 160)</i>	<i>(8 320)</i>	<i>(38 480)</i>
<i>Auxiliary Enterprises</i>			
Staff Insurance	5 500	56 000	61 500
Hospital and Medical Services	8 605	284 000	292 605
McKinley Hospital Operation	91 800	22 314	114 114
<i>Total, Auxiliary Enterprises</i>	<i>(105 905)</i>	<i>(362 314)</i>	<i>(468 219)</i>
<i>Grand Total, General Administrative Offices, Departments, and Expense</i>	<i>\$1 615 034</i>	<i>\$1 767 142</i>	<i>\$3 382 176</i>
Expendable Gift and Endowment Funds	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Dean of Women		\$ 500	\$ 500
United States Government Contracts and Indirect Costs Recovered			
President's Office			
Indirect Costs—General	\$ 3 500		3 500

¹ See also Division of Communications Summary.

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Business Office			
Veterans Equipment Procurement.....	5 770	230	6 000
Indirect Costs—General.....	25 000	10 000	35 000
Office of Admissions and Records			
Veterans Equipment Procurement.....	2 010	490	2 500
Dean of Men			
Veterans Equipment Procurement.....	17 250	2 750	20 000
Veterans Administration—Corrective Therapy.....	500	250	750
Veterans Rehabilitation Readers Service...	700	200	900
Bureau of Institutional Research			
Veterans Equipment Procurement.....	200	50	250
<i>Total, Trust Funds.....</i>	<i>\$54 930</i>	<i>\$14 470</i>	<i>\$69 400</i>

ADMINISTRATION AND GENERAL

Board of Trustees			
<i>Salaries and Wages</i>			
1. A. J. Janata, Secretary.....	DY33	\$ 4 300	
(See President's Office).....	DY67	(8 600)	
(Total Salary).....		(12 900)	
2. H. E. Cunningham, Secretary, <i>Emeritus</i>			
(Retiring allowance payable by Retirement System)			
3. Nonacademic Salaries.....		10 650	
<i>Total, Salaries.....</i>		<i>(14 950)</i>	
Wages.....		600	
<i>Total, Salaries and Wages.....</i>		<i>(15 550)</i>	
<i>Expense and Equipment</i>			
Expense.....		30 000	
Equipment.....		500	
<i>Total, Expense and Equipment.....</i>		<i>(30 500)</i>	
<i>Total, Board of Trustees.....</i>		<i>\$ 46 050</i>	

President's Office			
<i>Salaries and Wages</i>			
1. George D. Stoddard, President.....	GY	\$ 23 500 ¹	
(Term of office at the pleasure of the Board. Salary increase effective July 1, 1951.)			
2. A. C. Willard, President, <i>Emeritus</i>			
(Retiring allowance payable by Retirement System)			
3. A. J. Janata, Assistant to the President.....	DY67	8 600	
(See Board of Trustees).....	DY33	(4 300)	
(Total Salary).....		(12 900)	
4. Nonacademic Salaries.....		29 670	
<i>Total, Salaries.....</i>		<i>(61 770)</i>	
Wages, General.....		1 950	
Wages from U. S. Contracts, Indirect Costs.....		(2 440)	
<i>Total, Salaries and Wages.....</i>		<i>(63 720)</i>	
<i>Expense and Equipment</i>			
Expense.....		6 500	
Equipment, General.....		1 050	
Equipment (from U. S. Contracts, Indirect Costs).....		(850)	
<i>Total, Expense and Equipment.....</i>		<i>(7 550)</i>	
<i>Total, President's Office.....</i>		<i>\$ 71 270</i>	

Provost's Office			
<i>General</i>			
<i>Salaries and Wages</i>			
1. C. R. Griffith, Provost.....	DY	\$ 17 200	
Professor of Education.....	AY		
2. C. M. Louttit, Assistant to the Provost.....	DY	10 750	
Professor of Psychology.....	AY		

¹ With house and automobile furnished for the convenience of the University.

3. R. L. Peterson, Administrative Assistant	DY30	2 500
(See Business Management Service)	DY70	(4 500)
(Total Salary)		(7 000)
4. Nonacademic Salaries		12 690
<i>Total, Salaries</i>		(43 140)
Wages		750
<i>Total, Salaries and Wages</i>		(43 890)
<i>Expense and Equipment</i>		
Expense		3 200
Convention Travel		200
General University Lectures		12 000
Equipment		300
Educational Nonrecurring Unassigned		(50 000) ¹
<i>Total, Expense and Equipment</i>		(15 700)
<i>Total, Provost's Office—General</i>		\$ 59 590

Courses and Curricula*Salaries and Wages*

1. Mrs. Jessie Howard, Research Specialist, with rank of Assistant Professor	B	\$ 5 500
2. 2.00 Part-time Research Assistants	DY	6 000
3. Nonacademic Salaries		2 580
<i>Total, Salaries</i>		(14 080)
Wages		200
<i>Total, Salaries and Wages</i>		(14 280)

Expense and Equipment

Expense		100
<i>Total, Courses and Curricula</i>		\$ 14 380

Bureau of Institutional Research*Salaries and Wages*

1. E. F. Potthoff, Director	DY75	\$ 7 052
(See Education)	AY25	(2 348)
(Total Salary)		(9 400)
2. G. J. Froehlich, Assistant Director, with rank of Assistant Professor	DY	6 600
3. Nonacademic Salaries		18 000
<i>Total, Salaries</i>		(31 652)
Wages		2 350
<i>Total, Salaries and Wages</i>		(34 002)

Expense and Equipment

Expense		2 700
Convention Travel		150
Equipment		200
<i>Total, Expense and Equipment</i>		(3 050)
<i>Total, Bureau of Institutional Research</i>		\$ 37 052

Student Counseling Bureau*Salaries and Wages*

1. W. M. Gilbert, Director	DY	\$ 8 600
Associate Professor of Psychology	AY	
2. L. A. Hellmer, Associate Director	DY	7 600
Associate Professor of Psychology	AY	
3. T. N. Ewing, Clinical Counselor and Associate Professor of Psychology	AY	6 270
4. Mrs. Alice K. Jonietz, Clinical Counselor and Assistant Professor of Psychology	BY	5 830

¹ This amount, including assignments indicated elsewhere in the budget, is to be provided from lapsed salary balances. Assignments of the balance will be made by the President on recommendation of the Provost.

5. R. P. Larsen, Clinical Counselor and Assistant Professor of Psychology.....	BY50	2 700
6. J. F. Kamman, Psychometrist and Clinical Counselor....	DY	5 350
7. B. B. Jackson, Clinical Counselor.....	DY	5 060
8. Ruth Thomas, Clinical Counselor.....	DY	4 730
9. J. C. Langdon, Clinical Counselor.....	DY	3 850
10. Betty J. Flabb, Clinical Counselor.....	DY	3 700
11. Mrs. Priscilla Powell, Assistant Psychometrist.....	DY	3 230
12. _____, Assistant Psychometrist.....	DY	2 930
13. 2.00 Part-time Personnel Technicians.....	DY	6 305
14. Janet L. Weston, Counselor.....	D50	2 600
(See Commerce).....	B50	(2 600)
(Total Salary).....		(5 200)
15. Frank Costin, Counselor.....	D50	2 600
(See Division of General Studies).....	B50	(2 600)
(Total Salary).....		(5 200)
16. J. A. Henry, Counselor.....	D25	1 575
(See Mechanical Engineering).....	A75	(4 725)
(Total Salary).....		(6 300)
17. W. E. Morrell, Counselor.....	D25	1 487
(See Division of General Studies).....	A75	(4 463)
(Total Salary).....		(5 950)
18. P. S. Pettinga, Counselor.....	D25	1 490
(See Music).....	A75	(4 460)
(Total Salary).....		(5 950)
19. J. L. Breen, Counselor.....	D25	1 025
(See Physical Education for Men).....	D75	(3 075)
(Total Salary).....		(4 100)
20. R. D. Millican, Counselor.....	D25	1 397
(See Journalism).....	D75	(4 193)
(Total Salary).....		(5 590)
21. Mrs. Albertine Osgood, Counselor.....	D25	1 075
(See Spanish and Italian).....	B75	(3 225)
(Total Salary).....		(4 300)
22. Dorothy F. Durrell, Counselor.....	D25	975
(See Home Economics).....	D75	(2 925)
(Total Salary).....		(3 900)
23. Nonacademic Salaries.....		20 835
Total, Salaries.....		(101 214)
Wages (including 1.00 Part-time extern).....		4 500
Total, Salaries and Wages.....		(105 714)
<i>Expense and Equipment</i>		
Expense.....		5 600
Convention Travel.....		200
Equipment.....		500
Total, Expense and Equipment.....		(6 300)
Total, Student Counseling Bureau.....		\$112 014

Statistical Service Unit*Salaries and Wages*

1. G. R. Beam, Director.....	DY	\$ (8 350)
(On leave without pay for military service).....		
2. Nonacademic Salaries.....		56 040
Total, Salaries.....		(56 040)
Wages.....		6 000
Total, Salaries and Wages.....		(62 040)

Expense and Equipment

Machine Rentals.....		42 921
(From U. S. Contracts, Indirect Costs).....		(19 008)
Expense.....		1 792
Total, Expense and Equipment.....		(44 713)
Total, Statistical Service Unit.....		\$ 106 753

<i>Salaries and Wages</i>		Business Office	
COMPTROLLER'S OFFICE			
1. Lloyd Morey, Comptroller.....	DY	}	\$ 15 950 ¹
Professor of Accountancy.....	AY		
2. H. O. Farber, Assistant Comptroller.....	DY		8 500 ¹
3. Nonacademic Salaries.....			24 150
Sub-total, Comptroller's Office.....			(48 600)
AUDITING DIVISION			
4. S. C. Smith, Auditor.....	DY		8 000
5. Nonacademic Salaries.....			34 440
Sub-total, Auditing Division.....			(42 440)
ACCOUNTING DIVISION			
6. C. H. Pratt, Chief Accountant.....	DY		9 000
7. Nonacademic Salaries.....			73 980
Sub-total, Accounting Division.....			(82 980)
BURSAR'S DIVISION			
8. C. C. DeLong, Bursar.....	}DY		8 500
Assistant Professor of Accountancy.....			
9. Nonacademic Salaries.....			70 495
Sub-total, Bursar's Division.....			(78 995)
PURCHASING DIVISION			
10. H. M. Edwards, Director of Purchases.....	}DY		10 200
Assistant Professor of Management.....			
11. Nonacademic Salaries.....			83 370
Sub-total, Purchasing Division.....			(93 570)
Total, Salaries.....			(346 585)
Wages			
Total, Salaries and Wages.....			(358 915)
Expense and Equipment			
Expense.....			57 000
Convention Travel.....			90
Equipment.....			3 300
Total, Expense and Equipment.....			(60 390)
Total, Business Office.....			\$419 305
Staff Insurance (Entire budget from receipts)			
Salaries and Wages			
1. Nonacademic Salaries.....			\$ 5 040
Wages.....			460
Total, Salaries and Wages.....			(5 500)
Expense and Equipment			
Expense.....			1 000
Premiums.....			55 000
Total, Expense and Equipment.....			(56 000)
Total, Staff Insurance.....			\$ 61 500
Office of Admissions and Records			
Salaries and Wages			
1. G. P. Tuttle, Director of Admissions and Records.....	DY		\$10 750
2. D. A. Grossman, Examiner.....	DY		9 100
3. E. C. Seyler, Recorder.....	DY		8 600
4. Nonacademic Salaries.....			124 620
5. Deduct Salaries Charged to Accountancy Committee and Entrance Examinations ²			-12 660
Total, Salaries.....			(140 410)
Wages.....			23 000
Total, Salaries and Wages.....			(163 410)

¹ Includes service to the Retirement System.

² Distribution of Admissions and Records salaries to (1) Accountancy Committee: D. A. Grossman, \$1,800; nonacademic salaries, \$5,240; total, \$7,040; and (2) Entrance Examinations: D. A. Grossman, \$5,620.

Expense and Equipment

Expense.....	44 500
Convention Travel.....	500
Equipment.....	4 000
<i>Total, Expense and Equipment</i>	(49 000)
<i>Total, Office of Admissions and Records</i>	\$212 410

Committee on Admissions from Secondary Schools*Salaries and Wages*

1. L. B. Fisher, Executive Secretary.....	DY67	\$ 5 020
(See Education).....	AY33	(2 510)
(Total Salary).....		(7 530)
2. J. K. Robinson, Research Assistant.....	DY	3 300
3. Nonacademic Salaries.....		1 290
<i>Total, Salaries</i>		(9 610)
Wages.....		400
<i>Total, Salaries and Wages</i>		(10 010)

Expense and Equipment

Expense.....	2 400
<i>Total, Committee on Admissions from Secondary Schools</i>	\$ 12 410

Committee on Accountancy (Entire budget from receipts)*Salaries and Wages*

Salaries.....	\$ 7 040 ¹
Wages.....	15 000
<i>Total, Salaries and Wages</i>	(22 040)

Expense and Equipment

Expense.....	6 820
<i>Total, Committee on Accountancy</i>	\$ 28 860

Entrance Examinations (Entire budget from receipts)*Salaries and Wages*

Salaries.....	\$ 5 620 ¹
Wages.....	2 500
<i>Total, Salaries and Wages</i>	(8 120)

Expense and Equipment

Expense.....	1 500
<i>Total, Entrance Examinations</i>	\$ 9 620

Nonacademic Personnel*Salaries and Wages*

1. D. E. Dickason, Director.....	DY	\$ 10 750
2. Nonacademic Salaries.....		64 710
<i>Total, Salaries</i>		(75 460)
Wages.....		2 540
<i>Total, Salaries and Wages</i>		(78 000)

Expense and Equipment

Expense.....	12 000
Convention Travel.....	350
Illini Worker Publication.....	3 000
Equipment.....	800
<i>Total, Expense and Equipment</i>	(16 150)
<i>Total, Nonacademic Personnel</i>	\$ 94 150

Legal Counsel*Salaries and Wages*

1. R. F. Lesemann, Legal Counsel.....	DY	\$ 12 900
Professor of Law.....	AY	
2. Nonacademic Salaries.....		10 470
<i>Total, Salaries</i>		(23 370)

¹ Salaries are paid by Office of Admissions and Records and funds transferred annually to cover.

Wages.....	I 500
<i>Total, Salaries and Wages</i>	(24 870)
<i>Expense and Equipment</i>	
Expense.....	3 400
Convention Travel.....	100
Equipment.....	500
<i>Total, Expense and Equipment</i>	(4 000)
<i>Total, Legal Counsel</i>	\$ 28 870

Dean of Students

Dean of Students Office

<i>Salaries and Wages</i>		
1. F. H. Turner, Dean of Students.....	BY	\$ 10 750
2. H. S. Dawson, Associate Dean of Students and Director of University Placement Bureau.....		.....
(Salary under University Placement Bureau)		
3. Arthur Hamilton, Assistant Dean for Foreign Students....	DY50	5 030
(See Spanish and Italian).....	A50	(4 120)
(Total Salary).....		(9 150)
4. Nonacademic Salaries.....		6 600
<i>Total, Salaries</i>		(22 380)
Wages.....		2 300
<i>Total, Salaries and Wages</i>		(24 680)
<i>Expense and Equipment</i>		
Expense.....		2 300
Convention Travel.....		250
Equipment.....		400
<i>Total, Expense and Equipment</i>		(2 950)
<i>Total, Dean of Students</i>		\$ 27 630

Dean of Men

<i>Salaries and Wages</i>		
1. E. E. Stafford, Dean of Men.....	BY	\$ 8 100
2. G. W. Peck, Assistant Dean of Men.....	DY75	5 120
(See University Placement Bureau).....	DY25	(1 710)
(Total Salary).....		(6 830)
3. V. J. Hampton, Assistant Dean of Men.....	DY	5 100
4. R. E. Hulet, Assistant Dean of Men.....	DY	4 200
5. G. H. Bargh, Assistant Dean of Men.....	DY	3 300
6. D. L. Wolfe, Assistant Dean of Men.....	DY50	1 500
(From Veterans Equipment Procurement).....	DY50	(1 500)
(Total Salary).....		(3 000)
7. Nonacademic Salaries.....		12 150
<i>Total, Salaries</i>		(39 470)
Wages, General.....		7 650
Wages, Student Employment.....		7 730
Wages, Veterans Equipment Procurement.....		(2 700)
<i>Total, Wages</i>		(15 380)
<i>Total, Salaries and Wages</i>		(54 850)
<i>Expense and Equipment</i>		
Expense, General.....		4 750
Expense, Veterans Equipment Procurement.....		(2 500)
Convention Travel.....		150
Equipment, General.....		1 000
Equipment, Veterans Equipment Procurement.....		(250)
<i>Total, Expense and Equipment</i>		(5 900)
<i>Total, Dean of Men</i>		\$ 60 750

Hospital and Medical Services (Entire budget from student service charges and reimbursement of claims by insurance company)

<i>Salaries and Wages</i>	
1. Nonacademic Salaries.....	\$ 4 890

Wages.....	3 715
<i>Total, Salaries and Wages.....</i>	<i>(8 605)</i>
<i>Expense and Equipment</i>	
Administrative Expense.....	6 500
Premiums.....	150 000
Payments to Hospital and Physicians.....	127 500
<i>Total, Expense and Equipment.....</i>	<i>(284 000)</i>
<i>Total, Hospital and Equipment Service.....</i>	<i>\$292 605</i>

Dean of Women*Salaries and Wages*

1. Miriam A. Shelden, Dean of Women.....	BY	\$ 8 100
2. Maria Leonard, Dean of Women, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. Agnes G. Tandberg, Associate Dean of Women.....	DY	5 800
4. Eunice Dowse, Assistant Dean of Women.....	DY	4 800
5. Mary Jane Klein, Assistant Dean of Women.....	DY	4 800
6. Mrs. Inez S. Tate, Assistant Dean of Women.....	DY	4 500

RESIDENCE HALLS

7. _____, Head Resident, Lincoln Avenue Residences (North Half).....	G	3 500 ^{RBV}
(Ten months from September 1, 1951)		
8. Ruth H. Weimer, Head Resident, Lincoln Avenue Residences (South Half).....	G	3 000 ^{RBV}
(Ten months from September 1, 1951)		
9. Mrs. Alice W. Cotter, Head Resident, Evans Hall.....	G	2 700 ^{RBV}
(Ten months from September 1, 1951)		
10. Dorothy A. Brumbaugh, Head Resident, Busey Hall.....	G	2 500 ^{RBV}
(Ten months from September 1, 1951)		
11. Dorothy F. Farris, Assistant Head Resident, Lincoln Avenue Residences (South Half).....	G	2 600 ^{BU}
(Ten months from September 1, 1951)		
12. Shirley M. Thackray, Assistant Head Resident, Lincoln Avenue Residences (North Half).....	G	2 600 ^{BU}
(Ten months from September 1, 1951)		
13. Mrs. Sarah M. Fultz, Reserve House Director.....	G72	1 200
(Ten months from September 1, 1951)		
14. Summer Session Head Resident, Busey Hall (two months)	G	400 ^{RBV}
15. 4.00 Part-time Assistants (Counselors).....	G	13 600
(Ten months from September 1, 1951)		

COOPERATIVE HOUSES

16. Grace E. Williams, House Director, Alpha House.....	G37	470 ^{RBV}
(See Cooperative House Operations).....		
(Total Salary).....	G63	(810)
(Ten months from September 1, 1951)		
17. Mrs. Ruth C. Anderson, House Director, Gamma House	G37	470 ^{RBV}
(See Cooperative House Operations).....		
(Total Salary).....	G63	(810)
(Ten months from September 1, 1951)		
18. Mrs. Arahbell Conlee, House Director, Beta House.....	G37	470 ^{RBV}
(See Cooperative House Operations).....		
(Total Salary).....	G63	(810)
(Ten months from September 1, 1951)		
19. Nonacademic Salaries.....		12 120
<i>Total, Salaries.....</i>		<i>(73 630)</i>
Wages, General.....		3 150
Wages, Residence Halls.....		836
Wages, Reserve House Directors.....		1 500
<i>Total, Wages.....</i>		<i>(5 486)</i>
<i>Total, Salaries and Wages.....</i>		<i>(79 116)</i>

Expense and Equipment

Expense, General	4 500
Expense, Residence Halls ¹	600
Convention Travel	200
Equipment, General	800
Equipment, Residence Halls	200
<i>Total, Expense and Equipment</i>	<u>(6 300)</u>
<i>Total, Dean of Women</i>	\$ 85 416

Health Service*Salaries and Wages*

1. H. L. Lawder, Acting University Health Officer	DY	\$ 9 100 ²
Professor of Hygiene	AY	
2. G. H. Agate, Medical Adviser for Men	DY88	7 700
Associate Professor of Hygiene	AY	
(See Education)	DY12	(1 100)
(Total Salary)		(8 800)
3. E. M. Brophy, Acting Administrator of McKinley Hospital	DY75	5 000
4. Lewis Mihelich, Psychiatrist	DY	9 500
Associate Professor of Hygiene	AY	
5. Marjorie M. Smarzo, Medical Adviser for Women in Charge of Women's Division of Health Service	DY	7 200
Associate Professor of Hygiene	AY	
6. H. I. Teigler, Medical Adviser for Men	DY	7 100
Associate Professor of Hygiene	AY	
7. Marie A. Hinrichs, Medical Adviser for Women	DY	7 000
Associate Professor of Hygiene	AY	
8. G. F. Kolar, Dental Consultant and Oral Hygienist	DY	6 750
Associate Professor of Hygiene	AY	
9. H. C. Gebhart, Medical Adviser for Men	DY	6 600
Associate Professor of Hygiene	AY	
10. May I. Millbrook, Medical Adviser for Women	DY	6 400
Associate Professor of Hygiene	AY	
11. T. F. Crowley, Medical Adviser for Men and Assistant Professor of Hygiene	DY	7 750
12. Dorothy E. Shelley, Medical Adviser for Women and Assistant Professor of Hygiene	DY	6 750
13. L. D. Lewis, Medical Adviser for Men and Assistant Professor of Hygiene	DY	6 950
14. R. B. Montgomery, Medical Adviser for Men and Assistant Professor of Hygiene	DY	6 600
15. G. R. Blackstone, Associate in Hygiene, <i>Emeritus</i>		.....
(Retiring allowance payable by Retirement System)		
16. Jack Otis, Clinical Psychotherapist and Instructor in Mental Hygiene	DY	4 515
17. Dorothy F. Dunn, Instructor in Hygiene	D	3 600
18. Nonacademic Salaries		34 260
<i>Total, Salaries</i>		(142 775)
Wages, General		17 000
Wages, Chest X-ray		3 500
<i>Total, Wages</i>		(20 500)
<i>Total, Salaries and Wages</i>		(163 275)

Expense and Equipment

Expense, General	10 000
Expense, Chest X-ray	4 375
Convention Travel	750
Equipment	1 433
<i>Total, Expense and Equipment</i>	<u>(16 558)</u>
<i>Total, Health Service</i>	\$179 833

¹ In addition to \$500 from Lincoln Avenue Residence Operations and \$300 from Busey-Evans Operations.

² Includes service to the Retirement System.

McKinley Hospital*Expense and Equipment*

Expense	\$ 38 000
<i>Total, McKinley Hospital</i>	\$ 38 000

McKinley Hospital Operation (Entire budget from receipts)*Salaries and Wages*

1. Nonacademic Salaries	\$ 85 200
Wages	6 600
<i>Total, Salaries and Wages</i>	(91 800)

Expense and Equipment

Expense	22 314
<i>Total, McKinley Hospital Operation</i>	\$114 114

Housing Division*Salaries and Wages*

1. S. E. Thompson, Director	DY50	\$ 4 450
(See Auxiliary Enterprises, Residence Halls Administration)	DY50	(4 450)
(Total Salary)		(8 900)
2. Nonacademic Salaries		22 498
<i>Total, Salaries</i>		(26 948)
Wages		1 700
<i>Total, Salaries and Wages</i>		(28 648)

Expense and Equipment

Expense	2 290
Convention Travel	100
Equipment	433
<i>Total, Expense and Equipment</i>	(2 823)
<i>Total, Housing Division</i>	\$ 31 471

Residence Halls Counseling*Salaries and Wages*

1. C. S. Sifferd, Supervisor of Counseling in Men's Residence Halls	DY	\$ 5 340
2. 1.25 Part-time Assistants	E	4 300
.50 Part-time Assistants	DY	2 064
(Total, Part-time Assistants)		(6 364)
<i>Total, Salaries</i>		(11 704)
Wages		300
<i>Total, Salaries and Wages</i>		(12 004)
<i>Total, Residence Halls Counseling</i>		\$ 12 004

Freshman Week*Salaries and Wages*

Wages	\$ 250
<i>Expense and Equipment</i>	
Expense	4 250
<i>Total, Freshman Week</i>	\$ 4 500

High School Guidance Conferences*Expense and Equipment*

Expense	\$ 1 800
<i>Total, High School Guidance Conferences</i>	\$ 1 800

University Placement Bureau*Salaries and Wages*

1. H. S. Dawson, Director and Associate Dean of Students	DY	\$ 8 900
2. G. W. Peck, Assistant Director	DY25	1 710
(See Dean of Men)	DY75	(5 120)
(Total Salary)		(6 830)

3. Nonacademic Salaries	5 370
<i>Total, Salaries</i>	(15 980)
<i>Expense and Equipment</i>	
Expense	3 814
Convention Travel	100
Equipment	200
<i>Total, Expense and Equipment</i>	(4 114)
<i>Total, University Placement Bureau</i>	\$ 20 094

Security Office

<i>Salaries and Wages</i>	
1. J. E. Ewers, Security Officer	DY \$ 7 000
2. Nonacademic Salaries	17 460
<i>Total, Salaries</i>	(24 460)
Wages	2 000
<i>Total, Salaries and Wages</i>	(26 460)
<i>Expense and Equipment</i>	
Expense	3 500
Convention Travel	100
Equipment	1 200
<i>Total, Expense and Equipment</i>	(4 800)
<i>Total, Security Office</i>	\$ 31 260

Building Program Committee

<i>Salaries and Wages</i>	
1. Nonacademic Salaries	\$ 1 680
Wages	125
<i>Total, Salaries and Wages</i>	(1 805)
<i>Expense and Equipment</i>	
Expense	400
<i>Total, Building Program Committee</i>	\$ 2 205

Committee on Student English

<i>Salaries and Wages</i>	
1. E. G. Mathews, Executive Secretary	DY33 \$ 2 200
(See English)	B67 (3 600)
<i>(Total Salary)</i>	(5 800)
2. R. G. Brooks, Assistant Executive Secretary	E33 1 167
(See English)	E67 (2 333)
<i>(Total Salary)</i>	(3 500)
3. Nonacademic Salaries	1 800
<i>Total, Salaries</i>	(5 167)
Wages	550
<i>Total, Salaries and Wages</i>	(5 717)
<i>Expense and Equipment</i>	
Expense	400
<i>Total, Committee on Student English</i>	\$ 6 117

Illini Center

<i>Salaries and Wages</i>	
1. Nonacademic Salaries	\$ 9 360
<i>Expense and Equipment</i>	
Expense	8 500
Equipment	200
<i>Total, Expense and Equipment</i>	(8 700)
<i>Total, Illini Center</i>	\$ 18 060

Citizens Committee

<i>Expense and Equipment</i>	
Expense	\$ 500
<i>Total, Citizens Committee</i>	\$ 500

Commencement	
<i>Expense and Equipment</i>	
Expense.....	\$ 23 400
<i>Total, Commencement.....</i>	<u>\$ 23 400</u>
Honors Day	
<i>Salaries and Wages</i>	
Wages.....	\$ 600
<i>Expense and Equipment</i>	
Expense.....	1 750
Equipment.....	400
<i>Total, Expense and Equipment.....</i>	<u>(2 150)</u>
<i>Total, Honors Day.....</i>	<u>\$ 2 750</u>
Incidental and Emergency	
<i>Expense and Equipment</i>	
Expense.....	\$ 7 500
<i>Total, Incidental and Emergency.....</i>	<u>\$ 7 500</u>
Memberships in Organizations	
<i>Expense and Equipment</i>	
American Council on Education.....	\$ 200
Association of American Universities.....	250
Association of Land-Grant Colleges and Universities.....	700
Institute of International Education.....	300
Midwest Inter-Library Corporation.....	4 660
National Association of State Universities.....	50
National Commission on Accrediting.....	100
North Central Association of Colleges and Secondary Schools..	75
Urbana Association of Commerce.....	24
Champaign Chamber of Commerce.....	25
Campus Business Men's Association.....	10
<i>Total, Memberships in Organizations.....</i>	<u>\$ 6 394</u>
Public Functions	
<i>Salaries and Wages</i>	
Wages.....	\$ 1 500
<i>Expense and Equipment</i>	
Expense.....	18 500
<i>Total, Public Functions.....</i>	<u>\$ 20 000</u>
Nonrecurring Equipment and Remodeling Unassigned	
<i>Expense and Equipment</i>	
To be assigned by the President to departments on a nonrecurring basis (from lapsed salary balances).....	\$ (50 000)
<i>Total, Nonrecurring Equipment and Remodeling Unassigned.....</i>	<u>\$ (50 000)</u>
Retiring Allowances	
<i>Salaries</i>	
For payment of retiring allowances to individuals retired prior to September 1, 1942.....	\$ 77 823
<i>Total, Retiring Allowances.....</i>	<u>\$ 77 823</u>
University Retirement System	
<i>Expense and Equipment</i>	
For employer contributions to University Retirement System covering expected death and disability benefits, supplemental and current retiring allowances to employees of the University of Illinois, and a portion of the Administrative Expenses (Special State Appropriation).....	\$988 216
<i>Total, University Retirement System.....</i>	<u>\$988 216</u>

*Salaries and Wages***Death and Disability Benefits**

Wages for payments due to replacements of nonacademic personnel on extended disability leave.

\$ 2 500

Expense and Equipment

Expense for death benefits to persons retired prior to September 1, 1942, and for death and disability benefits to employees who are not participants in the University Retirement System.

4 000

Total, Death and Disability Benefits.

\$ 6 500

*Expense and Equipment***Injuries to Employees**

Expense.

\$ 9 000

Total, Injuries to Employees.

\$ 9 000

COLLEGE OF LIBERAL ARTS AND SCIENCES**Summary**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.	\$ 71 801	\$ 12 400	\$ 84 201
Astronomy.	1 600	790	2 390
Bacteriology.	88 106	21 850	109 956
Botany.	127 710	18 500	146 210
Chemistry.	530 262	206 700	736 962
Classics.	39 450	900	40 350
Division of General Studies.	89 158	3 400	92 558
English.	449 935	7 750	457 685
Entomology.	49 415	3 200	52 615
French.	88 000	1 775	89 775
Geography.	60 930	3 950	64 880
Geology.	113 490	24 415	137 905
German.	86 980	1 700	88 680
History.	151 222	2 700	153 922
Mathematics.	288 217	6 000	294 217
Philosophy.	61 815	1 450	63 265
Physiology.	97 226	17 800	115 026
Political Science.	91 540	2 650	94 190
Psychology.	185 500	13 800	199 300
Sociology and Anthropology.	108 075	1 700	109 775
Spanish and Italian.	92 380	2 150	94 530
Speech.	196 424	8 050	204 474
Zoology.	156 663	26 250	182 913
Classical Museum.	1 000	500	1 500
Museum of European Culture.	2 760	600	3 360
Natural History Museum.	8 710	5 450	14 160
<i>Total</i>	(3 238 369)	(396 430)	(3 634 799)
Speech Revolving.		1 000	1 000
<i>Total, College of Liberal Arts and Sciences</i>	\$3 238 369	\$397 430	\$3 635 799

Expendable Gift and Endowment Funds**Instruction (Endowment Income)**

Estimated new projects and renewals. \$ 400 \$ 400

Organized Research (Gifts)

Estimated new projects and renewals. \$70 000 30 000 100 000

Total. (70 000) (30 400) (100 400)

**United States Government Contracts
and Indirect Costs Recovered**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Instruction			
Estimated new projects and renewals.....	10 500	2 500	13 000
Organized Research			
Estimated new projects and renewals.....	300 000	150 000	450 000
<i>Total</i>	<i>(310 500)</i>	<i>(152 500)</i>	<i>(463 000)</i>
<i>Total, Trust Funds</i>	<i>\$380 500</i>	<i>\$182 900</i>	<i>\$563 400</i>

Administration*Salaries and Wages*

1. Henning Larsen, Dean.....	BY	\$ 15 950
Professor of English.....	AY	
2. G. E. Moore, Associate Dean.....	BY	9 300
Associate Professor of Mathematics.....	AY	
3. O. A. Kubitz, Assistant Dean.....	DY75	5 130
(See Philosophy).....	BY25	(1 670)
(Total Salary).....		(6 800)
4. F. J. Koenig, Assistant Dean.....	DY	5 900
5. Gibbon Butler, Assistant Dean.....	DY	5 700
6. Nonacademic Salaries.....		25 821
<i>Total, Salaries</i>		<i>(67 801)</i>

Wages.....		4 000
<i>Total, Salaries and Wages</i>		<i>(71 801)</i>

Expense and Equipment

Expense.....		5 000
Equipment.....		1 000
Contingent Fund.....		4 700
Division of Social Sciences Expense.....		200
Division of Biological Sciences Expense.....		1 000
Division of Biological Sciences Equipment.....		500
<i>Total, Expense and Equipment</i>		<i>(12 400)</i>
<i>Total, Administration</i>		<i>\$ 84 201</i>

Astronomy*Salaries and Wages*

1. R. H. Baker, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
2. .50 Part-time Assistants.....	E	1 200
<i>Total, Salaries</i>		<i>(1 200)</i>

Wages.....		400
<i>Total, Salaries and Wages</i>		<i>(1 600)</i>

Expense and Equipment

Expense.....		490
Convention Travel.....		50
Equipment.....		250
<i>Total, Expense and Equipment</i>		<i>(790)</i>
<i>Total, Astronomy</i>		<i>\$ 2 390</i>

Bacteriology*Salaries and Wages*

1. H. O. Halvorson, Professor and Head of Department.....	A	\$ 10 900
2. F. W. Tanner, Professor.....		.....
(On leave without pay until further notice; disability benefits payable by University Retirement System)		
3. I. C. Gunsalus, Professor.....	A	10 400
4. S. E. Luria, Professor.....	A	.....
(Salary under Special Graduate Fund)		
5. Sol Spiegelman, Professor.....	A	8 200
6. G. I. Wallace, Professor.....	A	7 500
7. F. M. Clark, Associate Professor.....	A	6 600
8. A. F. Borg, Assistant Professor.....	B	5 200

9. Elliot Juni, Instructor.....	D	4 850
10. 6.50 Part-time Assistants.....	E	16 230
11. Nonacademic Salaries.....		15 726
<i>Total, Salaries.....</i>		(85 606)
Wages.....		2 500
<i>Total, Salaries and Wages.....</i>		(88 106)
<i>Expense and Equipment</i>		
Expense.....		16 500
Convention Travel.....		350
Equipment.....		5 000
<i>Total, Expense and Equipment.....</i>		(21 850)
<i>Total, Bacteriology.....</i>		\$109 956

Cooperative Investigations*Salaries and Wages***TRUST V-3D: AMERICAN CANCER SOCIETY-LURIA RESEARCH**

- | | | |
|---|----|----------|
| 1. Guiseppe Bertani, Research Associate..... | GY | \$ 4 800 |
| (August 1, 1951, to June 30, 1952, at an annual rate of \$4800) | | |
| 2. Martha R. Sheek, Research Assistant..... | GY | 3 360 |
| (July 1, 1951, to June 30, 1952) | | |

OFFICE OF NAVAL RESEARCH 173 (00)

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|--|----|-------|
| 3. M. I. Dolin, Research Associate..... | DY | 4 500 |
| 4. Elizabeth Schoen, Research Assistant..... | DY | 3 000 |

ELI LILLY—PYRUVATE—OXIDASE FACTOR

- | | | |
|--|----|-------|
| 5. C. S. Hornberger, Research Assistant..... | GY | 4 500 |
| (One year from June 16, 1951) | | |

*Salaries and Wages***Botany**

- | | | |
|--|-----|-----------|
| 1. Oswald Tippo, Professor..... | A) | \$ 9 200 |
| Chairman of Department..... | B) | |
| 2. M. M. Rhoades, Professor of Botany and Cytogenetics (Agronomy)..... | A | 11 550 |
| 3. C. F. Hottes, Professor, <i>Emeritus</i> | | (2 254) |
| (See Agronomy)..... | | (453) |
| (Total from Retiring Allowances)..... | | (2 707) |
| 4. _____, Professor..... | A | 9 000 |
| 5. A. G. Vestal, Professor..... | A | 7 260 |
| 6. H. J. Fuller, Professor..... | A85 | 5 870 |
| (See Council on Teacher Education)..... | DI5 | (1 030) |
| (Total Salary)..... | | (6 900) |
| 7. K. B. Raper, Visiting Professor..... | G20 | (950) |
| (February 1 to June 30, 1952) | | |
| (From Educational Nonrecurring) | | |
| 8. G. N. Jones, Professor and Curator of Herbarium..... | A | 6 800 |
| 9. Leland Shanor, Professor and Curator of Mycological Collections..... | A | 6 800 |
| (On leave with one-half pay 1951-1952) | | |
| 10. W. N. Stewart, Associate Professor..... | A | 6 160 |
| 11. J. R. Laughnan, Associate Professor of Botany and Plant Genetics (Agronomy)..... | A | 6 160 |
| 12. J. F. Nance, Associate Professor..... | A | 5 600 |
| 13. Stella Hague, Associate, <i>Emerita</i> (From Retiring Allowances)..... | | (1 144) |
| 14. Ellen Dempsey, Research Assistant..... | DY | 3 300 |
| 15. Mrs. Shirley Beym, Assistant..... | E | 2 640 |
| 16. 8.00 Part-time Assistants..... | E | 20 640 |
| 17. 1.25 Part-time Assistants..... | E | (3 000) |
| (Paid from Item 9) | | |
| 18. Nonacademic Salaries..... | | 25 230 |
| <i>Total, Salaries.....</i> | | (126 210) |

Wages.....	I 500
<i>Total, Salaries and Wages</i>	(127 710)
<i>Expense and Equipment</i>	
Expense.....	14 000
Convention Travel.....	500
Equipment.....	4 000
<i>Total, Expense and Equipment</i>	(18 500)
<i>Total, Botany</i>	\$146 210

Chemistry

Salaries and Wages

1. Roger Adams, Professor of Organic Chemistry and Head of Department.....	A	\$ 17 200
2. W. C. Rose, Professor of Biochemistry.....	A	14 500
3. C. S. Marvel, Professor of Organic Chemistry.....	A	13 500
4. H. F. Johnstone, Professor of Chemical Engineering.....	A67	8 170
(See Chemical Engineering).....	A33	(4 080)
(Total Salary).....		(12 250)
5. W. H. Rodebush, Professor of Physical Chemistry.....	A	11 900
6. A. M. Buswell, Research Professor.....	AY40	5 000
(From State Water Survey).....	AY60	(7 504)
(Total Salary).....		(12 504)
7. R. C. Fuson, Professor of Organic Chemistry.....	A	11 000
8. G. L. Clark, Professor of Chemistry.....	A	10 800
9. J. C. Bailar, Jr., Professor and Departmental Secretary...	A	10 800
10. H. E. Carter, Professor.....	A	10 800
11. F. T. Wall, Professor.....	A	10 800
12. L. F. Audrieth, Professor.....	A	9 200
13. H. A. Laitinen, Professor.....	A	8 200
14. T. E. Phipps, Professor of Physical Chemistry.....	A	8 200
15. H. R. Snyder, Professor.....	A	8 000
16. D. T. Englis, Professor.....	A	7 800
17. G. F. Smith, Professor.....	A50	3 770
18. B. S. Hopkins, Professor, <i>Emeritus</i> (From Retiring Allowances).....		(2 714)
19. N. J. Leonard, Associate Professor.....	A	7 900
20. R. B. Duffield, Associate Professor.....	A50	3 850
(See Physics).....	A50	(3 850)
(Total Salary).....		(7 700)
21. G. T. Moeller, Associate Professor.....	A	7 000
22. H. G. Drickamer, Associate Professor of Chemical Engineering.....	A	6 600
23. C. S. Vestling, Associate Professor.....	A	6 400
24. L. M. Henderson, Assistant Professor.....	B	6 100
25. B. R. Ray, Assistant Professor.....	B	6 100
26. D. Y. Curtin, Assistant Professor.....	B	5 500
27. P. E. Yankwich, Assistant Professor.....	B	5 500
28. Virginia Bartow, Assistant Professor.....	B	5 400
29. H. S. Gutowsky, Assistant Professor.....	B	5 100
30. J. W. Westwater, Assistant Professor.....	B	5 000
31. R. K. Finn, Assistant Professor.....	B	4 900
32. R. A. Johnson, Assistant Professor.....	B	4 800
33. M. S. Peters, Assistant Professor.....	B	4 800
34. W. E. Ranz, Assistant Professor.....	B	4 800
35. Milton Tamres, Assistant Professor.....	B	4 800
36. Rosalie M. Parr, Associate, <i>Emerita</i> (From Retiring Allowances).....		(1 265)
37. E. J. Corey, Jr., Instructor.....	D	4 300
38. C. E. Johnson, Instructor.....	D	4 300
39. E. C. Taylor, Instructor.....	D	4 250
40. H. V. Malmstadt, Instructor.....	D	4 200
41. L. F. Goodyear, Instructor in Glassblowing.....	DY	300
(See Chemistry Nonacademic).....	N	(5 490)
(Total Salary).....		(5 790)

42. J. D. Edwards, Research Assistant.....	DY	4 300
43. R. R. Holmes, Research Assistant.....	DY	4 400
44. William Moje, Research Assistant.....	DY	4 400
45. Elizabeth M. Petersen, Infrared Spectroscopist.....	DY	4 350
46. Emily E. Davis, Microanalyst.....	DY	4 300
47. Mrs. Jean D. Fortney, Microanalyst.....	DY	3 000
48. Mrs. Katherine D. Pih, Microanalyst.....	DY	2 910
49. 39.75 Part-time Assistants.....	E	110 730
50. Nonacademic Salaries.....		108 432
<i>Total, Salaries</i>		(528 362)
Wages.....		1 900
<i>Total, Salaries and Wages</i>		(530 262)
<i>Expense and Equipment</i>		
Expense.....		170 000
Convention Travel.....		1 700
Equipment.....		35 000
<i>Total, Expense and Equipment</i>		(206 700)
<i>Total, Chemistry</i>		\$736 962

Cooperative Investigations (Under the supervision of the Graduate College)

Salaries and Wages

RECONSTRUCTION FINANCE CORPORATION

CONTRACT RUR SR 95

1. H. K. Inskip, Postdoctoral Research Assistant.....	GY	\$ 5 000
(July 1, 1951, to June 30, 1952)		
2. J. S. Showell, Research Assistant.....	DY	4 500
(July 1, 1951, to June 30, 1952)		
3. _____, Postdoctoral Research Assistant.....	GY	4 500
(July 1, 1951, to June 30, 1952)		
4. _____, Postdoctoral Research Assistant.....	GY	4 500
(July 1, 1951, to June 30, 1952)		
5. _____, Postdoctoral Research Assistant.....	GY	4 500
(July 1, 1951, to June 30, 1952)		
6. _____, Postdoctoral Research Assistant.....	GY	4 500
(July 1, 1951, to June 30, 1952)		
7. _____, Postdoctoral Research Assistant.....	GY	4 500
(July 1, 1951, to June 30, 1952)		
8. _____, Postdoctoral Research Assistant.....	GY	4 500
(July 1, 1951, to June 30, 1952)		
9. Mrs. Rosemary F. Hill, Research Assistant.....	GY	3 600
(July 1, 1951, to June 30, 1952)		

UPJOHN COMPANY—ANTIBIOTIC RESEARCH

10. Jane E. Twist, Research Assistant.....	DY	3 200
11. _____, Research Assistant.....	DY	3 000
12. _____, Research Assistant.....	DY	4 200
13. R. B. Johnson, Research Assistant.....	GY	4 060

ELI LILLY & COMPANY

14. Mary P. Edmonds, Research Assistant.....	DY	4 000
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Salaries and Wages

Classics

1. J. L. Heller, Professor and Head of Department, and Curator of Classical Museum.....	A	\$ 9 200
2. B. E. Perry, Professor.....	A	8 800
3. Alexander Turyn, Professor.....	A	7 700
4. R. P. Oliver, Associate Professor.....	A50	3 050
(See Spanish and Italian).....	A50	(3 050)
(Total Salary).....		(6 100)
5. F. D. Lazenby, Assistant Professor.....	B	4 300
6. Mrs. Eleanor Huzar, Instructor.....	D	3 600
7. 0.67 Part-time Assistants.....	E	1 600
8. Nonacademic Salaries.....	N	1 050
<i>Total, Salaries</i>		(39 300)

Wages.....	150
<i>Total, Salaries and Wages</i>	(39 450)
<i>Expense and Equipment</i>	
Expense.....	500
Convention Travel.....	250
Equipment.....	150
<i>Total, Expense and Equipment</i>	(900)
<i>Total, Classics</i>	\$ 40 350

Division of General Studies

Salaries and Wages

1. R. G. Bone, Director of Division of General Studies.....	DY60	\$ 5 600
(See History).....	A40	(3 000)
(Total Salary).....		(8 600)
2. H. R. Wanless, Professor of Geology.....	A25	2 150
(See Geology).....	A75	(6 450)
(Total Salary).....		(8 600)
3. M. T. Herrick, Professor of English.....	A33	2 748
(See English).....	A67	(5 502)
(Total Salary).....		(8 250)
4. _____, Professor of Economics.....	A33	2 100
5. J. M. McCrimmon, Associate Professor of Humanities....	A	6 500
6. William Habberton, Associate Professor of History.....	A	6 200
7. W. E. Morrell, Associate Professor of Physical Sciences...	A75	4 463
(See Student Counseling Bureau).....	D25	(1 487)
(Total Salary).....		(5 950)
8. H. L. Andrews, Associate Professor of Biology.....	A	5 875
9. L. S. Hultzén, Associate Professor of Speech.....	A60	3 390
(See Speech).....	A40	(2 260)
(Total Salary).....		(5 650)
10. O. E. Kugler, Associate Professor of Zoology.....	A	5 625
11. R. G. Langebartel, Assistant Professor of Mathematics...	B25	1 125
(See Mathematics).....	B75	(3 375)
(Total Salary).....		(4 500)
12. Frank Costin, Assistant Professor of Psychology.....	B50	2 600
(See Student Counseling Bureau).....	D50	(2 600)
(Total Salary).....		(5 200)
13. H. E. Gulley, Assistant Professor of Speech.....	B40	1 965
(See Speech).....	B60	(2 950)
(Total Salary).....		(4 915)
14. F. H. Jackson, Instructor in History of Civilization.....	D	4 400
15. J. F. Glawe, Instructor in Biological Sciences.....	D	4 300
16. A. Tress Lundman, Instructor in Verbal Communication...	D	4 230
17. O. R. Rankin, Instructor in Physical Sciences.....	D	4 230
18. J. T. Mohan, Assistant in Social Science.....	E	3 250
19. J. F. Kingston, Assistant in Verbal Communication.....	E	2 800
20. _____, Assistant in History of Civilization.....	E	2 800
21. 3.33 Part-time Assistants.....	E	9 267
22. Nonacademic Salaries.....		2 340
<i>Total, Salaries</i>		(87 958)
Wages.....		1 200
<i>Total, Salaries and Wages</i>		(89 158)
<i>Expense and Equipment</i>		
Expense.....		1 600
Convention Travel.....		600
Equipment.....		1 200
<i>Total, Expense and Equipment</i>		(3 400)
<i>Total, Division of General Studies</i>		\$92 558

English

Salaries and Wages

1. G. N. Ray, Professor and Head of Department.....	A	\$ 9 300
2. Henning Larsen, Professor.....		.....
(Salary under Administration)		

3. H. N. Hillebrand, Professor.....	.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
4. Ernest Bernbaum, Professor, <i>Emeritus</i>.....	.....
(Retiring allowance payable by Retirement System)		
5. G. T. Flom, Professor, <i>Emeritus</i> (From Retiring Allow- ances).....		(2 308)
6. T. W. Baldwin, Professor.....	A	11 300
7. H. F. Fletcher, Professor.....	A	10 700
8. P. N. Landis, Professor.....	A	8 800
9. J. J. Parry, Professor.....	A	8 800
10. M. T. Herrick, Professor.....	A67	5 502
(See Division of General Studies).....	A33	(2 748)
(Total Salary).....		(8 250)
11. A. W. Secord, Professor.....	A	8 250
12. R. A. Gettmann, Professor.....	A	7 700
13. R. M. Smith, Professor.....	A	7 600
14. C. R. Anderson, Professor of Business English.....	A	7 150
15. J. T. Flanagan, Professor.....	A	7 150
16. C. W. Roberts, Professor and Executive Secretary of Department.....	A	7 150
17. E. H. Davidson, Associate Professor.....	A	6 500
18. C. H. Shattuck, Associate Professor.....	A	6 150
19. B. A. Milligan, Associate Professor.....	A	6 050
20. R. B. Weirick, Associate Professor.....	A	6 050
21. Mrs. Leah F. Trelease, Associate Professor.....	A	6 050
22. M. S. Goldman, Associate Professor.....	A	5 700
23. G. B. Evans, Associate Professor.....	A	5 700
24. J. N. Hook, Associate Professor.....	A50	2 800
(See Council on Teacher Education).....	D33	(1 870)
(See Education).....	D17	(930)
(Total Salary).....		(5 600)
25. R. W. Rogers, Associate Professor.....	A	5 300
26. Caroline Tupper, Assistant Professor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
27. E. G. Mathews, Assistant Professor.....	B67	3 600
(See Committee on Student English).....	DY33	(2 200)
(Total Salary).....		(5 800)
28. A. G. Holaday, Assistant Professor.....	B	5 500
29. G. P. Haskell, Assistant Professor.....	B	5 350
30. L. C. Warren, Assistant Professor.....	B	5 250
31. Ruth Kelso, Assistant Professor.....	B	4 950
32. F. W. Weeks, Assistant Professor of Business English....	B	4 950
33. G. B. Stillwell, Assistant Professor.....	B	4 800
34. Garreta H. Busey, Assistant Professor.....	B	4 800
35. Clarissa Rinaker, Assistant Professor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
36. Margaret French, Assistant Professor.....	B	4 500
37. Cornelia P. Kelley, Assistant Professor.....	B	4 400
38. Mrs. Esther H. Rapp, Assistant Professor.....	B	4 400
(On leave with pay one semester, 1951-1952)		
39. J. J. Campbell, Assistant Professor.....	B	4 300
40. F. G. Townsend, Assistant Professor.....	B	4 300
41. George Scouffas, Assistant Professor.....	B	4 000
42. J. K. Quinn, Instructor.....	D	4 400
43. H. W. Sargent, Instructor in Business English.....	D	4 300
44. Arthur Sherbo, Instructor.....	D	4 000
45. Helen Beveridge, Instructor.....	D	4 000
46. Margaret Bloom, Instructor.....	D	3 800
47. A. L. Scott, Instructor.....	D	3 800
48. W. S. Worden, Instructor.....	D	3 800
49. H. F. Robins, Instructor.....	D	3 800

50. Bruce Harkness, Instructor.....	D	3 800
51. W. B. Stone, Instructor.....	D	3 800
52. W. E. Buckler, Instructor.....	D	3 800
53. J. H. Schacht, Instructor.....	D	3 550
54. N. P. Davis, Instructor in Business English.....	D	3 550
55. J. A. Hamilton, Instructor.....	D	3 450
56. W. J. Chamberlin, Instructor in Business English.....	D	3 450
57. J. T. Maguire, Instructor in Business English.....	D	3 450
58. R. G. Brooks, Assistant.....	E67	2 333
(See Committee on Student English).....	D33	(1 167)
(Total Salary).....		(3 500)
59. Richard Wiegand, Assistant in Business English.....	E	3 340
60. Constance Nicholas, Instructor.....	D	3 300
61. Audrey Galpin, Assistant.....	E	3 340
62. V. E. Harder, Assistant in Business English.....	E	3 230
63. Mary A. Hussey, Assistant.....	E	3 230
64. Sonia Miller, Assistant.....	E	3 010
65. D. E. McCoy, Assistant.....	E	3 000
66. J. B. Foster, Assistant.....	E	2 910
67. C. T. Wilkins, Assistant.....	E	2 910
68. J. D. Bailey, Assistant.....	E	2 900
69. G. E. Jones, Assistant.....	E	2 800
70. W. C. McAvoy, Assistant.....	E	2 800
71. Verna Wittrock, Assistant.....	E	2 790
72. A. C. Tillman, Assistant.....	E	2 790
73. J. H. Dugas, Assistant.....	E	2 790
74. G. S. Conkin, Assistant.....	E	2 790
75. T. H. Driscoll, Assistant.....	E	2 690
76. G. T. Watkins, Assistant.....	E	2 680
77. J. E. Bellamy, Assistant.....	E	2 680
78. W. C. Rogahn, Assistant.....	E	2 680
79. Margaret O. Stewart, Assistant.....	E	2 580
80. J. E. Robinson, Assistant.....	E	2 580
81. H. F. Salerno, Assistant.....	E	2 580
82. M. A. Crane, Assistant.....	E	2 580
83. J. B. Gleason, Assistant.....	E	2 580
84. F. M. Moake, Assistant.....	E	2 580
85. O. L. Rice, Assistant.....	E	2 580
86. L. C. Wagy, Assistant.....	E	2 580
87. G. O. Carey, Assistant.....	E	2 580
88. Katherine T. Gill, Assistant.....	E	2 690
89. M. M. Culver, Assistant.....	E	2 580
90. S. L. Gross, Assistant.....	E	2 580
91. R. W. Barzak, Assistant.....	E	2 580
92. W. E. Edens, Assistant.....	E	2 580
93. W. E. Colburn, Assistant.....	E	2 580
94. R. E. Freeman, Assistant.....	E	2 580
95. G. B. Hardy, Assistant.....	E	2 580
96. J. S. Romine, Assistant.....	E	2 580
97. Charlotte Warren, Assistant.....	E	2 580
98. 16.67 Part-time Assistants.....	E	43 930
99. Nonacademic Salaries.....		12 330
<i>Total, Salaries</i>		(441 935)
Wages.....		8 000
<i>Total, Salaries and Wages</i>		(449 935)
<i>Expense and Equipment</i>		
Expense.....		4 500
Convention Travel.....		1 750
Equipment.....		1 500
<i>Total, Expense and Equipment</i>		(7 750)
<i>Total, English</i>		\$457 685

<i>Salaries and Wages</i>		Entomology	
1. W. P. Hayes, Professor and Head of Department.....	A	\$	8 600
2. C. W. Kearns, Professor.....	A		8 000
3. W. V. Balduf, Professor.....	A		7 100
4. G. S. Fraenkel, Professor.....	D		7 500
5. H. H. Ross, Professor.....	A		.....
(Salary paid by State Natural History Survey)			
6. G. C. Decker, Professor.....			.....
(Salary under Agriculture Administration)			
7. V. G. Milum, Associate Professor.....	A		5 870
8. W. R. Horsfall, Assistant Professor.....	B		5 300
9. 1.25 Part-time Assistants.....	E		3 225
10. Nonacademic Salaries.....			2 820
<i>Total, Salaries</i>			(48 415)
Wages.....			1 000
<i>Total, Salaries and Wages</i>			(49 415)
<i>Expense and Equipment</i>			
Expense.....			1 900
Convention Travel.....			300
Equipment.....			1 000
<i>Total, Expense and Equipment</i>			(3 200)
<i>Total, Entomology</i>		\$	52 615

<i>Salaries and Wages</i>		French	
1. J. F. Jackson, Professor and Head of Department.....	A	\$	9 200
2. D. H. Carnahan, Professor, <i>Emeritus</i> (From Retiring Allowances).....			(2 558)
3. C. A. Knudson, Professor.....	A		8 500
4. J. R. Smiley, Professor.....	A		7 740
5. C. C. Gullette, Associate Professor.....	A		6 200
6. P. E. Jacob, Associate Professor.....	A		6 100
7. Angelina R. Pietrangeli, Associate Professor.....	A50		2 750
(See Spanish and Italian).....		A50	(2 750)
(Total Salary).....			(5 500)
8. Philip Kolb, Associate Professor.....	A		5 250
(On leave with one-half pay 1951-1952)			
9. C. P. Viens, Assistant Professor.....	B		5 100
10. Mrs. Frances F. Sobotka, Assistant Professor of Russian...	B		4 600
11. F. W. Nachtmann, Instructor.....	D		(4 280)
(On leave without pay for military service)			
12. R. E. Hallowell, Instructor.....	D		4 050
13. B. H. Mainous, Instructor.....	D		4 050
14. G. M. Oudyn, Instructor.....	D		3 550
15. Cordelia Reed, Assistant.....	E		3 050
16. Mrs. Elaine F. Newkirk, Assistant.....	E		2 800
17. John Alexander, Assistant.....			.....
(On leave without pay until further notice; disability benefits payable by Retirement System)			
18. 5.00 Part-time Assistants.....	E		12 810
19. Nonacademic Salaries.....			2 250
<i>Total, Salaries</i>			(88 000)
<i>Expense and Equipment</i>			
Expense.....			1 000
Equipment.....			300
Convention Travel.....			475
<i>Total, Expense and Equipment</i>			(1 775)
<i>Total, French</i>		\$	89 775

<i>Salaries and Wages</i>		Geography	
1. J. A. Russell, Professor and Head of Department.....	A	\$	(9 700)
(On leave without pay for military service)			
2. W. O. Blanchard, Professor.....	A		7 100

3. J. L. Page, Professor.....	A	6 450
4. J. H. Garland, Professor.....	A	6 450
(On leave with pay Semester I, 1951-1952)		
5. F. W. Foster, Associate Professor.....	A	6 100
6. A. W. Booth, Associate Professor.....	A	6 000
Executive Secretary of the Department.....	D	500
(Total Salary).....		(6 500)
7. R. L. Carmin, Assistant Professor.....	B	5 380
8. J. D. Fellmann, Instructor.....	D	4 500
9. 5.50 Part-time Assistants.....	E	14 100
10. Nonacademic Salaries.....		2 850
Total, Salaries.....		(59 430)
Wages.....		1 500
Total, Salaries and Wages.....		(60 930)
<i>Expense and Equipment</i>		
Expense.....		2 000
Convention Travel.....		350
Equipment.....		1 600
Total, Expense and Equipment.....		(3 950)
Total, Geography.....		\$ 64 880

<i>Salaries and Wages</i>		Geology	
1. G. W. White, Professor and Head of Department.....	A	\$ 10 300	
2. F. W. DeWolf, Professor, <i>Emeritus</i>			
(Retiring allowance payable by Retirement System)			
3. R. E. Grim, Research Professor.....	A	9 150	
4. F. C. Foley, Research Professor.....			
(Salary under Graduate College)			
5. H. R. Wanless, Professor.....	A75	6 450	
(See Division of General Studies).....	A25	(2 150)	
(Total Salary).....		(8 600)	
6. H. W. Scott, Professor.....	A	7 750	
7. C. A. Chapman, Professor.....	A	7 750	
8. J. L. Hough, Professor.....	A	7 000	
9. J. V. Harrison, Visiting Professor.....	G	6 000	
(September 1, 1951, to June 30, 1952)			
10. A. F. Hagner, Associate Professor.....	A	6 670	
11. P. R. Shaffer, Associate Professor.....	A	6 400	
12. Bernhard Kummel, Associate Professor.....	A	6 000	
13. D. M. Henderson, Assistant Professor.....	B	4 730	
14. W. M. Merrill, Instructor.....	D	4 100	
15. 8.75 Part-time Assistants.....	E	21 980	
(\$700 transferred to Item 9 for 1951-1952 only)			
16. Nonacademic Salaries.....		7 710	
<i>Total, Salaries</i>		(111 990)	
Wages.....		1 500	
<i>Total, Salaries and Wages</i>		(113 490)	
<i>Expense and Equipment</i>			
Expense.....		13 915	
Convention Travel.....		500	
Equipment.....		10 000	
<i>Total, Expense and Equipment</i>		(24 415)	
<i>Total, Geology</i>		\$137 905	

German		
<i>Salaries and Wages</i>		
1. Helmut Rehder, Professor and Head of Department.....	A	\$ 10 300
2. D. W. Schumann, Professor.....	A	8 250
3. C. A. Williams, Professor, <i>Emeritus</i>		
(Retiring allowance payable by Retirement System)		
4. J. T. Geissendoerfer, Professor.....	A	6 900
5. E. A. Philippson, Professor.....	A	6 700

6. J. R. Frey, Associate Professor.....	A	6 490
(On leave with pay Semester I, 1951-1952)		
7. F. J. Nock, Associate Professor.....	A	5 800
8. Henri Stegemeier, Associate Professor.....	A	5 700
9. Daisy L. Blaisdell, Assistant Professor, <i>Emerita</i> (From Retiring Allowances).....		(1 330)
10. Mimi I. Jehle, Assistant Professor.....	B	5 350
11. F. G. Banta, Instructor.....	D	4 000
12. R. R. Brewster, Instructor.....	D	3 800
13. Pauline J. Steiner, Instructor.....	D	3 500
14. Max Dufner, Instructor.....	D	3 300
15. 5.50 Part-time Assistants.....	E	14 010
16. Nonacademic Salaries.....		2 580
<i>Total, Salaries</i>		(86 680)
Wages.....		300
<i>Total, Salaries and Wages</i>		(86 980)
<i>Expense and Equipment</i>		
Expense.....		900
Convention Travel.....		400
Equipment.....		400
<i>Total, Expense and Equipment</i>		(1 700)
<i>Total, German</i>		\$ 88 680

*Salaries and Wages***History**

1. F. C. Dietz, Professor and Head of Department.....	A	\$ 10 300
2. W. S. Robertson, Professor, <i>Emeritus</i> (From Retiring Allowances).....		(2 814)
3. J. G. Randall, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
4. P. V. B. Jones, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
5. F. A. Shannon, Professor.....	A	9 350
(On leave with pay Semester I, 1951-1952)		
6. J. W. Swain, Professor.....	A	8 550
7. R. P. Stearns, Professor.....	A	8 000
8. F. S. Rodkey, Professor.....	A	7 300
9. C. E. Nowell, Professor.....	A	6 950
10. R. C. Werner, Professor.....	A	6 850
11. R. G. Bone, Professor.....	A ₄₀	3 000
(See Division of General Studies).....	DY60	(5 600)
(Total Salary).....		(8 600)
12. A. E. Bestor, Professor.....	A	6 800
13. E. L. Erickson, Associate Professor.....	A	6 300
14. R. N. Current, Associate Professor.....	A	6 400
15. C. G. Starr, Associate Professor.....	A	6 270
16. K. W. Swart, Visiting Lecturer, with rank of Assistant Professor.....	G	5 270
(September 1, 1951, to June 30, 1952)		
17. F. B. Freidel, Jr., Assistant Professor.....	B	5 400
18. Louise B. Dunbar, Assistant Professor.....	B	5 300
19. J. B. Sirich, Assistant Professor.....	B	5 220
20. Mary L. Shay, Assistant Professor.....	B	5 200
21. Natalia M. Belting, Assistant Professor.....	B	4 550
22. Ameda R. King, Assistant Professor.....	B	4 410
23. R. M. Sutton, Assistant Professor.....	B67	2 867
(See Council on Teacher Education).....	D33	(1 433)
(Total Salary).....		(4 300)
24. N. F. Norman, Assistant Professor.....	B	4 200
25. C. E. Dawn, Instructor.....	D	(4 090)
(On leave without pay for military service)		
26. W. J. Bouwsma, Instructor.....	D	4 000
27. _____, Assistant.....	E	2 500

28. 4.75 Part-time Assistants.....	E	12 535
29. Nonacademic Salaries.....		2 700
<i>Total, Salaries</i>		(150 222)
Wages.....		1 000
<i>Total, Salaries and Wages</i>		(151 222)
<i>Expense and Equipment</i>		
Expense.....		1 200
Convention Travel.....		950
Equipment.....		550
<i>Total, Expense and Equipment</i>		(2 700)
<i>Total, History</i>		\$153 922

Mathematics

Salaries and Wages

1. S. S. Cairns, Professor and Head of Department.....	A	\$ 12 400
2. A. B. Coble, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. E. J. Townsend, Professor, <i>Emeritus</i> (From Retiring Allowances).....		(3 000)
4. Arnold Emch, Professor, <i>Emeritus</i> (From Retiring Allowances).....		(2 168)
5. R. D. Carmichael, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
6. J. L. Doob, Professor.....	A	11 000
7. W. G. Madow, Professor of Mathematical Statistics.....	A	9 900
8. W. J. Trjitzinsky, Professor.....	A	9 400
(On leave with pay Semester II, 1951-1952)		
9. H. R. Brahana, Professor.....	A	9 150
10. Reinhold Baer, Professor.....	A	9 000
11. D. G. Bourgin, Professor.....	A	9 000
12. Beno Eckman, Visiting Professor.....	G	(3 000)
(First Semester 1951-1952)		
(From Educational Nonrecurring)		
13. H. J. Miles, Professor.....	A50	3 750
Executive Secretary of Department.....	DY50	3 750
(Total Salary).....		(7 500)
14. P. W. Ketchum, Professor.....	A	7 000
15. M. M. Day, Professor.....	A	6 600
16. Harry Levy, Professor.....	A	6 400
17. A. H. Taub, Research Professor of Applied Mathematics... (Salary under Special Graduate Fund)		.....
18. J. P. Nash, Research Associate Professor of Applied Mathematics (Salary under Special Graduate Fund)		.....
19. H. W. Bailey, Professor..... (Salary under Chicago Undergraduate Division)		.....
20. G. E. Moore, Associate Professor..... (Salary under Administration)		.....
21. Olive C. Hazlett, Associate Professor..... (On leave without pay; until further notice; disability benefits payable by Retirement System)		.....
22. C. W. Mendel, Associate Professor.....	A	7 000
23. G. P. Hochschild, Associate Professor.....	A	6 100
(On leave without pay 1951-1952)		
24. J. W. Peters, Associate Professor.....	A	5 700
25. Herman Chernoff, Associate Professor of Mathematical Statistics (On leave without pay Semester I, 1951-1952)	A	5 300
26. H. E. Vaughan, Associate Professor.....	A	5 300
27. L. L. Steimley, Associate Professor.....	A	5 100
28. M. K. Fort, Jr., Assistant Professor.....	B	5 300
29. M. E. Munroe, Assistant Professor.....	B	5 300
(On leave with pay Semester I, 1951-1952)		

30. Lowell Schoenfeld, Assistant Professor.....	B	5 200
31. P. T. Bateman, Assistant Professor.....	B	5 100
32. C. R. Blyth, Assistant Professor.....	B	5 000
33. W. A. Ferguson, Assistant Professor.....	B	5 000
34. W. F. Atchison, Assistant Professor.....	B	4 900
35. F. E. Hohn, Assistant Professor.....	B	4 900
36. Harry Lass, Assistant Professor.....	B	4 900
37. B. E. Meserve, Assistant Professor.....	B	4 900
38. Josephine Mitchell, Assistant Professor.....	B	4 900
39. Irving Reiner, Assistant Professor.....	B	4 900
40. Beulah M. Armstrong, Assistant Professor.....	B	4 850
41. Josephine H. Chanler, Assistant Professor.....	B	4 850
42. Joseph Landin, Assistant Professor.....	B	4 850
43. Echo D. Pepper, Assistant Professor.....	B	4 850
44. E. J. Scott, Assistant Professor.....	B	4 800
45. R. E. Pingry, Assistant Professor.....	B33	1 550
(See Education).....	B42	(1 940)
(See Teacher Training Counseling on Teacher Educa- tion).....	D25	(1 160)
(Total Salary).....		(4 650)
46. O. K. Bower, Assistant Professor.....	B	4 550
47. V. A. Hoersch, Assistant Professor.....	B	4 550
48. Wilfrid Wilson, Assistant Professor.....	B	4 550
49. R. G. Langebartel, Assistant Professor.....	B75	3 375
(See Division of General Studies).....	B25	(1 125)
(Total Salary).....		(4 500)
50. D. J. Wheeler, Visiting Assistant Professor.....		.....
(Salary under Special Graduate Fund)		
51. Jewell E. Schubert, Instructor.....	D	4 300
52. Corinne Hattan, Instructor.....	D	4 100
53. Clarence Phillips, Instructor.....	D	3 800
54. 13.00 Part-time Assistants.....	E	34 902
55. Nonacademic Salaries.....		5 940
<i>Total, Salaries</i>		(287 967)
Wages.....		250
<i>Total, Salaries and Wages</i>		(288 217)
<i>Expense and Equipment</i>		
Expense.....		4 000
Convention Travel.....		2 000
<i>Total, Expense and Equipment</i>		(6 000)
<i>Total, Mathematics</i>		\$294 217

Cooperative Investigations*Salaries and Wages*

OFFICE OF NAVAL RESEARCH 07127

I. J. C. Koken, Research Assistant.....	DY	\$ 5 400
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Philosophy*Salaries and Wages*

1. D. W. Gotshalk, Professor.....	A)	\$ 9 700
Chairman of Department.....	B)	
2. M. T. McClure, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. M. H. Fisch, Professor.....	A	8 800
4. J. A. Nicholson, Professor.....	A	6 870
5. F. L. Will, Associate Professor.....	A	6 870
6. A. R. Turquette, Associate Professor.....	A	5 780
7. Casimir Lewy, Visiting Associate Professor.....	D	.....
(Salary under Special Graduate Fund)		
8. B. J. Diggs, Associate Professor.....	A	5 330
9. O. A. Kubitz, Assistant Professor.....	BY25	1 670
(See Administration).....	DY75	(5 130)
(Total Salary).....		(6 800)

10. H. M. Tiebout, Instructor.....	D	4 230
11. Leonard Linsky, Instructor.....	D	4 085
12. 2.50 Part-time Assistants.....	E	6 380
13. Nonacademic Salaries.....		2 100
<i>Total, Salaries</i>		(61 815)
<i>Expense and Equipment</i>		
Expense.....		1 000
Convention Travel.....		450
<i>Total, Expense and Equipment</i>		(1 450)
<i>Total, Philosophy</i>		\$ 63 265

<i>Salaries and Wages</i>			Physiology		
1. R. E. Johnson, Professor and Head of Department.....	A	\$ 10 800			
2. C. L. Prosser, Professor.....	A	8 100			
3. F. R. Steggerda, Professor.....	A	7 100			
4. K. J. Franklin, Visiting Professor.....	G	5 500			
(See Graduate College)		(3 500)			
(Total Salary).....		(9 000)			
(September 1, 1951, to June 30, 1952)					
5. H. Quastler, Associate Professor.....	A	(8 070)			
(From Control Systems Laboratory 1951-1952)					
6. A. B. Taylor, Associate Professor.....	A	5 730			
7. V. J. Wulff, Associate Professor.....	A	5 300			
8. Frederick Sargent, II, Assistant Professor.....	B	4 950			
9. W. P. Elhardt, Assistant Professor.....	B	4 380			
10. J. D. Anderson, Instructor.....	D	4 170			
11. G. C. Wickwire, Instructor.....	D	4 090			
12. S. G. Stolpe, Instructor.....	D	4 140			
13. Donald Beyer, Assistant.....	E	3 030			
14. P. B. Phinney, Assistant.....	E	2 640			
15. 6.00 Part-time Assistants.....	E	15 360			
16. Nonacademic Salaries.....		9 936			
<i>Total, Salaries</i>		(95 226)			
Wages.....		2 000			
<i>Total, Salaries and Wages</i>		(97 226)			
<i>Expense and Equipment</i>					
Expense.....		13 000			
Convention Travel.....		800			
Equipment.....		4 000			
<i>Total, Expense and Equipment</i>		(17 800)			
<i>Total, Physiology</i>		\$115 026			

Cooperative Investigations (Under the direction of the Graduate College)*Salaries and Wages***U. S. PUBLIC HEALTH SERVICE**

1. Mrs. Olga G. Nalbandov, Research Associate..... GY30 \$ 1 182
(March 1, 1951, to February 29, 1952)

*Salaries and Wages***Political Science**

- | | | |
|---|------|-----------|
| 1. C. M. Kneier, Professor..... | A} | \$ 10 800 |
| Chairman of Department..... | B} | |
| 2. C. A. Berdahl, Professor..... | A | 10 400 |
| 3. J. M. Mathews, Professor, <i>Emeritus</i>..... |  | ..... |
| (Retiring allowance payable by Retirement System) | | |
| 4. F. G. Wilson, Professor..... | A | 9 300 |
| 5. C. F. Snider, Professor..... | A | 7 150 |
| 6. Royden Dangerfield, Professor..... | AY40 | 4 300 |
| (See Institute of Government and Public Affairs)..... | DY60 | (6 450) |
| (Total Salary)..... | | (10 750) |
| 7. Valentine Jobst, III, Associate Professor..... | A | 6 350 |
| 8. C. B. Hagan, Associate Professor..... | A | 6 100 |

9. E. G. Lewis, Associate Professor.....	A	5 800
10. Phillip Monypenny, Assistant Professor.....	B	5 000
11. J. W. Peltason, Assistant Professor.....	B	4 800
12. George Manner, Assistant Professor.....	B	4 450
13. N. F. Garvey, Assistant Professor.....	DY25	1 100
(See Correspondence Courses).....	DY75	(5 000)
(Total Salary).....		(6 100)
14. J. M. Edelman, Assistant Professor.....	BY20 ¹	1 150
(See Institute of Labor and Industrial Relations).....	BY80	(4 700)
(Total Salary).....		(5 850)
15. J. A. Ranney, Assistant Professor.....	B	4 250
16. R. E. Scott, Assistant Professor.....	B	4 250
17. Thomas Page, Instructor.....	DY20	900
(See Institute of Government and Public Affairs).....	DY80	(3 500)
(Total Salary).....		(4 400)
18. .50 Part-time Assistants.....	E	1 510
19. Nonacademic Salaries.....		3 330
<i>Total, Salaries</i>		(90 940)
Wages.....		600
<i>Total, Salaries and Wages</i>		(91 540)
<i>Expense and Equipment</i>		
Expense.....		2 000
Convention Travel.....		650
<i>Total, Expense and Equipment</i>		(2 650)
<i>Total, Political Science</i>		\$ 94 190

*Salaries and Wages***Psychology**

1. L. H. Lanier, Professor and Head of Department.....	A	\$ 11 900
2. J. M. Hunt, Professor in Charge of Psychological Clinic..	A	10 000
3. Herbert Woodrow, Professor, <i>Emeritus</i> (Retiring allowance payable by Retirement System)		.....
4. L. L. McQuitty, Professor.....	AY72	6 200
(See Institute of Labor and Industrial Relations).....	AY28	(2 500)
(Total Salary).....		(8 700)
5. O. H. Mowrer, Research Professor.....		.....
(Salary under Special Graduate Fund)		.....
6. R. B. Cattell, Research Professor.....		.....
(Salary under Special Graduate Fund)		.....
7. C. M. Louttit, Professor.....		.....
(Salary under Provost's Office)		.....
8. P. T. Young, Professor.....	A	7 650
9. Ross Stagner, Professor.....	A67	5 100
(See Institute of Labor and Industrial Relations).....	A33	(2 550)
(Total Salary).....		(7 650)
10. W. E. Kappauf, Professor.....	A	7 500
11. G. D. Higginson, Professor.....	A	7 300
12. L. I. O'Kelly, Professor.....	A	7 200
13. A. C. Williams, Jr., Research Associate Professor.....	AY	8 500
14. C. E. Osgood, Associate Professor.....	AY41	2 925
(See Institute of Communications Research).....	AY41	(2 925)
(From Social Science Research Council).....	AY18	(1 200)
(Total Salary).....		(7 050)
15. T. W. Harrell, Associate Professor.....	A	6 700
16. R. M. Collier, Associate Professor.....	A83	5 300
17. W. G. McAllister, Associate Professor.....	A	5 650
18. A. L. Irion, Associate Professor.....	A	5 500
19. W. M. Gilbert, Associate Professor.....		.....
(Salary under Student Counseling Bureau)		.....
20. L. A. Hellmer, Associate Professor.....		.....
(Salary under Student Counseling Bureau)		.....

¹ Includes one-fourth time teaching during academic year.

21. T. N. Ewing, Associate Professor.....		.....
(Salary under Student Counseling Bureau)		
22. J. B. Cohen, Associate Professor.....	A	5 400
23. G. R. Grice, Associate Professor.....	A	5 800
24. R. P. Larsen, Assistant Professor.....		.....
(Salary under Student Counseling Bureau)		
25. Mrs. Alice K. Jonietz, Assistant Professor.....		.....
(Salary under Student Counseling Bureau)		
26. Gertrude L. Bates, Assistant Professor.....	DY35	2 320
(From U. S. Public Health Service).....	DY65	(3 880)
(Total Salary).....		(6 200)
27. R. Elizabeth Brown, Assistant Professor.....	B	5 330
28. G. J. Wischner, Assistant Professor.....	B	5 250
29. H. A. Grace, Assistant Professor.....	B	4 800
30. P. V. Marchetti, Assistant Professor.....	B	4 750
31. W. A. Gibson, Assistant Professor.....	B	4 700
32. D. S. Pomeroy, Assistant Professor.....	B	(4 840)
(On leave without pay for military service)		
33. S. S. Dubin, Assistant Professor.....	D	4 400
34. W. G. Matheny, Assistant Professor.....	DY20	1 210
(From Air Force 13882).....	DY80	(5 290)
(Total Salary).....		(6 500)
35. Kathryn G. Hansen, Instructor.....		.....
(Salary under Nonacademic Personnel)		
36. L. M. Gustafson, Assistant.....	E	2 580
37. J. D. Lyons, Assistant.....	E	2 580
38. 8.67 Part-time Assistants.....	E	21 250
39. .67 Part-time Interns.....	E	1 600
40. Nonacademic Salaries.....		14 105
Total, Salaries.....		(183 500)
Wages (including Aviation Psychology).....		2 000
Total, Salaries and Wages.....		(185 500)
Expense and Equipment		
Expense.....		7 500
Convention Travel.....		1 300
Equipment.....		5 000
Total, Expense and Equipment.....		(13 800)
Total, Psychology.....		\$199 300

Cooperative Investigations (Under the direction of the Graduate College)

Salaries and Wages

AIR FORCE 13882

1. Dora J. Dougherty, Research Assistant.....	DY	\$ 4 600
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OFFICE OF NAVAL RESEARCH TASK 16

2. S. N. Roscoe, Research Associate.....	DY	6 500
3. Beatrice E. Johnson, Research Assistant.....	DY	4 500
4. T. A. Payne, Research Assistant.....	DY	4 200
5. M. J. Schwetz, Research Assistant.....	DY	4 200

USPHS MHS-17-C

6. R. G. Stewart, Research Associate.....	GY	5 000
(One year from July 1, 1951)		
7. Gail Phenev, Research Assistant.....	GY	3 840
(One year from July 1, 1951)		
8. T. C. Rowan, Research Assistant.....	GY	3 440
(One year from July 1, 1951)		
9. P. W. Wenig, Research Assistant.....	GY	3 440
(One year from July 1, 1951)		
10. Mrs. Joan Welkowitz, Research Assistant.....	GY	3 440
(One year from July 1, 1951)		

AIR FORCE 25726

11. M. C. Payne, Research Associate.....	GY	4 800
(One year from July 16, 1951)		
12. Paul Bakan, Research Assistant.....	GY	4 200
(One year from July 1, 1951)		
13. C. L. Baldwin, Research Assistant.....	GY	3 600
(One year from July 1, 1951)		
14. C. N. Cherry, Research Assistant.....	GY	3 600
(One year from July 1, 1951)		
15. K. Patricia Cross, Research Assistant.....	GY	3 600
(One year from July 1, 1951)		
16. W. A. Cleven, Research Assistant.....	GY	3 346
(One year from July 1, 1951)		

DIVIDED POSITION

17. S. G. Hasler, Research Assistant.....	GY	4 600
(50% ONR TO16; 50% AF 13882)		

Salaries and Wages**Sociology and Anthropology**

1. J. W. Albig, Professor.....	A }	\$ 9 700
Chairman of Department.....	B }	
(See Institute of Communications Research)		
2. E. T. Hiller, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. F. W. Znaniecki, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
4. D. R. Taft, Professor.....	A	7 700
5. D. E. Lindstrom, Professor of Rural Sociology.....		.....
(Salary under Agricultural Economics)		
6. B. F. Timmons, Associate Professor.....	A	6 700
7. E. H. Shideler, Associate Professor.....	A	6 500
8. J. C. McGregor, Associate Professor of Anthropology....	A	6 400
9. Oscar Lewis, Associate Professor of Anthropology.....	A	6 400
10. Robert Dubin, Associate Professor.....	A50	3 200
(See Business Organization and Operation).....	A50	(3 200)
(Total Salary).....		(6 400)
11. J. E. Hulett, Jr., Associate Professor.....	A	6 400
12. J. E. Bachelder, Associate Professor.....	AY50	3 750
(See Institute of Communications Research).....	AY50	(3 750)
(Total Salary).....		(7 500)
13. R. H. Bierstedt, Associate Professor.....	A	5 900
14. R. S. Dewey, Associate Professor.....	A	5 700
15. E. A. Ahrens, Assistant Professor.....	B	5 200
16. R. W. Janes, Assistant Professor.....	B	5 000
17. D. E. Wray, Assistant Professor.....	BY40 ¹	2 260
(See Institute of Labor and Industrial Relations).....	BY60	(3 390)
(Total Salary).....		(5 650)
18. Mrs. Margaret K. Chandler, Assistant Professor.....	BY20 ²	1 110
(See Institute of Labor and Industrial Relations).....	BY80	(4 440)
(Total Salary).....		(5 550)
19. C. L. Folse, Assistant Professor of Rural Sociology.....		.....
(Salary under Agricultural Economics)		
20. B. E. Munson, Research Associate.....		.....
(Salary under Small Homes Council)		
21. T. C. Esselstyn, Instructor.....	D	4 200
22. Ruth A. Hudson, Instructor.....	DY20 ²	900
(See Institute of Labor and Industrial Relations).....	DY80	(3 600)
(Total Salary).....		(4 500)
23. Max Kaplan, Instructor.....	D50	2 000
(See School of Music).....	D50	(2 000)
(Total Salary).....		(4 000)

¹ Includes one-half time teaching during academic year.² Includes one-fourth time teaching during academic year.

24. 4.50 Part-time Assistants.....	E	13 725
25. Nonacademic Salaries.....		4 730
<i>Total, Salaries</i>		(107 475)
Wages.....		600
<i>Total, Salaries and Wages</i>		(108 075)
<i>Expense and Equipment</i>		
Expense.....		1 000
Convention Travel.....		700
<i>Total, Expense and Equipment</i>		(1 700)
<i>Total, Sociology and Anthropology</i>		\$109 775

Spanish and Italian*Salaries and Wages*

1. John Van Horne, Professor and Head of Department.....	A	\$ 9 700
2. Arthur Hamilton, Professor.....	A50	4 120
(See Dean of Students).....	DY50	(5 030)
(Total Salary).....		(9 150)
3. H. R. Kahane, Professor.....	A	7 100
4. R. P. Oliver, Associate Professor.....	A50	3 050
(See Classics).....	A50	(3 050)
(Total Salary).....		(6 100)
5. Angelina R. Pietrangeli, Associate Professor.....	A50	2 750
(See French).....	A50	(2 750)
(Total Salary).....		(5 500)
6. J. H. D. Allen, Associate Professor.....	A	5 300
7. J. S. Flores, Assistant Professor.....	B85	4 505
(See Council on Teacher Education).....	D15	(795)
(Total Salary).....		(5 300)
8. Mrs. Albertine W. Osgood, Assistant Professor.....	B75	3 225
(See Student Counseling Bureau).....	D25	(1 075)
(Total Salary).....		(4 300)
9. S. L. Murphy, Instructor.....	D	3 900
10. H. P. Reeves, Instructor.....	D	3 900
11. _____, Instructor.....	D	3 600
12. _____, Instructor.....	D	3 500
13. Mrs. Ruth C. Fosnaugh, Assistant.....	E	3 500
14. 11.00 Part-time Assistants.....	E	32 010
15. Nonacademic Salaries.....		2 220
<i>Total, Salaries</i>		(92 380)

Expense and Equipment

Expense.....		1 200
Convention Travel.....		350
Equipment.....		600
<i>Total, Expense and Equipment</i>		(2 150)
<i>Total, Spanish and Italian</i>		\$ 94 530

Speech*Salaries and Wages*

1. K. R. Wallace, Professor and Head of Department.....	A	\$ 9 680
2. Grant Fairbanks, Professor.....	AY	10 750
3. B. W. Hewitt, Professor.....	A	7 700
4. W. M. Parrish, Professor.....	A	6 800
5. H. O. Kubly, Associate Professor.....	A	5 910
(On leave without pay Semester I, 1951-1952)		
6. E. T. Curry, Associate Professor.....	A	6 600
7. J. W. Swanson, Associate Professor and Supervisor of Dramatic Productions.....	A	6 240
8. Richard Murphy, Associate Professor.....	A	6 200
(On leave with pay Semester II, 1951-1952)		
9. Severina E. Nelson, Professor and Director of the Speech Clinic.....	A80	5 160
(See Council on Teacher Education).....	D20	(1 290)
(Total Salary).....		(6 450)

10. K. A. Windesheim, Associate Professor.....	A85	4 845
(See Council on Teacher Education).....	D15	(855)
(Total Salary).....		(5 700)
11. L. S. Hultzén, Associate Professor.....	A40	2 260
(See Division of General Studies).....	A60	(3 390)
(Total Salary).....		(5 650)
12. J. C. Kelly, Associate Professor.....	A	5 700
13. C. B. Owens, Assistant Professor.....	B	5 160
14. O. A. Dieter, Associate Professor.....	A	5 400
15. Marie Hochmuth, Associate Professor.....	A	5 100
16. H. L. Mueller, Assistant Professor.....	B	4 740
17. H. E. Gulley, Assistant Professor.....	B60	2 950
(See Division of General Studies).....	B40	(1 965)
(Total Salary).....		(4 915)
18. Joseph Scott, Assistant Professor.....	B	5 100
19. _____, Assistant Professor.....	B	4 550
20. Mrs. Marie O. Shere, Instructor.....	D	4 250
21. Ida Levinson, Instructor.....	D	4 020
22. Mrs. Naomi Hunter, Instructor.....	D	3 910
23. Patricia McIlrath, Instructor.....	D	4 200
24. _____, Instructor.....	D	3 000
25. Kenneth Burns, Instructor.....	D58	2 424
(See Education).....	D42	(1 756)
(Total Salary).....		(4 180)
26. L. W. Olson, Instructor.....	D	3 900
27. Mary Arbenz, Instructor.....	D	4 000
28. R. E. Nadeau, Instructor.....	D	4 100
29. Clara M. Behringer, Instructor.....	D	3 700
30. I. R. Merrill, Instructor.....	D50	1 760
31. Charlotte Keck, Assistant.....	E50	1 500
(See Education).....	E50	(1 500)
(Total Salary).....		(3 000)
32. Ned Donahoe, Assistant.....	E	3 500
33. Genevieve Richardson, Assistant.....	E	3 300
34. _____, Assistant.....	E	2 400
35. _____, Assistant.....	E	2 400
36. 6.50 Part-time Assistants.....	E	17 035
37. Nonacademic Salaries.....		14 880
<i>Total, Salaries</i>		(195 124)
Wages.....		1 300
<i>Total, Salaries and Wages</i>		(196 424)
<i>Expense and Equipment</i>		
Expense.....		6 100
Convention Travel.....		950
Equipment.....		1 000
<i>Total, Expense and Equipment</i>		(8 050)
<i>Total, Speech</i>		\$204 474
Speech Revolving (Entire budget from receipts)		
<i>Expense and Equipment</i>		
Expense.....		\$ 1 600
<i>Total, Speech Revolving</i>		\$ 1 600

Salaries and Wages**Zoology**

1. F. B. Adamstone, Professor and Head of Department....	A	\$ 9 200
2. C. G. Hartman, Professor of Zoology and Physiology, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		.....
3. V. E. Shelford, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		.....
4. L. A. Adams, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		.....

5. H. J. Van Cleave, Research Professor.....	A	9 500
6. R. R. Kudo, Professor.....	A	8 800
(On leave with pay Semester I, 1951-1952)		
7. L. J. Thomas, Professor.....	A	7 400
8. S. C. Kendeigh, Professor.....	A	7 400
9. S. M. Rose, Associate Professor.....	A	6 500
10. B. V. Hall, Associate Professor.....	A	5 500
11. Lester Ingle, Associate Professor.....	A	6 000
12. W. M. Luce, Associate Professor.....	A	5 800
13. H. M. Smith, Associate Professor.....	A	6 000
14. O. E. Kugler, Associate Professor.....	A	....
(Salary under Division of General Studies)		
15. H. I. Fisher, Associate Professor.....	A	6 100
16. D. F. Hoffmeister, Assistant Professor.....		....
(Salary under Natural History Museum)		
17. H. H. Shoemaker, Assistant Professor.....	B	5 000
18. M. R. Matteson, Assistant Professor.....	B	5 000
19. C. C. Clark, Assistant Professor.....	B	4 800
20. J. B. Kitzmiller, Assistant Professor.....	B	4 600
21. F. J. Kruidenier, Instructor.....	D	4 400
22. P. F. Doolin, Research Assistant.....	E	2 600
23. Marion L. Birkner, Histological Technician.....	E	3 050
24. C. A. McLaughlin, Scientific Artist.....	E	3 000
25. 10.00 Part-time Assistants.....	E	26 314
26. Nonacademic Salaries.....		17 199
<i>Total, Salaries.....</i>		(154 163)
Wages.....		2 500
<i>Total, Salaries and Wages.....</i>		(156 663)
<i>Expense and Equipment</i>		
Expense.....		19 000
Convention Travel.....		750
Equipment.....		6 500
<i>Total, Expense and Equipment.....</i>		(26 250)
<i>Total, Zoology.....</i>		\$182 913

Classical Museum

<i>Salaries and Wages</i>		
1. J. L. Heller, Curator.....		....
(Salary under Classics)		
Wages.....		\$ 1 000
<i>Total, Salaries and Wages.....</i>		(1 000)
<i>Expense and Equipment</i>		
Expense.....		300
Equipment.....		200
<i>Total, Expense and Equipment.....</i>		(500)
<i>Total, Classical Museum.....</i>		\$ 1 500

Museum of European Culture

<i>Salaries and Wages</i>		
1. Mrs. Florence Fletcher, Curator.....	D50	\$ 2 500
Wages.....		260
<i>Total, Salaries and Wages.....</i>		(2 760)
<i>Expense and Equipment</i>		
Expense.....		150
Equipment.....		450
<i>Total, Expense and Equipment.....</i>		(600)
<i>Total, Museum of European Culture.....</i>		\$ 3 360

Museum of Natural History

<i>Salaries and Wages</i>		
1. D. F. Hoffmeister, Curator.....	BY	\$ 6 000
Assistant Professor of Zoology		
2. Nonacademic Salaries.....		1 110
<i>Total, Salaries.....</i>		(7 110)

Wages.....	I 600
<i>Total, Salaries and Wages</i>	(8 710)
<i>Expense and Equipment</i>	
Expense.....	3 000
Convention Travel.....	50
Equipment.....	2 400
<i>Total, Expense and Equipment</i>	(5 450)
<i>Total, Museum of Natural History</i>	\$ 14 160

COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION

	Summary	Salaries and Wages	Other Expense	Total
<i>College</i>				
Administration.....	\$43 990	\$ 6 500	\$50 490	
Farm and Home Week.....		3 500	3 500	
Vocational Agriculture.....	30 350	4 000	34 350	
Agricultural Economics.....	57 685	1 250	58 935	
Agricultural Engineering.....	51 176	5 000	56 176	
Agonomy.....	71 046	5 125	76 171	
Animal Science.....	109 265	52 400	161 665	
Dairy Science.....	97 775	49 400	147 175	
Food Technology.....	33 435	10 000	43 435	
Forestry.....	15 745	3 500	19 245	
Home Economics.....	149 655	21 250	170 905	
Horticulture.....	98 840	10 500	109 340	
<i>Sub-total</i>	(758 962)	(172 425)	(931 387)	
Organized Activities Relating to College (self-supporting)				
Dairy Creamery.....	25 070	64 930	90 000	
Home Economics Cafeteria.....	8 215	13 800	22 015	
<i>Total, Self-Supporting</i>	(33 285)	(78 730)	(112 015)	
<i>Total, College</i>	(792 247)	(251 155)	(1 043 402)	
<i>Station</i>				
Administration.....	62 175	22 500	84 675	
Dixon Springs Experiment Station.....	86 952	61 500	148 452	
Agricultural Economics.....	105 400	13 700	119 100	
Agricultural Engineering.....	59 146	5 000	64 146	
Agonomy.....	280 837	66 500	347 337	
Animal Science.....	208 015	101 600	309 615	
Dairy Science.....	160 920	49 600	210 520	
Food Technology.....	69 715	15 100	84 815	
Forestry.....	23 290	5 675	28 965	
Home Economics.....	17 845	5 250	23 095	
Horticulture.....	200 280	27 500	227 780	
Veterinary Research.....	44 892	26 800	71 692	
<i>Sub-total</i>	(1 319 467)	(400 725)	(1 720 192)	
Organized Activities Relating to Station (self-supporting)				
Agriculture Research Revolving.....		25 000	25 000	
Farm Account Revolving.....	13 820	3 180	17 000	
Central Illinois Seed Increase Revolving..		22 000	22 000	
Corn Testing Revolving.....		500	500	
Northern Illinois Experiment Field Revolving.....		5 000	5 000	
Soil Testing Revolving.....	4 000	2 500	6 500	
Dairy Products Revolving.....	9 305	10 000	19 305	
Official Test Revolving.....	23 960	12 050	36 010	
<i>Total, Self-Supporting</i>	(51 085)	(80 230)	(131 315)	

<i>Station</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Adams Fund.....	15 000	.....	15 000
Bankhead-Jones Fund.....	94 491	5 000	99 491
Hatch Fund.....	15 000	.....	15 000
Purnell Fund.....	52 000	8 000	60 000
Regional Research Fund.....	3 320	14 000	17 320
Research and Marketing Fund.....	90 197	15 000	105 197
<i>Total, Federal</i>	(270 008)	(42 000)	(312 008)
<i>Total, Station</i>	(1 640 560)	(522 955)	(2 163 515)
<i>Extension</i>			
Farm and Home Advisers.....	444 684	.....	444 684
State Agricultural Extension.....	286 405	30 000	316 405
<i>Sub-total</i>	(731 089)	(30 000)	(761 089)
Additional Cooperative Fund.....	9 400	1 337	10 737
Bankhead-Flannagan Fund.....	341 948	33 000	374 948
Capper-Ketcham Fund.....	36 480	1 476	37 956
Research and Marketing Extension Fund...	6 400	8 720	15 120
Smith-Lever Fund (including Bankhead- Jones).....	407 327	122 000	529 327
<i>Total, Federal</i>	(801 555)	(166 533)	(968 088)
<i>Total, Extension</i>	(1 532 644)	(196 533)	(1 729 177)
<i>Grand Total</i>	\$3 965 451	\$970 643	\$4 936 094

Resources for Budget

	<i>University and Federal Funds</i>	<i>Estimated Income from Sales¹</i>
<i>College</i>		
Administration.....	\$50 490	.....
Farm and Home Week.....	3 500	.....
Vocational Agriculture Service.....	34 350	.....
Agricultural Engineering.....	56 176	.....
Agricultural Economics.....	58 935	.....
Agronomy.....	76 171	.....
Animal Science.....	139 165	\$22 500
Dairy Science.....	127 175	20 000
Food Technology.....	43 435	.....
Forestry.....	19 245	.....
Home Economics.....	170 905	.....
Horticulture.....	105 340	4 000
<i>Sub-total</i>	(884 887)	(46 500)
<i>Organized Activities Relating to College (self- supporting)</i>		
Dairy Creamery.....	.....	90 000
Home Economics Cafeteria.....	.....	22 015
<i>Total, Self-Supporting</i>.....	.....	(112 015)
<i>Total, College</i>	(884 887)	(158 515)
<i>Station</i>		
Administration.....	84 675	.....
Dixon Springs Experiment Station.....	103 452	45 000
Agricultural Economics.....	119 100	.....
Agricultural Engineering.....	64 146	.....
Agronomy.....	329 837	17 500
Animal Science.....	229 615	80 000
Dairy Science.....	185 520	25 000
Food Technology.....	84 815	.....
Forestry.....	28 965	.....
Home Economics.....	23 095	.....
Horticulture.....	223 780	4 000
Veterinary Research.....	69 692	2 000
<i>Sub-total</i>	(1 546 692)	(173 500)

¹ Expenditures may not exceed actual receipts if less than estimate.

<i>Station</i>	<i>University and Federal Funds</i>	<i>Estimated Income from Sales¹</i>
Organized Activities Relating to Station (self-supporting)		
Agricultural Research Revolving	25 000	
Farm Account Revolving	17 000	
Central Illinois Seed Increase Revolving	22 000	
Corn Testing Revolving	500	
Dairy Products Revolving	19 305	
Soil Testing Revolving	6 500	
Northern Illinois Experiment Field Revolving	5 000	
Official Test Revolving	36 010	
<i>Total, Self-Supporting</i>		(131 315)
Adams Fund	15 000	
Bankhead-Jones Fund	99 491	
Hatch Fund	15 000	
Purnell Fund	60 000	
Regional Research Fund	17 320	
Research and Marketing Fund	105 197	
<i>Total, Federal Research</i>	(312 008)	
<i>Total, Station</i>	(1 858 700)	(304 815)
<i>Extension</i>		
Farm and Home Advisers	444 684	
State Agricultural Extension	316 405	
<i>Sub-total</i>	(761 089)	
Additional Cooperative Fund	10 737	
Bankhead-Flannagan Fund	374 948	
Capper-Ketcham Fund	37 956	
Research and Marketing Extension	15 120	
Smith-Lever Fund (including Bankhead-Jones)	529 327	
<i>Total, Federal</i>	(968 088)	
<i>Total, Extension</i>	(1 729 177)	
<i>Grand Total</i>	\$4 472 764	\$463 330

Summary Fund Statement — Appropriations

	<i>College</i>	<i>Station</i>	<i>Extension</i>	<i>Total</i>
General University Funds	\$884 887	\$1 546 692	\$761 089	\$3 192 668
Estimated Income from Sales Reserved for Departmental Use	46 500	173 500	.....	220 000 ²
<i>Total, Appropriations to Departments</i>	(931 387)	(1 720 192)	(761 089)	(3 412 668)
Self-Supporting Accounts	112 015	131 315	.....	243 330
Federal Funds .....	.....	312 008	968 088	1 280 096
<i>Total</i>	\$1 043 402	\$2 163 515	\$1 729 177	\$4 936 094

Expendable Gift and Endowment Funds

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Instruction (Endowment Income)			
Estimated new projects and renewals		\$ 100	\$ 100
Organized Research (Gifts)			
Estimated new projects and renewals	\$100 000	25 000	125 000
<i>Total</i>	(100 000)	(25 100)	(125 100)

United States Government Contracts and Indirect Costs Recovered

Organized Research

Estimated new projects and renewals	25 000	10 000	35 000
<i>Total</i>	(25 000)	(10 000)	(35 000)
<i>Total, Trust Funds</i>	\$125 000	\$35 100	\$160 100

¹ Expenditures may not exceed actual receipts if less than estimate.

² Agricultural Income realized over estimate and reserved for the use of the College of Agriculture may be assigned, upon recommendation of the Dean of the College of Agriculture, to the department earning such income in a total amount not exceeding \$10,000 in any one fiscal year or \$1,000 for any one item. If income of \$220,000 is not realized, appropriations to departments will be reduced accordingly.

Note: The distribution between college (C) and station (S) from state funds in the following budgets is based upon the estimated amount of time to be devoted to each activity during the full twelve-month period and does not restrict the amount of teaching in any semester or for the year as a whole to the percentage of time shown for college.

Explanations of Symbols in Titles:

C = College; S = Station; E = Extension

<i>Salaries and Wages</i>		Administration	
1. H. P. Rusk, Dean of College of Agriculture.....	C-BY34	\$ 5 325	
Director of Agricultural Experiment Station.....	S-BY34	5 325	
Director of Extension Service in Agriculture and Home Economics.....		.....
Professor, Cattle Husbandry.....	C-AY	.....
(See Smith-Lever Fund).....	E-BY32	(5 300)	
(Total Salary).....		(15 950)	
2. J. C. Blair, Dean and Professor, Horticulture, <i>Emeritus</i> (From Retiring Allowances).....		(3 662)	
3. R. R. Hudelson, Associate Dean.....	C-BY		
Professor, Agricultural Economics.....	C-AY	12 000	
4. F. H. Rankin, Assistant Dean, <i>Emeritus</i> (From Retiring Allowances).....		(2 476)	
5. J. C. Spittler, Associate Director and Professor, <i>Emeritus</i> (Retiring allowance payable by Retirement System)		.....
6. W. G. Kammlade, Associate Director (E); State Leader of Farm Advisers (E); Professor, Animal Science and Agricultural Extension.....	C-AY15	1 700	
(See Smith-Lever Fund).....	E-BY85	(9 600)	
(Total Salary).....		(11 300)	
7. W. E. Carroll, Associate Director and Professor, Animal Science, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)			
8. L. B. Howard, Associate Director.....	S-BY50	7 000	
(See Food Technology).....	AY50	(7 000)	
(Total Salary).....		(14 000)	
9. H. W. Bean, Assistant Dean (C).....	C-BY22	1 750	
Assistant Director (S,E).....	S-BY39	3 000	
Associate Professor, Animal Science.....	C-AY	.....
(See State Agricultural Extension).....	E-BY39	(3 000)	
(Total Salary).....		(7 750)	
10. C. D. Smith, Assistant Dean, with rank of Assistant Professor.....	C-BY	7 000	
11. H. W. Norton, Professor, Agricultural Statistics.....	{C-AY25	2 150	
(Total Salary).....	{S-AY75	6 450	
		(8 600)	
12. G. C. Decker, Entomologist.....	S-AY17	1 650	
Professor, Entomology.....	C-AY	.....
(From State Natural History Survey).....	DY83	(7 830)	
(Total Salary).....		(9 480)	
13. Anna C. Glover, Editor of Publications, with rank of Associate Professor (S,E).....	S-AY75	5 450	
(See Hatch Fund).....	S-AY25	(1 800)	
(Total Salary).....		(7 250)	
14. Hadley Read, Extension Editor and Assistant Professor, Agricultural Extension.....	C-BY26	1 800	
(See State Agricultural Extension).....	E-BY46	(3 200)	
(See Smith-Lever Fund).....	E-BY28	(2 000)	
(Total Salary).....		(7 000)	
15. A. W. Janes, Assistant Editor of Publications, with rank of Assistant Professor.....	S-BY50	2 925	
(See Hatch Fund).....	S-BY50	(2 925)	
(Total Salary).....		(5 850)	

16. Berenice A. Zander, Assistant Editor of Publications, with rank of Instructor.....	S-DY	4 050
17. Margaret P. McGlothlin, Assistant Editor of Publica- tions, with rank of Instructor.....	S-DY50	(2 300)
(See Hatch Fund).....		11 265
18. Nonacademic Salaries, College.....		24 825
Nonacademic Salaries, Station.....		(36 090)
(Total, Nonacademic Salaries).....		(42 990)
Total, Salaries, College.....		(60 675)
Total, Salaries, Station.....		(103 665)
Total, Salaries.....		1 000
Wages, College.....		1 500
Wages, Station.....		(2 500)
Total, Wages.....		(43 990)
Total, Salaries and Wages, College.....		(62 175)
Total, Salaries and Wages, Station.....		(106 165)
Total, Salaries and Wages.....		
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		4 000
Equipment.....		1 000
Contingent.....		1 500
Total, College.....		(6 500)
STATION		
Expense.....		19 000
Equipment.....		1 000
Contingent.....		2 500
Total, Station.....		(22 500)
Total, Expense and Equipment.....		(29 000)
Total, Administration, College.....		\$(50 490)
Total, Administration, Station.....		\$(84 675)
Total, Administration.....		\$135 165
Farm and Home Week		
<i>Expense and Equipment</i>		
Expense.....		\$ 3 500
Total, Farm and Home Week.....		\$ 3 500
Agricultural Research Revolving (Entire budget from receipts)		
<i>Expense and Equipment</i>		
Expense.....		\$ 25 000
Total, Agricultural Research Revolving.....		\$ 25 000
Vocational Agriculture		
<i>Salaries and Wages</i>		
1. Melvin Henderson, Associate Professor.....	C-AY	\$ 7 700
2. H. J. Rucker, Assistant Professor.....	C-BY	6 000
3. W. H. Witt, Assistant Professor.....	C-BY	6 000
4. W. D. Buddemeier, Assistant Professor, Farm Manage- ment.....	C-BY50	3 100
(See Agricultural Economics).....	C-BY50	(3 100)
(Total Salary).....		(6 200)
(On leave with pay from September 1, 1951, to February 29, 1952)		
5. J. W. Matthews, Instructor.....	C-DY65	3 770
(See Agricultural Engineering).....	C-DY35	(2 030)
(Total Salary).....		(5 800)
6. Nonacademic Salaries.....		3 480
Total, Salaries.....		(30 050)
Wages.....		300
Total, Salaries and Wages.....		(30 350)

Expense and Equipment

Expense.....	4 000
<i>Total, Vocational Agriculture.....</i>	<i>\$ 34 350</i>

Dixon Springs Experiment Station*Salaries and Wages*

1. R. J. Webb, Superintendent; Professor of Agricultural Extension and Research.....	S-AY35	\$ 2 895 ¹
(See Bankhead-Jones Fund).....	S-AY35	(2 880)
(See State Agricultural Extension).....	E-AY30	(2 475)
(Total Salary).....		(8 250) ¹
2. W. R. Boggess, Associate Professor, Forestry.....	S-AY33	2 230 ¹
(See Forestry).....	S-AY67	(4 470)
(Total Salary).....		(6 700) ¹
3. M. E. Mansfield, Assistant Professor.....	S-BY15	967
(See Veterinary Research).....		
4. J. M. Lewis, Assistant Superintendent; Assistant Professor, Agricultural Research.....	S-BY	5 800 ¹
5. G. E. McKibben, Assistant Professor, Agricultural Research and Extension.....	S-BY75	4 575 ²
(See State Agricultural Extension).....	E-BY25	(1 525)
(Total Salary).....		(6 100) ²
6. L. E. Gard, Assistant Professor, Agricultural Research..	S-DY	5 250 ¹
7. G. F. Cmarik, First Assistant, Agricultural Research...	S-DY	4 700
8. H. A. Cate, First Assistant, Agricultural Research and Extension.....	S-DY25	1 175
(See State Agricultural Extension).....	E-DY75	(3 525)
(Total Salary).....		(4 700)
9. Nonacademic Salaries.....		55 860
<i>Total, Salaries.....</i>		<i>(83 452)</i>
Wages.....		3 500
<i>Total, Salaries and Wages.....</i>		<i>(86 952)</i>

Expense and Equipment

Expense.....	46 000
Equipment.....	15 500
<i>Total, Expense and Equipment.....</i>	<i>(61 500)</i>
<i>Total, Dixon Springs Experiment Station.....</i>	<i>\$148 452</i>

Agricultural Economics*Salaries and Wages*

1. H. C. M. Case, Professor and Head of Department....	{ C-A50	\$ 4 840
(Total Salary).....	{ S-AY50	5 910
2. R. R. Hudelson, Professor.....		(10 750)
(Salary under Administration).....		.....
3. J. W. Lloyd, Professor, Fruit and Vegetable Marketing, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		.....
4. C. L. Stewart, Professor.....	{ C-AY65	5 850
(Total Salary).....	{ S-AY35	3 150
		(9 000)
5. L. J. Norton, Professor.....	{ C-AY50	5 150
(See Agronomy).....	{ S-AY50	5 150
(Total Salary).....		(10 300)
6. R. C. Ashby, Professor, Livestock Marketing, <i>Emeritus</i>..		.....
(Retiring Allowance payable by Retirement System)		.....
7. M. L. Mosher, Professor, Farm Management, <i>Emeritus</i>..		.....
(Retiring allowance payable by Retirement System)		.....

¹ With perquisites valued at \$300, for the convenience of the employee.² With perquisites valued at \$120, for the convenience of the employee.

8. E. J. Working, Professor.....	{ C-A50 S-A25	4 050 2 025
(See Purnell Fund).....	S-A25	(2 025)
(Total Salary).....		(8 100)
9. P. E. Johnston, Professor.....	{ C-A50 S-A50	3 950 3 950
(Total Salary).....		(7 900)
10. G. L. Jordan, Professor.....	{ C-A35 S-A65	2 765 5 135
(Total Salary).....		(7 900)
11. R. C. Ross, Professor.....	{ C-A50 S-AY50	3 555 4 345
(Total Salary).....		(7 900)
12. R. W. Bartlett, Professor.....	{ C-AY20 S-AY80	1 640 6 560
(See Dairy Science).....		.....
(Total Salary).....		(8 200)
13. D. E. Lindstrom, Professor, Rural Sociology.....	{ C-A50 S-AY50	3 400 4 200
(See Sociology and Anthropology).....		.....
(Total Salary).....		(7 600)
14. J. B. Andrews, Professor, Farm Management		
(From Trust: Farm Management).....	S-AY50	(4 000)
(See State Agricultural Extension).....	E-AY50	(4 000)
(Total Salary).....		(8 000)
15. H. W. Hannah, Professor, Agricultural Law.....	{ C-A50 S-A50	3 850 3 850
(Total Salary).....		(7 700)
16. R. H. Wilcox, Associate Professor, Farm Management...	S-AY50	3 450
(See Purnell Fund).....	S-AY50	(3 450)
(Total Salary).....		(6 900)
17. J. B. Cunningham, Associate Professor, Farm Manage- ment		
(See Smith-Lever Fund).....	E-AY	(7 000)
18. J. E. Wills, Associate Professor, Farm Management....	{ C-AY20 S-AY50	1 580 3 950
(See State Agricultural Extension).....	E-AY30	(2 370)
(Total Salary).....		(7 900)
19. E. H. Regnier, Associate Professor, Rural Recreation...	C-AY25	1 925
(See Smith-Lever Fund).....	E-AY75	(5 775)
(Total Salary).....		(7 700)
20. L. F. Stice, Associate Professor, Marketing		
(See State Agricultural Extension).....	E-AY45	(3 330)
(See Smith-Lever Fund).....	E-AY30	(2 220)
(See Research and Marketing Extension Fund)....	E-AY25	(1 850)
(Total Salary).....		(7 400)
21. L. H. Simerl, Associate Professor		
(See Bankhead-Flannagan Fund).....	E-AY	(7 400)
22. R. J. Mutti, Associate Professor, Agricultural Marketing	{ C-A25 S-AY75	1 370 5 030
(Total Salary).....		(6 400)
23. A. T. Anderson, Associate Professor		
(See State Agricultural Extension).....	E-AY	(7 200)
24. G. B. Whitman, Associate Professor, Farm Management		
(See State Agricultural Extension).....	E-AY	(6 600)
25. R. A. Kelly, Assistant Professor, Fruit and Vegetable Marketing.....	C-B25	1 300
(See Research and Marketing Fund).....	S-BY75	(4 800)
(Total Salary).....		(6 100)
26. F. J. Reiss, Assistant Professor, Farm Management....	S-BY47	2 800
(On leave without pay 53% time; paid \$3,150 by United States Department of Agriculture)		

27. W. D. Buddemeier, Assistant Professor, Farm Management	C-BY50	3 100
(See Vocational Agriculture).....	C-BY50	(3 100)
(Total Salary).....		(6 200)
(On leave with pay from September 1, 1951, to February 29, 1952)		
28. F. A. Stewart, Assistant Professor, Farm Management	S-BY	(5 500)
(From TVA Farm Account Studies).....		
29. W. J. Wills, Assistant Professor, Livestock Marketing..	C-BY20	1 140
(See Research and Marketing Fund).....	S-BY80	(4 560)
(Total Salary).....		(5 700)
30. T. A. Hieronymus, Assistant Professor, Marketing.....	{C-B25	1 290
(See Research and Marketing Fund).....	{S-BY50	3 140
(Total Salary).....	{S-BY25	(1 570)
		(6 000)
31. W. N. Thompson, Assistant Professor, Farm Management	{C-B50	2 590
(Total Salary).....	{S-BY50	3 160
		(5 750)
32. C. L. Folse, Assistant Professor, Rural Sociology and		
Lecturer, Sociology.....	{C-DY25	1 500
(Total Salary).....	{S-DY75	4 500
		(6 000)
33. M. W. Madison, Assistant Professor, Farm Management		
(See Bankhead-Jones Fund).....	S-DY30	(1 850)
(See Smith-Lever Fund).....	E-DY70	(4 400)
(Total Salary).....		(6 250)
34. ———, Assistant Professor, Food Industry...		.....
(Salary under Food Technology)		
35. E. E. Broadbent, Assistant Professor, Marketing		
(See Research and Marketing Fund).....	S-DY30	(1 800)
(See State Agricultural Extension).....	E-DY40	(2 400)
(See Research and Marketing Extension Fund)....	E-DY30	(1 800)
(Total Salary).....		(6 000)
36. V. I. West, Assistant Professor.....	S-DY50	2 700
(See Research and Marketing Fund).....	S-DY50	(2 700)
(Total Salary).....		(5 400)
37. N. G. P. Krausz, First Assistant, Agricultural Law....	S-DY50	2 650
(See Institute of Government and Public Affairs)...	S-DY50	(2 650)
(Total Salary).....		(5 300)
38. W. F. Lomasney, First Assistant, Marketing		
(See State Agricultural Extension).....	E-DY50	(2 750)
(See Research and Marketing Extension Fund)....	E-DY50	(2 750)
(Total Salary).....		(5 500)
39. A. G. Mueller, Assistant, Farm Management.....	S-DY10	480
(See Bankhead-Jones Fund).....	S-DY90	(4 320)
(Total Salary).....		(4 800)
40. R. A. Hinton, Assistant, Farm Management.....	S-DY40	1 840
(See Purnell Fund).....	S-DY60	(2 760)
(Total Salary).....		(4 600)
41. A. G. Harms, Assistant, Farm Management		
(From Trust: Farm Management).....	S-DY	(4 600)
42. .50 Part-time Assistants.....	C-E	1 010
1.75 Part-time Assistants.....	S-DY	5 260
(Total, Part-time Assistants).....		(6 270)
43. Nonacademic Salaries, College.....		1 830
Nonacademic Salaries, Station.....		18 165
(Total, Nonacademic Salaries).....		(19 995)
Total, Salaries, College.....		(57 685)
Total, Salaries, Station.....		(101 400)
Total, Salaries.....		(159 085)
Wages, Station.....		4 000
Total, Salaries and Wages, College.....		(57 685)
Total, Salaries and Wages, Station.....		(105 400)
Total, Salaries and Wages.....		163 085

Expense and Equipment

COLLEGE

Expense..... I 250

STATION

Expense..... II 250

Convention Travel..... I 450

Equipment..... I 000

Total, Station..... (13 700)*Total, Expense and Equipment*..... (14 950)*Total, Agricultural Economics, College*..... \$ (58 935)*Total, Agricultural Economics, Station*..... \$ (119 100)*Total, Agricultural Economics*..... \$ 178 035**Farm Account Revolving** (Entire budget from receipts)*Salaries and Wages*

1. Nonacademic Salaries..... \$ 5 790

Wages..... 8 030

Total, Salaries and Wages..... (13 820)*Expense and Equipment*

Expense..... 3 180

Total, Farm Account Revolving..... \$ 17 000**Agricultural Engineering***Salaries and Wages*

1. E. W. Lehmann, Professor and Head of Department... {C-A50 \$ 4 590

(Total Salary)..... {S-AY50 5 610

(On leave with pay from September 1, 1951, to

February 29, 1952)..... (10 200)

2. R. I. Shawl, Professor, Farm Machinery..... C-A 7 300

3. D. G. Carter, Professor, Farm Structures..... {C-AY30 3 060

(Total Salary)..... {S-AY70 7 140

(On leave with pay from September 1, 1951, to

February 29, 1952)..... (10 200)

4. R. C. Hay, Professor, Soil and Water Engineering..... {C-AY50 4 025

(Total Salary)..... {S-AY50 4 025

(On leave with pay from September 1, 1951, to

February 29, 1952)..... (8 050)

5. K. H. Hinchcliff, Professor, Farm Structures

(See Smith-Lever Fund)..... E-AY80 (6 800)

(See Bankhead-Jones Fund)..... S-AY20 (1 700)

(Total Salary)..... (8 500)

6. G. E. Pickard, Professor, Power and Machinery..... {C-A50 3 420

(See Bankhead-Jones Fund)..... {S-AY21 1 780

(Total Salary)..... S-AY29 (2 400)

(On leave with pay from September 1, 1951, to

February 29, 1952)..... (7 600)

7. A. L. Young, Associate Professor, Farm Power..... C-A 5 900

8. F. W. Andrew, Assistant Professor

(See State Agricultural Extension)..... E-BY (5 700)

9. H. P. Bateman, Associate

(See Bankhead-Jones Fund)..... S-DY (4 850)

10. J. H. Ramser, Associate..... {C-DY20 970

(Total Salary)..... {S-DY80 3 880

(On leave with pay from September 1, 1951, to

February 29, 1952)..... (4 850)

11. J. A. Weber, First Assistant..... S-DY47

(See Bankhead-Jones Fund)..... S-DY53

(Total Salary).....

(On leave without pay until further notice; dis-

ability benefits payable by Retirement System)

12. B. F. Muirheid, Instructor

(See Smith-Lever Fund)..... E-DY (5 300)

13. W. F. Lytle, Instructor..... DY (4 520)

(On leave without pay for military service)

14. E. J. Monke, Instructor..... {C-DY20 760

(Total Salary)..... {S-DY80 3 040

(On leave with pay from September 1, 1951, to

February 29, 1952)..... (3 800)

15. J. O. Curtis, Instructor.....	{C-DY ₄₀ S-DY ₆₀	2 080 3 120 (5 200)
(Total Salary).....		
16. A. R. Ayers, Instructor.....	E-DY	(4 950)
(On leave without pay for military service)		
17. Wendell Bowers, Instructor		
(See State Agricultural Extension).....	E-DY	(4 000)
18. H. L. Wakeland, Instructor.....	{C-DY ₂₅ S-DY ₂₅	1 000 1 000
(From Trust: Aluminum Company of America— Farm Structures).....	S-DY ₅₀	(2 000)
(Total Salary).....		(4 000)
19. J. W. Matthews, Instructor.....	C-DY ₃₅	2 030
(See Vocational Agriculture).....	C-DY ₆₅	(3 770)
(Total Salary).....		(5 800)
20. _____, Instructor, Farm Structures		
(See Bankhead-Flannagan Fund).....	E-DY	(4 000)
21. R. W. Mowery, First Assistant.....	{C-DY ₄₀ S-DY ₆₀	1 920 2 880 (4 800)
(Total Salary).....		
22. M. W. Forth, First Assistant.....	S-DY ₅₀	2 400
(From Trust: Public Service Company of Northern Illinois).....	S-DY ₅₀	(2 400)
(Total Salary).....		(4 800)
23. M. R. Hodgell, First Assistant		
(See Research and Marketing Fund).....	S-DY ₅₀	(2 425)
(See Regional Research Fund).....	S-DY ₅₀	(2 425)
(Total Salary).....		(4 850)
24. _____, Instructor.....	C-D	4 200
25. 1.00 Part-time Assistants.....	S	2 900
26. Nonacademic Salaries, College.....		8 421
Nonacademic Salaries, Station.....		20 871
(Total, Nonacademic Salaries).....		(29 292)
Total, Salaries, College.....		(49 676)
Total, Salaries, Station.....		(58 646)
Total, Salaries.....		(108 322)
Wages, College.....		1 500
Wages, Station.....		500
Total, Wages.....		(2 000)
Total, Salaries and Wages, College.....		(51 176)
Total, Salaries and Wages, Station.....		(59 146)
Total, Salaries and Wages.....		(110 322)
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		4 000
Equipment.....		800
Convention Travel.....		200
Total, College.....		(5 000)
STATION		
Expense.....		4 000
Equipment.....		800
Convention Travel.....		200
Total, Station.....		(5 000)
Total, Expense and Equipment.....		(10 000)
Total, Agricultural Engineering, College.....		\$(56 176)
Total, Agricultural Engineering, Station.....		\$(64 146)
Total, Agricultural Engineering.....		\$120 322

*Salaries and Wages***Agronomy**

1. M. B. Russell, Professor and Head of Department.....	{C-AY ₅₀ S-AY ₅₀	\$ 5 375 5 375 (10 750)
(Total Salary).....		

2. W. L. Burlison, Professor, <i>Emeritus</i>.....	.....
(Retiring allowance payable by Retirement System)		
3. C. F. Hottes, Consulting Plant Physiologist, <i>Emeritus</i> ..	(453)	
(See Botany).....	(2 254)	
(Total from Retiring Allowances).....	(2 707)	
4. F. C. Bauer, Professor, Soil Fertility.....	{C-AY20	2 080
(Total Salary).....	{S-AY80	8 320
		(10 400)
5. J. C. Hackleman, Professor, Crop Extension		
(See Smith-Lever Fund).....	E-AY	(8 600)
6. E. E. DeTurk, Professor, Soil Fertility.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
7. R. S. Smith, Professor, Soil Physics, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
8. C. M. Woodworth, Professor, Plant Genetics.....	{C-AY33	3 333
(Total Salary).....	{S-AY67	6 667
		(10 000)
9. G. H. Dungan, Professor, Crop Production.....	{C-AY55	4 840
(Total Salary).....	{S-AY45	3 960
		(8 800)
10. L. J. Norton, Professor, Agricultural Economics.....		.....
(Salary under Agricultural Economics)		
11. Benjamin Koehler, Professor, Crop Pathology.....	{C-AY20	1 680
(Total Salary).....	{S-AY80	6 720
		(8 400)
12. O. H. Sears, Professor, Soil Biology.....	{C-AY50	4 100
(Total Salary).....	{S-AY50	4 100
		(8 200)
13. D. C. Wimer, Professor, Soil Physics.....	C-A	7 100
14. R. H. Bray, Professor, Soil Fertility.....	{C-AY20	1 720
(Total Salary).....	{S-AY80	6 880
(On leave with pay from January 1 to June 30, 1952)		(8 600)
15. O. T. Bonnett, Professor, Plant Genetics.....	{C-AY25	2 100
(Total Salary).....	{S-AY75	6 300
		(8 400)
16. J. E. Giesecking, Professor, Soil Physics.....	{C-AY20	1 620
(Total Salary).....	{S-AY80	6 480
		(8 100)
17. R. W. Jugenheimer, Professor, Plant Genetics.....	{C-AY25	2 100
(Total Salary).....	{S-AY75	6 300
		(8 400)
18. A. L. Lang, Professor, Soil Fertility.....	S-AY	8 400
19. C. M. Linsley, Professor, Soils Extension		
(See Smith-Lever Fund).....	E-AY	(8 600)
20. E. H. Tyner, Professor, Soil Fertility.....	{C-A80	5 360
(Total Salary).....	{S-AY20	1 640
		(7 000)
21. M. M. Rhoades, Professor of Cytogenetics.....		.....
(Salary under Botany)		
22. L. T. Kurtz, Professor, Soil Fertility.....	{C-AY33	2 640
(Total Salary).....	{S-AY67	5 360
		(8 000)
23. R. T. Odell, Professor, Soil Physics.....	{C-AY20	1 700
(Total Salary).....	{S-AY80	6 800
(On leave without pay from July 1, 1951, to March 15, 1952)		(8 500)
24. ———, Professor, Crop Production.....	{C-AY25	1 940
(Total Salary).....	{S-AY75	5 810
		(7 750)
25. W. M. Bever, Professor, Crop Pathology.....	C-A20	1 233
(Also paid \$5,867 by United States Department of Agriculture)		

26. E. D. Walker, Extension Soil Conservationist; Associate Professor, Soils Extension (See Smith-Lever Fund).....	E-AY	(6 800)
27. S. W. Melsted, Associate Professor, Soil Fertility.....	{C-AY20 S-AY80	1 400 5 600 (7 000)
28. E. B. Earley, Associate Professor, Soil Fertility.....	{C-AY20 S-AY80	1 400 5 600 (7 000)
29. R. S. Stauffer, Associate Professor, Soil Physics.....	{C-AY33 S-AY67	2 200 4 400 (6 600)
30. J. R. Laughnan, Associate Professor, Plant Genetics (Agronomy).....		.....
31. H. J. Snider, Assistant Professor, Soil Fertility.....	S-BY	6 000
32. H. L. Wascher, Assistant Professor, Soil Physics.....	S-BY	6 400
33. L. B. Miller, Assistant Professor, Soil Fertility.....	S-BY	6 000
34. C. H. Farnham, Assistant Professor, Crop Production and Soil Fertility.....	S-BY	6 300
35. A. U. Thor, Assistant Professor, Soils Extension (See State Agricultural Extension).....	E-BY	(6 200)
36. R. O. Weibel, Assistant Professor, Crop Production and Plant Genetics (See Bankhead-Jones Fund).....	S-BY	(6 500)
37. W. F. Purnell, Assistant Extension Soil Conservationist; Assistant Professor, Soils Extension (See State Agricultural Extension).....	E-BY60	(3 750)
(From State Soil Conservation Districts Board)....	E-BY40	(2 450)
(Total Salary).....		(6 200)
38. Alfred Tate, Assistant Extension Soil Conservationist; Assistant Professor, Soils Extension, <i>Emeritus</i>....		.....
(Retiring allowance payable by Retirement System)		
39. W. O. Scott, Assistant Professor, Crop Extension (See Bankhead-Flannagan Fund).....	E-BY	(6 000)
40. J. B. Fehrenbacher, Assistant Professor, Soil Physics (See Bankhead-Jones Fund).....	S-BY	(6 000)
41. P. T. Veale, Assistant Professor, Soil Physics.....	S-BY	5 900
42. P. E. Johnson, Assistant Professor, Soil Fertility.....	S-BY	6 000
43. E. R. Leng, Assistant Professor, Plant Genetics.....	{C-BY20 S-BY80	(1 190) (4 730) (5 920)
(Total Salary).....		
(On leave without pay for military service)		
44. J. W. Gerdemann, Assistant Professor, Crop Pathology..	{C-BY20 S-BY80	1 100 4 400 (5 500)
(Total Salary).....		
45. A. H. Beavers, Assistant Professor, Soil Physics.....	{C-BY20 S-BY33	1 160 1 940 (2 700)
(See Bankhead-Jones Fund).....	S-BY47	(5 800)
(Total Salary).....		
46. C. J. Badger, Associate, Soil Fertility.....	S-DY	5 250
47. W. E. Kennedy, Instructor, Crop Production.....	C-D	(4 090)
(On leave without pay for military service)		
48. F. W. Slife, Instructor and First Assistant, Crop Pro- duction.....	{C-DY40 S-DY60	2 040 3 060 (5 100)
(Total Salary).....		
49. J. C. Anderson, First Assistant, Soil Fertility, <i>Emeritus</i>..		.....
(Retiring allowance payable by Retirement System)		
50. J. W. Pendleton, First Assistant, Crop Production.....	S-DY56	2 650
(See Hatch Fund).....	S-DY44	(2 100)
(Total Salary).....		(4 750)

51. D. L. Lynch, Instructor and First Assistant, Soil Biology	{ C-DY ²⁵ S-DY ³⁵ S-DY ⁴⁰	1 125 1 575 (1 800)
(See Hatch Fund).....		(4 500)
(Total Salary).....		
52. R. H. Rust, First Assistant, Soil Physics		
(See Research and Marketing Fund).....	S-DY	(4 500)
53. J. D. Alexander, First Assistant, Soil Physics.....	S-DY	4 400
54. D. A. Vinson, First Assistant, Soil Fertility.....	S-DY	4 400
55. B. W. Ray, First Assistant, Soil Physics		
(See Bankhead-Jones Fund).....	S-DY	(4 500)
56. J. H. Griffin, First Assistant, Soil Fertility.....	S-DY	4 200
57. J. C. Lyons, First Assistant, Soil Fertility.....	S-DY	4 100
58. H. L. Breland, First Assistant, Soil Fertility.....	S-DY	4 300
59. L. F. Bauman, First Assistant, Plant Genetics.....	{ C-DY ²⁰ S-DY ⁸⁰	880 3 520
(Total Salary).....		(4 400)
60. D. L. Mulvaney, Assistant, Soil Fertility.....	S-DY	3 750
61. W. R. Oschwald, Assistant, Soil Physics.....	S-DY	3 600
62. .50 Part-time Assistants.....	C-E	1 500
1.00 Part-time Assistants.....	S-DY	3 550
(Total, Part-time Assistants).....		(5 050)
63. Nonacademic Salaries, College.....		7 320
Nonacademic Salaries, Station.....		74 830
(Total, Nonacademic Salaries).....		(82 150)
Total, Salaries, College.....		(69 046)
Total, Salaries, Station.....		(270 837)
Total, Salaries.....		(339 883)
Wages, College.....		2 000
Wages, Station.....		10 000
Total, Wages.....		(12 000)
Total, Salaries and Wages, College.....		(71 046)
Total, Salaries and Wages, Station.....		(280 837)
Total, Salaries and Wages.....		(351 883)
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		4 325
Equipment.....		800
Total, College.....		(5 125)
STATION		
Expense.....		61 000
Equipment.....		4 000
Convention Travel.....		1 500
Total, Station.....		(66 500)
Total, Expense and Equipment.....		(71 625)
Total, Agronomy, College.....		\$ (76 171)
Total, Agronomy, Station.....		\$(347 337)
Total, Agronomy.....		\$ 423 508

Cooperative Investigations*Salaries and Wages***ILLINOIS COAL STRIP-MINE AREAS**

1. A. F. Grandt, Special Research First Assistant, Soil Fertility..... S-DY \$ 4 600

DIVIDED POSITION

2. Mrs. Joan A. Rheumer, Special Research Assistant, Soil Fertility..... S-DY 3 300
(50% Frasch Foundation—Humus in Soils; 50% International Minerals and Chemical Corporation—Soybeans)

Corn Testing Revolving (Entire budget from receipts)*Expense and Equipment*

Expense.....	\$ 500
<i>Total, Corn Testing Revolving.....</i>	<i>\$ 500</i>

Soil Testing Revolving (Entire budget from receipts)*Salaries and Wages*

1. D. A. Russel, Assistant, Soil Fertility..... S-DY	\$ 3 500
Wages.....	500
<i>Total, Salaries and Wages.....</i>	<i>(4 000)</i>

Expense and Equipment

Expense.....	2 000
Equipment.....	500
<i>Total, Expense and Equipment.....</i>	<i>(2 500)</i>
<i>Total, Soil Testing Revolving.....</i>	<i>\$ 6 500</i>

Central Illinois Seed Increase Revolving (Entire budget from receipts)*Expense and Equipment*

Permanent Improvements.....	\$ 22 000
<i>Total, Central Illinois Seed Increase Revolving.....</i>	<i>\$ 22 000</i>

Northern Illinois Experimental Field Revolving (Entire budget from receipts)*Expense and Equipment*

Equipment.....	\$ 5 000
<i>Total, Northern Illinois Experiment Field Revolving..</i>	<i>\$ 5 000</i>

Animal Science*Salaries and Wages*

1. L. E. Card, Professor and Head of Department.....	{ C-A50	\$ 4 725
(Total Salary).....	{ S-AY50	5 775
		(10 500)
2. H. P. Rusk, Professor, Cattle Husbandry.....		.....
(Salary under Administration)		
3. H. S. Grindley, Professor, Animal Nutrition, <i>Emeritus</i>		(2 000)
(From Retiring Allowances).....		
4. J. L. Edmonds, Professor, Horse Husbandry.....	{ C-A75	5 760
(Total Salary).....	{ S-AY25	2 340
		(8 100)
5. H. H. Mitchell, Professor, Animal Nutrition.....	{ C-AY25	2 820
(See Adams Fund).....	{ S-AY60	6 800
(Total Salary).....	{ S-AY15	(1 680)
		(11 300)
6. Elmer Roberts, Professor, Animal Genetics.....	{ C-AY33	2 900
(See Adams Fund).....	{ S-AY43	3 800
(Total Salary).....	{ S-AY24	(2 150)
		(8 850)
7. Sleeter Bull, Professor, Meats.....	{ C-AY40	3 440
(See Purnell Fund).....	{ S-AY39	3 360
(Total Salary).....	{ S-AY21	(1 800)
		(8 600)
8. W. G. Kammlade, Professor.....		.....
(Salary under Administration)		
9. R. R. Snapp, Professor.....	{ C-AY40	3 540
(Total Salary).....	{ S-AY60	5 310
		(8 850)
10. T. S. Hamilton, Professor, Animal Nutrition.....	{ C-AY40	4 100
(See Adams Fund).....	{ S-AY49	5 010
(Total Salary).....	{ S-AY11	(1 140)
		(10 250)
11. H. G. Russell, Professor		
(See Smith-Lever Fund).....	E-AY	(8 500)

12. H. M. Scott, Professor.....	{C-AY40	3 700
(Total Salary).....	S-AY60	5 550
		(9 250)
13. B. C. Johnson, Professor, Animal Nutrition.....	{C-AY20	1 540
(Total Salary).....	S-AY80	6 160
		(7 700)
14. A. V. Nalbandov, Professor, Animal Physiology.....	{C-AY20	1 540
(Total Salary).....	S-AY80	6 160
		(7 700)
15. R. M. Forbes, Associate Professor, Animal Nutrition.....	{C-AY25	1 700
(See Bankhead-Jones Fund).....	S-AY25	1 700
(Total Salary).....	S-AY50	(3 400)
		(6 800)
16. A. L. Neumann, Associate Professor.....	{C-AY40	2 720
(Total Salary).....	S-AY60	4 080
		(6 800)
17. H. W. Bean, Associate Professor.....		.....
(Salary under Administration)		
18. S. W. Terrill, Associate Professor.....	{C-AY40	2 720
(Total Salary).....	S-AY60	4 080
		(6 800)
19. U. S. Garrigus, Associate Professor.....	{C-AY40	2 720
(Total Salary).....	S-AY60	4 080
		(6 800)
20. C. W. Crawford, Assistant Professor, Horse Husbandry..	{C-BY50	3 000
(Total Salary).....	S-BY50	3 000
		(6 000)
21. S. F. Ridlen, Assistant Professor, Poultry Extension		
(See Smith-Lever Fund).....	E-BY	(6 250)
22. Marian F. James, Assistant Professor.....	S-BY	5 400
23. G. R. Carlisle, Assistant Professor		
(See Smith-Lever Fund).....	E-BY	(6 500)
24. D. E. Becker, Assistant Professor.....	{C-BY50	3 100
(Total Salary).....	S-BY50	3 100
		(6 200)
25. W. H. Hale, Assistant Professor.....	{C-BY40	2 080
(Total Salary).....	S-BY60	3 120
		(5 200)
26. M. Helen Keith, First Assistant, Animal Nutrition,		
<i>Emerita</i> (From Retiring Allowances).....		(879)
27. Marjorie Edman, Instructor, Animal Nutrition.....	S-DY	4 450
28. R. C. Eaton, Instructor.....	{C-DY34	1 690
(Total Salary).....	S-DY41	2 060
		(3 750)
29. Yen H. Loo, Biochemist and First Assistant, Animal		
Nutrition.....		.....
(Salary under Graduate College)		
30. W. T. Haines, Assistant, Animal Nutrition.....	S-DY50	2 600
(See Bankhead-Jones Fund).....	S-DY50	(2 600)
(Total Salary).....		(5 200)
31. Mrs. Lucile Dekker-van Ghyl, Assistant, Animal Nutri-		
tion.....	S-DY	3 500
32. Mrs. Uva G. Frey, Assistant, Animal Nutrition.....	S-DY58	2 010
(See Adams Fund).....	S-DY42	(1 440)
(Total Salary).....		(3 450)
33. Mrs. Eva M. Cohn, Assistant, Animal Nutrition.....	S-DY	3 450
34. D. A. Vaughan, Assistant, Animal Nutrition		
(See Research and Marketing Fund).....	S-DY	(3 450)
35. Mrs. Janet L. Page, Assistant, Animal Nutrition		
(See Research and Marketing Fund).....	S-DY	(3 450)
36. Margaret B. Keane, Assistant, Animal Nutrition		
(See Research and Marketing Fund).....	S-DY52	(1 800)
(From Trust: Lederle Lab.).....	S-DY32	(1 100)
(From Trust: Merck and Co.).....	S-DY16	(550)
(Total Salary).....		(3 450)

37. 2.50 Part-time Assistants	C-E	7 900
4.00 Part-time Assistants	S-DY	13 040
(Total, Part-time Assistants)		(20 940)
38. Nonacademic Salaries, College		42 570
Nonacademic Salaries, Station		91 080
(Total, Nonacademic Salaries)		(133 650)
Total, Salaries, College		(104 265)
Total, Salaries, Station		(201 015)
Total, Salaries		(305 280)
Wages, College		5 000
Wages, Station		7 000
Total, Wages		(12 000)
Total, Salaries and Wages, College		(109 265)
Total, Salaries and Wages, Station		(208 015)
Total, Salaries and Wages		(317 280)
<i>Expense and Equipment</i>		
COLLEGE		
Expense		47 500
Convention Travel		400
Equipment		4 000
Contingent		500
Total, College		(52 400)
STATION		
Expense		95 000
Convention Travel		600
Equipment		6 000
Total, Station		(101 600)
Total, Expense and Equipment		(154 000)
Total, Animal Science, College		\$(161 665)
Total, Animal Science, Station		\$(309 615)
Total, Animal Science		\$ 471 280

Dairy Science

<i>Salaries and Wages</i>		
1. G. W. Salisbury, Professor and Head of Department	{ C-A50 S-AY50	\$ 4 840 5 910
(Total Salary)		(10 750)
2. H. A. Ruehe, Professor	{ C-A50 S-AY50	3 870 4 730
(Total Salary)		(8 600)
3. M. J. Prucha, Professor, <i>Emeritus</i> .....		.....
(Retiring allowance payable by Retirement System)		
4. W. W. Yapp, Professor, Dairy Cattle Breeding	{ C-A50 S-AY50	3 980 4 870
(Total Salary)		(8 850)
5. C. S. Rhode, Professor (See Smith-Lever Fund)	E-AY	(8 600)
6. W. B. Nevens, Professor, Dairy Cattle Feeding	{ C-A25 S-A61	2 210 5 440
(See Hatch Fund)	S-A14	(1 200)
(Total Salary)		(8 850)
7. R. W. Bartlett, Professor, Agricultural Economics .....		.....
(Salary under Agricultural Economics)		
8. J. G. Cash, Associate Professor (See Smith-Lever Fund)	E-AY	(7 300)
9. K. E. Gardner, Associate Professor, Dairy Production	{ C-AY40 S-AY60	2 880 4 320
(Total Salary)		(7 200)
10. R. G. Hansen, Associate Professor, Dairy Biological Chemistry	{ C-AY25 S-AY75	1 750 5 250
(Total Salary)		(7 000)
11. N. L. VanDemark, Associate Professor, Dairy Cattle Physiology	{ C-AY25 S-AY75	1 800 5 400
(Total Salary)		(7 200)

12. W. O. Nelson, Assistant Professor, Dairy Bacteriology..	{ C-BY60 S-BY40	3 840 2 560 (6 400)
(Total Salary).....		
13. K. E. Harshbarger, Assistant Professor, Dairy Produc- tion.....	{ C-BY60 S-BY40	3 660 2 440 (6 100)
(Total Salary).....		
14. E. E. Ormiston, Assistant Professor, Dairy Production..	{ C-BY75 S-BY25	4 575 1 525 (6 100)
(Total Salary).....		
15. M. H. Alexander, Assistant Professor, Dairy Production	{ C-BY50 S-BY50	2 925 2 925 (5 850)
(Total Salary).....		
16. K. A. Kendall, Assistant Professor, Dairy Production..	{ C-BY40 S-BY60	2 400 3 600 (6 000)
(Total Salary).....		
17. R. W. Touchberry, Assistant Professor, Dairy Cattle Genetics.....	{ C-BY19 S-BY32	1 100 1 800 (2 900)
(Total Salary).....		
(Also paid \$2,800 by United States Department of Agriculture)		
18. W. A. Wood, Assistant Professor, Dairy Bacteriology..	{ C-BY50 S-BY50	3 000 3 000 (6 000)
(Total Salary).....		
19. R. L. Hays, Assistant Professor, Dairy Cattle Physiology	{ C-BY20 S-BY37	1 100 2 025 (2 375)
(See Research and Marketing Fund).....	S-BY43	(5 500)
(Total Salary).....		
20. S. D. Musgrave, Assistant Professor, Dairy Production..	{ C-BY25 S-BY75	1 320 3 930 (5 250)
(Total Salary).....		
21. L. R. Fryman, Assistant Professor (See Smith-Lever Fund).....	E-BY	(5 100)
22. S. G. Menefee, Associate, Dairy Chemistry.....		.....
(On leave without pay until further notice; dis- ability benefits payable by Retirement System)		
23. B. L. Larson, Instructor, Dairy Biological Chemistry...	{ C-DY50 S-DY50	2 375 2 375 (4 750)
(Total Salary).....		
24. Mrs. Dorothy J. Dillon, Assistant.....	S-DY	3 300
25. 3.50 Part-time Assistants.....	C-E	8 400
3.00 Part-time Assistants.....	S-DY	9 000
(Total, Part-time Assistants).....		(17 400)
26. Nonacademic Salaries, College.....		36 750
Nonacademic Salaries, Station.....		80 520
(Total, Nonacademic Salaries).....		(117 270)
Total, Salaries, College.....		(92 775)
Total, Salaries, Station.....		(154 920)
Total, Salaries.....		(247 695)
Wages, College.....		5 000
Wages, Station.....		6 000
Total, Wages.....		(11 000)
Total, Salaries and Wages, College.....		(97 775)
Total, Salaries and Wages, Station.....		(160 920)
Total, Salaries and Wages.....		(258 695)
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		43 000
Convention Travel.....		400
Equipment.....		5 000
Contingent.....		1 000
Total, College.....		(49 400)

STATION	
Expense	40 000
Convention Travel	600
Equipment	8 000
Contingent	1 000
<i>Total, Station</i>	(49 600)
<i>Total, Expense and Equipment</i>	(99 000)
<i>Total, Dairy Science, College</i>	\$ (147 175)
<i>Total, Dairy Science, Station</i>	\$ (210 520)
<i>Total, Dairy Science</i>	\$ 357 695

Illinois Dairy Products Sanitation Revolving (Entire budget from receipts)*Salaries and Wages*

1. P. P. Somers, Assistant Professor, Dairying Research...	S-DY	\$ 5 375
2. L. E. Gage, Assistant, Dairying Research	S-DY	2 930
<i>Total, Salaries</i>		(8 305)
Wages		1 000
<i>Total, Salaries and Wages</i>		(9 305)
<i>Expense and Equipment</i>		
Expense		9 500
Equipment		500
<i>Total, Expense and Equipment</i>		(10 000)
<i>Total, Illinois Dairy Products Sanitation Revolving</i>		\$ 19 305

Official Test Revolving (Entire budget from receipts)*Salaries and Wages*

1. Nonacademic Salaries		\$ 22 320
Wages		1 640
<i>Total, Salaries and Wages</i>		(23 960)
<i>Expense and Equipment</i>		
Expense		11 700
Equipment		350
<i>Total, Expense and Equipment</i>		(12 050)
<i>Total, Dairy Official Test Revolving</i>		\$ 36 010

Food Technology*Salaries and Wages*

1. L. B. Howard, Professor and Head of Department	{ C-AY25	\$ 3 500
(See Administration)	{ S-AY25	3 500
(Total Salary)	{ S-BY50	(7 000)
2. P. H. Tracy, Professor, Dairy Technology	{ C-AY25	2 425
(See Dairy Creamery)	{ S-AY50	4 875
(Total Salary)	{ C-AY25	(2 400)
(On leave with pay from March 1 to August 31, 1952)		(9 700)
3. E. O. Herreid, Professor, Dairy Technology	{ C-AY40	3 280
(Total Salary)	{ S-AY60	4 920
4. S. L. Tuckey, Associate Professor, Dairy Technology ..	{ C-AY20	1 520
(Total Salary)	{ S-AY80	6 080
5. R. M. Whitney, Associate Professor, Dairy Technology ..	{ C-AY25	1 750
(See Research and Marketing Fund)	{ S-AY75	(5 250)
(Total Salary)		(7 000)
6. Z. J. Ordal, Associate Professor, Food Microbiology ...	{ C-AY50	3 800
(Total Salary)	{ S-AY50	3 800
7. A. I. Nelson, Associate Professor, Food Processing	{ C-AY50	3 800
(Total Salary)	{ S-AY50	3 800
		(7 600)

8. L. L. Kempe, Assistant Professor, Food Engineering...	{C-BY50 S-BY50	3 400 3 400
(Total Salary).....		(6 800)
9. F. A. Kummerow, Assistant Professor, Food Chemistry...	{C-BY25 S-BY75	1 810 5 440
(Total Salary).....		(7 250)
10. ———, Assistant Professor, Food Industry...	S-BY	5 500
11. O. W. Kaufmann, Instructor, Food Microbiology.....	{C-DY50 S-DY50	2 550 2 550
(Total Salary).....		(5 100)
12. ———, Instructor, Food Processing.....	{C-DY50 S-DY50	2 000 2 000
(Total Salary).....		(4 000)
13. Joseph Tobias, Instructor and First Assistant, Dairy Technology.....	{C-DY26 S-DY41	1 100 1 750
(Total Salary).....		(2 850)
14. 1.0 Part-time Assistants.....	C-DE	2 500
2.5 Part-time Assistants.....	S-DY	10 500
(Total, Part-time Assistants).....		(13 000)
15. Nonacademic Salaries, Station.....		9 600
Total, Salaries, College.....		(33 435)
Total, Salaries, Station.....		(67 715)
Total, Salaries.....		(101 150)
Wages, Station.....		2 000
Total, Salaries and Wages, College.....		(33 435)
Total, Salaries and Wages, Station.....		(69 715)
Total, Salaries and Wages.....		(103 150)
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		4 000
Equipment.....		6 000
Total, College.....		(10 000)
STATION		
Expense.....		8 500
Equipment.....		6 000
Convention Travel.....		600
Total, Station.....		(15 100)
Total, Expense and Equipment.....		(25 100)
Total, Food Technology, College.....		\$(43 435)
Total, Food Technology, Station.....		\$(84 815)
Total, Food Technology.....		\$(128 250)
Dairy Creamery (Entire budget from receipts)		
<i>Salaries and Wages</i>		
1. P. H. Tracy (See Food Technology, Item 2).....	C-AY25	\$ 2 400
2. Nonacademic Salaries.....		19 170
Total, Salaries.....		(21 570)
Wages.....		3 500
Total, Salaries and Wages.....		(25 070)
<i>Expense and Equipment</i>		
Expense.....		62 930
Equipment.....		2 000
Total, Expense and Equipment.....		(64 930)
Total, Dairy Creamery.....		\$ 90 000

Forestry

<i>Salaries and Wages</i>		
1. J. N. Spaeth, Professor and Head of Department.....	{C-A50 S-AY50	\$ 4 590 5 660
(Total Salary).....		(10 250)
2. R. W. Lorenz, Associate Professor (See Bankhead-Jones Fund).....	S-AY	(7 600)
3. C. S. Walters, Associate Professor, Forest Utilization...	S-AY	7 300

4. L. B. Culver, Extension Forester and Associate Professor (See Smith-Lever Fund).....	E-AY73	(5 400)
(From State Natural History Survey).....	E-DY27	(1 980)
(Total Salary).....		(7 380)
5. W. R. Boggess, Associate Professor.....	S-AY67	4 470
(See Dixon Springs).....	S-AY33	(2 230)
(Total Salary).....		(6 700)
6. R. G. Rennels, Assistant Professor.....	C-B	5 150
7. W. F. Bulkley, Associate Extension Forester, with rank of Assistant Professor (See State Agricultural Extension).....	E-DY68	(3 530)
(From Norris-Doxey).....	E-DY32	(1 620) ¹
(Total Salary).....		(5 150)
8. H. W. Fox, First Assistant.....	S-DY64	3 200
(From Trust: Sinnissippi Forest).....	S-DY36	(1 800)
(Total Salary).....		(5 000)
9. B. F. Kent, Farm Forester (See State Agricultural Extension).....	E-DY	(4 700)
10. W. L. Meek, First Assistant, Forest Utilization (See Bankhead-Jones Fund).....	S-DY	(4 400)
11. J. J. Jokela, First Assistant (See Bankhead-Jones Fund).....	S-DY	(4 400)
12. G. R. Cunningham, Assistant Extension Forester, with rank of Instructor (See State Agricultural Extension).....	E-DY60	(2 480)
(From Clarke-McNary).....	E-DY40	(1 620) ²
(Total Salary).....		(4 100)
13. F. W. McMillan, Assistant (See Research and Marketing Fund).....	S-DY	(3 200)
14. Nonacademic Salaries, College.....		5 880
Nonacademic Salaries, Station.....		660
(Total, Nonacademic Salaries).....		(6 540)
Total, Salaries, College.....		(15 620)
Total, Salaries, Station.....		(21 290)
Total, Salaries.....		(36 910)
Wages, College.....		125
Wages, Station.....		2 000
Total, Wages.....		(2 125)
Total, Salaries and Wages, College.....		(15 745)
Total, Salaries and Wages, Station.....		(23 290)
Total, Salaries and Wages.....		(39 035)
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		2 950
Convention Travel.....		100
Equipment.....		450
Total, College.....		(3 500)
STATION		
Expense.....		3 775
Convention Travel.....		400
Equipment.....		1 500
Total, Station.....		(5 675)
Total, Expense and Equipment.....		(9 175)
Total, Forestry, College.....		\$(19 245)
Total, Forestry, Station.....		\$(28 965)
Total, Forestry.....		\$ 48 210

¹ Norris-Doxey funds for the fiscal year July 1, 1951, to June 30, 1952, will be paid through the Extension Service in Agriculture and Home Economics by the United States Department of Agriculture following monthly certification for salary signed by the Director of Extension.

² Clarke-McNary funds for the fiscal year July 1, 1951, to June 30, 1952, will be paid through the Extension Service in Agriculture and Home Economics by the United States Department of Agriculture following monthly certification for salary signed by the Director of Extension.

*Salaries and Wages***Home Economics**

1. Janice M. Smith, Professor, Nutrition, and Head of Department.....	{C-AY75 S-AY25	\$ 7 275 2 425 (9 700)
(Total Salary).....		.....
2. J. Lita Bane, Professor.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
3. Mrs. Kathryn V. Burns, State Leader, Home Economics Extension, and Professor.....	C-AY20	1 760
(See Smith-Lever Fund).....	E-AY80	(7 040)
(Total Salary).....		(8 800)
4. Nellie L. Perkins, Professor.....	C-A	6 950
5. Fannie M. Brooks, Associate Professor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
6. Harriet T. Barto, Associate Professor, Dietetics.....	C-A	5 375
7. E. Evelyn Smith, Associate Professor, Institution Management.....	C-A	5 850 ^M
8. Mrs. Pearl Janssen, Associate Professor.....	C-A	6 050
9. Grace B. Armstrong, Associate Professor, Foods and Nutrition.....		
(See Smith-Lever Fund).....	E-AY	(6 650)
10. Mary L. Chase, Assistant State Leader, and Associate Professor.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
11. Edna E. Walls, Associate Professor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
12. Florence M. King, Associate Professor.....	C-A	5 600
13. Frances O. Van Duyne, Associate Professor, Foods.....	{C-AY35 S-AY40 S-AY25	2 400 2 770 (1 680) (6 850)
(See Purnell Fund).....		.....
(Total Salary).....		.....
14. Virginia H. Weaver, Assistant Professor.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
15. Edna R. Gray, Assistant Professor, Clothing.....		
(See Smith-Lever Fund).....	E-BY	(6 000)
16. Anna W. Searl, Assistant State Leader, and Assistant Professor.....		
(See Smith-Lever Fund).....	E-BY	(6 250)
17. Gladys J. Ward, Assistant Professor, Home Management, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
18. Lulu S. Black, Assistant State Leader, and Assistant Professor in Charge of Extension Studies and Training.....		
(See Bankhead-Flannagan Fund).....	E-BY	(5 850)
19. Mrs. Ruth C. Freeman, Assistant Professor, Home Accounts.....		
(See Purnell Fund).....	S-BY31	(1 500)
(See Smith-Lever Fund).....	E-BY69	(3 800)
(Total Salary).....		(5 300)
20. Dorothy J. Iwig, Assistant Professor, Home Furnishings.....		
(See Smith-Lever Fund).....	E-BY	(6 050)
21. Mary A. McKee, Assistant Professor, Home Economics 4-H Club Work.....		
(See Smith-Lever Fund).....	E-BY	(5 500)
22. Ritta Whitesel, Assistant Professor.....	C-B	4 550
23. Gertrude E. Kaiser, Assistant State Leader, and Assistant Professor.....		
(See Smith-Lever Fund).....	E-BY	(5 300)
24. Beula McKey, Assistant Professor, Nutrition.....	S-BY82	4 000
(See Purnell Fund).....	S-BY18	(1 300)
(Total Salary).....		(5 300)

25. Mrs. Mary S. Ligon, Assistant State Leader, and Assistant Professor (See Smith-Lever Fund).....	E-BY	(5 300)
26. Margaret R. Goodyear, Assistant Professor.....	C-B	4 900
27. Florence A. Kimmelshue, Assistant Professor, Home Economics 4-H Club Work (See Smith-Lever Fund).....	E-BY	(5 300)
28. Clareta Walker, Assistant Professor, Rural Youth (See Additional Cooperative Fund).....	E-BY	(5 400)
29. Margueritte Briggs, Assistant Professor, Child Development and Parent Education (See State Agricultural Extension).....	E-BY	(5 750)
30. Helen K. Zwolanek, Assistant Professor.....	C-B	4 450
31. Katharine J. Hivon, Assistant Professor.....	S-BY	5 400
32. Marian E. Tolbert, Assistant Professor (See Research and Marketing Fund).....	S-DY	(5 400)
33. ———, Assistant Professor, Health Education (See State Agricultural Extension).....	E-DY	(5 300)
34. Ruth I. Cooper, Assistant Professor, Child Development	C-D	4 500
35. ———, Assistant Professor.....	C-B	4 100
36. ———, Assistant Professor.....	C-B	5 300
37. Helen E. McCullough, Assistant Professor (See Research and Marketing Fund).....	S-DY	(5 300)
38. Kathryn M. Weesner, Assistant Professor.....	C-B	4 000
39. ———, Assistant Professor, Child Development.....	C-B	5 000
40. Mrs. Glenna H. Lamkin, Associate.....	C-D	3 500
41. Erma Cottingham, Associate, Home Economics 4-H Club Work (See Smith-Lever Fund).....	E-DY	(5 000)
42. Fern Carl, Associate, Clothing (See Smith-Lever Fund).....	E-DY	(5 200)
43. Lucile Hieser, Instructor, Home Economics 4-H Club Work (See Smith-Lever Fund).....	E-DY	(5 000)
44. Frances E. Cook, Instructor, Foods (See Smith-Lever Fund).....	E-DY	(4 900)
45. Catherine M. Sullivan, Instructor, Home Management (See State Agricultural Extension).....	E-DY ₅₀	(2 500)
(See Smith-Lever Fund).....	E-DY ₅₀	(2 500)
(Total Salary).....		(5 000)
46. Mrs. Helen D. Turner, Assistant State Leader and Instructor (See Smith-Lever Fund).....	E-DY	(4 800)
47. Geraldine E. Acker, Instructor, Foods and Nutrition (See Smith-Lever Fund).....	E-DY	(4 300)
48. ———, Instructor and First Assistant.....	C-DY ₅₀	2 000
(See Bankhead-Jones Fund).....	S-DY ₅₀	(2 000)
(Total Salary).....		(4 000)
49. Mary E. Vick, Instructor, Institution Management....	C-D	4 000 ³⁴
50. Myra L. Baker, Instructor.....	C-D	3 500
51. ———, Instructor.....	C-D	3 800
52. Dorothy F. Durrell, Instructor.....	C-D ₇₅	2 925
(See Student Counseling Bureau).....	D ₂₅	(975)
(Total Salary).....		(3 900)
53. Mrs. Millicent V. Martin, Instructor.....	C-D	3 350
54. ———, Instructor.....	C-D	4 200
55. ———, Instructor.....	C-D	3 450
56. Marian M. Sympson, Assistant State Leader, with rank of Instructor (See Smith-Lever Fund).....	E-DY	(4 750)

57. K. Virginia Seidel, Instructor, Home Economics 4-H Club Work (See State Agricultural Extension).....	E-DY	(4 300)
58. Helen R. Marshall, Instructor, Child Development and Family Relations (See State Agricultural Extension).....	E-DY	(4 800)
59. _____, Instructor, Home Furnishings (See State Agricultural Extension).....	E-DY	(4 000)
60. _____, Instructor, Child Development.....	C-D	3 000
61. Mrs. Winifred C. Newton, Assistant.....	S-DY	3 250
62. Lucile F. Adamson, Assistant (See Purnell Fund).....	S-DY	(3 800)
63. Virginia Charles, Assistant (See Bankhead-Jones Fund).....	S-DY ₆₀	(2 250)
(See Purnell Fund).....	S-DY ₄₀	(1 500)
(Total Salary).....		(3 750)
64. Olive M. Batcher, Assistant (See Purnell Fund).....	S-DY ₅₀	(1 900)
(See Bankhead-Jones Fund).....	S-DY ₅₀	(1 900)
(Total Salary).....		(3 800)
65. Mrs. Elwanda D. White, Assistant (See Purnell Fund).....	S-DY	(3 550)
66. Mrs. Elizabeth E. Shirley, Assistant.....	C-E	2 500 ^M
67. 4.50 Part-time Assistants.....	C-E	11 800
68. Nonacademic Salaries, College.....		21 570
Total, Salaries, College.....		(147 655)
Total, Salaries, Station.....		(17 845)
Total, Salaries.....		(165 500)
Wages, College.....		2 000
Total, Salaries and Wages, College.....		(149 655)
Total, Salaries and Wages, Station.....		(17 845)
Total, Salaries and Wages.....		(167 500)

Expense and Equipment

COLLEGE

Expense.....	18 000
Equipment.....	2 000
Convention Travel.....	1 250
Total, College.....	(21 250)

STATION

Expense.....	3 500
Equipment.....	1 500
Convention Travel.....	250
Total, Station.....	(5 250)
Total, Expense and Equipment.....	(26 500)
Total, Home Economics, College.....	\$(170 905)
Total, Home Economics, Station.....	\$(23 095)
Total, Home Economics.....	\$ 194 000

Home Economics Cafeteria (Entire budget from receipts)*Salaries and Wages*

1. .88 Part-time Assistants.....	E	\$ 2 205 ^M
2. Nonacademic Salaries.....		5 010
Total, Salaries.....		(7 215)
Wages.....		1 000
Total, Salaries and Wages.....		(8 215)

Expense and Equipment

Expense.....	13 500
Equipment.....	300
Total, Expense and Equipment.....	(13 800)
Total, Home Economics Cafeteria.....	\$ 22 015

<i>Salaries and Wages</i>		Horticulture	
1.	C. J. Birkeland, Professor and Head of Department....	{C-AY50 S-AY50	\$ 4 850 4 850 (9 700)
	(Total Salary).....		.....
2.	M. J. Dorsey, Professor, <i>Emeritus</i>.....		.....
	(Retiring allowance payable by Retirement System)		.....
3.	H. B. Dorner, Professor, <i>Emeritus</i>.....		.....
	(Retiring allowance payable by Retirement System)		.....
4.	A. S. Colby, Professor, Pomology.....	{C-AY50 S-AY50	4 200 4 200 (8 400)
	(Total Salary).....		.....
5.	H. W. Anderson, Professor, Plant Pathology.....	{C-AY25 S-AY75	2 300 6 900 (9 200)
	(Total Salary).....		.....
6.	W. A. Huelsen, Professor, Vegetable Crops.....	{C-AY30 S-AY70	2 430 5 670 (8 100)
	(Total Salary).....		.....
7.	M. B. Linford, Professor, Plant Pathology.....	{C-AY50 S-AY50	4 600 4 600 (9 200)
	(Total Salary).....		.....
8.	F. F. Weinard, Professor, Floriculture.....	{C-AY45 S-AY55	3 375 4 125 (7 500)
	(Total Salary).....		.....
9.	V. W. Kelley, Associate Professor, Pomology.....	{C-AY25 S-AY75	1 575 4 725 (6 300)
	(Total Salary).....		.....
10.	R. V. Lott, Associate Professor, Pomology.....	{C-AY30 S-AY70	2 160 5 040 (7 200)
	(Total Salary).....		.....
11.	H. H. Thornberry, Associate Professor, Plant Pathology	{C-AY20 S-AY80	1 360 5 440 (6 800)
	(Total Salary).....		.....
12.	J. P. McCollum, Associate Professor, Vegetable Crops..	{C-AY40 S-AY60	2 720 4 080 (6 800)
	(Total Salary).....		.....
13.	J. R. Kamp, Associate Professor, Floriculture.....	{C-A70 S-AY30	4 410 1 890 (6 300)
	(Total Salary).....		.....
14.	M. B. Linn, Associate Professor, Plant Pathology.....	{C-AY20 S-AY80	1 520 6 080 (7 600)
	(Total Salary).....		.....
15.	Dwight Powell, Associate Professor, Plant Pathology... (See Bankhead-Jones Fund).....	C-AY42 S-AY58	3 200 (4 000)
	(Total Salary).....		(7 200)
16.	David Gottlieb, Associate Professor..... (See Special Graduate Fund).....	S-AY50 AY50	3 500 (3 500)
	(Total Salary).....		(7 000)
17.	B. L. Weaver, Assistant Professor, Vegetable Crops....	{C-BY40 S-BY60	2 280 3 420 (5 700)
	(Total Salary).....		.....
18.	L. A. Somers, Assistant Professor (See Smith-Lever Fund).....	E-BY	(5 400)
19.	J. R. Culbert, Assistant Professor, Floriculture.....	{C-BY50 S-BY50	2 850 2 850 (5 700)
	(Total Salary).....		.....
20.	J. C. McDaniel, Assistant Professor (See State Agricultural Extension).....	E-BY	(6 000)
21.	W. N. Brown, Assistant Professor, Vegetable Crops.... (See Research and Marketing Fund).....	C-BY54 S-BY46	3 000 (2 500)
	(Total Salary).....		(5 500)
22.	C. Y. Arnold, Assistant Professor, Vegetable Crops....	{C-BY50 S-BY50	2 700 2 700 (5 400)
	(Total Salary).....		.....

23. James Hutchinson, Associate, <i>Emeritus</i> (From Retiring Allowances).....		(1 420)
24. ———, First Assistant, Vegetable Crops (See Bankhead-Jones Fund).....	S-DY	(4 700)
25. G. M. Fosler, Instructor and First Assistant, Floriculture { (Total Salary).....	{C-DY ₅₀ S-DY ₅₀	2 350 2 350 (4 700)
26. D. D. Hickman, Instructor and First Assistant, Floriculture.....	{C-DY ₅₀ S-DY ₅₀	2 150 2 150 (4 300)
27. R. K. Simons, Instructor and First Assistant, Pomology { (Total Salary).....	{C-DY ₅₀ S-DY ₅₀	2 500 2 500 (5 000)
28. J. S. Titus, Instructor and First Assistant, Pomology... { (Total Salary).....	{C-DY ₅₀ S-DY ₅₀	2 250 2 250 (4 500)
29. ———, Instructor and First Assistant, Vegetable Crops.....	S-DY ₅₀	2 300 ¹
(See State Agricultural Extension).....	E-DY ₅₀	(2 300)
(Total Salary).....		(4 600)
30. H. R. Kemmerer, Instructor (See State Agricultural Extension).....	E-DY	(5 000)
31. D. F. Dayton, First Assistant, Plant Breeding (See Adams Fund).....	S-DY	(4 400)
32. H. C. Barrett, First Assistant.....	S-DY	4 400
33. D. C. Saupe, Assistant.....	S-DY	3 500
34. 1.75 Part-time Assistants.....	C-E	5 625
2.00 Part-time Assistants.....	S-DY	6 705
(Total, Part-time Assistants).....		(12 330)
35. Nonacademic Salaries, College.....		33 435
Nonacademic Salaries, Station.....		99 255
(Total, Nonacademic Salaries).....		(132 690)
Total, Salaries, College.....		(97 840)
Total, Salaries, Station.....		(195 480)
Total, Salaries.....		(293 320)
Wages, College.....		1 000
Wages, Station.....		4 800
Total, Wages.....		(5 800)
Total, Salaries and Wages, College.....		(98 840)
Total, Salaries and Wages, Station.....		(200 280)
Total, Salaries and Wages.....		(299 120)
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		9 600
Convention Travel.....		400
Equipment.....		500
Total, College.....		(10 500)
STATION		
Expense.....		25 500
Convention Travel.....		500
Equipment.....		1 500
Total, Station.....		(27 500)
Total, Expense and Equipment.....		(38 000)
Total, Horticulture, College.....		\$(109 340)
Total, Horticulture, Station.....		\$(227 780)
Total, Horticulture.....		\$ 337 120

*Salaries and Wages***Veterinary Research**

1. Robert Graham, Professor and Head of Department... S-AY ₂₅	\$ 2 960
(See Veterinary Medicine Administration)..... AY ₇₅	(8 890)
(Total Salary).....	(11 850)

¹ With house, light, and telephone furnished for the convenience of the employee, \$550.

2. Jesse Sampson, Professor	S-AY29	2 600
(See Veterinary Physiology and Pharmacology)	AY71	(6 500)
(Total Salary)		(9 100)
3. C. C. Morrill, Professor	S-AY29	2 600
(See Veterinary Pathology and Hygiene)	AY71	(6 500)
(Total Salary)		(9 100)
4. L. E. St. Clair, Professor	S-AY24	2 032
(See Veterinary Anatomy and Histology)	AY76	(6 368)
(Total Salary)		(8 400)
5. J. O. Alberts, Professor	S-AY35	2 752
(See Veterinary Pathology and Hygiene)	AY65	(5 048)
(Total Salary)		(7 800)
6. _____, Associate Professor	S-AY	6 700
7. N. D. Levine, Associate Professor	S-AY28	2 029
(See Veterinary Pathology and Hygiene)	AY72	(5 271)
(Total Salary)		(7 300)
8. P. D. Beamer, Associate Professor	S-AY21	1 470
(See Veterinary Pathology and Hygiene)	AY79	(5 530)
(Total Salary)		(7 000)
9. Ethel McNeil, Associate Professor	S-AY75	4 875
(See Veterinary Pathology and Hygiene)	AY25	(1 625)
(Total Salary)		(6 500)
10. H. S. Bryan, Assistant Professor	S-BY31	2 092
(See Veterinary Pathology and Hygiene)	BY69	(4 608)
(Total Salary)		(6 700)
11. R. P. Link, Associate Professor	S-AY10	645
(See Veterinary Physiology and Pharmacology)	AY90	(6 075)
(Total Salary)		(6 720)
12. M. S. Cover, Assistant Professor	S-BY8	557
(See Veterinary Anatomy and Histology)	BY92	(6 143)
(Total Salary)		(6 700)
13. O. D. Grace, Assistant Professor (Without Salary) . . . . .		.....
(See Veterinary Pathology and Hygiene)		
14. S. C. Schmittle, Instructor	S-DY	(5 322)
(See Veterinary Pathology and Hygiene)		
15. M. E. Mansfield, Assistant Professor	S-BY15	968
(See Smith-Lever Fund)	BY70	(4 515)
(See Dixon Springs)	BY15	(967)
(Total Salary)		(6 450)
16. L. E. Hanson, Instructor	S-DY	(4 500)
(See Veterinary Pathology and Hygiene)		
17. Rebecca K. Borton, Instructor	S-DY75	(3 200)
(See Bankhead-Jones Fund)	DY25	(1 100)
(See Veterinary Physiology and Pharmacology)		(4 300)
(Total Salary)		2 790
18. Nonacademic Salaries		(44 892)
<i>Total, Salaries</i>		
<i>Expense and Equipment</i>		
<i>Expense</i>		26 800
<i>Total, Veterinary Research</i>		\$ 71 692

Adams Fund

1. H. H. Mitchell (See Animal Science, Item 5)	AY15	\$ 1 680
2. Elmer Roberts (See Animal Science, Item 6)	AY24	2 150
3. T. S. Hamilton (See Animal Science, Item 10)	AY11	1 140
4. Mrs. Uva G. Frey (See Animal Science, Item 32)	DY42	1 440
5. D. F. Dayton (See Horticulture, Item 31)	DY	4 400
6. Nonacademic Salaries		1 590
<i>Total, Salaries</i>		(12 400)
<i>Wages</i>		2 600
<i>Total, Salaries and Wages</i>		(15 000)
<i>Total, Adams Fund</i>		\$ 15 000

*Salaries and Wages***Bankhead-Jones Fund**

1. R. J. Webb (See Dixon Springs, Item 1).....	AY35	\$ 2 880
2. M. W. Madison (See Agricultural Economics, Item 33)....	DY30	1 850
3. A. G. Mueller (See Agricultural Economics, Item 39)....	DY90	4 320
4. K. H. Hinchcliff (See Agricultural Engineering, Item 5)...	AY20	1 700
5. G. E. Pickard (See Agricultural Engineering, Item 6)....	AY29	2 400
6. H. P. Bateman (See Agricultural Engineering, Item 9)...	DY	4 850
7. R. O. Weibel (See Agronomy, Item 36).....	BY	6 500
8. J. B. Fehrenbacher (See Agronomy, Item 40).....	BY	6 000
9. A. H. Beavers (See Agronomy, Item 45).....	BY47	2 700
10. B. W. Ray (See Agronomy, Item 55).....	DY	4 500
11. R. M. Forbes (See Animal Science, Item 15).....	AY50	3 400
12. W. T. Haines (See Animal Science, Item 30).....	DY50	2 600
13. R. W. Lorenz (See Forestry, Item 2).....	AY	7 600
14. W. L. Meek (See Forestry, Item 10).....	DY	4 400
15. J. J. Jokela (See Forestry, Item 11).....	DY	4 400
16. _____ (See Home Economics, Item 48).....	DY50	2 000
17. Virginia Charles (See Home Economics, Item 63).....	DY60	2 250
18. Olive Batchter (See Home Economics, Item 64).....	DY50	1 900
19. Dwight Powell (See Horticulture, Item 15).....	AY58	4 000
20. _____ (See Horticulture, Item 24).....	DY	4 700
21. Rebecca K. Borton (See Veterinary Research, Item 17)...	DY75	3 200
22. Nonacademic Salaries.....		13 920
<i>Total, Salaries</i>		(92 070)
Wages.....		2 421
<i>Total, Salaries and Wages</i>		(94 491)
<i>Expense and Equipment</i>		
Expense.....		4 000
Equipment.....		1 000
<i>Total, Expense and Equipment</i>		(5 000)
<i>Total, Bankhead-Jones Fund</i>		\$ 99 491

*Salaries and Wages***Hatch Fund**

1. Anna C. Glover (See Administration, Item 13).....	AY25	\$ 1 800
2. A. W. Janes (See Administration, Item 15).....	BY50	2 925
3. Margaret P. McGlothlin (See Administration, Item 17)...	DY50	2 300
4. J. W. Pendleton (See Agronomy, Item 50).....	DY44	2 100
5. D. L. Lynch (See Agronomy, Item 51).....	DY40	1 800
6. W. B. Nevens (See Dairy Science, Item 6).....	AI4	1 200
7. Nonacademic Salaries.....		2 250
<i>Total, Salaries</i>		(14 375)
Wages.....		625
<i>Total, Salaries and Wages</i>		(15 000)
<i>Total, Hatch Fund</i>		\$ 15 000

*Salaries and Wages***Purnell Fund**

1. E. J. Working (See Agricultural Economics, Item 8).....	A25	\$ 2 025
2. R. H. Wilcox (See Agricultural Economics, Item 16)....	AY50	3 450
3. R. A. Hinton (See Agricultural Economics, Item 40)....	DY60	2 760
4. Sleeter Bull (See Animal Science, Item 7).....	AY21	1 800
5. Frances O. Van Duyn (See Home Economics, Item 13)...	AY25	1 680
6. Mrs. Ruth C. Freeman (See Home Economics, Item 19)...	BY31	1 500
7. Beula McKey (See Home Economics, Item 24).....	BY18	1 300
8. Lucile F. Adamson (See Home Economics, Item 62)....	DY	3 800
9. Virginia Charles (See Home Economics, Item 63).....	DY40	1 500
10. Olive M. Batchter (See Home Economics, Item 64)....	DY50	1 900
11. Mrs. Elwanda D. White (See Home Economics, Item 65)...	DY	3 550
12. 1.00 Part-time Assistants.....		3 200
13. Nonacademic Salaries.....		15 795
<i>Total, Salaries</i>		(44 260)
Wages.....		7 740
<i>Total, Salaries and Wages</i>		(52 000)

Expense and Equipment

Expense.....	6 000
Equipment.....	2 000
<i>Total, Expense and Equipment</i>	(8 000)
<i>Total, Purnell Fund</i>	\$ 60 000

Regional Research Fund*Salaries and Wages*

1. M. R. Hodgell (See Agricultural Engineering, Item 23)....	DY50	\$ 2 425
Wages.....		895
<i>Total, Salaries and Wages</i>		(3 320)

Expense and Equipment

Expense.....	10 000
Equipment.....	4 000
<i>Total, Expense and Equipment</i>	(14 000)
<i>Total, Regional Research Fund</i>	\$ 17 320

Research and Marketing Fund*Salaries and Wages*

1. R. A. Kelly (See Agricultural Economics, Item 25).....	BY75	\$ 4 800
2. W. J. Wills (See Agricultural Economics, Item 29).....	BY80	4 560
3. T. A. Hieronymus (See Agricultural Economics, Item 30)...	BY25	1 570
4. E. E. Broadbent (See Agricultural Economics, Item 35)...	DY30	1 800
5. V. I. West (See Agricultural Economics, Item 36).....	DY50	2 700
6. M. R. Hodgell (See Agricultural Engineering, Item 23)...	DY50	2 425
7. R. H. Rust (See Agronomy, Item 52).....	DY	4 500
8. D. A. Vaughan (See Animal Science, Item 34).....	DY	3 450
9. Mrs. Janet L. Page (See Animal Science, Item 35).....	DY	3 450
10. Margaret B. Keane (See Animal Science, Item 36).....	DY52	1 800
11. R. L. Hays (See Dairy Science, Item 19).....	BY43	2 375
12. R. M. Whitney (See Food Technology, Item 5).....	AY75	5 250
13. F. W. McMillan (See Forestry, Item 13).....	DY	3 200
14. Marian E. Tolbert (See Home Economics, Item 32).....	DY	5 400
15. Helen E. McCullough (See Home Economics, Item 37)...	DY	5 300
16. W. N. Brown (See Horticulture, Item 21).....	BY46	2 500
17. 1.00 Part-time Assistants.....	E	2 400
18. Nonacademic Salaries.....		28 020
<i>Total, Salaries</i>		(85 500)
Wages.....		4 697
<i>Total, Salaries and Wages</i>		(90 197)

Expense and Equipment

Expense.....	12 000
Equipment.....	3 000
<i>Total, Expense and Equipment</i>	(15 000)
<i>Total, Research and Marketing Fund</i>	\$105 197

EXTENSION SERVICE**State Farm and Home Advisers***Salaries and Wages*

1. County Farm Advisers		
99 at \$2,228.....	DY	\$220 572
(17 at \$960, Bankhead-Flannagan Fund).....		(16 320)
(82 at \$960, Smith-Lever Fund).....		(78 720)
(Total, 99 at \$3,188).....		(315 612) ¹
2. County Home Advisers		
92 at \$2,436.....	DY	224 112
(32 at \$960, Bankhead-Flannagan Fund).....		(30 720)
(38 at \$960, Capper-Ketcham Fund).....		(36 480)
(22 at \$960, Smith-Lever Fund).....		(21 120)
(Total, 92 at \$3,396).....		(312 432) ²
<i>Total, State Farm and Home Advisers</i>		\$444 684

¹ The county farm advisers receive additional salary from the local farm bureaus.² Certain county home advisers receive additional salary from local home bureaus.

State Agricultural Extension

Salaries and Wages

ADMINISTRATION

1. H. W. Bean (See Administration, Item 9).....	BY39	\$ 3 000
2. O. L. Whalin, Associate Professor.....	AY	6 850
3. Hadley Read (See Administration, Item 14).....	BY46	3 200
4. D. M. Hall, Assistant Professor.....	BY	6 000
5. _____, Assistant Professor, Camp Program.....	DY	6 000
6. F. H. Root, Instructor, Camp Management.....	DY	5 400

PUBLICATIONS

7. Margery E. Suhre, Assistant Editor of Publications, with rank of Instructor.....	DY	4 800
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EXTENSION EDITORS

8. Jessie E. Heathman, Assistant Extension Editor and Assistant Professor, Home Economics Extension.....	BY68	4 400
(See Smith-Lever Fund).....	BY32	(2 100)
(Total Salary).....		(6 500)
9. J. A. Murray, Assistant Extension Editor and Assistant Professor, Agricultural Extension.....	BY	5 500
10. L. J. Noordhoff, Assistant Extension Editor, with rank of Instructor.....	DY	5 000
11. R. A. Jarnagin, Assistant Extension Editor and Instructor, Agricultural Extension.....	DY	5 000
12. Mrs. Claire O. Ciha, Assistant Extension Editor and Assistant, Agricultural Extension.....	DY	4 000

AGRICULTURAL 4-H CLUB WORK

13. R. O. Lyon, Assistant Professor, Agricultural 4-H Club Work.....	BY61	3 300
(See Smith-Lever Fund).....	BY39	(2 100)
(Total Salary).....		(5 400)
14. H. J. Wetzel, Instructor, Agricultural 4-H Club Work....	DY57	2 800
(See Smith-Lever Fund).....	DY43	(2 100)
(Total Salary).....		(4 900)

AGRICULTURAL ECONOMICS

15. J. B. Andrews (See Agricultural Economics, Item 14)....	AY50	4 000
16. J. E. Wills (See Agricultural Economics, Item 18).....	AY30	2 370
17. L. F. Stice (See Agricultural Economics, Item 20).....	AY45	3 330
18. A. T. Anderson (See Agricultural Economics, Item 23)...	AY	7 200
19. G. B. Whitman (See Agricultural Economics, Item 24)...	AY	6 600
20. E. E. Broadbent (See Agricultural Economics, Item 35)...	DY40	2 400
21. W. F. Lomasney (See Agricultural Economics, Item 38)...	DY50	2 750

AGRICULTURAL ENGINEERING

22. F. W. Andrew (See Agricultural Engineering, Item 8)....	BY	5 700
23. Wendell Bowers (See Agricultural Engineering, Item 17)...	DY	4 000

AGRONOMY

24. A. U. Thor (See Agronomy, Item 35).....	BY	6 200
25. W. F. Purnell (See Agronomy, Item 37).....	BY60	3 750

DIXON SPRINGS

26. R. J. Webb (See Dixon Springs, Item 1).....	AY30	2 475
27. G. E. McKibben (See Dixon Springs, Item 5).....	BY25	1 525
28. H. A. Cate (See Dixon Springs, Item 8).....	DY75	3 525

FORESTRY

29. W. F. Bulkley (See Forestry, Item 7).....	DY68	3 530
30. B. F. Kent (See Forestry, Item 9).....	DY	4 700
31. G. R. Cunningham (See Forestry, Item 12).....	DY60	2 480

HOME ECONOMICS

32. Margueritte Briggs (See Home Economics, Item 29).....	BY	5 750
33. _____ (See Home Economics, Item 33).....	DY	5 300

34. Catherine M. Sullivan (See Home Economics, Item 45)...	DY ⁵⁰	2 500
35. K. Virginia Seidel (See Home Economics, Item 57).....	DY	4 300
36. Helen R. Marshall (See Home Economics, Item 58).....	DY	4 800
37. _____ (See Home Economics, Item 59).....	DY	4 000

HORTICULTURE

38. J. C. McDaniel (See Horticulture, Item 20).....	BY	6 000
39. _____ (See Horticulture, Item 29).....	DY ⁵⁰	2 300
40. H. R. Kemmerer (See Horticulture, Item 30).....	DY	5 000
41. Nonacademic Salaries.....		110 670
<i>Total, Salaries</i>		(282 405)
Wages.....		4 000
<i>Total, Salaries and Wages</i>		(286 405)
<i>Expense and Equipment</i>		
Expense.....		26 000
Equipment.....		4 000
<i>Total, Expense and Equipment</i>		(30 000)
<i>Total, State Agricultural Extension</i>		\$316 405

Additional Cooperative Fund

<i>Salaries and Wages</i>		
1. Clareta Walker (See Home Economics, Item 28).....	BY	\$ 5 400
Wages.....		4 000
<i>Total, Salaries and Wages</i>		(9 400)
<i>Expense and Equipment</i>		
Expense.....		1 337
<i>Total, Additional Cooperative Fund</i>		\$ 10 737

Bankhead-Flannagan Fund

<i>Salaries and Wages</i>		
1. County Farm Advisers (See State Farm and Home Advisers).....	DY	\$ 16 320
2. County Home Advisers (See State Farm and Home Advisers).....	DY	30 720
3. County Assistants for Farm and Home Advisers.....	DY	261 800
4. _____, Instructor, 4-H Club.....	DY	4 000
5. L. H. Simerl (See Agricultural Economics, Item 22).....	AY	7 400
6. _____ (See Agricultural Engineering, Item 20).....	DY	4 000
7. W. O. Scott (See Agronomy, Item 39).....	BY	6 000
8. Lulu S. Black (See Home Economics, Item 18).....	BY	5 850
<i>Total, Salaries</i>		(336 090)
Wages.....		5 858
<i>Total, Salaries and Wages</i>		(341 948)
<i>Expense and Equipment</i>		
Expense.....		23 000
Equipment.....		10 000
<i>Total, Expense and Equipment</i>		(33 000)
<i>Total, Bankhead-Flannagan Fund</i>		\$374 948

Capper-Ketcham Fund

<i>Salaries and Wages</i>		
1. County Home Advisers (See State Farm and Home Advisers).....	DY	\$ 36 480
<i>Expense and Equipment</i>		
Expense.....		1 476
<i>Total, Capper-Ketcham Fund</i>		\$ 37 956

Smith-Lever Fund (Including Bankhead-Jones)*Salaries and Wages***ADMINISTRATION**

1. H. P. Rusk (See Administration, Item 1).....	BY ³²	\$ 5 300
2. W. G. Kammlade (See Administration, Item 6).....	BY ⁸⁵	9 600

EXTENSION EDITORS

3. Hadley Read (See Administration, Item 14)..... BY28 2 000
 4. Jessie E. Heathman (See State Agricultural Extension,
 Item 7)..... BY32 2 100

FARM ADVISERS AND SUPERVISORS

5. F. E. Longmire, Assistant State Leader of Farm Advisers
 and Professor, Agricultural Extension..... AY 8 600
 6. J. D. Bilsborrow, Professor, Agricultural Extension,
Emeritus.....
 (Retiring allowance payable by Retirement System)
 7. W. D. Murphy, Assistant State Leader of Farm Advisers
 and Assistant Professor, Agricultural Extension.... BY 8 100
 8. H. H. Gordon, Assistant State Leader of Farm Advisers
 and Assistant Professor, Agricultural Extension.... BY 6 750
 9. H. R. Brunnemeyer, Assistant State Leader of Farm Ad-
 visers and Assistant Professor, Agricultural Extension BY 7 700
 10. W. F. Coolige, Assistant State Leader of Farm Advisers
 and Assistant Professor, Agricultural Extension.... BY 7 700
 11. E. H. Regnier (See Agricultural Economics, Item 19).... AY75 5 775
 12. County Farm Advisers (See State Farm and Home Ad-
 visers Salaries)..... DY 78 720

HOME ADVISERS AND SUPERVISORS

13. Mrs. Kathryn V. Burns (See Home Economics, Item 3) .. AY80 7 040
 14. Anna W. Searl (See Home Economics, Item 16)..... BY 6 250
 15. Gertrude E. Kaiser (See Home Economics, Item 23).... BY 5 300
 16. Mrs. Mary S. Ligon (See Home Economics, Item 25).... BY 5 300
 17. Mrs. Helen D. Turner (See Home Economics, Item 46)... DY 4 800
 18. Marian M. Simpson (See Home Economics, Item 56).... DY 4 750
 19. County Home Advisers (See State Farm and Home Ad-
 visers Salaries)..... DY 21 120

AGRICULTURAL 4-H CLUB WORK

20. E. I. Pilchard, Associate Professor, Agricultural 4-H Club
 Work..... AY 7 500
 21. O. F. Gaebe, Assistant Professor, Agricultural 4-H Club
 Work..... BY 6 750
 22. F. H. Mynard, Assistant Professor, Agricultural 4-H Club
 Work..... BY 6 100
 23. R. O. Lyon (See State Agricultural Extension, Item 13) .. BY39 2 100
 24. H. J. Wetzel (See State Agricultural Extension, Item 14) .. DY43 2 100

HOME ECONOMICS 4-H CLUB WORK

25. Mary A. McKee (See Home Economics, Item 21)..... BY 5 500
 26. Florence A. Kimmelshue (See Home Economics, Item 27) .. BY 5 300
 27. Erma Cottingham (See Home Economics, Item 41)..... DY 5 000
 28. Lucile Hieser (See Home Economics, Item 43)..... DY 5 000

AGRICULTURAL ECONOMICS

29. J. B. Cunningham (See Agricultural Economics, Item 17) .. AY 7 000
 30. L. F. Stice (See Agricultural Economics, Item 20)..... AY30 2,220
 31. M. W. Madison (See Agricultural Economics, Item 33).... DY70 4 400

AGRICULTURAL ENGINEERING

32. K. H. Hinchcliff (See Agricultural Engineering, Item 5) .. AY80 6 800
 33. B. F. Muirheid (See Agricultural Engineering, Item 12) .. DY 5 300

AGRONOMY

34. J. C. Hackleman (See Agronomy, Item 5)..... AY 8 600
 35. C. M. Linsley (See Agronomy, Item 19)..... AY 8 600
 36. E. D. Walker (See Agronomy, Item 26)..... AY 6 800

ANIMAL SCIENCE

37. H. G. Russell (See Animal Science, Item 11)..... AY 8 500
 38. S. F. Ridlen (See Animal Science, Item 21)..... BY 6 250
 39. G. R. Carlisle (See Animal Science, Item 23)..... BY 6 500

DAIRY SCIENCE

40. C. S. Rhode (See Dairy Science, Item 5).....	AY	8 600
41. J. G. Cash (See Dairy Science, Item 8).....	AY	7 300
42. L. R. Fryman (See Dairy Science, Item 21).....	BY	5 100

ENTOMOLOGY

43. H. B. Petty, Jr., Assistant Professor.....	BY	6 750
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FORESTRY

44. L. B. Culver (See Forestry, Item 4).....	AY73	5 400
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HOME ECONOMICS

45. Grace B. Armstrong (See Home Economics, Item 9).....	AY	6 650
46. Edna R. Gray (See Home Economics, Item 15).....	BY	6 000
47. Mrs. Ruth C. Freeman (See Home Economics, Item 19).....	BY69	3 800
48. Dorothy Iwig (See Home Economics, Item 20).....	BY	6 050
49. Fern Carl (See Home Economics, Item 42).....	DY	5 200
50. Frances E. Cook (See Home Economics, Item 44).....	DY	4 900
51. Catherine M. Sullivan (See Home Economics, Item 45).....	DY50	2 500
52. Geraldine E. Acker (See Home Economics, Item 47).....	DY	4 300

HORTICULTURE

53. L. A. Somers (See Horticulture, Item 18).....	BY	5 400
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VETERINARY PATHOLOGY AND HYGIENE

54. M. E. Mansfield (See Veterinary Research, Item 15).....	BY70	4 515
55. G. T. Woods (See Veterinary Pathology and Hygiene, Item 10).....	BY60	3 550
<i>Total, Salaries</i>		(399 240)

Wages.....

Total, Salaries and Wages..... (407 327)

Expense and Equipment

Expense..... 110 000

Equipment..... 12 000

Total, Expense and Equipment..... (122 000)

Total, Smith-Lever Fund..... \$529 327

Research and Marketing Extension Fund*Salaries and Wages*

1. L. F. Stice (See Agricultural Economics, Item 21).....	AY25	\$ 1 850
2. E. E. Broadbent (See Agricultural Economics, Item 37).....	DY30	1 800
3. W. F. Lomasney (See Agricultural Economics, Item 40).....	DY50	2 750
<i>Total, Salaries</i>		(6 400)

Expense and Equipment

Expense..... 8 720

Total, Research and Marketing Extension Fund..... \$ 15 120

**COLLEGE OF ENGINEERING AND ENGINEERING
EXPERIMENT STATION****Summary**

<i>Instruction</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$ 49 308	\$ 9 950	\$ 59 258
Aeronautical.....	82 060	18 400	90 460
Ceramic.....	71 423	12 300	83 723
Civil.....	209 679	18 000	227 679
Electrical.....	377 405	28 100	405 505
General Engineering Drawing.....	88 850	6 950	95 800
Mechanical.....	310 235	28 010	338 245
Mining and Metallurgical.....	78 580	11 550	90 130
Physics.....	316 870	28 600	345 470
Theoretical and Applied Mechanics.....	155 875	10 550	166 425
<i>Sub-total</i>	(1 730 285)	(172 410)	(1 902 695)

Summary (Concluded)

<i>Instruction</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Student Placement Revolving		1 500	1 500
<i>Total, Instruction</i>	(1 730 285)	(173 910)	(1 904 195)
<i>Organized Research</i>			
Administration	62 437	12 150	74 587
Measurement Program	19 170	5 100	24 270
Aeronautical	6 000		6 000
Ceramic	7 883	1 550	9 433
Chemical	19 700	3 200	22 900
Civil	69 639	9 200	78 839
Electrical	17 730		17 730
Mechanical	42 360	7 000	49 360
Mining and Metallurgical	37 740	8 900	46 640
Physics		18 000	18 000
Physics Betatron	89 260	35 400	124 660
Theoretical and Applied Mechanics	61 867	6 350	68 217
<i>Sub-total</i>	(433 786)	(106 850)	(540 636)
Civil Engineering Earth Testing		3 500	3 500
Theoretical and Applied Mechanics Testing		1 500	1 500
<i>Total, Organized Research</i>	(433 786)	(111 850)	(545 636)
<i>Auxiliary Enterprises</i>			
Camp Rabideau Revolving		6 000	6 000
<i>Grand Total</i>	\$2 164 071	\$291 760	\$2 455 831

Expendable Gift Funds

Organized Research			
Estimated new projects and renewals	\$225 000	\$100 000	\$325 000

United States Government Contracts
and Indirect Costs Recovered

Organized Research			
Estimated new projects and renewals	850 000	450 000	1 300 000
<i>Total, Trust Funds</i>	\$1 075 000	\$550 000	\$1 625 000

Explanation of Symbols in Titles:

C = College; S = Station; E = Extension

Salaries and Wages

Administration

1. W. L. Everitt, Dean	C-BY ₅₀	\$ 8 063
Director	S-BY ₅₀	8 062
Professor of Electrical Engineering	AY	
(Total Salary)		(16 125)
2. M. L. Enger, Dean, <i>Emeritus</i>		
(Retiring allowance payable by Retirement System)		
3. H. H. Jordan, Associate Dean	C-BY	
Professor of General Engineering Drawing	C-AY	12 000
4. R. J. Martin, Associate Director	S-BY	
Associate Professor of Mechanical Engineering	C-AY	8 100
5. L. A. Rose, Editor, with rank of Professor, and Director of Engineering Information and Publications	S-AY	8 300
6. S. H. Pierce, Assistant Dean	C-BY ₇₅	6 000
(See General Engineering Drawing)	C-A ₂₅	(1 500)
(Total Salary)		(7 500)
7. W. E. Miller, Assistant Dean	C-B ₅₀	2 900
(See Electrical Engineering)	A ₅₀	(2 900)
(Total Salary)		(5 800)
8. E. F. Heater, Research Associate Professor	S-AY	6 750
9. G. R. Foster, Assistant Editor	S-DY	4 500

10. 7.00 Part-time Research Assistants (to be assigned to departments annually by the Director).....	S-E	17 760
11. Nonacademic Salaries, College.....		19 845
Nonacademic Salaries, Station.....		7 515
(Total, Nonacademic Salaries).....		(27 360)
Total, Salaries, College.....		(48 808)
Total, Salaries, Station.....		(60 987)
Total, Salaries.....		(109 795)
Wages, College.....		500
Wages, Station.....		1 450
Total, Wages.....		(1 950)
Total, Salaries and Wages, College.....		(49 308)
Total, Salaries and Wages, Station.....		(62 437)
Total, Salaries and Wages.....		(111 745)
<i>Expense and Equipment</i>		
COLLEGE		
Lectures.....		2 400
Expense.....		3 400
Equipment.....		2 000
Convention Travel.....		150
Contingent.....		2 000
Total, College.....		(9 950)
STATION		
Expense.....		12 000
Convention Travel.....		150
Total, Station.....		(12 150)
Total, Expense and Equipment.....		(22 100)
Total, Administration, College.....		\$ (59 258)
Total, Administration, Station.....		\$ (74 587)
Total, Administration.....		\$133 845

Student Placement Revolving (Entire budget from receipts)*Expense and Equipment*

Expense.....	\$ 1 500
Total, Student Placement Revolving.....	\$ 1 500

Cooperative Investigations*Salaries and Wages*

PROPERTIES OF ILLITE AND KAOLINITE CLAYS

1. W. D. Johns, Jr., Research Assistant in Petrography...	DY	\$ 3 960
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Measurement Program*Salaries and Wages*

1. H. N. Hayward, Director.....	S-DY50	3 870
(See Electrical Engineering).....	C-A50	(3 230)
(Total Salary).....		(7 100)
2. H. C. Roberts, Research Associate Professor.....	S-AY	(6 880)
(From Instrument Services)		
3. G. R. Peirce, Associate Professor of Electrical Engineering.....	A25	1 450
(See Electrical Engineering).....	A75	(4 350)
(Total Salary).....		(5 800)
4. Nonacademic Salaries.....		12 660
Total, Salaries.....		(17 980)
Wages.....		1 190
Total, Salaries and Wages.....		(19 170)
<i>Expense and Equipment</i>		
Expense.....		2 850
Convention Travel.....		250
Equipment.....		2 000
Total, Expense and Equipment.....		(5 100)
Total, Measurement Program (S).....		\$ 24 270

Aeronautical Engineering		
<i>Salaries and Wages</i>		
1. H. S. Stillwell, Professor and Head of Department.....	C-A	\$ 9 700
2. R. W. McCloy, Professor.....	C-A	6 800
3. M. Z. Krzywoblocki, Professor.....	C-A	6 800
4. J. M. Coan, Professor.....	C-A	6 800
5. Paul Torda, Professor.....	C-A	6 600
6. C. H. Fletcher, Research Assistant Professor.....	S-BY	6 000
7. E. P. Eales, Assistant Professor.....	C-B	(4 950)
(On leave without pay 1951-1952)		
8. A. I. Ormsbee, Assistant Professor.....	C-B	4 500
9. H. H. Hilton, Assistant Professor.....	C-B	4 400
10. Nonacademic Salaries.....	C-N	23 730
Total, Salaries, College.....		(69 330)
Total, Salaries, Station.....		(6 000)
Total, Salaries.....		(75 330)
Wages, College.....		2 730
Total, Salaries and Wages, College.....		(72 060)
Total, Salaries and Wages, Station.....		(6 000)
Total, Salaries and Wages.....		(78 060)

Expense and Equipment

COLLEGE		
Expense.....		9 000
Convention Travel.....		400
Equipment.....		9 000
Total, Expense and Equipment.....		(18 400)
Total, Aeronautical Engineering, College.....		\$(90 460)
Total, Aeronautical Engineering, Station.....		\$ (6 000)
Total, Aeronautical Engineering.....		\$ 96 460

Ceramic Engineering		
<i>Salaries and Wages</i>		
1. A. I. Andrews, Professor and Head of Department.....	C-A	\$ 10 750
2. R. K. Hursh, Professor.....	C-A	9 200
3. R. L. Cook, Professor.....	C-A	7 950
4. F. V. Tooley, Professor of Glass Technology.....	C-A	7 000
5. A. W. Allen, Associate Professor.....	C-A	6 750
6. G. F. Stockdale, Research Associate Professor.....	S-AY	6 100
7. E. D. Lynch, Assistant Professor.....	C-B	5 000
8. W. J. Meid, Assistant Professor.....	C-B	5 000
9. R. J. Beals, Assistant.....	C-E	3 650
10. Nonacademic Salaries, College.....	C-N	15 598
Nonacademic Salaries, Station.....	S-N	1 733
(Total, Nonacademic Salaries).....		(17 331)
Total, Salaries, College.....		(70 898)
Total, Salaries, Station.....		(7 833)
Total, Salaries.....		(78 731)
Wages, College.....		525
Wages, Station.....		50
Total, Wages.....		(575)
Total, Salaries and Wages, College.....		(71 423)
Total, Salaries and Wages, Station.....		(7 883)
Total, Salaries and Wages.....		(79 306)

Expense and Equipment

COLLEGE		
Expense.....		11 000
Convention Travel.....		300
Equipment.....		1 000
Total, College.....		(12 300)
STATION		
Expense.....		1 000
Convention Travel.....		50

Equipment.....	500
<i>Total, Station</i>	(1 550)
<i>Total, Expense and Equipment</i>	(13 850)
<i>Total, Ceramic Engineering, College</i>	\$ (83 723)
<i>Total, Ceramic Engineering, Station</i>	\$ (9 433)
<i>Total, Ceramic Engineering</i>	\$ 93 156

Cooperative Investigations*Salaries and Wages*

ARMY AIR FORCES (CONTRACT I4520)

1. D. G. Bennett, Research Professor.....	S-DY	\$ 8 800
2. W. J. Plankenhorn, Research Associate Professor.....	S-DY	7 000
3. J. A. Nelson, Research Associate.....	S-DY	4 900
4. T. A. Willmore, Research Assistant.....	S-DY	4 500
5. W. F. Zimmerman, Research Assistant.....	S-DY	4 200
6. C. K. Russell, Research Assistant.....	S-DY	3 600

ENAMEL STANDARDS

7. F. A. Petersen, Research Professor.....	S-DY	9 000
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FELDSPAR IN WHITEWARE INDUSTRY

8. J. C. Kyonka, Research Assistant.....	S-DY	4 500
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Chemical Engineering Research*Salaries and Wages*

1. H. F. Johnstone, Professor of Chemical Engineering....	S-A33	\$ 4 080
(See Chemistry).....	C-A67	(8 170)
<i>(Total Salary)</i>		(12 250)
2. Sherlock Swann, Jr., Research Professor.....	S-AY	7 900
3. _____, Research Associate.....	S-DY ₅₀	3 000
(From Army Chemical Corps DA-18-064-CML-445)	S-DY ₅₀	(3 000)
<i>(Total Salary)</i>		(6 000)
4. Nonacademic Salaries.....		2 820
<i>Total, Salaries</i>		(17 800)

Wages.....		1 900
<i>Total, Salaries and Wages</i>		(19 700)

Expense and Equipment

STATION

Expense.....		3 000
Convention Travel.....		200
<i>Total, Expense and Equipment</i>		(3 200)
<i>Total, Chemical Engineering Research (S)</i>		\$ 22 900

Cooperative Investigations*Salaries and Wages*

U.R.C. CASE 31 SOLUBILITY OF BOILER WATERS

1. F. G. Straub, Research Professor.....	S-DY	\$ 8 100
2. H. D. Ongman, Research Assistant.....	S-DY	3 600

ARMY CHEMICAL CORPS DA-18-064-CML-445

3. Arnold Kivnick, Research Associate.....	S-DY	5 400
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*Salaries and Wages***Civil Engineering**

1. W. C. Huntington, Professor and Head of Department..	C-A	14 000
2. W. M. Wilson, Research Professor of Structural Engineering, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. H. E. Babbitt, Professor of Sanitary Engineering.....	C-A	9 500
4. J. S. Crandell, Professor of Highway Engineering, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
5. T. C. Shedd, Professor of Structural Engineering.....	C-A	11 350
6. J. J. Doland, Professor of Hydraulic Engineering.....	C-A	9 500

7. C. C. Wiley, Professor of Highway Engineering.....	C-A	7 700
8. Jamison Vawter, Professor.....	C-A	9 500
9. E. E. King, Professor of Railway Civil Engineering, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
10. N. M. Newmark, Research Professor of Structural Engineering.....	{ C-A33 S-A67	4 024 7 826
(Total Salary).....		(11 850)
11. R. B. Peck, Research Professor of Soil Mechanics.....	{ C-AY33 S-AY67	3 380 6 770
(Total Salary).....		(10 150)
12. W. A. Oliver, Professor.....	C-A	7 400
13. J. G. Clark, Professor.....	C-A	7 300
14. W. H. Rayner, Professor.....	C-A	6 600
15. Ellis Danner, Professor of Highway Engineering.....	C-A	7 000
16. G. H. Dell, Professor.....	C-A	6 000
17. F. A. Reickert, Associate Professor.....	C-A	6 800
18. _____, Associate Professor.....	C-A	6 700
19. E. E. Bauer, Associate Professor.....	C-A	6 000
20. J. C. Dietz, Associate Professor of Sanitary Engineering.....	C-A	6 500
21. M. O. Schmidt, Associate Professor.....	C-A	6 050
22. W. W. Hay, Associate Professor of Railway Civil Engineering.....	C-A	6 050
23. C. P. Siess, Research Associate Professor.....	{ C-AY31 S-AY62	2 330 4 658
(From ONR-Task 34).....	AY7	(512)
(Total Salary).....		(7 500)
24. E. J. Daily, Assistant Professor.....	C-B	5 500
25. E. R. Bretscher, Assistant Professor.....	C-B	5 500
26. T. H. Thornburn, Research Assistant Professor.....	{ C-B50 S-BY50	2 725 3 325
(Total Salary).....		(6 050)
27. W. H. Munse, Research Assistant Professor.....	S-BY	5 805
(From ONR-Task 32).....		(995)
(Total Salary).....		(6 800)
28. J. C. Guillou, Research Assistant Professor of Hydraulic Engineering.....	S-BY69	4 500
(From Highway Drainage).....	S-DY31	(2 000)
(Total Salary).....		(6 500)
29. W. J. Austin, Research Assistant Professor.....	S-DY	5 375
(From ONR-Task VI).....		(625)
(Total Salary).....		(6 000)
30. C. S. Danner, Assistant Professor.....	C-B	4 500
31. D. A. Day, Assistant Professor.....	C-B	4 500
32. W. S. Pollard, Jr., Assistant Professor.....	C-B	4 500
33. C. P. Atkins, Assistant Professor.....	C-B75	4 100
34. H. H. Connolly, Instructor.....	C-D	4 950
35. H. S. Sundin, Instructor.....	C-D	4 200
36. J. W. Briscoe, Instructor.....	C-D	(4 000)
(On leave without pay for military service)		
37. G. A. Young, Instructor.....	C-D50	2 000
38. Karl Terzaghi, Lecturer and Consultant.....	C-DY15	1 500
39. Narbey Khachatourian, Instructor.....	C-D75	2 475
40. E. R. Baumann, Research Associate.....	S-DY55	3 025
(From Highway Drainage).....	S-DY45	(2 475)
(Total Salary).....		(5 500)
41. John R. Leek, Instructor.....	C-D	4 000
42. 1.00 Part-time Assistants.....	S-E	2 520
43. Nonacademic Salaries, College.....		12 045
Nonacademic Salaries, Station.....		24 255
(Total, Nonacademic Salaries).....		(36 300)
Total, Salaries, College.....		(206 179)
Total, Salaries, Station.....		(68 059)
Total, Salaries.....		(274 238)

Wages, College.....	3 500
Wages, Station.....	1 580
<i>Total, Wages.....</i>	<i>(5 080)</i>
<i>Total, Salaries and Wages, College.....</i>	<i>(209 679)</i>
<i>Total, Salaries and Wages, Station.....</i>	<i>(69 639)</i>
<i>Total, Salaries and Wages.....</i>	<i>(279 318)</i>

Expense and Equipment**COLLEGE**

Expense, General.....	12 400
Convention Travel.....	1 600
Equipment.....	4 000
<i>Total, College.....</i>	<i>(18 000)</i>

STATION

Expense.....	6 000
Equipment.....	3 200
<i>Total, Station.....</i>	<i>(9 200)</i>
<i>Total, Expense and Equipment.....</i>	<i>(27 200)</i>
<i>Total, Civil Engineering, College.....</i>	<i>\$(227 679)</i>
<i>Total, Civil Engineering, Station.....</i>	<i>\$ (78 839)</i>
<i>Total, Civil Engineering.....</i>	<i>\$ 306 518</i>

Cooperative Investigations**Salaries and Wages****CE ONR-07132 (TASK 32)**

1. J. R. Stallmeyer, Research Associate.....	S-DY	\$ 5 000
2. J. H. Appleton, Research Associate.....	S-GY	4 800
(One year from July 1, 1951)		
3. J. A. Brooks, Research Assistant.....	S-DY	4 300
4. W. J. Hall, Research Assistant.....	S-DY	4 000
5. F. L. Howland, Research Assistant.....	S-DY	3 600
6. H. L. Cox, Research Assistant.....	S-GY	3 900
(One year from June 16, 1951)		

CE ONR-07134

7. G. D. T. Wright, Research Assistant.....	S-DY	3 900
8. J. R. Gaston, Research Assistant.....	S-DY	3 600

COOPERATIVE RESEARCH ON HIGHWAY DRAINAGE

9. I. J. Hickenlooper, Research Associate.....	S-DY	4 800
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HIGHWAY BRIDGE IMPACT

10. L. E. Goodman, Research Assistant Professor.....	S-BY	1 800
(See Special Graduate Fund).....	S-BY	(4 500)
(Total Salary).....		(6 300)

DIVIDED POSITIONS

11. G. K. Sinnamon, Research Associate.....	S-DY	5 400
(50% U. S. Engineer CE 34; 50% CE ONR-07132-Task 32)		
12. R. J. Mosborg, Research Associate.....	S-DY	5 200
(50% U. S. Navy CE ori Task V; 50% CE ONR-07132-Task 32)		
13. H. O. Ireland, Research Associate.....	S-DY	4 400
(50% Railroad Roadbed Stabilization; 50% Cooperative Research of Highway Problems)		
14. F. W. Schutz, Research Assistant.....	S-DY	4 300
(100% Research Council Riveted and Bolted Structural Joints)		
15. T. P. Tung, Research Assistant.....	S-DY	4 300
(50% U. S. Navy CE ori Task VI; 50% Highway Bridge Impact)		
16. Sheldon Cherry, Research Assistant.....	S-GY	3 900
(50% Tests of Steel Columns; 50% CE ONR-07132-Task 32)		
(One year from June 16, 1951)		

17. A. J. Carlson, Research Assistant.....	S-GY	3 600
(50% Highway Bridge Impact; 50% CE ONR-07132-Task 32)		
(One year from June 16, 1951)		
18. L. A. Harris, Research Assistant.....	S-GY	3 600
(50% U. S. Engineer CE 34; 50% CE ONR-07132-Task 32)		
(One year from June 16, 1951)		
19. J. M. Massard, Research Assistant.....	S-GY	3 600
(50% Research Council Riveted and Bolted Structural Joints; 50% CE ONR-07132-Task 32)		
(One year from June 16, 1951)		

Civil Engineering Earth Testing (Entire budget from receipts)*Expense and Equipment*

Expense.....	\$ 3 500
Total, Civil Engineering Earth Testing (S).....	\$ 3 500

Camp Rabideau Operations (Entire budget from receipts)*Expense and Equipment*

Expense.....	\$ 6 000
Total, Camp Rabideau Operations.....	\$ 6 000

Electrical Engineering*Salaries and Wages*

1. J. D. Ryder, Professor and Head of Department.....	A	\$ 11 900
2. E. B. Paine, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. J. T. Tykociner, Research Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
4. W. L. Everitt, Professor.....		.....
(Salary under Administration)		
5. J. A. Bardeen, Professor.....	A50	5 000
(See Physics).....		
(Total Salary).....		
6. A. R. Knight, Professor.....	A	9 000
7. E. C. Jordan, Professor.....	A	8 500
8. J. O. Kraehenbuehl, Professor.....	A	8 100
9. H. M. Von Foerster, Professor.....	A	8 000
10. C. A. Keener, Professor.....	A	7 900
11. N. W. McLachlan, Visiting Professor.....	D	(8 000)
(From Educational Nonrecurring)		
12. M. A. Faucett, Professor.....	A	7 700
13. G. H. Fett, Professor.....	A	7 600
14. M. B. Reed, Professor.....	A	7 600
15. E. A. Reid, Professor.....	A	7 400
16. V. P. Hessler, Professor.....	A	7 300
17. J. K. Tuthill, Professor.....	A	6 600
18. M. S. Helm, Professor.....	A	6 500
19. H. N. Hayward, Associate Professor.....	A50	3 230
(See Measurement Program).....		
(Total Salary).....		
20. C. E. Skroder, Associate Professor.....	A	(7 100)
21. J. E. Williams, Associate Professor.....	A	6 180
22. Nelson Wax, Associate Professor.....	A	(6 120)
(From Control System Laboratory)		
23. W. L. Emery, Associate Professor.....	A	6 100
24. W. E. Miller, Associate Professor.....	A50	2 900
(See Engineering Administration).....		
(Total Salary).....		
25. L. B. Archer, Associate Professor.....	A	5 900
26. G. R. Peirce, Associate Professor.....	A75	4 350
(See Measurement Program).....		
(Total Salary).....		

27. H. W. Horn, Associate Professor	A	5 800
28. P. F. Schwarzlose, Associate Professor	A	5 800
29. C. C. Nash, Associate Professor	A	5 760
30. R. M. Wainwright, Associate Professor	A	5 700
31. H. K. Polk, Associate Professor	A	5 700
32. T. A. Murrell, Associate Professor	A	5 600
33. P. R. Egbert, Associate Professor	A50	2 700
(From Trust: Network Analyzer)	A50	(2 700)
(Total Salary)		(5 400)
34. D. S. Babb, Associate Professor	A	5 400
35. A. D. Bailey, Assistant Professor	B	5 700
36. M. S. McVay, Assistant Professor	B	5 500
37. J. A. Barkson, Assistant Professor	B	5 160
38. P. K. Hudson, Assistant Professor	B50	2 500
(From AF 33(038)-13236)	B50	(2 500)
(Total Salary)		(5 000)
39. J. P. Neal, Assistant Professor	B	4 950
40. M. H. Crothers, Assistant Professor	B	4 950
41. H. D. Webb, Assistant Professor	B	4 900
42. R. S. Elliott, Assistant Professor	B	4 900
43. D. F. Hang, Assistant Professor	B	4 830
44. W. G. Albright, Assistant Professor	B	4 800
45. R. H. Nau, Assistant Professor	B25	1 130
46. W. H. Byers, Assistant Professor	B	(4 900)
(On leave of absence without pay 1951-1952)		
47. E. F. DeMers, Assistant Professor	B	(4 800)
(On leave of absence without pay 1951-1952)		
48. P. A. Bauman, Assistant Professor	B	4 400
49. A. S. Chodakowski, Instructor	D	4 400
50. C. V. Jakowatz, Instructor	D	4 300
51. S. W. Tehon, Instructor	D	4 200
52. Buford Smith, Instructor	D	4 200
53. C. L. Coates, Instructor	D	4 200
54. H. W. Katz, Instructor	D50	2 075
(From AF 33(038)-12644)	D50	(2 075)
(Total Salary)		(4 150)
55. Bernard Silverman, Instructor	D50	2 075
(From DA-36-039-sc-205)	D50	(2 075)
(Total Salary)		(4 150)
56. Meyer Gilden, Instructor	D50	1 980
(From USAF 14742)	D50	(1 980)
(Total Salary)		(3 960)
57. H. E. Koenig, Instructor	D	3 750
58. L. O. Brown, Instructor	D	3 700
59. B. J. Wilson, Instructor	D	3 655
60. R. E. Wendt, Instructor	D	3 550
61. J. U. Jeffries, Instructor	D	3 550
62. Irving Kaufman, Instructor	D	3 325
63. G. D. McMullen, Instructor	D	3 225
64. 5.00 Part-time Assistants	E	13 200
65. Nonacademic Salaries, College		61 380
Nonacademic Salaries, Station		17 730
(Total, Nonacademic Salaries)		(79 110)
Total, Salaries, College		(366 905)
Total, Salaries, Station		(17 730)
Total, Salaries		(384 635)
Wages, College		10 500
Total, Salaries and Wages, College		(377 405)
Total, Salaries and Wages, Station		(17 730)
Total, Salaries and Wages		(395 135)
<i>Expense and Equipment</i>		
COLLEGE		
Expense		14 000
Expense (from Educational Nonrecurring)		(768)

Convention Travel	2 100
Equipment	12 000
<i>Total, Expense and Equipment</i>	(28 100)
<i>Total, Electrical Engineering, College</i>	\$ (405 505)
<i>Total, Electrical Engineering, Station</i>	\$ (17 730)
<i>Total, Electrical Engineering</i>	\$ 423 235

Cooperative Investigations*Salaries and Wages*

NoNR 336 (00)—BIO-075

1. W. J. Fry, Research Assistant Professor..... S-DY \$ 6 800

USAF 14742

2. J. A. Saloom, Research Associate..... S-DY 5 700

3. J. E. Etter, Research Associate..... S-DY 5 600

4. W. W. Cannon, Research Associate..... S-DY 5 000

ONR TASK XV

5. J. J. Myers, Research Associate..... S-DY75 4 500

6. T. R. O'Meara, Research Associate..... S-DY50 2 650

WATSON LABS. 5

7. E. W. Ernst, Research Associate..... S-DY75 4 875

NoBSR-52367

8. F. J. Fry, Research Associate..... S-DY 5 600

9. Floyd Dunn, Research Assistant..... S-DY 4 400

10. Walter Welkowitz, Research Assistant..... S-DY 4 400

AF 21255

11. L. L. Howard, Research Assistant..... S-DY 4 400

DA 36-039-SC-205

12. G. A. Petticrew, Research Associate..... S-DY 5 700

CST 10862

13. Kurt Toman, Research Assistant..... S-DY 3 600

DIVIDED POSITIONS14. E. K. Weise, Research Assistant Professor..... S-DY 7 000
(75% AF 12644; 25% AF 21255)15. J. W. Hoffman, Research Associate Professor..... S-DY 6 500
(12% AF 14742; 12% Task XV; 12% NoBSR-52367;
12% Watson Labs. 5; 12% AF 20778; 10% CST
10862; 10% AF 12644; 10% AF 21255; 10%
Task XIX)16. D. F. Holshouser, Research Assistant Professor..... S-DY 6 200
(50% Watson Labs. 5; 50% AF 14742)17. L. R. Bloom, Research Assistant Professor..... S-DY 6 000
(50% Task XIX; 25% Watson Labs. 5; 25% AF
14742)18. C. E. Drumheller, Research Assistant Professor..... S-DY 6 200
(75% AF 21255; 25% AF 12644)19. E. C. Hayden, Research Associate..... S-DY 6 000
(50% Task XV; 50% AF 20778)*Salaries and Wages* **General Engineering Drawing**

1. R. P. Hoelscher, Professor and Head of Department... A \$ 9 500

(On leave with pay Semester II, 1951-1952)

2. H. H. Jordan, Professor.....
(Salary under Administration)3. C. H. Springer, Professor..... A 7 700
(On leave with pay Semester I, 1951-1952)

4. L. D. Walker, Professor..... A 6 900

5. S. G. Hall, Professor..... A 6 800

6. F. M. Porter, Professor, <i>Emeritus</i>.....	.....
(Retiring allowance payable by Retirement System)		
7. S. H. Pierce, Associate Professor.....	A25	1 500
(See Administration).....	BY75	(6 000)
(Total Salary).....		(7 500)
8. B. O. Larson, Associate Professor.....	A	5 800
9. J. E. Pearson, Associate Professor.....	A	5 500
10. E. D. Ebert, Assistant Professor.....	B	5 200
11. R. P. Borri, Assistant Professor.....	B	5 000
12. R. S. Crossman, Assistant Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
13. W. L. Shick, Assistant Professor.....	B	4 850
14. J. S. Dobrovoly, Instructor.....	D	4 700
15. H. C. Nelson, Instructor.....	D	4 550
16. Grace Wilson, Instructor.....	D	4 450
17. H. J. Bokenkamp, Instructor.....	D	(3 870)
(On leave without pay for military service)		
18. A. G. Friederich, Instructor.....	D	4 100
19. R. D. Henson, Instructor.....	D	3 800
20. T. C. Hartley, Instructor.....	D	3 600
21. Nonacademic Salaries.....	N	2 400
<i>Total, Salaries</i>		(86 350)
Wages.....		2 500
<i>Total, Salaries and Wages</i>		(88 850)
<i>Expense and Equipment</i>		
Expense.....		4 400
Convention Travel.....		550
Equipment.....		2 000
<i>Total, Expense and Equipment</i>		(6 950)
<i>Total, General Engineering Drawing</i>		\$ 95 800

Mechanical Engineering

<i>Salaries and Wages</i>		
1. N. A. Parker, Professor and Head of Department.....	C-A	\$ 13 000
2. O. A. Leutwiler, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. A. P. Kratz, Research Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
4. J. A. Polson, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
5. C. W. Ham, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
6. C. H. Casberg, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
7. M. K. Fahnestock, Research Professor.....	S-AY	9 500
Engineering Director of Aeromedical and Physical Environment Laboratory.....	DY	
8. W. N. Espy, Professor.....	C-A	8 700
9. D. G. Ryan, Professor.....	C-A	8 700
10. K. J. Trigger, Professor.....	C-A	8 000
11. J. R. Fellows, Professor.....	C-A	7 700
12. Seichi Konzo, Professor.....	C-A	7 500
13. R. F. Larson, Professor.....	C-A	6 900
14. J. H. Potter, Professor.....	C-A	6 700
15. W. L. Hull, Professor.....	C-A	6 600
16. Everett Laitala, Professor.....	C-A	6 500
17. D. H. Krans, Professor.....	C-A	6 400
18. J. A. Henry, Professor.....	C-A75	4 725
(See Student Counseling Bureau).....	D-25	(1 575)
(Total Salary).....		(6 300)
19. E. L. Broghamer, Professor.....	C-A	6 200
20. E. D. Luke, Professor.....	C-A	6 200

21. W. H. Severns, Professor.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
22. G. W. Harper, Associate Professor.....	S-AY75	5 500
(See University Extension).....	AY25	(2 200)
(Total Salary).....		(7 700)
23. L. C. Pigage, Associate Professor.....	C-AY33	2 400
(See University Extension).....	AY33	(2 400)
(See Institute of Labor and Industrial Relations)...	AY33	(2 400)
(Total Salary).....		(7 200)
24. C. E. Schubert, Associate Professor.....	C-A	6 300
25. J. C. Miles, Associate Professor.....	C-A	5 900
26. R. J. Martin, Associate Professor.....		.....
(Salary under Administration)		
27. Francis Seyfarth, Associate Professor.....	C-A	5 900
28. C. D. Greffe, Associate Professor.....	C-A	5 700
29. H. H. Korst, Associate Professor.....	C-A	5 750
30. E. F. Hebrank, Associate Professor.....	C-A	5 500
31. D. H. Cole, Associate Professor.....	C-A	5 400
32. L. E. Doyle, Associate Professor.....	C-A	5 400
33. C. J. Starr, Associate Professor.....	C-A	5 100
34. L. M. Zubko, Associate Professor.....	C-A	5 500
35. S. F. Gilman, Research Assistant Professor.....	S-BY	5 400
36. E. S. Buffa, Assistant Professor.....	C-B	5 400
37. D. E. McFeron, Assistant Professor.....	C-B	4 500
38. H. D. Bareither, Assistant Professor.....	C-B	4 400
39. J. R. Carroll, Assistant Professor.....	C-B	4 400
40. C. H. McClay, Assistant Professor.....	C-B	4 200
41. W. J. Love, Assistant Professor.....	C-B	4 000
42. J. L. Whisenand, Assistant Professor.....	C-B	4 000
43. J. L. Leach, Assistant Professor.....	C-B50	2 600
44. J. R. Jamieson, Research Associate.....	S-DY	4 600
45. B. T. Chao, Research Associate.....	S-DY	4 500
46. E. I. Radzimovsky, Research Associate.....	S-DY	3 900
47. R. P. Strout, Instructor.....	C-D	4 100
48. C. E. Derrough, Instructor.....	C-D	4 800
49. M. B. Singer, Instructor.....	C-D	4 300
50. A. D. Wright, Instructor.....	C-D	4 200
51. A. E. Noreen, Instructor.....	C-D	4 000
52. J. W. Bayne, Instructor.....	C-D	3 900
53. D. H. Offner, Instructor.....	C-D	3 800
54. R. B. Dillaway, Instructor.....	C-D	3 800
55. W. F. Stoecker, Instructor.....	C-D	3 500
56. R. H. Page, Instructor.....	C-D	3 500
57. C. L. Sonnenschein, Instructor.....	C-D	3 500
58. _____, Instructor.....	C-D	3 500
59. A. R. Konecny, Instructor.....	C-D	3 400
60. F. G. Bauling, Research Assistant.....	S-DY50	1 800
(From Steel Car Wheels).....	S-DY50	(1 800)
(Total Salary).....		(3 600)
61. 2.0 Part-time Assistants.....	C-E	5 280
62. Nonacademic Salaries, College.....		53 755
Nonacademic Salaries, Station.....		5 375
(Total, Nonacademic Salaries).....		(59 130)
Total, Salaries, College.....		(305 510)
Total, Salaries, Station.....		(40 575)
Total, Salaries.....		(346 085)
Wages, College.....		4 725
Wages, Station.....		1 785
Total, Wages.....		(6 510)
Total, Salaries and Wages, College.....		(310 235)
Total, Salaries and Wages, Station.....		(42 360)
Total, Salaries and Wages.....		(352 595)

Expense and Equipment

COLLEGE	
Convention Travel.....	1 850
Expense.....	22 000
Equipment.....	4 160
<i>Total, College.....</i>	<i>(28 010)</i>
STATION	
General Expense.....	3 000
Safety Expense.....	2 000
Equipment.....	2 000
<i>Total, Station.....</i>	<i>(7 000)</i>
<i>Total, Expense and Equipment.....</i>	<i>(35 010)</i>
<i>Total, Mechanical Engineering, College.....</i>	<i>\$(338 245)</i>
<i>Total, Mechanical Engineering, Station.....</i>	<i>\$(49 360)</i>
<i>Total, Mechanical Engineering.....</i>	<i>\$ 387 605</i>

Cooperative Investigations**INSTITUTE OF BOILER AND RADIATOR MANUFACTURERS**

1. W. S. Harris, Professor.....	S-DY	\$ 7 600
2. L. L. Hill, Research Assistant.....	S-DY	3 500
3. L. N. Montgomery, Research Assistant.....	S-DY	3 500

**NATIONAL WARM AIR HEATING AND AIR
CONDITIONING ASSOCIATION**

4. R. W. Roose, Research Assistant Professor.....	S-DY	5 500
5. M. E. Childs, Research Associate.....	S-DY	4 300
6. H. T. Gilkey, Research Associate.....	S-DY	3 700
7. J. W. Brill, Research Assistant.....	S-DY	3 300

AMERICAN GAS ASSOCIATION

8. H. E. Straub, Research Associate.....	S-GY	3 700
(June 16, 1951, through May 15, 1952)		

TIMKEN ROLLER BEARING COMPANY

9. R. M. Wright, Research Assistant Professor.....	S-DY	6 300
10. Mrs. Frances S. Dotson, Research Assistant.....	S-DY ₅₀	1 850
(See Bureau of Economic and Business Research).....	DY ₅₀	(1 700)
(Total Salary).....		(3 550)

Salaries and Wages Mining and Metallurgical Engineering

1. H. L. Walker, Professor of Metallurgical Engineering and Head of Department.....	C-A	\$ 10 250
2. P. A. Beck, Research Professor of Physical Metallurgy..	S-AY	10 000
3. W. R. Chedsey, Professor of Mining Engineering.....	C-A	7 100
4. W. H. Voskuil, Professor of Mineral Economics.....	C-A ₁₀	1 000
(From State Geological Survey).....	DY ₉₀	(8 250)
(Total Salary).....		(9 250)
5. E. J. Eckel, Associate Professor of Metallurgical Engi- neering.....	C-A	6 900
6. W. H. Bruckner, Research Associate Professor of Metal- lurgical Engineering.....	S-AY	6 750
7. C. A. Wert, Research Associate Professor of Physical Metallurgy.....	S-AY ₅₀	3 150
(From AEC-Radiation Damage).....	S-AY ₅₀	(3 150)
(Total Salary).....		(6 300)
8. A. C. Forsyth, Associate Professor of Metallurgical Engi- neering.....	C-A	6 050
9. B. G. Ricketts, Associate Professor of Metallurgical Engineering.....	C-A	5 950
10. G. B. Clark, Associate Professor of Mining Engineering..	C-A	5 800
11. R. G. Wuerker, Assistant Professor of Mining Engi- neering.....	C-B	5 500

12. J. W. Marx, Research Assistant Professor of Physical Metallurgy.....	S-BY ₅₀	2 650
(From AEC-Radiation Damage).....	S-BY ₅₀	(2 650)
(Total Salary).....		(5 300)
13. Harry Czyzewski, Assistant Professor of Physical Metallurgy.....	C-B	5 500
14. V. D. Hildebrandt, Assistant Professor of Metallurgical Engineering.....	C-B	5 200
15. R. W. Bohl, Assistant Professor of Metallurgical Engineering.....	C-B	4 800
16. R. D. Caudle, Research Assistant in Mining Engineering.....	S-DY	3 000
17. 1.00 Part-time Assistants.....	C-E	2 640
1.00 Part-time Assistants.....	S-E	2 640
18. Nonacademic Salaries, College.....		11 190
Nonacademic Salaries, Station.....		8 850
(Total, Nonacademic Salaries).....		(20 040)
Total, Salaries, College.....		(77 880)
Total, Salaries, Station.....		(37 040)
Total, Salaries.....		(114 920)
Wages, College.....		700
Wages, Station.....		700
Total, Wages.....		(1 400)
Total, Salaries and Wages, College.....		(78 580)
Total, Salaries and Wages, Station.....		(37 740)
Total, Salaries and Wages.....		(116 320)
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		6 000
Convention Travel.....		550
Equipment.....		5 000
Total, College.....		(11 550)
STATION		
Expense.....		3 700
Convention Travel.....		200
Equipment.....		5 000
Total, Station.....		(8 900)
Total, Expense and Equipment.....		(20 450)
Total, Mining and Metallurgical Engineering, College.....		\$ (90 130)
Total, Mining and Metallurgical Engineering, Station.....		\$ (46 640)
Total, Mining and Metallurgical Engineering.....		\$136 770

Physics

<i>Salaries and Wages</i>		
1. F. W. Loomis, Professor and Head of the Department..	A	\$ 14 450
2. F. R. Watson, Professor of Experimental Physics, <i>Emeritus</i> (From Retiring Allowances).....		(2 603)
3. L. N. Ridenour, Professor.....		.....
(Salary under Graduate College)		
4. Frederick Seitz, Professor.....	A	12 700
5. P. G. Kruger, Professor.....	A ₅₀	6 300
(From N6-ori-71, Task 1).....	A ₅₀	(6 300)
(Total Salary).....		(12 600)
6. Emilio G. Segre, Visiting Professor.....	G	(5 250)
(First Semester only. From Educational Nonrecurring)		
7. G. M. Almy, Professor.....	A	11 000
8. A. T. Nordsieck, Professor.....	A	10 500
9. S. M. Dancoff, Professor.....	A	10 500
10. J. A. Bardeen, Professor.....	A ₅₀	5 000
(See Electrical Engineering).....	A ₅₀	(5 000)
(Total Salary).....		(10 000)
11. E. M. Lyman, Professor.....	A	8 800

12. C. W. Sherwin, Professor.....	A	8 600
13. Andrew Longacre, Professor.....	A	(8 300)
(Paid from N6-ori-71, Task 1)		
14. A. O. Hanson, Professor.....	A	8 200
15. R. J. Maurer, Professor.....	A	8 300
16. J. H. Bartlett, Professor.....	A	7 400
17. W. F. Schulz, Associate Professor, <i>Emeritus</i> (From Re- tiring Allowances).....		(1 655)
18. J. S. Allen, Associate Professor.....	A	7 900
19. R. B. Duffield, Associate Professor.....	A50	3 850
(See Chemistry).....		A50
(Total Salary).....		(7 700)
20. J. S. Koehler, Associate Professor.....	A25	1 900
(From AEC-Radiation Damage).....		A75
(Total Salary).....		(5 700)
21. R. A. Becker, Associate Professor.....	A	(7 600)
22. R. D. Hill, Associate Professor.....	A	7 300
23. R. F. Paton, Associate Professor.....	A	7 100
24. R. E. Meagher, Research Associate Professor.....		6 700
(Salary under Special Graduate Fund)		
25. J. M. Blatt, Associate Professor.....	A	6 400
26. R. I. Hulsizer, Associate Professor.....	A	6 300
27. G. F. Chew, Associate Professor.....	A	6 300
28. R. D. Rawcliffe, Assistant Professor.....	B	6 700
29. L. S. Lavatelli, Assistant Professor.....	B	5 500
30. Peter Axel, Assistant Professor.....	B	5 300
31. J. N. Snyder, Assistant Professor.....	B	5 200
32. D. E. Mapother, Assistant Professor.....	B	5 200
33. David Lazarus, Assistant Professor.....	B	5 200
34. C. P. Slichter, Assistant Professor.....	B	5 100
35. Giulio Ascoli, Instructor.....	D	4 600
36. J. H. Smith, Instructor.....	D	4 600
37. 15.50 Part-time Assistants.....	E	38 000
38. Nonacademic Salaries.....		62 820
<i>Total, Salaries</i>		(313 720)
Wages.....		3 150
<i>Total, Salaries and Wages</i>		(316 870)
<i>Expense and Equipment</i>		
COLLEGE		
Expense.....		24 000
Expense (Educational Nonrecurring).....		(1 000)
Equipment.....		3 000
Convention Travel.....		1 600
<i>Total, College</i>		(28 600)
STATION		
Expense.....		10 000
Equipment.....		8 000
<i>Total, Station</i>		(18 000)
<i>Total, Expense and Equipment</i>		(46 600)
<i>Total, Physics, College</i>		\$(345 470)
<i>Total, Physics, Station</i>		\$ (18 000)
<i>Total, Physics</i>		\$ 363 470

Cooperative Investigations**OFFICE OF NAVAL RESEARCH CONTRACT****N6-ORI-71 PHYSICS TASK NO. 1**

1. W. K. Jentschke, Research Assistant Professor.....	DY	\$ 8 000
2. F. R. Metzger, Research Assistant Professor.....	DY	6 000
3. E. L. Goldwasser, Research Associate.....	DY	6 200

OFFICE OF NAVAL RESEARCH CONTRACT,**N6-ORI-71, PHYSICS 07129**

4. E. A. Pearlstein, Research Associate.....	DY	5 100
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OFFICE OF NAVAL RESEARCH CONTRACT, N6-ORI-07131

5. P. M. Marcus, Research Assistant Professor.....	DY	5 800
6. W. R. Heller, Research Associate.....	DY	5 100
7. D. L. Dexter, Research Associate.....	DY ₅₀	2 400
(AEC-Radiation Damage).....	DY ₅₀	(2 400)
(Total Salary).....		(4 800)

OFFICE OF NAVAL RESEARCH CONTRACT, NONR-177(00)

8. J. D. Eshelby, Research Associate.....	GY	4 800
(September 1, 1951, to June 30, 1952, at \$4,800 a year)		
9. T. S. Noggle, Research Assistant.....	DY	3 240

ATOMIC ENERGY COMMISSION CONTRACT, AT-(11-1)-67, PROJECT No. 3

10. L. M. Slifkin, Research Associate.....	DY	5 100
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AEC CONTRACT No. 3

11. R. J. Gnaedinger, Research Associate.....	DY	4 800
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Salaries and Wages**Physics Betatron**

1. D. W. Kerst, Professor.....	AY	\$ 14 000
2. C. S. Robinson, Research Associate Professor.....	AY	8 300
3. _____, Research Assistant Professor.....	BY	9 000
4. L. J. Koester, Jr., Research Associate.....	DY	5 500
5. 3.00 Part-time Research Assistants.....	DY	10 800
6. Nonacademic Salaries.....		39 660
Total, Salaries.....		(87 260)

Wages

Total, Salaries and Wages.....		(89 260)
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Expense and Equipment

Expense.....		25 000
Equipment.....		10 400
Total, Expense and Equipment.....		(35 400)
Total, Physics Betatron.....		\$124 660

Salaries and Wages Theoretical and Applied Mechanics

1. F. B. Seely, Professor and Head of Department.....	{ C-A ₅₀ S-AY ₅₀	\$ 5 355 6 545 (11 900)
(Total Salary).....		
2. M. L. Enger, Professor of Mechanics and Hydraulics, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. H. F. Moore, Research Professor of Engineering Materials, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
4. N. E. Ensign, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
5. F. E. Richart, Research Professor of Engineering Materials.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
6. T. J. Dolan, Research Professor.....	S-AY	9 700
7. J. O. Smith, Professor.....	C-A	8 500
8. H. J. Schrader, Research Professor.....	{ C-A ₄₀ S-AY ₆₀	2 860 5 240 (8 100)
(Total Salary).....		
9. H. L. Langhaar, Professor.....	C-A	7 800
10. W. M. Lansford, Professor.....	C-A	7 350
11. J. O. Draffin, Professor.....	C-A	7 250
12. W. J. Putnam, Professor.....	C-A	7 250
13. N. O. Myklestad, Professor.....	C-A	7 250
14. W. L. Collins, Professor.....	C-A	6 850

15. W. L. Schwalbe, Professor.....	C-A	6 450
16. W. N. Findley, Research Associate Professor.....	S-AY	7 500
17. P. G. Jones, Associate Professor.....	C-A	6 250
18. W. E. Black, Associate Professor.....	C-A	6 050
19. Eivind Hognestad, Research Assistant Professor.....	S-BY	5 600
20. W. M. Owen, Research Assistant Professor.....	S-BY	5 400
21. O. M. Sidebottom, Assistant Professor.....	C-B	5 400
22. M. C. Stippes, Assistant Professor.....	C-B	5 400
23. H. M. Fitch, Assistant Professor.....	C-B	5 150
24. R. L. Brown, Assistant Professor.....	C-B	4 900
25. C. E. Kesler, Assistant Professor.....	{C-B ₅₀ S-BY ₅₀	{2 250 2 750
(Total Salary).....		(5 000)
26. C. E. Bowman, Assistant Professor.....	C-B	5 000
27. W. J. Worley, Assistant Professor.....	C-B	4 500
28. H. T. Corten, Assistant Professor.....	C-B	4 700
29. G. M. Sinclair, Research Assistant Professor.....	S-BY	5 100
30. C. E. Taylor, Assistant Professor.....	C-B	4 700
31. A. Q. Mowbray, Jr., Assistant Professor.....	C-B	4 500
32. M. E. Clark, Assistant Professor.....	C-B	4 350
33. T. M. Elsesser, Instructor.....	C-D	4 150
34. W. B. Sanders, Instructor.....	C-D	4 150
35. J. R. Snowden, Instructor.....	C-D	4 000
36. F. J. Stanek, Instructor.....	C-D	3 800
37. Nonacademic Salaries, College.....		9 240
Nonacademic Salaries, Station.....		13 032
(Total, Nonacademic Salaries).....		(22 272)
Total, Salaries, College.....		155 405
Total, Salaries, Station.....		60 867
Total, Salaries.....		(216 272)
Wages, College.....		470
Wages, Station.....		1 000
Total, Wages.....		(1 470)
Total, Salaries and Wages, College.....		(155 875)
Total, Salaries and Wages, Station.....		(61 867)
Total, Salaries and Wages.....		(217 742)
Expense and Equipment		
COLLEGE		
Expense.....		5 500
Convention Travel.....		1 050
Equipment.....		4 000
Total, College.....		(10 550)
STATION		
Expense.....		3 000
Convention Travel.....		350
Equipment.....		3 000
Total, Station.....		(6 350)
Total, Expense and Equipment.....		(16 900)
Total, Theoretical and Applied Mechanics, College...		\$(166 425)
Total, Theoretical and Applied Mechanics, Station...		\$ (68 217)
Total, Theoretical and Applied Mechanics.....		\$ 234 642
Theoretical and Applied Mechanics Testing (Entire budget from receipts)		
Expense and Equipment		
Expense.....		\$ 1 500
Total, Theoretical and Applied Mechanics Testing (S)		\$ 1 500
Cooperative Investigations		
Salaries and Wages		
LEAD SHEATHING INVESTIGATION		
I. C. W. Dollins, Research Assistant Professor of Engineering Materials.....	S-DY	\$ 6 600

ONR-TASK IV

2. W. J. Craig, Research Assistant Director.....	S-DY	5 100
3. A. M. Freudenthal, Research Consultant.....	S-DY ¹⁰	1 200
4. M. E. Lunchick, Research Associate.....	S-DY ⁵⁰	2 400

STEEL CAR WHEELS

5. H. R. Wetenkamp, Research Assistant Professor.....	S-DY	5 500
6. F. G. Bauling, Research Assistant.....	S-DY ⁵⁰	1 800
(See Mechanical Engineering).....	S-DY ⁵⁰	(1 800)
(Total Salary).....		(3 600)

AAF 15677—PLASTICITY

7. M. C. Steele, Research Assistant Professor.....	S-DY	6 000
8. C. K. Liu, Research Associate.....	S-DY	4 650
9. J. J. Poczatek, Research Assistant.....	S-DY	3 900

AAF 21587—RAPID LOADING

10. C. E. Work, Research Associate.....	S-DY	4 800
11. A. H. Hausrath, Research Associate.....	S-DY ³³	1 600

REINFORCED CONCRETE RESEARCH COUNCIL—COLUMNS

12. R. C. Elstner, Research Associate.....	S-DY ⁵⁰	2 250
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WELDING RESEARCH COUNCIL—PRESSURE VESSEL

13. K. S. Pister, Research Associate.....	S-DY ⁵⁰	2 600
14. A. P. Boresi, Research Associate.....	S-DY ⁵⁰	2 600

REINFORCED CONCRETE SLABS

15. I. M. Viest, Research Assistant Professor.....	S-BY	5 400
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DIVIDED POSITIONS

16. R. E. Cramer, Research Associate Professor of Engineering Materials.....	S-DY	7 500
(50% Rails Investigation; 50% Wheel Loads, Joint Bars, and Web Stresses)		
17. R. S. Jensen, Research Assistant Professor of Engineering Materials.....	S-DY	6 000
(50% Wheel Loads, Joint Bars, and Web Stresses; 50% Rails Investigation)		

GRADUATE COLLEGE

	Summary	Salaries and Wages	Other Expense	Total
<i>Instruction and Administration</i>				
Administration.....		\$49 080	\$ 9 000	\$58 080
Publications.....			54 000	54 000
Total.....		(49 080)	(63 000)	(112 080)
<i>Research</i>				
General Research.....		80 563	70 000	150 563
Illinois Historical Survey.....		1 800	3 200	5 000
Aeromedical and Physical Environment Unit..		4 725	6 000	10 725
Special Graduate Fund.....		142 745	1 000	143 745
Total.....		(229 833)	(80 200)	(310 033)
<i>Student Aid</i>				
Fellowships.....			132 000	132 000
Total, Graduate College.....		\$278 913	\$275 200	\$554 113

**United States Government Contracts
and Indirect Costs Recovered****Organized Research**

Estimated new projects and renewals.....	\$150 000	\$50 000	\$200 000
Total, Trust Funds.....	\$150 000	\$50 500	\$200 000

<i>Salaries and Wages</i>		Administration	
1. L. N. Ridenour, Dean.....	BY	\$ 16 450	
Professor of Physics.....	AY		
2. R. D. Carmichael, Dean and Professor of Mathematics, <i>Emeritus</i>.....			.....
(Retiring allowance payable by Retirement System)			
3. _____, Assistant Dean.....	DY	6 000	
4. Helen M. Hay, Assistant to the Dean.....	DY	4 950	
5. Nonacademic Salaries.....		20 680	
<i>Total, Salaries</i>		(48 080)	
<i>Wages</i>		1 000	
<i>Total, Salaries and Wages</i>		(49 080)	
<i>Expense and Equipment</i>			
<i>Expense</i>		9 000	
<i>Total, Administration</i>		\$ 58 080	

<i>Salaries and Wages</i>		Special Graduate Fund	
1. O. H. Mowrer, Research Professor of Psychology.....	A	\$ 10 250	
2. A. H. Taub, Research Professor of Applied Mathematics...	A	10 400	
3. Robert Emerson, Research Professor of Botany.....	AY	9 500	
4. E. I. Rabinowitch, Research Professor of Botany.....	AY	9 500	
5. R. B. Cattell, Research Professor of Psychology.....	A	9 250	
(On leave with pay from March 1 to August 31, 1952)			
6. _____, Research Professor of Economics and Mathematical Statistics.....	A	8 900	
7. S. E. Luria, Research Professor of Bacteriology.....	A	8 750	
8. F. C. Foley, Research Professor of Geology.....	A10	750	
(From State Geological Survey).....	DY90	(7 500)	
(Total Salary).....		(8 250)	
9. L. R. Tehon, Professor of Plant Physiology (Without salary).....	A	.....
10. K. J. Franklin, Visiting Professor of Physiology (From Educational Nonrecurring).....	G	(3 500)	
(See Physiology).....		(5 500)	
(Total Salary).....		(9 000)	
(September 1, 1951, to June 30, 1952)			
11. R. E. Meagher, Research Associate Professor of Physics and Chief Engineer, Electronic Digital Computer....	AY	9 750	
12. David Gottlieb, Associate Professor of Plant Pathology....	AY50	3 500	
(See Horticulture).....	AY50	(3 500)	
(Total Salary).....		(7 000)	
13. Casimir Lewy, Visiting Associate Professor of Philosophy..	D	(7 000)	
(From Educational Nonrecurring)			
14. R. W. Harbeson, Associate Professor of Economics.....	A50	3 425	
(See Economics).....	A50	(3 425)	
(Total Salary).....		(6 850)	
15. R. F. Nystrom, Assistant Professor of Chemistry.....	BY	6 150	
16. L. E. Goodman, Research Assistant Professor of Civil Engineering.....	BY71	4 500	
(From Highway Bridge Impact).....	BY29	(1 800)	
(Total Salary).....		(6 300)	
17. R. C. Sanborn, Assistant Professor of Entomology.....	B	4 850	
18. Frank Lanni, Research Associate in Bacteriology.....	DY	6 000	
19. A. S. Holt, Research Associate in Botany.....	DY	5 500	
20. P. A. R. Stewart, Instructor in Physiology.....	D	3 800	
21. Kuo-Tsai Chen, Research Associate in Mathematics....	D	3 000 ¹	
22. N. T. Hamilton, Research Associate in Mathematics....	D	3 000 ¹	
23. M. S. Nishimura, Research Assistant in Botany.....	DY	4 800	
24. Y. H. Loo, Biochemist and First Assistant in Animal Nutrition.....	DY	4 600	

¹ Also furnished housing for the convenience of the University.

25. 1.00 Part-time Research Assistants.....	E	2 580
26. Nonacademic Salaries.....		9 690
<i>Total, Salaries</i>		(142 745)
<i>Expense and Equipment</i>		
Convention Travel.....		1 000
<i>Total, Expense and Equipment</i>		(1 000)
<i>Total, Special Graduate Fund</i>		\$143 745

<i>Salaries and Wages</i>		Cooperative Investigations	
ELECTRONIC DIGITAL COMPUTER —U. S. ORDNANCE 11362			
1. J. M. Wier, Research Associate.....	DY		5 000
U. S. TRUST N60RI TASK 07124			
2. Theodore Shapin, Research Associate.....	DY		4 320
GRADUATE COLLEGE—INDIRECT COSTS—COMPUTER			
3. J. P. Nash, Research Associate Professor of Applied Mathematics.....	AY		8 400
4. E. L. Hughes, Research Associate.....	DY		4 500
5. D. J. Wheeler, Visiting Assistant Professor of Mathematics.....	E		4 500

<i>Expense and Equipment</i>			Fellowships	
Stipends of Fellows.....		\$132 000		
<i>Total, Fellowships</i>		\$132 000		

<i>Expense and Equipment</i>			Publications	
Illinois Studies (four series).....		\$ 12 500		
Journal of English and Germanic Philology.....		4 000		
General Publications.....		2 500		
Scholarly Publications.....		35 000		
<i>Total, Publications</i>		\$ 54 000		

<i>Salaries and Wages</i>			General Research	
Wages.....		\$ 80 563		
<i>Expense and Equipment</i>				
Expense.....		40 000		
Equipment.....		30 000		
<i>Total, Expense and Equipment</i>		(70 000)		
<i>Total, General Research</i>		\$150 563		

<i>Salaries and Wages</i>			Illinois Historical Survey	
Wages.....		\$ 1 800		
<i>Expense and Equipment</i>				
Expense.....		1 800		
Equipment.....		1 400		
<i>Total, Expense and Equipment</i>		(3 200)		
<i>Total, Illinois Historical Survey</i>		\$ 5 000		

<i>Salaries and Wages</i>			Aeromedical and Physical Environment Unit	
1. Nonacademic Salaries.....		\$ 4 725		
<i>Expense and Equipment</i>				
Expense.....		2 500		
Equipment.....		3 500		
<i>Total, Expense and Equipment</i>		(6 000)		
<i>Total, Aeromedical and Physical Environment Unit</i>		\$ 10 725		

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Summary			
	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Instruction</i>			
Administration.....	\$62 690	\$30 000	\$92 690
Business Organization and Operation.....	331 320	.....	331 320
Economics.....	291 345	.....	291 345
<i>Sub-total</i>	(685 355)	.....	(715 355)
Placement Bureau Revolving.....	.....	500	500
<i>Sub-total</i>	(685 355)	(30 500)	(715 855)
<i>Organized Research</i>			
Bureau of Economic and Business Research....	67 660	18 800	86 460
<i>Extension and Public Service</i>			
Business Management Service.....	44 460	13 500	57 960
Business Management Service Revolving.....	.....	3 500	3 500
<i>Sub-total</i>	(44 460)	(17 000)	(61 460)
<i>Total, College of Commerce and Business Administration</i>	\$797 475	\$66 300	\$863 775

Expendable Gift and Endowment Funds

<i>Instruction (Endowment)</i>			
Estimated new projects and renewals.....	\$ 3 000	.....	\$ 3 000
<i>Organized Research (Gifts)</i>			
Estimated new projects and renewals.....	22 500	\$12 500	35 000
<i>Sub-total</i>	(25 500)	(12 500)	(38 000)

**United States Government Contracts
and Indirect Costs Recovered**

<i>Organized Research</i>			
Estimated new projects and renewals.....	3 000	1 200	4 200
<i>Total, Trust Funds</i>	\$28 500	\$13 700	\$42 400

Administration

<i>Salaries and Wages</i>			
1. _____, Dean.....	BY	\$ 14 000	
2. C. M. Thompson, Dean, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)			
3. W. C. Robb, Assistant Dean.....	D25	1 650	
(See Economics).....	A75	(4 950)	
(Total Salary).....		(6 600)	
4. H. A. Cutler, Assistant to the Dean.....	DY60 ¹	3 600	
(See Economics).....	DY40 ¹	(2 400)	
(Total Salary).....		(6 000)	
5. L. O. Kerwood, Assistant to the Dean.....	DY	5 700	
6. Nonacademic Salaries.....		34 240	
<i>Total, Salaries</i>		(59 190)	
<i>Wages</i>		3 500	
<i>Total, Salaries and Wages</i>		(62 690)	
<i>Expense and Equipment</i>			
Expense.....		18 000	
Convention Travel.....		4 000	
Equipment.....		8 000	
<i>Total, Expense and Equipment</i>		(30 000)	
<i>Total, Administration</i>		\$ 92 690	

Commerce Student Placement Revolving (Entire budget from receipts)

<i>Expense and Equipment</i>		
Expense.....	\$	500
<i>Total, Commerce Student Placement Revolving</i>	\$	500

¹ Includes half-time teaching and half-time administration during the academic year and full-time administration during the summer.

<i>Salaries and Wages</i>		Business Organization and Operation	
1. H. T. Scovill, Professor of Accountancy.....	A50	\$	5 445
Head of Department of Business Organization and Operation.....	AY50		6 655
(Total Salary).....			(12 100)
2. E. J. Filbey, Professor of Accountancy, <i>Emeritus</i>.....			.....
(Retiring allowance payable by Retirement System)			
3. F. A. Russell, Professor of Marketing, <i>Emeritus</i>.....			.....
(Retiring allowance payable by Retirement System)			
4. E. L. Theiss, Professor of Accountancy, <i>Emeritus</i>.....			.....
(Retiring allowance payable by Retirement System)			
5. Lloyd Morey, Professor of Accountancy.....			.....
(Salary under Business Office)			
6. A. C. Littleton, Professor of Accountancy.....	A		9 200
7. P. D. Converse, Professor of Marketing.....	A75		6 900
(See Bureau of Economic and Business Research)....	A25		(2 300)
(Total Salary).....			(9 200)
8. E. R. Dillavou, Professor of Business Law.....	A		8 800
9. C. H. Sandage, Professor of Marketing.....	A50		4 400
(See Journalism and Communications).....	A50		(4 400)
(Total Salary).....			(8 800)
10. C. F. Schlatter, Professor of Accountancy.....	A		8 600
11. P. M. Green, Professor of Management.....	A		8 600
12. H. W. Huegy, Professor of Marketing.....	A		8 300
13. C. A. Moyer, Professor of Accountancy.....	A		8 050
14. A. G. Anderson, Professor of Management.....	A		7 750
15. F. H. Beach, Professor of Marketing.....	A		7 700
16. C. J. Gaa, Professor of Accountancy.....	A		7 700
17. M. J. Mandeville, Professor of Management.....	A		7 700
18. H. L. Newcomer, Professor of Accountancy.....	A		7 700
19. H. H. Baily, Professor of Accountancy.....	A		7 600
20. R. I. Dickey, Professor of Accountancy.....	A		7 000
21. F. M. Jones, Professor of Marketing.....	A		6 800
22. L. A. Bryan, Professor of Management.....			.....
(Salary under Institute of Aviation)			
23. E. P. Strong, Professor of Management.....			.....
(Salary under Business Management Service)			
24. A. C. Condon, Associate Professor of Secretarial Training..	A		6 800
25. H. G. Wales, Associate Professor of Marketing.....	A		6 800
26. R. K. Mautz, Associate Professor of Accountancy.....	A		6 600
27. Robert Dubin, Associate Professor of Management.....	A50		3 200
(See Sociology and Anthropology).....	A50		(3 200)
(Total Salary).....			(6 400)
28. P. C. Roberts, Associate Professor of Business Law.....	A		6 200
29. C. C. Curtis, Associate Professor of Business Law.....	A		5 800
30. S. C. Robinson, Associate Professor of Management.....			.....
(Salary under University Extension)			
31. Nugent Wedding, Associate Professor of Marketing.....	A		6 250
32. R. V. Mitchell, Assistant Professor of Marketing.....	B		6 150
33. J. M. Carithers, Assistant Professor of Accountancy.....	B75		4 225
Assistant to Head of Business Organization and Operation Department.....	B25		1 775
(Total Salary).....			(6 000)
34. N. D. Wakefield, Assistant Professor of Accountancy.....	B		5 700
35. H. E. Breen, Assistant Professor of Accountancy.....	B		5 500
36. W. E. Thomas, Assistant Professor of Accountancy.....	B		5 500
37. H. M. Edwards, Assistant Professor of Management.....			.....
(Salary under Business Office)			
38. C. C. DeLong, Assistant Professor of Accountancy.....			.....
(Salary under Business Office)			
39. Mrs. Dorothy Litherland, Assistant Professor of Accountancy.....	B		4 800
40. Elizabeth R. Melson, Assistant Professor of Secretarial Training.....	B		4 800

41. _____, Assistant Professor of Marketing.....	B	4 700
42. Mrs. Mabel R. Hagan, Assistant Professor of Secretarial Training.....	B33	1 470
(See Student Teaching).....	B50	(2 225)
(See Teacher Training Counseling).....	Dr7	(755)
(Total Salary).....		(4 450)
43. I. A. Cochrun, Lecturer in Marketing.....	D25	1 400
44. R. H. Cole, Instructor in Marketing.....	D	4 750
45. G. E. Martin, Instructor in Marketing.....	D	4 600
46. R. E. Lundquist, Instructor in Accountancy.....	D	4 550
47. G. D. Brighton, Instructor in Accountancy.....	D	4 500
48. F. L. Roberts, Instructor in Marketing.....	D	4 400
49. H. L. Crouse, Instructor in Management.....	D	4 200
50. Mrs. Alice Kirkpatrick, Instructor in Business Law.....	D	4 200
51. W. O. Morris, Instructor in Business Law.....	D	4 000
52. D. A. Henning, Instructor in Management.....	D	3 900
53. M. D. Richards, Instructor in Management.....	D	3 900
54. Clinton Spivey, Instructor in Management.....	D	3 900
55. W. G. Kell, Instructor in Accountancy.....	D	3 800
56. _____, Instructor in Marketing.....	D	3 800
57. Mildred E. Reed, Instructor in Secretarial Training.....	D	3 700
58. W. A. Terrill, Instructor in Accountancy.....	D	3 700
59. M. N. Broussard, Instructor in Accountancy.....	D	3 500
60. Charles Lawrence, Instructor in Accountancy.....	D	3 200
61. D. W. Scotton, Instructor in Marketing.....	D	3 200
62. D. J. Hay, Instructor in Marketing.....	D75	2 640
63. B. F. Aschbacher, Instructor in Accountancy.....	D50	1 800
64. C. M. Crawford, Instructor in Marketing.....	D50	1 600
65. L. M. DeBoer, Assistant in Marketing.....	E	3 300
66. D. H. Skadden, Assistant in Accountancy.....	E	3 300
67. A. F. Knapper, Assistant in Secretarial Training.....	E	2 950
68. R. E. Schlosser, Assistant in Accountancy.....	E	2 600
69. 4.75 Part-time Assistants.....	E	13 600
70. Nonacademic Salaries.....		5 160
Total, Business Organization and Operation.....		\$331 320

Economics

Salaries and Wages

1. _____, Professor.....	AY	\$ 11 850
Chairman of Department.....	BY	
2. E. L. Bogart, Professor, <i>Emeritus</i> (From Retiring Allowances).....		(3 000)
3. C. M. Thompson, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
4. Simon Litman, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
5. V L. Bassie, Professor.....		.....
(Salary under Bureau of Economic and Business Research)		
6. H. R. Bowen, Professor.....	A	11 250
(On leave without pay for two-thirds time, 1951-1952)		
7. H. M. Gray, Professor.....	AY	10 750
8. D. P. Locklin, McKinley Professor of the Economics of Public Utilities.....	A	7 000
(From McKinley Professorship Fund).....		(3 000)
(Total Salary).....		(10 000)
9. W. E. Chalmers, Professor.....	AY40	4 080
(See Institute of Labor and Industrial Relations).....	BY60	(6 120)
(Total Salary).....		(10 200)
(On leave without pay, 1951-1952)		
10. C. A. Hickman, Professor.....		.....
(Salary under Bureau of Economic and Business Research)		
11. H. K. Allen, Professor.....	A	8 900

12. —————, Research Professor	A	.....
(Salary under Special Graduate Fund)		
13. W. A. Neiswanger, Professor	A	8 850
14. D. W. Smythe, Professor	A50	4 300
(See Institute of Communications Research)	A50	(4 300)
(Total Salary)		(8 600)
15. P. M. Van Arsdell, Professor	A50	3 870
Vice-Chairman of Department	BY50	4 730
(Total Salary)		(8 600)
16. J. F. Bell, Professor	A	8 400
17. —————, Professor	A50	(4 200)
(See Bureau of Economic and Business Research)	A50	(4 200)
(Total Salary)		(8 400)
18. Margaret G. Reid, Professor	A	8 400
(On leave without pay, 1951-1952)		
19. E. T. Weiler, Professor	A	8 400
20. E. B. McNatt, Professor	A	8 400
21. P. H. Brown, Professor	A	8 200
22. D. L. Kemmerer, Professor	A	7 600
23. R. I. Mehr, Professor	A	7 500
24. J. F. Due, Professor	A	7 500
25. G. A. Steiner, Professor	A	(7 300)
(On leave without pay, 1951-1952)		
26. R. M. Nolen, Professor	A	7 200
27. W. H. McPherson, Professor	AY	.....
(Salary under Institute of Labor and Industrial Relations)		
28. F. E. Lee, Professor	A	.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
29. Franco Modigliani, Associate Professor .....		.....
(Salary under Bureau of Economic and Business Research)		
30. R. W. Harbeson, Associate Professor	A50	3 425
(See Graduate College)	A50	(3 425)
(Total Salary)		(6 850)
31. D. P. Flanders, Associate Professor	A	6 700
32. R. W. Mayer, Associate Professor	A	6 600
33. W. C. Robb, Associate Professor	A75	4 950
(See Administration)	D25	(1 650)
(Total Salary)		(6 600)
34. J. B. Parrish, Associate Professor	A	6 600
35. R. C. Osborn, Associate Professor	A	6 500
36. George Kleiner, Associate Professor	A	6 450
37. J. L. McConnell, Associate Professor	A	6 400
38. D. W. Paden, Associate Professor	A	6 400
39. F. B. Haworth, Associate Professor	A	5 900
40. Grace Beckett, Associate Professor	A	5 400
41. Robert Ferber, Associate Professor .....		.....
(Salary under Bureau of Economic and Business Research)		
42. —————, Research Assistant Professor	BY33	2 250
(See Bureau of Economic and Business Research)	BY67	(4 600)
(Total Salary)		(6 850)
43. Roland Gibson, Assistant Professor	B	5 400
44. H. A. Cutler, Assistant Professor	DY40 ¹	2 400
(See Administration)	DY60 ¹	(3 600)
(Total Salary)		(6 000)
45. M. W. Hogg, Assistant Professor	B	5 400
46. Janet L. Weston, Assistant Professor	B50	2 600
(See Student Counseling Bureau)	D50	(2 600)
(Total Salary)		(5 200)

¹ Includes half-time teaching and half-time administration during the academic year and full-time administration during the summer.

47. J. A. Cochran, Assistant Professor.....		(5 000)
(On leave without pay for military service)		
48. R. H. McEvoy, Assistant Professor.....	B	5 000
49. Harriet D. Hudson, Assistant Professor.....	B	5 000
50. Robert Eisner, Assistant Professor.....		.....
(Salary under Merrill Foundation)		
51. _____, Assistant Professor.....	B	4 850
52. Robert Campbell, Assistant Professor.....	B	4 850
53. P. N. Vukasin, Assistant Professor.....	B	4 850
54. D. H. Hoover, Associate, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
55. _____, Instructor.....	D	4 500
56. T. E. Cammack, Instructor.....	D	4 450
57. _____, Instructor.....	D	3 600
58. 7.50 Part-time Assistants.....	E	20 000
59. Nonacademic Salaries.....		3 690
<i>Total, Economics</i>		\$291 345

Bureau of Economic and Business Research

Salaries and Wages

1. V Lewis Bassie, Director.....	BY	\$ 11 100
Professor of Economics.....	AY	
2. C. A. Hickman, Research Professor of Economics.....	AY	9 400
3. P. D. Converse, Research Professor of Marketing.....	A25	2 300
(See Business Organization and Operation).....	A75	(6 900)
(Total Salary).....		(9 200)
4. _____, Research Professor of Economics.....	A50	(4 200)
(See Economics).....	A50	(4 200)
(Total Salary).....		(8 400)
5. Robert Ferber, Research Associate Professor of Economics.....	AY	7 400
(See Economics)		
6. _____, Research Assistant Professor of Eco-		
nomics.....	BY67	4 600
(See Economics).....	BY33	(2 250)
(Total Salary).....		(6 850)
7. Mrs. Hilda R. Stice, Research Assistant Professor of Eco-		
nomics.....	BY	5 400
8. Kathleen Dunlop, Research Assistant.....	DY	3 550
9. Mrs. Anne N. Gher, Research Assistant.....	DY	3 550
10. Ruth A. Birdzell, Research Assistant.....	DY	3 550
11. Mary McMillion, Research Assistant.....	DY	3 000
12. Mrs. Frances S. Dotson, Research Assistant.....	DY50	1 700
(See Mechanical Engineering).....	DY50	(1 850)
(Total Salary).....		(3 550)
13. Nonacademic Salaries.....		10 110
<i>Total, Salaries</i>		(65 660)
Wages.....		2 000
<i>Total, Salaries and Wages</i>		(67 660)
<i>Expense and Equipment</i>		
Expense.....		18 500
Convention Travel.....		300
<i>Total, Expense and Equipment</i>		(18 800)
<i>Total, Bureau of Economic and Business Research</i>		\$ 86 460

Cooperative Investigations

MERRILL FOUNDATION

1. Franco Modigliani, Research Associate Professor of Eco-		
nomics.....	AY	\$ 10 300
2. Robert Eisner, Research Assistant Professor of Economics.....	G	5 500
(September 1, 1951, to May 31, 1952)		
3. Owen Sauerlender, Research Associate.....	DY	4 000

Business Management Service			
Salaries and Wages			
1. E. P. Strong, Director.....	BY	} \$ 11 000	
Professor of Management.....	AY		
(See Business Organization and Operation)			
2. H. S. Hall, Lecturer in Management.....	DY		7 000
3. R. L. Peterson, Instructor in Management.....	DY ₇₀		4 500
(See Provost's Office).....	DY ₃₀		(2 500)
(Total Salary).....			(7 000)
4. R. G. Seymour, Assistant to the Director, with rank of Instructor.....	DY		7 000
5. J. L. Shimek, Editor, with rank of Instructor.....	DY		5 000
6. R. L. Walston, Lecturer in Management.....	DY ₅₀		(2 687)
(See University Extension).....	DY ₅₀		(2 688)
(Total Salary).....			(5 375)
(On leave without pay for military service)			
7. 1.00 Part-time Assistants.....	DY		3 000
8. Nonacademic Salaries.....			6 960
Total, Salaries.....			(44 460)
Expense and Equipment			
Expense.....			13 500
Total, Business Management Service.....			\$ 57 960

Business Management Service Revolving (Entire budget from receipts)

<i>Expense and Equipment</i>			
Expense.....		\$ 3 500	
Total, Business Management Service Revolving.....		\$ 3 500	

COLLEGE OF EDUCATION

	Summary		
	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Instruction</i>			
Administration.....	\$37 910	\$ 2 950	\$40 860
Agricultural Education.....	41 260	3 050	44 310
Education.....	368 502	29 400	397 902
Home Economics Education.....	17 176	1 750	18 926
Industrial Education.....	30 130	4 550	34 680
University Council on Teacher Education			
Administration.....	11 962	3 071	15 033
Placement and Follow-Up.....	46 260	9 750	56 010
Teacher Training Counseling.....	39 066	200	39 266
Sub-total, Instruction.....	(592 266)	(54 721)	(646 987)
<i>Organized Activities Relating to Instruction</i>			
University High School.....	108 577	8 800	117 377
<i>Organized Research</i>			
Bureau of Research and Service—General.....	126 735	15 150	141 885
<i>Extension and Public Service</i>			
Bureau of Research and Service—Evaluation..	30 090	5 570	35 660
Educational Surveys Revolving.....	12 860	3 000	15 860
High School Testing Revolving.....	12 220	12 780	25 000
Sub-total, Self-Supporting.....	(25 080)	(15 780)	(40 860)
Sub-total, Extension and Public Service...	(55 170)	(21 350)	(76 520)
Total, College of Education.....	\$882 748	\$100 021	\$982 769

Expendable Gift Funds

<i>Organized Research</i>			
Estimated new projects and renewals.....	\$10 000	\$2 000	\$12 000

**United States Government Contracts
and Indirect Costs Recovered****Organized Research**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Estimated new projects and renewals.....	25 000	5 000	30 000
<i>Total, Trust Funds</i>	<u>\$35 000</u>	<u>\$7 000</u>	<u>\$42 000</u>

Salaries and Wages**Administration**

1. W. B. Spalding, Dean.....	BY	\$ 14 400	
Professor.....	AY		
2. C. W. Sanford, Associate Dean.....	BY		
(Salary under Council on Teacher Education)			
3. F. H. Finch, Director of Selection, Retention, and Advise- ment of Graduate Students in Education.....	BY	8 600	
Professor.....	AY		
4. G. C. Finlay, Assistant to the Dean and Assistant Professor (See Teacher Training Counseling).....	BY ₅₀	3 210	(3 210)
(Total Salary).....	BY ₅₀		(6 420)
5. Nonacademic Salaries.....		11 400	
<i>Total, Salaries</i>			(37 610)
Wages.....		300	
<i>Total, Salaries and Wages</i>			(37 910)
Expense and Equipment			
General Expense.....		1 600	
Convention Travel.....		200	
Contingent.....		650	
Equipment.....		500	
<i>Total, Expense and Equipment</i>			(2 950)
<i>Total, Administration</i>			<u>\$ 40 860</u>

Salaries and Wages**Agricultural Education**

1. H. M. Hamlin, Professor.....	AY	\$ 10 750	
2. G. P. Deyoe, Professor.....	AY	9 790	
3. A. W. Nolan, Associate Professor, <i>Emeritus</i>			
(Retiring allowance payable by Retirement System)			
4. Lloyd Phipps, Assistant Professor.....	BY	6 550	
5. J. N. Weiss, Assistant Professor.....	BY	6 450	
6. A. H. Krebs, Assistant Professor.....	BY ₅₀	2 720	
(See Teacher Training Counseling).....	DY ₅₀	(2 720)	
(Total Salary).....		(5 440)	
7. _____, Instructor.....	D ₂₅	1 000	
8. _____, Instructor.....	D ₂₅	1 000	
9. Nonacademic Salaries.....		2 400	
<i>Total, Salaries</i>			(40 660)
Wages.....		600	
<i>Total, Salaries and Wages</i>			(41 260)
Expense and Equipment			
Expense.....		2 500	
Convention Travel.....		350	
Equipment.....		200	
<i>Total, Expense and Equipment</i>			(3 050)
<i>Total, Agricultural Education</i>			<u>\$ 44 310</u>

Salaries and Wages**Education**

1. C. R. Griffith, Professor.....			
(Salary under Provost's Office)			
2. R. B. Browne, Professor.....			
(Salary under University Extension and Summer Ses- sion)			

3. O. F. Weber, Professor, <i>Emeritus</i> . . . . .	.....
(Retiring allowance payable by Retirement System)		
4. T. E. Benner, Professor	A	\$ 9 680
5. E. F. Potthoff, Professor	AY25	2 348
(See Bureau of Institutional Research)	DY75	(7 052)
(Total Salary)		(9 400)
6. B. O. Smith, Professor	A	8 940
7. H. C. Hand, Professor	A	8 940
8. S. A. Kirk, Professor	A	8 460
9. K. D. Benne, Professor	A	8 410
10. E. H. Reeder, Professor	A	8 320
11. R. W. Burnett, Professor	A	7 920
12. William Van Til, Professor	A	7 920
13. A. W. Clevenger, Professor	A25	1 950
(See Bureau of Research and Service)	A75	(5 850)
(Total Salary)		(7 800)
14. J. J. DeBoer, Professor	A	7 730
15. P. V. Miller, Professor	A	7 550
16. W. V. Kaulfers, Professor	A	7 360
17. E. W. Dolch, Professor	A	7 100
18. G. M. Blair, Professor	A	7 000
19. K. B. Henderson, Professor	A	6 900
20. J. H. Shores, Professor	A70	4 765
(See University Extension)	A30	(2 025)
(Total Salary)		(6 790)
21. R. H. Simpson, Professor	A	6 770
22. A. W. Anderson, Professor	A	6 740
23. C. W. Odell, Professor	A	6 450
24. M. M. Ohlsen, Head of Student Teaching	BY}	8 480
Associate Professor	AY}	
25. L. B. Fisher, Associate Professor	AY33	2 510
(See Committee on Admissions from Secondary Schools)	AY67	(5 020)
(Total Salary)		(7 530)
26. H. S. Zim, Associate Professor	A	6 600
27. T. E. Newland, Associate Professor	B	6 500
28. H. A. Schultz, Associate Professor of Art Education	A33	2 165
(See Art)	A50	(3 250)
(See Teacher Training Counseling)	D17	(1 085)
(Total Salary)		(6 500)
29. Liesette J. McHarry, Associate Professor	A	5 810
30. W. O. Stanley, Associate Professor	A	5 740
31. J. N. Hook, Associate Professor of English	A17	930
(See English)	A50	(2 800)
(See Teacher Training Counseling)	D33	(1 870)
(Total Salary)		(5 600)
32. C. G. Knapp, Associate Professor	A	5 590
33. G. W. Reagan, Associate Professor	A	5 460
34. W. E. Martin, Associate Professor	A	5 380
35. W. E. Harnish, Associate Professor	A83	4 473
(See Teacher Training Counseling)	D17	(907)
(Total Salary)		(5 380)
36. F. P. Barnes, Assistant Professor	B	5 960
37. G. O. Johnson, Assistant Professor	B	5 720
38. W. M. Lifton, Assistant Professor	B	5 530
39. Ann E. Jewett, Instructor in Physical Education	D75	3 375
(See Physical Education for Women)	D25	(1 125)
(Total Salary)		(4 500)
40. Wolfgang Kuhn, Assistant Professor of Education	B50	2 570
(See Music)	B33	(1 712)
(See Teacher Training Counseling)	D17	(858)
(Total Salary)		(5 140)

41. E. M. Woodman, Assistant Professor.....	B	5 060
42. G. C. Kettelkamp, Assistant Professor.....	B	5 060
43. Foster McMurray, Assistant Professor.....	B	5 000
44. L. E. Metcalf, Assistant Professor.....	B	4 730
45. Mrs. Nell C. B. Johnston, Assistant Professor, <i>Emerita</i> ... (Retiring allowance payable by Retirement System)		.....
46. R. S. Jones, Assistant Professor.....	B	4 670
47. R. E. Pingry, Assistant Professor.....	B42	1 940
(See Mathematics).....	B33	(1 550)
(See Teacher Training Counseling).....	D25	(1 160)
(Total Salary).....		(4 650)
48. J. T. Moore, Assistant Professor.....	B	4 500
49. Mrs. Mabel R. Hagan, Assistant Professor of Education..	B50	2 225
(See Business Organization and Operation).....	B33	(1 470)
(See Teacher Training Counseling).....	D17	(755)
(Total Salary).....		(4 450)
50. Irving Lazar, Instructor.....	D	4 670
51. Colleen J. Kirk, Instructor.....	D50	2 305
(See Music).....	D33	(1 520)
(See Teacher Training Counseling).....	D17	(785)
(Total Salary).....		(4 610)
52. G. W. Sowards, Instructor.....	D	4 500
53. R. I. Miller, Instructor.....	D35	1 470
(See Physical Education).....	D15	(630)
(See University High School).....	D50	(2 100)
(Total Salary).....		(4 200)
54. Kenneth Burns, Instructor in Education.....	D42	1 756
(See Speech).....	D58	(2 424)
(Total Salary).....		(4 180)
55. Beulah J. Drom, Instructor.....	D25	1 025
(See Physical Education for Women).....	D75	(3 075)
(Total Salary).....		(4 100)
56. R. P. Frazier, Instructor.....	D75	3 230
57. N. E. Dilley, Instructor.....	D50	2 150
58. C. E. Johnson, Instructor.....	D50	2 150
59. W. R. Slothower, Instructor.....	D50	2 150
60. O. W. Renfrow, Instructor.....	D50	2 000
61. H. C. Rudman, Instructor.....	D50	2 000
62. _____, Instructor.....	D50	2 000
63. _____, Instructor (First semester only).....	G20	800
64. _____, Instructor.....	D50	2 000
65. Charlotte Keck, Assistant.....	E50	1 500
(See Speech).....	E50	(1 500)
(Total Salary).....		(3 000)
66. 9.50 Part-time Assistants.....	E	24 205
67. Nonacademic Salaries.....		24 420
<i>Total, Salaries</i>		(341 562)
Wages, General.....		3 340
Wages, Cooperating Teachers.....		23 600
<i>Total, Wages</i>		(26 940)
<i>Total, Salaries and Wages</i>		(368 502)
<i>Expense and Equipment</i>		
Expense, General.....		10 000
Convention Travel.....		3 000
Expense, Student Teaching.....		12 000
Expense, Public Service.....		3 500
Equipment, General.....		700
Equipment, Student Teaching.....		200
<i>Total, Expense and Equipment</i>		(29 400)
<i>Total, Education</i>		\$397 902

Cooperative Investigations*Salaries and Wages***U. S. PUBLIC HEALTH RESEARCH GRANT MH-274(R)**

1. G. H. Agate, Pediatric Research Consultant	DY11	\$ 1 100
(See Health Service)	DY88	(7 700)
(Total Salary)		(8 800)
2. Irene E. Harms, Research Assistant Professor	DY	5 500
3. R. J. Capobianco, Research Associate	GY50	1 900
(October 1, 1951, to September 30, 1952)		
4. Hannah Ikeda, Research Assistant	DY	4 200

Salaries and Wages Home Economics Education

1. Letitia Walsh, Professor	A	\$ 7 100
2. Anna Belle Robinson, Assistant Professor . . . . .		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
3. _____, Instructor	D83	3 333
(See Teacher Training Counseling)	D17	(667)
(Total Salary)		(4 000)
4. Elizabeth J. Simpson, Instructor	D35	1 510
(See University High School)	D50	(2 150)
(Total Salary)		(3 660)
5. Mrs. Metta M. Zahorsky, Instructor	D50	2 250
6. _____, Instructor	D33	1 333
(See Teacher Training Counseling)	D17	(667)
(Total Salary)		(2 000)
<i>Total, Salaries</i>		(15 526)
Wages		1 650
<i>Total, Salaries and Wages</i>		(17 176)

Expense and Equipment

Expense		1 300
Convention Travel		200
Equipment		250
<i>Total, Expense and Equipment</i>		(1 750)
<i>Total, Home Economics Education</i>		\$ 18 926

Salaries and Wages Industrial Education

1. A. B. Mays, Professor	A	\$ 8 220
2. A. F. Dodge, Professor, <i>Emeritus</i> . . . . .		.....
(Retiring allowance payable by Retirement System)		
3. M. K. Humble, Associate Professor	A	6 130
4. M. R. Karnes, Associate Professor	A	5 960
5. R. N. Evans, Assistant Professor	B	5 000
6. C. R. Hill, Assistant Professor	B50	2 420
(See University High School)	B50	(2 420)
(Total Salary)		(4 840)
7. H. H. Braucher, Associate, <i>Emeritus</i> (From Retiring Allowance)		(1 132)
8. 50 Part-time Assistants	E	1 200
<i>Total, Salaries</i>		(28 930)
Wages		1 200
<i>Total, Salaries and Wages</i>		(30 130)

Expense and Equipment

Expense		4 000
Convention Travel		350
Equipment		200
<i>Total, Expense and Equipment</i>		(4 550)
<i>Total, Industrial Education</i>		\$ 34 680

University Council on Teacher Education

Administration

Salaries and Wages

1. C. W. Sanford, Associate Dean and Coordinator of Teacher Education.....	BY50	\$ 5 125
(From Trust: State Superintendent of Public Instruction).....	BY50	(5 125)
Professor of Education.....	AY	.....
(Total Salary).....		(10 250)
2. M. M. Ohlsen, Head of Student Teaching.....	BY	.....
(Salary under Education).....		.....
3. Nonacademic Salaries.....		5 610
Total, Salaries.....		(10 735)
Wages.....		1 227
Total, Salaries and Wages.....		(11 962)

Expense and Equipment

Expense.....		2 150
Convention Travel.....		200
Expense, Illinois Secondary School Curriculum Program (From Educational Nonrecurring).....		(8 500)
Equipment.....		721
Total, Expense and Equipment.....		(3 071)
Total, Administration.....		\$ 15 033

Placement and Follow-Up

Salaries and Wages

1. J. Lloyd Trump, Head of Teacher Placement.....	BY	\$ 8 990
Professor of Education.....	AY	
2. H. D. Trimble, Associate Professor of Education.....	AY	7 800
3. G. F. Anderson, Assistant Professor of Education.....	BY	6 100
4. R. E. Schultz, Assistant Professor of Education.....	BY	4 700
5. 1.25 Research Assistants.....	DY	3 780
6. Nonacademic Salaries.....		12 390
Total, Salaries.....		(43 760)
Wages.....		2 500
Total, Salaries and Wages.....		(46 260)

Expense and Equipment

Expense.....		9 000
Convention Travel.....		250
Equipment.....		500
Total, Expense and Equipment.....		(9 750)
Total, Placement and Follow-Up.....		\$ 56 010

Teacher Training Counseling

Salaries and Wages

1. G. C. Finlay, Head of Counseling Services.....	BY50	\$ 3 210
(See Education Administration).....	BY50	(3 210)
(Total Salary).....		(6 420)
2. H. J. Fuller, Counselor.....	D15	1 030
(See Botany).....	A85	(5 870)
(Total Salary).....		(6 900)
3. H. A. Schultz, Counselor.....	D17	1 085
(See Education).....	A33	(2 165)
(See Art).....	A50	(3 250)
(Total Salary).....		(6 500)
4. Severina E. Nelson, Counselor.....	D20	1 290
(See Speech).....	A80	(5 160)
(Total Salary).....		(6 450)
5. R. H. Johnson, Counselor.....	D60	3 840
(See Physical Education for Men).....	A40	(2 560)
(Total Salary).....		(6 400)

6. A. E. Florio, Counselor.....	D55	3 465
(See Physical Education for Men).....	B45	(2 835)
(Total Salary).....		(6 300)
7. Mrs. Velma K. Wilson, Counselor.....	D33	1 982
(See Music).....	A67	(4 018)
(Total Salary).....		(6 000)
8. K. A. Windesheim, Counselor.....	D15	855
(See Speech).....	A85	(4 845)
(Total Salary).....		(5 700)
9. J. N. Hook, Counselor.....	D33	1 870
(See English).....	A50	(2 800)
(See Education).....	A17	(930)
(Total Salary).....		(5 600)
10. A. H. Krebs, Counselor.....	DY50	2 720
(See Agricultural Education).....	BY50	(2 720)
(Total Salary).....		(5 440)
11. W. E. Harnish, Counselor.....	D17	907
(See Education).....	A83	(4 473)
(Total Salary).....		(5 380)
12. J. S. Flores, Counselor.....	D15	795
(See Spanish and Italian).....	B85	(4 505)
(Total Salary).....		(5 300)
13. Wolfgang Kuhn, Counselor.....	D17	858
(See Music).....	B33	(1 712)
(See Education).....	B50	(2 570)
(Total Salary).....		(5 140)
14. Enid Schnauber, Counselor.....	D25	1 182
(See Physical Education for Women).....	B75	(3 548)
(Total Salary).....		(4 730)
15. R. E. Pingry, Counselor.....	D25	1 160
(See Mathematics).....	B33	(1 550)
(See Education).....	B42	(1 940)
(Total Salary).....		(4 650)
16. Colleen J. Kirk, Counselor.....	D17	785
(See Education).....	D50	(2 305)
(See Music).....	D33	(1 520)
(Total Salary).....		(4 610)
17. R. M. Sutton, Counselor.....	D33	1 433
(See History).....	B67	(2 867)
(Total Salary).....		(4 300)
18. Mrs. Mabel R. Hagan, Counselor.....	D17	755
(See Business Organization and Operation).....	B33	(1 470)
(See Education).....	B50	(2 225)
(Total Salary).....		(4 450)
19. Nancy E. Houston, Counselor.....	D20	860
(See Physical Education for Women).....	B80	(3 440)
(Total Salary).....		(4 300)
20. _____, Counselor.....	D17	667
(See Home Economics Education).....	D83	(3 333)
(Total Salary).....		(4 000)
21. G. W. Fielder, Counselor and Instructor in Education....	D50	2 150
22. _____, Counselor.....	D17	667
(See Home Economics Education).....	D33	(1 333)
(Total Salary).....		(2 000)
23. _____, Counselor.....	D50	2 000
24. _____, Counselor.....	E33	800
25. _____, Counselor.....	E33	800
26. _____, Counselor.....	E33	800
27. _____, Counselor.....	E33	800
<i>Total, Salaries</i>		(38 766)
<i>Wages</i>		300
<i>Total, Salaries and Wages</i>		(39 066)

Expense and Equipment

Expense.....	200
<i>Total, Teacher Training Counseling.....</i>	<i>\$ 39 266</i>

Salaries and Wages **University High School**

1. C. M. Allen, Principal.....	BY}	\$ 7 710
Associate Professor of Education.....	AY}	
2. D. W. Snader, Professor of Education.....	A	7 530
(On leave without pay from September 1 to December 10, 1951)		
3. _____, University High School Librarian.....		.....
(Salary under Library)		
4. C. R. Hill, Assistant Professor of Industrial Education... B50		2 420
(See Industrial Education)..... B50		(2 420)
(Total Salary).....		(4 840)
5. _____, Assistant Professor of Education..... B		4 500
6. J. W. Hanson, Instructor in Education..... D		4 720
7. Pauline E. Changnon, Instructor in Education..... D		4 670
8. Mrs. Audry Lindsey, Instructor in Education..... D		4 540
9. A. D. Lacky, Instructor in Education..... D		(4 730)
(On leave without pay for military service)		
10. W. H. Schuetz, Instructor in Education..... D		4 350
11. Mrs. Margaret B. Cantrall, Instructor in Education..... D		4 200
12. Mrs. Frances D. Wilson, Instructor in Education, <i>Emerita</i> (Retiring allowance payable by Retirement System)		.....
13. R. I. Miller, Instructor in Education..... D50		2 100
(See Education)..... D35		(1 470)
(See Physical Education)..... D15		(630)
(Total Salary).....		(4 200)
14. Mrs. Viola Gribanovsky, Instructor in Education..... D		4 200
15. Max Beberman, Instructor in Education..... D		4 020
16. _____, Instructor in Education..... D		3 800
17. C. R. Stafford, Instructor in Education..... D		(3 600)
(On leave without pay for military service)		
18. _____, Instructor in Education..... D		3 800
19. _____, Instructor in Education..... D		3 800
20. _____, Instructor in Education..... D		3 800
21. Elizabeth J. Simpson, Instructor in Education..... D50		2 150
(See Home Economics Education)..... D35		(1 510)
(Total Salary).....		(3 660)
22. A. M. Lashbrook, Instructor in Education..... D		3 810
23. R. B. Mudge, Assistant in Education..... E		3 560
24. J. J. Laska, Assistant in Education..... E		3 590
25. W. L. Winnett, Instructor in Education..... D		3 500
26. _____, Instructor in Education..... D67		2 667
27. E. W. Goessling, Instructor in Education..... D75		2 350
28. _____, Instructor in Education..... D50		2 000
29. R. E. Potter, Instructor in Education..... D50		1 780
30. .75 Part-time Assistants..... E		2 550
31. Nonacademic Salaries.....		9 690
<i>Total, Salaries.....</i>		<i>(107 907)</i>
Wages.....		670
<i>Total, Salaries and Wages.....</i>		<i>(108 577)</i>
<i>Expense and Equipment</i>		
Expense.....		6 000
Convention Travel.....		300
Equipment.....		2 500
<i>Total, Expense and Equipment.....</i>		<i>(8 800)</i>
<i>Total, University High School.....</i>		<i>\$117 377</i>

*Salaries and Wages***Bureau of Research and Service****GENERAL**

1. _____, Director.....	BY}	\$10 000
Professor of Education.....	AY}	
2. W. S. Monroe, Distinguished Professor of Education, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. F. G. Cornell, Professor of Education.....	AY	11 830
4. A. W. Clevenger, Professor of Education.....	A75	5 850
(See Education).....	A25	(1 950)
(Total Salary).....		(7 800)
5. L. J. Cronbach, Professor of Education.....	AY	8 800
6. Mrs. Celia B. Stendler, Professor of Education.....	AY	7 400
7. W. P. McLure, Associate Professor of Education.....	AY	8 055
8. M. R. Sumption, Associate Professor of Education.....	AY	7 970
9. N. L. Gage, Associate Professor of Education.....	AY	7 030
10. D. P. Ausubel, Assistant Professor of Education.....	BY	6 100
11. Murray Horwitz, Assistant Professor of Education.....	BY	5 880
12. W. W. Charters, Jr., Assistant Professor of Education....	BY	5 340
13. D. J. Inabnit, Instructor in Education.....	DY	4 440
14. 6.00 Part-time Research Assistants.....	DY	17 640
15. Nonacademic Salaries.....		14 700
<i>Total, Salaries, General</i>		(121 035)

EVALUATION UNIT

16. J. T. Hastings, University Examiner; Technical Director, Evaluation Unit; Associate Professor of Education..	AY	7 230
17. D. R. Krathwohl, Instructor.....	DY	5 710
18. 1.50 Part-time Research Assistants.....	DY	4 600
19. Nonacademic Salaries.....		11 700
<i>Total, Salaries, Evaluation Unit</i>		(29 240)
<i>Total, Salaries</i>		(150 275)
Wages, General.....		5 700
Wages, Evaluation Unit.....		850
<i>Total, Wages</i>		(6 550)
<i>Total, Salaries and Wages</i>		(156 825)

Expense and Equipment

Expense, General.....		13 800
Expense, Evaluation.....		5 420
Convention Travel.....		750
Equipment, General.....		600
Equipment Evaluation Unit.....		150
<i>Total, Expense and Equipment</i>		(20 720)
<i>Total, Bureau of Research and Service</i>		\$177 545

Educational Surveys Revolving (Entire budget from receipts)*Salaries and Wages*

1. J. L. Landes, Instructor.....	DY	\$ 4 000
2. 2.00 Part-time Research Assistants.....	DY	5 600
3. Nonacademic Salaries.....		2 260
<i>Total, Salaries</i>		(11 860)
Wages.....		1 000
<i>Total, Salaries and Wages</i>		(12 860)

Expense and Equipment

Expense.....		3 000
<i>Total, Educational Surveys Revolving</i>		\$ 15 860

High School Testing Revolving (Entire budget from receipts)*Salaries and Wages*

Nonacademic Salaries.....		\$ 2 220
Wages.....		10 000
<i>Total, Salaries and Wages</i>		(12 220)

Expense and Equipment

Expense.....	12 780
<i>Total, High School Testing Revolving.....</i>	<i>\$ 25 000</i>

COLLEGE OF FINE AND APPLIED ARTS**Summary**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Instruction</i>			
Administration.....	\$ 25 930	\$34 000	\$ 59 930
Architecture.....	202 600	11 000	213 600
Art.....	184 326	6 400	190 726
Landscape Architecture.....	34 060	1 420	35 480
School of Music.....	317 190	39 000	356 190
University of Illinois Bands.....	22 770	10 000	32 770
<i>Sub-total.....</i>	<i>(786 876)</i>	<i>(101 820)</i>	<i>(888 696)</i>
University of Illinois Bands Revolving.....		100	100
University Chorus Revolving.....		500	500
<i>Sub-total, Instruction.....</i>	<i>(786 876)</i>	<i>(102 420)</i>	<i>(889 296)</i>
<i>Extension and Public Service</i>			
Bureau of Community Planning.....	21 500	3 500	25 000
<i>Scholarships</i>			
School of Music.....		5 000	5 000
University of Illinois Bands.....		6 000	6 000
<i>Sub-total.....</i>		<i>(11 000)</i>	<i>(11 000)</i>
<i>Total, College of Fine and Applied Arts..</i>	<i>\$808 376</i>	<i>\$116 920</i>	<i>\$925 296</i>

Expendable Gift and Endowment Funds

<i>Instruction</i>			
Endowment Income.....	\$ 750	\$ 250	\$ 1 000
Gifts.....	1 000		1 000
<i>Sub-total.....</i>	<i>(1 750)</i>	<i>(250)</i>	<i>(2 000)</i>
<i>Organized Research (Gifts)</i>			
Estimated new projects and renewals.....	10 000	2 500	12 500
<i>Total, Trust Funds.....</i>	<i>\$11 750</i>	<i>\$2 750</i>	<i>\$14 500</i>

Administration

<i>Salaries and Wages</i>			
1. Rexford Newcomb, Dean.....	BY	\$ 14 000	
Professor of the History of Architecture.....	AY		
Director, Bureau of Community Planning.....	BY		
2. C. E. Palmer, Associate Dean.....	DY50	5 370	
(See Architecture).....	A50	(4 380)	
(Total Salary).....		(9 750)	
3. Nonacademic Salaries.....		6 060	
<i>Total, Salaries.....</i>		<i>(25 430)</i>	
<i>Wages.....</i>		<i>500</i>	
<i>Total, Salaries and Wages.....</i>		<i>(25 930)</i>	
<i>Expense and Equipment</i>			
Expense.....		3 500	
Equipment.....		500	
Exhibits and Lectures.....		5 000	
Special Art Project.....		25 000	
<i>Total, Expense and Equipment.....</i>		<i>(34 000)</i>	
<i>Total, Administration.....</i>		<i>\$ 59 930</i>	

Architecture

<i>Salaries and Wages</i>		
1. T. C. Bannister, Professor and Head of Department.....	A	\$11 300
2. L. H. Provine, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		

3. Rexford Newcomb, Professor of History of Architecture..	.....
(Salary under Administration)		
4. C. E. Palmer, Professor of Architectural Engineering.....	A50	4 380
(See Administration).....	DY50	(5 370)
(Total Salary).....		(9 750)
5. _____, Professor of Architectural Design.....	A	10 000
6. W. S. Kinne, Jr., Professor.....	A	8 200
7. A. K. Laing, Professor.....	A	8 200
8. N. D. Morgan, Professor of Architectural Engineering....	A	8 200
9. E. I. Love, Professor.....	A	7 400
(On leave with one-half pay, 1951-1952)		
10. Gabriel Guevrekian, Professor.....	A	7 100
11. O. S. Fjelde, Professor.....	A	7 000
12. F. M. Lescher, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
13. J. T. Lendrum, Professor.....		.....
(Salary under Small Homes Council)		
14. G. S. Keith, Professor.....	A	6 900
15. D. B. Lindsay, Professor.....	A	6 500
16. E. F. Toth, Professor.....	A	6 500
17. A. R. Williams, Professor.....	A	6 500
18. T. E. O'Donnell, Associate Professor.....	A	.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
19. R. A. Jones, Research Associate Professor.....		.....
(Salary under Small Homes Council)		
20. J. W. Wood, Associate Professor.....	A	6 000
21. R. J. Smith, Associate Professor.....	A	6 000
22. F. D. Miles, Assistant Professor.....	B	5 400
23. R. P. Link, Assistant Professor.....	B	5 300
24. R. M. Line, Assistant Professor.....	B	5 200
25. E. M. Farnham, Assistant Professor.....	B	5 000
26. G. T. Clayton, Assistant Professor.....	B	5 000
27. W. M. Johnson, Assistant Professor.....	B	4 800
28. J. A. Prestridge, Jr., Assistant Professor.....	B	4 800
29. C. B. Looker, Jr., Assistant Professor.....	B	4 500
30. J. S. Baker, Assistant Professor.....	B	4 400
31. J. M. Barrow, Assistant Professor.....	B75	3 800
32. H. C. Edwards, Instructor.....	D	4 800
33. W. J. Stoutenburg, Jr., Instructor.....	D	4 200
34. J. B. Wallace, Instructor.....	D	3 900
35. J. R. McGhee, Instructor.....	D	(3 660)
(On leave without pay for military service)		
36. B. D. Brinkworth, Instructor.....	D	3 500
37. Mrs. Elizabeth T. Smith, Instructor.....	D	3 300
38. 6.00 Part-time Assistants.....		14 400
39. Nonacademic Salaries.....		9 420
Total, Salaries.....		(201 900)
Wages.....		700
Total, Salaries and Wages.....		(202 600)
Expense and Equipment		
Expense.....		3 500
Convention Travel.....		1 000
Special Educational Projects.....		4 000
Equipment.....		2 500
Total, Expense and Equipment.....		(11 000)
Total, Architecture.....		\$213 600

Art

Salaries and Wages

1. A. S. Weller, Professor and Head of Department.....	A	\$ 10 250
2. C. V. Donovan, Professor.....	A	8 200
3. C. E. Bradbury, Professor.....	A	7 800

4. F. J. Roos, Jr., Professor	A	7 530
5. J. R. Shipley, Professor	A	7 150
6. J. D. Hogan, Professor	A	6 800
7. LaForce Bailey, Professor	A	6 700
8. H. A. Schultz, Associate Professor	A50	3 250
(See Education)	A33	(2 165)
(See Council on Teacher Education)	D17	(1 085)
(Total Salary)		(6 500)
9. W. F. Doolittle, Associate Professor	A	6 300
10. C. A. Dietemann, Associate Professor	A	5 775
11. J. W. Kennedy, Associate Professor	A	5 700
12. Louise M. Woodroffe, Associate Professor	A	5 700
13. M. B. Martin, Associate Professor	A	5 500
14. E. C. Rae, Associate Professor	A	5 500
15. A. J. Pulos, Associate Professor	A	5 000
16. Nicholas Britsky, Assistant Professor	B	5 150
17. R. E. Hult, Assistant Professor	B	5 000
18. Nicola Zirolì, Assistant Professor	B	4 950
19. J. W. Raushenberger, Assistant Professor	B	4 900
20. L. R. Chesney, Jr., Assistant Professor	B	4 620
21. R. L. Drummond, Assistant Professor	B	4 650
22. C. W. Briggs, Assistant Professor	B	4 300
23. M. A. Sprague, Assistant Professor	B	4 100
24. Raymond Perlman, Instructor	D	4 400
25. G. N. Foster, Instructor	D	4 100
26. J. H. G. Lynch, Instructor	D	3 950
27. L. W. Zamiska, Instructor	D	3 800
28. Bacia R. Stepner, Instructor	D	3 700
29. E. J. Bransby, Instructor	D	3 500
30. E. H. Betts, Instructor	D	3 500
31. R. A. Ginstrom, Instructor	D	3 000
32. 3.50 Part-time Assistants	E	8 640
33. Nonacademic Salaries		4 551
<i>Total, Salaries</i>		(177 966)
Wages		6 360
<i>Total, Salaries and Wages</i>		(184 326)
<i>Expense and Equipment</i>		
Expense		3 600
Convention Travel		600
Equipment		2 200
<i>Total, Expense and Equipment</i>		(6 400)
<i>Total, Art</i>		\$190 726

Landscape Architecture

<i>Salaries and Wages</i>		
1. O. G. Schaffer, Professor and Head of Department	A	\$ 8 850
2. K. B. Lohmann, Professor of City and Regional Planning ..	A	7 900
3. S. H. White, Professor	A	7 600
4. Harland Bartholomew, Nonresident Professor of Civic Design	D20	1 200
5. Florence B. Robinson, Professor, <i>Emerita</i> .....		.....
(Retiring allowance payable by Retirement System)		
6. D. H. Morgan, Professor of Community Planning .....		.....
(Salary under Bureau of Community Planning)		
7. W. M. Keith, Assistant Professor	B	4 500
8. I. L. Peterson, Assistant Professor	B40	1 750
9. V. A. Hyde, Assistant Professor of Community Planning ..		.....
(Salary under Bureau of Community Planning)		
10. J. V. Edsall, Assistant Professor of Community Planning ..		.....
(Salary under Bureau of Community Planning)		
11. .50 Part-time Assistants	E	1 200
12. Nonacademic Salaries		960
<i>Total, Salaries</i>		(33 960)

Wages.....	100
<i>Total, Salaries and Wages</i>	(34 060)
<i>Expense and Equipment</i>	
Expense.....	970
Convention Travel.....	150
Equipment.....	300
<i>Total, Expense and Equipment</i>	(1 420)
<i>Total, Landscape Architecture</i>	\$ 35 480

<i>Salaries and Wages</i>		School of Music	
1. D. A. Branigan, Director.....	BY }	\$ 11 850	
Professor.....	AY }		
2. A. A. Harding, Professor, <i>Emeritus</i>			
(Retiring allowance payable by Retirement System)			
3. G. F. Schwartz, Professor, <i>Emeritus</i> (From Retiring Allowances).....		(1 842)	
4. A. M. Carter, Assistant to the Director.....	DY50	2 640	
Instructor.....	D50	2 160	
(Total Salary).....		(4 800)	
5. M. H. Hindsley, Professor.....	A33	2 690	
(See University of Illinois Bands).....	DY67	(6 460)	
(Total Salary).....		(9 150)	
6. J. M. Kuypers, Professor.....	A	8 250	
7. B. R. Foote, Professor.....	A	7 700	
8. Paul Young, Professor.....	A	7 530	
9. R. H. Miles, Professor.....	A	7 250	
10. Sherman Schoonmaker, Professor.....	A	7 250	
11. W. G. Hill, Professor.....	A	7 150	
12. Hubert Kessler, Professor.....	A	7 150	
13. Stanley Fletcher, Professor.....	A	6 850	
14. _____, Professor of Music Education.....	A	7 500	
15. Paul Rolland, Professor.....	A	6 720	
16. Burrill Phillips, Associate Professor.....	A	6 900	
17. Bernard Goodman, Associate Professor.....	A50 }	6 500	
Artist in Residence.....	D50 }		
18. J. P. Painter, Associate Professor.....			
(Salary under Music Extension)			
19. G. R. Waller, Associate Professor.....	A50	2 820	
(See Music Extension).....	AY50	(3 450)	
(Total Salary).....		(6 270)	
20. H. C. C. Schmitt, Associate Professor.....	A50 }	6 050	
Artist in Residence.....	D50 }		
21. R. H. Swenson, Associate Professor.....	A50 }	6 050	
Artist in Residence.....	D50 }		
22. Mrs. Velma K. Wilson, Associate Professor of Music Education.....	A67	4 018	
(See Council on Teacher Education).....	D33	(1 982)	
(Total Salary).....		(6 000)	
23. P. S. Pettinga, Associate Professor.....	A75	4 460	
(See Student Counseling Bureau).....	D25	(1 490)	
(Total Salary).....		(5 950)	
24. Soulima Stravinsky, Associate Professor.....	A	5 920	
25. E. H. Weigel, Associate Professor.....	A	5 700	
26. Jane C. Watt, Associate Professor.....	A	5 700	
27. L. A. Potter, Jr., Associate Professor.....	A	5 700	
28. LeRoy Hamp, Associate Professor.....	A	5 600	
29. Dorothy E. Bowen, Associate Professor.....	A	5 500	
30. W. L. Roosa, Associate Professor.....	A	5 450	
31. King Kellogg, Associate Professor.....	A	5 400	
32. Edith Usry, Associate Professor.....	A	5 400	
33. Ludwig Zirner, Associate Professor.....	A	5 200	
34. Norman Cazden, Assistant Professor.....	B	5 850	
35. J. R. Kelly, Assistant Professor.....	B	5 500	

36. E. D. Kisinger, Assistant Professor	B50	2 750
(See University of Illinois Bands)	B50	(2 750)
(Total Salary)		(5 500)
37. H. O. Sexton, Assistant Professor	B75	4 180
(See University of Illinois Bands)	B25	(1 320)
(Total Salary)		(5 500)
38. Miriam B. Stewart, Assistant Professor	B	5 250
39. Wolfgang Kuhn, Assistant Professor	B33	1 712
(See Education)	B50	(2 570)
(See Council on Teacher Education)	B17	(858)
(Total Salary)		(5 140)
40. ———, Assistant Professor	B	.....
(Salary under Music Extension)		
41. A. J. McDowell, Assistant Professor	B75	3 750
(See University of Illinois Bands)	B25	(1 250)
(Total Salary)		(5 000)
42. J. C. Garvey, Assistant Professor	B50	} 4 650
Artist in Residence	D50	
43. G. H. Hunter, Assistant Professor	B	4 100
44. G. W. Binkerd, Assistant Professor	B	4 650
45. Beth Bradley, Assistant Professor	B	4 520
46. ———, Assistant Professor	B	4 500
47. Claire Richards, Assistant Professor	B	4 300
48. T. S. Richardson, Assistant Professor . . . . .		.....
(Salary under Music Extension)		
49. W. H. Miller, Assistant Professor	B75	4 030
50. Kathryn J. Sutherlin, Associate . . . . .		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
51. M. C. Howe, Instructor	D75	3 540
(See University of Illinois Bands)	D25	(1 160)
(Total Salary)		(4 700)
52. Colleen J. Kirk, Instructor	D33	1 520
(See Education)	D50	(2 305)
(See Council on Teacher Education)	D17	(785)
(Total Salary)		(4 610)
53. L. A. Starr, Instructor	D50	2 200
(See University of Illinois Bands)	D50	(2 200)
(Total Salary)		(4 400)
54. Dorothy E. Clark, Instructor	D	4 300
55. E. V. Putnik, Instructor	D	4 100
56. T. E. Ribbink, Instructor	D67	2 690
(See Physical Education for Women)	D33	(1 340)
(Total Salary)		(4 030)
57. W. P. Malm, Instructor	D67	2 690
(See Physical Education for Women)	D33	(1 340)
(Total Salary)		(4 030)
(On leave without pay for military service)		
58. D. A. Ledet, Instructor	D	4 000
59. Max Kaplan, Instructor	D50	2 000
(See Sociology and Anthropology)	D50	(2 000)
(Total Salary)		(4 000)
60. Stella Percival, Instructor, <i>Emerita</i> . . . . .		.....
(Retiring allowance payable by Retirement System)		
61. P. W. Price, Instructor	D75	3 000
(See University of Illinois Bands)	D25	(1 000)
(Total Salary)		(4 000)
62. Mary Frances James, Instructor	D	4 000
63. ———, Instructor	D	4 000
64. 3.33 Part-time Assistants	E	8 000
65. Nonacademic Salaries		22 840
<i>Total, Salaries</i>		(310 990)
Wages		6 200
<i>Total, Salaries and Wages</i>		(317 190)

Expense and Equipment

Expense.....	20 000
Contemporary Arts Festival—Chicago Symphony Orchestra (From Educational Nonrecurring).....	(4 000)
University Orchestra Scholarships (35 at \$50 per semester)....	5 000
Convention Travel.....	2 000
Equipment.....	17 000
<i>Total, Expense and Equipment.....</i>	<i>(44 000)</i>
<i>Total, School of Music.....</i>	<i>\$361 190</i>

University Chorus Revolving (Entire budget from receipts)*Expense and Equipment*

Expense.....	\$ 500
<i>Total, University Chorus Revolving.....</i>	<i>\$ 500</i>

University of Illinois Bands*Salaries and Wages*

1. M. H. Hindsley, Director.....	BY67	\$ 6 460
(See Music).....	A33	(2 690)
(Total Salary).....		(9 150)
2. A. A. Harding, Director and Professor of Music, <i>Emeritus</i>..		.....
(Retiring allowance payable by Retirement System)		
3. E. D. Kisinger, Assistant Director.....	B50	2 750
(See Music).....	B50	(2 750)
(Total Salary).....		(5 500)
4. H. O. Sexton, Assistant Professor.....	B25	1 320
(See Music).....	B75	(4 180)
(Total Salary).....		(5 500)
5. A. J. McDowell, Assistant Professor.....	B25	1 250
(See Music).....	B75	(3 750)
(Total Salary).....		(5 000)
6. M. C. Howe, Instructor.....	D25	1 160
(See Music).....	D75	(3 540)
(Total Salary).....		(4 700)
7. L. A. Starr, Instructor and Band Librarian.....	D50	2 200
(See Music).....	D50	(2 200)
(Total Salary).....		(4 400)
8. P. W. Price, Instructor.....	D25	1 000
(See Music).....	D75	(3 000)
(Total Salary).....		(4 000)
9. .50 Part-time Assistants.....	E	1 260
10. Nonacademic Salaries.....		2 220
<i>Total, Salaries.....</i>		<i>(19 620)</i>
Wages.....		3 150
<i>Total, Salaries and Wages.....</i>		<i>(22 770)</i>

Expense and Equipment

Expense.....	4 800
Convention Travel.....	200
Band Scholarships and Commencement Exercises.....	6 000
Equipment.....	5 000
<i>Total, Expense and Equipment.....</i>	<i>(16 000)</i>
<i>Total, University of Illinois Bands.....</i>	<i>\$ 38 770</i>

University of Illinois Bands Revolving (Entire budget from receipts)*Expense and Equipment*

Expense.....	\$ 100
<i>Total, University of Illinois Bands Revolving.....</i>	<i>\$ 100</i>

Bureau of Community Planning*Salaries and Wages*

1. Rexford Newcomb, Director.....		.....
(Salary under Administration)		
2. D. H. Morgan, Professor.....	AY}	\$ 8 000
Community Consultant.....	BY}	

3. V. A. Hyde, Assistant Professor	BY	5 500
4. J. V. Edsall, Assistant Professor	BY	5 100
5. Nonacademic Salaries		2 550
<i>Total, Salaries</i>		(21 150)
Wages		350
<i>Total, Salaries and Wages</i>		(21 500)
<i>Expense and Equipment</i>		
Expense		3 500
<i>Total, Bureau of Community Planning</i>		\$ 25 000

SCHOOL OF PHYSICAL EDUCATION

	Summary	Salaries and Wages	Other Expense	Total
<i>Instruction</i>				
Administration	\$ 18 750	\$ 1 700	\$ 20 450	
Physical Education for Men	212 145	25 800	237 945	
Physical Education for Women	70 216	11 300	81 516	
<i>Sub-total</i>	(301 111)	(38 800)	(339 911)	
<i>Self-Supporting Accounts</i>				
Special Rehabilitation Revolving	3 560	2 000	5 560	
<i>Total, School of Physical Education</i>	\$304 671	\$40 800	\$345 471	

Expendable Gift and Endowment Funds

<i>Instruction (Endowment)</i>				
Estimated new projects and renewals	\$100	\$ 25	\$ 125	
<i>Organized Research (Gifts)</i>				
Estimated new projects and renewals	750	250	1 000	
<i>Sub-total</i>	(850)	(725)	(1 125)	

United States Government Contracts
and Indirect Costs Recovered

<i>Organized Research</i>				
Estimated new projects and renewals	75	25	100	
<i>Total, Trust Funds</i>	\$925	\$300	\$1 225	

	Administration		
<i>Salaries and Wages</i>			
1. S. C. Staley, Director	BY	\$ 11 300	
Professor of Physical Education for Men and Head of Department	AY		
2. M. H. Eyler, Assistant to Director	DY75	(3 465)	
(See Physical Education for Men)	D25	(935)	
(Total Salary)		(4 400)	
(On leave without pay for military service)			
3. A. C. Moore, Assistant to Director	DY75	3 200	
(See Physical Education for Men)	D25	(900)	
(Total Salary)		(4 100)	
4. Nonacademic Salaries		3 300	
<i>Total, Salaries</i>		(17 800)	
Wages		950	
<i>Total, Salaries and Wages</i>		(18 750)	
<i>Expense and Equipment</i>			
Expense		1 400	
Equipment		300	
<i>Total, Expense and Equipment</i>		(1 700)	
<i>Total, Administration</i>		\$ 20 450	

Salaries and Wages Physical Education for Men

1. S. C. Staley, Professor and Head of Department .....	.....
(Salary under Administration)	

2. R. C. Zuppke, Professor, <i>Emeritus</i> .....	.....
(Retiring allowance payable by Retirement System and Athletic Association)		
3. D. R. Mills, Professor	A12	\$ 2 000
(From Athletic Association)	DY88	(15 000)
(Total Salary)		(17 000)
4. C. K. Brightbill, Professor	A	10 000
5. T. K. Cureton, Professor	A	9 400
(On leave with pay Semester II, 1951-1952)		
6. H. S. Hoyman, Professor of Health Education	A	9 300
7. G. T. Stafford, Professor	A50	4 050
(See University Extension)	D50	(4 050)
(Total Salary)		(8 100)
8. C. O. Jackson, Professor	A	7 250
9. Raymond Eliot, Associate Professor	A15	2 000
(From Athletic Association)	DY85	(13 500)
(Total Salary)		(15 500)
10. B. A. Ingwersen, Associate Professor	A15	1 625
(From Athletic Association)	DY85	(10 000)
(Total Salary)		(11 625)
11. W. H. Roettger, Associate Professor	A20	1 625
(From Athletic Association)	DY80	(8 100)
(Total Salary)		(9 725)
12. F. E. Boys, Associate Professor of Health Education	{A50	4 100
(Total Salary)	{AY50	5 000
		(9 100)
13. H. E. Kenney, Associate Professor	A	7 250
14. R. H. Johnson, Associate Professor	A40	2 560
(See Council on Teacher Education)	D60	(3 840)
(Total Salary)		(6 400)
15. L. T. Johnson, Assistant Professor	B15	1 200
(From Athletic Association)	DY85	(7 900)
(Total Salary)		(9 100)
16. R. E. Fletcher, Assistant Professor	B30	2 375
(From Athletic Association)	DY70	(6 500)
(Total Salary)		(8 875)
17. H. A. Combes, Assistant Professor	B15	1 200
(From Athletic Association)	DY85	(7 100)
(Total Salary)		(8 300)
18. A. E. Florio, Assistant Professor	B45	2 835
(See Council on Teacher Education)	D55	(3 465)
(Total Salary)		(6 300)
19. H. J. Braun, Assistant Professor	D50	2 375
(From Athletic Association)	DY50	(3 800)
(Total Salary)		(6 175)
20. A. W. Hubbard, Assistant Professor	D	6 100
21. A. V. Sabora, Assistant Professor	B	6 000
22. B. R. Patterson, Assistant Professor	B20	1 300
(From Athletic Association)	DY	(4 300)
(Total Salary)		(5 600)
23. R. E. Shelton, Assistant Professor	B	5 450
24. H. C. Paterson, Assistant Professor	B	5 200
25. R. V. Ganslen, Assistant Professor	D75	3 600
26. W. J. Huffman, Assistant Professor .....		.....
(Salary under University Extension)		
27. H. L. Gill, Associate, <i>Emeritus</i> (From Athletic Association)		(1 000)
28. E. J. Manley, Associate	D67	3 400
(From Athletic Association)	DY33	(2 350)
(Total Salary)		(5 750)
29. R. B. King, Instructor	D25	775
(From Athletic Association)	DY75	(6 500)
(Total Salary)		(7 275)

30. A. B. Klingel, Instructor	D28	1 425
(From Athletic Association)	DY72	(4 600)
(Total Salary)		(6 025)
31. C. P. Pond, Instructor	D75	3 900
(From Athletic Association)	DY25	(1 300)
(Total Salary)		(5 200)
32. R. H. Pohndorf, Instructor	D	4 500
33. A. H. Seidler, Instructor	D	4 400
34. M. R. Garret, Instructor	D70	2 975
(From Athletic Association)	DY30	(1 450)
(Total Salary)		(4 425)
35. J. L. Breen, Instructor	D75	3 075
(See Student Counseling Bureau)	D25	(1 025)
(Total Salary)		(4 100)
36. M. H. Eyler, Instructor	D25	(935)
(See Administration)	DY75	(3 465)
(Total Salary)		(4 400)
(On leave without pay for military service)		
37. A. C. Moore, Instructor	D25	900
(See Administration)	DY75	(3 200)
(Total Salary)		(4 100)
38. R. I. Miller, Instructor	D15	630
(See Education)	D35	(1 470)
(See University High School)	D50	(2 100)
(Total Salary)		(4 200)
39. T. J. Nugent, Instructor	D	4 200
40. T. F. Krizan, Instructor	D	3 900
41. E. D. Michael, Instructor	D75	2 700
42. _____, Instructor	D50	1 600
43. _____, Instructor	D50	1 600
44. M. C. Brewer, Assistant	E25	700
(From Athletic Association)	DY75	(5 850)
(Total Salary)		(6 550)
45. C. G. Purvis, Assistant	E25	700
(From Athletic Association)	DY75	(4 850)
(Total Salary)		(5 550)
46. Louis Agase, Assistant	E25	700
(From Athletic Association)	DY75	(3 850)
(Total Salary)		(4 550)
47. B. L. Beck, Assistant	E75	2 700
(From Athletic Association)	DY25	(800)
(Total Salary)		(3 500)
48. _____, Assistant	E	3 300
49. G. D. Sibons, Assistant	E	3 600
50. _____, Assistant	E	3 200
51. R. C. Mears, Assistant	E	3 100
52. 6.50 Part-time Assistants	E	15 900
53. Nonacademic Salaries		28 470
<i>Total, Salaries</i>		(206 145)
Wages		6 000
<i>Total, Salaries and Wages</i>		(212 145)
<i>Expense and Equipment</i>		
Expense		22 000
Convention Travel		800
Equipment		3 000
<i>Total, Expense and Equipment</i>		(25 800)
<i>Total, Physical Education for Men</i>		\$237 945
Special Rehabilitation Revolving (Entire budget from receipts)		
<i>Salaries and Wages</i>		
1. .50 Part-time Assistants	E	\$ 1 300
2. Nonacademic Salaries		2 010
<i>Total, Salaries</i>		(3 310)

Wages.....	250
<i>Total, Salaries and Wages</i>	(3 560)
<i>Expense and Equipment</i>	
Expense.....	1 800
Equipment.....	200
<i>Total, Expense and Equipment</i>	(2 000)
<i>Total, Special Rehabilitation Revolving</i>	\$ 5 560

Physical Education for Women

1. Laura J. Huelster, Professor and Head of Department....	A	\$ 7 250
2. Louise Freer, Professor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. Carita Robertson, Associate Professor.....	A	5 800
4. M. Florence Lawson, Assistant Professor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
5. Margaret Erlanger, Assistant Professor.....	B	4 950
6. Enid Schnauber, Assistant Professor.....	B75	3 548
(See Council on Teacher Education).....	D25	(1 182)
(Total Salary).....		(4 730)
7. Nancy E. Houston, Assistant Professor.....	B80	3 440
(See Council on Teacher Education).....	D20	(860)
(Total Salary).....		(4 300)
8. Ann E. Jewett, Instructor.....	D25	1 125
(See Education).....	D75	(3 375)
(Total Salary).....		(4 500)
9. Mrs. Doris L. Bullock, Instructor.....	D	4 250
10. Helen L. Wagner, Instructor.....	D	4 100
11. Beulah J. Drom, Instructor.....	D75	3 075
(See Education).....	D25	(1 025)
(Total Salary).....		(4 100)
12. W. P. Malm, Instructor.....	D33	(1 340)
(See Music).....	D67	(2 690)
(Total Salary).....		(4 030)
(On leave without pay for military service)		
13. T. E. Ribbink, Instructor.....	D33	1 340
(See Music).....	D67	(2 690)
(Total Salary).....		(4 030)
14. Jo Anne Booker, Instructor.....	D	3 900
15. Margery Turner, Instructor.....	D50	1 850
16. Marjorie L. Miles, Assistant.....	E	3 550
17. Virginia L. Freeman, Assistant.....	E	3 050
18. Lorraine Nielsen, Assistant.....	E	2 860
19. 1.00 Part-time Assistants.....	E	3 000
20. Nonacademic Salaries.....		10 758
<i>Total, Salaries</i>		(67 846)
Wages.....		2 370
<i>Total, Salaries and Wages</i>		(70 216)
<i>Expense and Equipment</i>		
Expense.....		8 750
Convention Travel.....		350
Equipment.....		2 200
<i>Total, Expense and Equipment</i>		(11 300)
<i>Total, Physical Education for Women</i>		\$ 81 516

COLLEGE OF VETERINARY MEDICINE

Summary			
	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$89 580	\$7 950	\$97 530
Veterinary Clinical Medicine.....	43 170	4 400	47 570
Veterinary Anatomy and Histology.....	22 526	2 500	25 026

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Veterinary Pathology and Hygiene.....	69 975	11 500	81 475
Veterinary Physiology and Pharmacology.....	17 075	2 500	19 575
<i>Total</i>	(242 326)	(28 850)	(271 176)
Veterinary Clinic Revolving.....	6 115	37 885	44 000
<i>Total</i>	\$248 441	\$66 735	\$315 176

Expendable Gift Funds

Organized Research			
Estimated new project and renewals.....	\$7 500	\$2 500	\$10 000

**United States Government Contracts
and Indirect Costs Recovered**

Organized Research			
Estimated new project and renewals.....	250	50	300
<i>Total, Trust Funds</i>	\$7 750	\$2 550	\$10 300

Administration

<i>Salaries and Wages</i>			
1. Robert Graham, Dean.....	BY75	\$ 8 890	
Professor of Veterinary Pathology and Hygiene and Head of Department.....	AY		
(See Agriculture, Veterinary Research).....	AY25	(2 960)	
(Total Salary).....		(11 850)	
2. N. D. Levine, Assistant to the Dean.....			
(Salary under Veterinary Pathology and Hygiene and Agricultural Experiment Station)			
3. L. E. Ashelford, Assistant Editor, with rank of Instructor..	DY	(4 125)	
(On military leave without pay)			
4. G. L. McCleary, Assistant Editor, with rank of Instructor	DY	3 750	
5. Nonacademic Salaries.....		69 440	
<i>Total, Salaries</i>		(82 080)	
<i>Wages</i>		7 500	
<i>Total, Salaries and Wages</i>		(89 580)	
<i>Expense and Equipment</i>			
Expense.....		6 250	
Convention Travel.....		200	
Equipment.....		1 500	
<i>Total, Expense and Equipment</i>		(7 950)	
<i>Total, Administration</i>		\$ 97 530	

Veterinary Anatomy and Histology

<i>Salaries and Wages</i>			
1. L. E. St. Clair, Professor and Head of Department.....	AY76	\$ 6 368	
(See Agriculture, Veterinary Research).....	AY24	(2 032)	
(Total Salary).....		(8 400)	
2. M. S. Cover, Assistant Professor.....	BY92	6 143	
(See Agriculture, Veterinary Research).....	BY8	(557)	
(Total Salary).....		(6 700)	
3. G. A. Linton, Instructor.....	DY	4 300	
4. Elizabeth J. Reeves, Instructor.....	DY	3 740	
5. C. R. Heldt, Medical Illustrator.....	DY50	1 975	
(See Veterinary Pathology and Hygiene).....	DY50	(1 975)	
(Total Salary).....		(3 950)	
<i>Total, Salaries</i>		(22 526)	
<i>Expense and Equipment</i>			
Expense.....		1 000	
Convention Travel.....		100	
Equipment.....		1 400	
<i>Total, Expense and Equipment</i>		(2 500)	
<i>Total, Veterinary Anatomy and Histology</i>		\$ 25 026	

<i>Salaries and Wages</i>		Veterinary Clinical Medicine	
1. L. E. Boley, Professor and Head of Department.....	AY	\$	8 750
2. R. D. Hatch, Associate Professor.....	AY		6 900
3. R. E. Witter, Assistant Professor.....	BY		6 720
4. H. J. Hardenbrook, Assistant Professor.....	BY		6 500
5. P. J. Meginnis, Instructor.....	DY		6 450
6. T. H. Brasmer, Instructor.....	DY		5 500
7. A. F. McLean, Instructor.....	DY54		2 350
(See Veterinary Clinic Revolving).....	DY46		(2 000)
(Total Salary).....			(4 350)
<i>Total, Salaries</i>			(43 170)
<i>Expense and Equipment</i>			
Expense.....			2 000
Convention Travel.....			250
Equipment.....			2 150
<i>Total, Expense and Equipment</i>			(4 400)
<i>Total, Veterinary Clinical Medicine</i>			\$ 47 570

Veterinary Clinic Revolving (Entire budget from receipts; appropriations limited to actual income or budget estimate, whichever is lower)

<i>Salaries and Wages</i>			
1. P. B. Barto, Instructor.....	DY40	\$	2 115
(See Veterinary Pathology and Hygiene).....	DY60		(3 185)
(Total Salary).....			(5 300)
2. A. F. McLean, Instructor.....	DY46		2 000
(See Veterinary Clinical Medicine).....	DY54		(2 350)
(Total Salary).....			(4 350)
3. Dragutin Maksic, Assistant.....	DY50		2 000
(See Veterinary Pathology and Hygiene).....	DY50		(2 000)
(Total Salary).....			(4 000)
<i>Total, Salaries</i>			(6 115)
<i>Expense and Equipment</i>			
Expense.....			37 885
<i>Total, Veterinary Clinic Revolving</i>			\$ 44 000

<i>Salaries and Wages</i>		Veterinary Pathology and Hygiene	
1. Robert Graham, Professor and Head of Department.....			.....
(Salary under Administration and Agricultural Experiment Station)			
2. C. C. Morrill, Professor.....	AY71	\$	6 500
(See Agriculture, Veterinary Research).....	AY29		(2 600)
(Total Salary).....			(9 100)
3. J. O. Alberts, Professor.....	AY65		5 048
(See Agriculture, Veterinary Research).....	AY35		(2 752)
(Total Salary).....			(7 800)
4. N. D. Levine, Associate Professor, Veterinary Parasitology Assistant to the Dean.....	AY72		5 271
(See Agriculture, Veterinary Research).....	BY		.....
(Total Salary).....	AY28		(2 029)
5. P. D. Beamer, Associate Professor.....	AY79		(7 300)
(See Agriculture, Veterinary Research).....	AY21		5 530
(Total Salary).....			(1 470)
6. Ethel McNeil, Associate Professor.....	AY25		(7 000)
(See Agriculture, Veterinary Research).....	AY75		1 625
(Total Salary).....			(4 875)
7. M. E. Mansfield, Assistant Professor, Veterinary Extension.....			(6 500)
(Salary under Agricultural Experiment Station)			.....
8. H. S. Bryan, Assistant Professor.....	BY69		4 608
(See Agriculture, Veterinary Research).....	BY31		(2 092)
(Total Salary).....			(6 700)

9. G. T. Woods, Assistant Professor, Veterinary Extension . . .	BY40	2 450
(See Smith-Lever Fund)	BY60	(3 550)
(Total Salary)		(6 000)
10. O. D. Grace, Assistant Professor (Without salary)	BY	.....
11. H. E. Rhoades, Assistant Professor	BY	5 483
12. P. B. Barto, Instructor	DY60	3 185
(See Veterinary Clinic Revolving)	DY40	(2 115)
(Total Salary)		(5 300)
13. S. C. Schmittle, Instructor . . . . .		.....
(Salary under Agricultural Experiment Station)		
14. D. W. Pratt, Instructor	DY	4 800
15. L. E. Hanson, Instructor . . . . .		.....
(Salary under Agricultural Experiment Station)		
16. Emily L. Dorstewitz, Instructor	DY	4 000
17. F. H. White, Instructor	DY	4 000
18. _____, Instructor	DY	4 000
19. _____, Instructor	DY	4 000
20. Dragutin Maksic, Assistant	DY50	2 000
(See Veterinary Clinic Revolving)	DY50	(2 000)
(Total Salary)		(4 000)
21. Virginia Ivens, Assistant	DY	3 200
22. C. R. Heldt, Medical Illustrator	DY50	1 975
(See Veterinary Anatomy and Histology)	DY50	(1 975)
(Total Salary)		(3 950)
23. .50 Part-time Assistants	DY	2 300
<i>Total, Salaries</i>		(69 975)
<i>Expense and Equipment</i>		
Expense		8 500
Convention Travel		500
Equipment		2 500
<i>Total, Expense and Equipment</i>		(11 500)
<i>Total, Veterinary Pathology and Hygiene</i>		\$ 81 475

Veterinary Physiology and Pharmacology

<i>Salaries and Wages</i>		
1. Jesse Sampson, Professor and Head of Department	AY71	\$ 6 500
(See Agriculture, Veterinary Research)	AY29	(2 600)
(Total Salary)		(9 100)
2. R. P. Link, Associate Professor	AY90	6 075
(See Agriculture, Veterinary Research)	AY10	(645)
(Total Salary)		(6 720)
3. _____, Associate Professor . . . . .		.....
(Salary under Agricultural Experiment Station)		
4. Rebecca K. Borton, Instructor	DY25	1 100
(See Bankhead-Jones Fund)	DY75	(3 200)
(Total Salary)		(4 300)
5. T. R. Houpt, Instructor	DY75	3 400
<i>Total, Salaries</i>		(17 075)
<i>Expense and Equipment</i>		
Expense		1 450
Convention Travel		50
Equipment		1 000
<i>Total, Expense and Equipment</i>		(2 500)
<i>Total, Veterinary Physiology and Pharmacology</i>		\$ 19 575

COLLEGE OF LAW

	Summary	Salaries and Wages	Other Expense	Total
Law		\$192 390	\$22 250	\$214 640
Law Scholarships			2 500	2 500
<i>Total, College of Law</i>		\$192 390	\$24 750	\$217 140

<i>Salaries and Wages</i>		Law	
1. A. J. Harno, Dean	BY	}	\$ 15 950
Professor	AY		
2. Frederick Green, Professor, <i>Emeritus</i> (From Retiring Allowances)			(3 000)
3. O. L. McCaskill, Professor, <i>Emeritus</i> (Retiring allowance payable by Retirement System)			.....
4. M. I. Schnebly, Professor	A		12 900
5. W. L. Summers, Professor	A		12 900
6. G. W. Goble, Professor	A		12 900 ¹
7. R. N. Sullivan, Professor	A		12 900
8. E. W. Cleary, Professor	A		12 900
9. W. E. Britton, Professor	A		12 600
10. G. B. Weisiger, Professor	A		9 400
11. H. W. Holt, Professor	A		9 200
12. K. S. Carlston, Professor	A		9 200
13. R. F. Lesemann, Professor (Salary under Legal Counsel)			.....
14. A. F. Conard, Professor	A		8 700
15. R. G. Cohn, Professor	A		8 700 ¹
16. J. G. Thomas, Professor	A33		2 700
17. J. N. Young, Associate Professor	A		7 500
18. J. E. Cribbet, Associate Professor	A		7 500
19. C. H. Bowman, Assistant Professor	B		7 000
20. R. J. Faletti, Assistant Professor	B		6 100
21. Emma J. Hughes, Assistant Editor, with rank of Assistant	DY		2 930
22. 1.00 Part-time Research Assistants	DY		3 000
23. Nonacademic Salaries			14 910
<i>Total, Salaries</i>			(189 890)
Wages			2 500
<i>Total, Salaries and Wages</i>			(192 390)
<i>Expense and Equipment</i>			
Expense			20 000
Convention Travel			750
Scholarships			2 500
Equipment			1 500
<i>Total, Expense and Equipment</i>			(24 750)
<i>Total, Law</i>			\$217 140

DIVISION OF COMMUNICATIONS

Summary			
<i>Instruction and Departmental Research</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration	\$ 9 430	\$ 4 000	\$13 430
School of Journalism and Communications	123 845	12 900	136 745
Library School	63 280	10 200	73 480
<i>Total, Instruction and Departmental Research</i>	(196 555)	(27 100)	(223 655)
<i>Organized Research</i>			
Institute of Communications Research	17 775	5 750	23 525
<i>Extension and Public Service</i>			
Broadcasting—Director's Office	5 910	1 000	6 910
Broadcasting—Radio Station	96 563	36 764	133 327
Broadcasting—Television	7 200	7 500	14 700
Visual Communications	16 200	2 800	19 000
Allerton Extension Center	5 500	3 400	8 900
<i>Total, Extension and Public Service</i>	(131 373)	(51 464)	(182 837)

¹ Includes service to the Retirement System.

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Administration and General</i>			
University Press.....	62 660	65 000	127 660
Public Information.....	27 195	7 775	34 970
Alumni Relations and Records.....	36 825	23 600	60 425
University of Illinois Foundation.....		34 150	34 150
Sub-total.....	(126 680)	(130 525)	(257 205)
University Press Revolving.....		20 000	20 000
Total, Administration and General.....	(126 680)	(150 525)	(277 205)
<i>Auxiliary Enterprises</i>			
Allerton House Operations.....	50 000	50 000	100 000
Total, Division of Communications.....	\$522 383	\$284 839	\$807 222

Expendable Endowment Funds

Extension and Public Service			
Robert Allerton Park.....	\$25 000	\$25 000	\$50 000
Allerton Main House.....		5 000	5 000
Sub-total.....	(25 000)	(30 000)	(55 000)

Expendable Gift Funds

Estimated new projects and renewals.....	25 000	50 000	75 000
Total, Trust Funds.....	\$50 000	\$80 000	\$130 000

Administration*Salaries and Wages*

1. Wilbur Schramm, Dean.....	} BY50 AY DY50	\$ 7 150 (7 150) (14 300)
Director, University Press.....		
Research Professor, Journalism and Communications. (From Rockefeller Foundation).....		
(Total Salary).....		
2. Nonacademic Salaries.....		2 280
Total, Salaries.....		(9 430)

Expense and Equipment

Expense.....	4 000
Total, Administration.....	\$ 13 430

Institute of Communications Research*Salaries and Wages*

1. _____, Chairman.....		
2. Wilbur Schramm, Research Professor.....		
(Salary under Division of Communications)		
3. F. S. Siebert, Professor of Journalism.....		
(Salary under Journalism and Communications)		
4. C. H. Sandage, Professor of Journalism.....		
(Salary under Journalism and Communications and Business Organization and Operation)		
5. J. W. Albig, Professor of Sociology and Anthropology....		
(Salary under Sociology and Anthropology)		
6. D. W. Smythe, Research Professor.....	A50	\$ 4 300
(See Economics).....	A50	(4 300)
(Total Salary).....		(8 600)
7. J. E. Bachelder, Research Associate Professor.....	AY50	3 750
(See Sociology and Anthropology).....	AY50	(3 750)
(Total Salary).....		(7 500)
8. C. E. Osgood, Research Associate Professor.....	AY41	2 925
(See Psychology).....	AY41	(2 925)
(From Social Science Research Council).....	AY18	(1 200)
(Total Salary).....		(7 050)
9. 2.00 Research Assistants.....	DY	5 900
Total, Salaries.....		(16 875)
Wages.....		900
Total, Salaries and Wages.....		(17 775)

Expense and Equipment

Expense.....	5 750
<i>Total, Institute of Communications Research.....</i>	<i>\$ 23 525</i>

School of Journalism and Communications*Salaries and Wages*

1. F. S. Siebert, Director.....	BY }	\$ 11 550
Professor.....	AY }	
(See Institute of Communications Research)		
2. Wilbur Schramm, Research Professor.....		.....
(Salary under Administration)		
3. C. H. Sandage, Professor.....	A50	4 400
(See Business Organization and Operation).....	A50	(4 400)
(See Institute of Communications Research).....		.....
(Total Salary).....		(8 800)
4. L. W. Murphy, Professor.....	A	7 500
5. R. R. Barlow, Professor.....	A	7 300
6. O. C. Leiter, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
7. Arne Rae, Professor.....	A50	3 285
Assistant to Director.....	BY50	4 015
(Total Salary).....		(7 300)
8. J. F. Wright, Associate Professor.....		.....
(Salary under Public Information)		
9. R. B. Hudson, Associate Professor.....	AY25	2 475
(See Broadcasting).....	DY50	(4 950)
(Total Salary).....		(7 425)
10. Quincy Howe, Associate Professor.....	A60	4 842
(See Radio Station).....	D40	(3 228)
(Total Salary).....		(8 070)
11. L. W. McClure, Associate Professor.....	A	6 100
12. M. D. Seil, Associate Professor.....	A	5 800
13. F. E. Schooley, Assistant Professor.....	BY25	1 925
(See Radio Station).....	BY75	(5 775)
(Total Salary).....		(7 700)
14. V. R. Fryburger, Jr., Assistant Professor.....	B	5 900
15. R. D. Millican, Assistant Professor.....	D75	4 193
(See Student Counseling Bureau).....	D25	(1 397)
(Total Salary).....		(5 590)
16. J. T. Trebilcock, Assistant Professor.....	B	5 600
17. D. E. Brown, Assistant Professor.....	B50	2 790
(See Radio Station).....	BY50	(3 410)
(Total Salary).....		(6 200)
18. D. D. Jackson, Assistant Professor.....		.....
(Salary under University Press)		
19. A. E. Strang, Instructor.....	D50	2 640
20. H. V. Cordier, Instructor.....	DY75	4 125
(See Radio Station).....	DY25	(1 375)
(Total Salary).....		(5 500)
21. T. B. Peterson, Instructor.....	D	5 000
22. J. C. Sutton, Instructor.....	D	4 920
23. F. B. Senger, Jr., Instructor.....	D	.....
(Salary paid by Illini Publishing Company)		
24. J. B. Woodson, Jr., Instructor.....	D	4 400
25. J. W. Jensen, Instructor.....	D	4 200
26. H. E. Hill, Instructor.....	D25	1 080
(See Radio Station).....	N75	(3 720)
(Total Salary).....		(4 800)
27. P. A. Spradling, Instructor.....	D50	2 025
(See Radio Station).....	N50	(2 475)
(Total Salary).....		(4 500)
28. _____, Instructor.....	D25	1 000
(See Visual Communications).....	D25	(1 000)
(Total Salary).....		(2 000)

29. D. G. Hileman, Instructor.....	D50	1 600
30. 2.0 Part-time Assistants.....	E	5 000
31. Nonacademic Salaries.....		9 180
<i>Total, Salaries</i>		(122 845)
Wages.....		1 000
<i>Total, Salaries and Wages</i>		(123 845)
<i>Expense and Equipment</i>		
Expense.....		9 000
Convention Travel.....		1 200
Equipment.....		2 700
<i>Total, Expense and Equipment</i>		(12 900)
<i>Total, School of Journalism and Communications</i>		\$136 745

<i>Salaries and Wages</i>		Library School ¹
1. R. B. Downs, Director and Professor of Library Science..		.....
(Salary under Library)		
2. P. L. Windsor, Director and Professor of Library Science,		.....
<i>Emeritus</i>		
(Retiring allowance under Library)		
3. A. H. Lancour, Associate Director.....	BY }	\$ 9 150
Professor.....	AY }	
4. Anne M. Boyd, Professor.....		.....
(On leave without pay until further notice; disability		
benefits payable by Retirement System)		
5. A. H. Trotier, Professor.....		.....
(Salary under Library)		
6. L. W. Dunlap, Professor.....		.....
(Salary under Library)		
7. Frances Simpson, Associate Professor of Library Economy		
and Assistant Director, <i>Emerita</i> (From Retiring Al-		
lowances).....		(1 870)
8. Ethel Bond, Associate Professor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
9. Herbert Goldhor, Associate Professor.....	A	6 200
10. Thelma Eaton, Associate Professor.....	A	5 800
11. Rose B. Phelps, Associate Professor.....	A	6 000
12. Josie B. Houchens, Associate Professor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
13. Willia K. Garver, Associate Professor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
14. G. B. Brown, Associate Professor.....		.....
(On leave without pay for military service)		
(Salary under Library)		
15. L. E. Bamber, Associate Professor.....		.....
(Salary under Library)		
16. Alice Lohrer, Assistant Professor.....	B	5 200
17. C. W. Stone, Assistant Professor.....	B	5 200
18. Marie M. Hostetter, Assistant Professor.....	B	4 800
19. Marian Harman, Assistant Professor.....		.....
(Salary under Library)		
20. Alice S. Johnson, Assistant Professor.....		.....
(Salary under Library)		
21. Fanny Dunlap, Assistant Professor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
22. Mrs. Bernita J. Davies, Assistant Professor.....		.....
(Salary under Library)		
23. D. A. Brown, Assistant Professor.....		.....
(Salary under Library)		
24. Cerilla E. Saylor, Assistant Professor.....		.....
(Salary under Library)		

¹ All ranks are Professor (etc.) of Library Science.

25. Hilda J. Alseth, Assistant Professor.....		.....
(Salary under Library)		
26. Joseph Allen, Assistant Professor.....		.....
(Salary under Library)		
27. _____, Assistant Professor.....		.....
(Salary under Library)		
28. Wilma Troxel, Assistant Professor.....		.....
(Salary under Chicago Professional Library)		
29. D. K. Maxfield, Assistant Professor.....		.....
(Salary under Chicago Undergraduate Library)		
30. Nelle M. Signor, Assistant Professor.....		.....
(Salary under Library)		
31. Emma R. Jutton, Associate, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
32. Donna D. Finger, Instructor.....		.....
(Salary under Library)		
33. W. S. Yenawine, Instructor.....		.....
(Salary under Library)		
34. B. M. Woods, Instructor.....		.....
(Salary under Library)		
35. Mrs. Jane S. Strable, Instructor.....		.....
(Salary under Chicago Undergraduate Library)		
36. Viola L. James, Instructor.....	D50	2 200
(University Extension).....	D50	(2 200)
(Total Salary).....		(4 400)
37. 1.00 Research Assistants.....	DY	2 900
38. 1.50 Part-time Assistants.....	E	4 060
39. Nonacademic Salaries.....		11 220
<i>Total, Salaries</i>		(62 730)
Wages.....		550
<i>Total, Salaries and Wages</i>		(63 280)
<i>Expense and Equipment</i>		
Expense, General.....		5 750
Expense, Library Journal.....		3 000
Expense, Convention Travel.....		450
Equipment.....		1 000
<i>Total, Expense and Equipment</i>		(10 200)
<i>Total, Library School</i>		\$ 73 480

Director's Office**Broadcasting***Salaries and Wages*

1. R. B. Hudson, Director of University Broadcasting.....	DY50	\$ 4 950
(See Journalism and Communications).....	AY25	(2 475)
(Total Salary).....		(7 425)
2. Nonacademic Salaries.....		960
<i>Total, Salaries and Wages</i>		(5 910)

Expense and Equipment

Expense.....		1 000
<i>Total, Broadcasting—Director's Office</i>		\$ 6 910

Cooperative Investigations*Salaries and Wages***KELLOGG FOUNDATION—NAEB**

1. R. L. Rider, Manager, NAEB Tape Network.....	GY	\$ 6 000
(One year from June 1, 1951)		

Radio Station*Salaries and Wages*

1. F. E. Schooley, Station Manager.....	BY75	\$ 5 775
(See Journalism and Communications).....	BY25	(1 925)
(Total Salary).....		(7 700)

2. Quincy Howe, News Analyst.....	D40	3 228
(See Journalism and Communications).....	A60	(4 842)
(Total Salary).....		(8 070)
3. D. E. Brown, News Director.....	DY50	3 410
(See Journalism and Communications).....	B50	(2 790)
(Total Salary).....		(6 200)
4. H. V. Cordier, Producer.....	DY25	1 375
(See Journalism and Communications).....	DY75	(4 125)
(Total Salary).....		(5 500)
5. Nonacademic Salaries.....		79 005
<i>Total, Salaries</i>		(92 793)
Wages.....		3 770
<i>Total, Salaries and Wages</i>		(96 563)
<i>Expense and Equipment</i>		
Expense.....		36 764
<i>Total, Broadcasting—Radio Station</i>		\$133 327

Television*Salaries and Wages*

1. Nonacademic Salaries.....	\$ 7 200
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Expense and Equipment

Expense.....	6 000
Legal and Engineering Counsel.....	1 500
<i>Total, Expense and Equipment</i>	(7 500)
<i>Total, Broadcasting—Television</i>	\$ 14 700

*Salaries and Wages***University Press****EDITORIAL AND PUBLISHING DIVISION**

1. Wilbur Schramm, Director.....		.....
(Salary under Division of Communications)		
2. H. E. Cunningham, Director, with rank of Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. Miodrag Muntyan, Executive Editor, with rank of Assistant Professor.....	DY	\$ 7 150
4. Carl Stephens, University Historian.....	DY	6 650
5. D. D. Jackson, Editor and Assistant Professor of Journalism and Communications.....	DY	6 050
6. R. E. Eckerstrom, Art Editor, with rank of Assistant Professor.....	DY	6 050
7. Helen L. Smith, Editor, with rank of Assistant Professor...	DY	5 850
8. G. S. Amsbary, Editor, with rank of Assistant Professor..	DY	5 350
9. Dorothy J. Strong, Assistant Editor.....	DY	3 450
10. Nonacademic Salaries.....		20 520
<i>Total, Salaries</i>		(61 070)

PRINTING DIVISION

11. C. E. Herman, Superintendent of Print Shop (From Print Shop Operations).....	DY	(8 600)
Wages.....		1 590
<i>Total, Salaries and Wages</i>		(62 660)
<i>Expense and Equipment</i>		
Expense.....		2 500
Convention Travel.....		500
Postage on Bulletins.....		2 000
Printing and Publications.....		60 000
<i>Total, Expense and Equipment</i>		(65 000)
<i>Total, University Press</i>		\$127 660

University Press Revolving (Entire budget from receipts)*Expense and Equipment*

Expense.....	\$ 20 000
<i>Total, University Press Revolving</i>	\$ 20 000

<i>Salaries and Wages</i>		Visual Communications	
1. Lewis V. Peterson, Chairman pro tem, Visual Communications Specialist, and Instructor in Education.....	DY	\$	6 500
2. A. H. Trotter, Professor of Library Science..... (Salary under Library)			.....
3. C. W. Stone, Assistant Professor of Library Science..... (Salary under Library)			.....
4. J. B. Woodson, Jr., Instructor in Journalism..... (Salary under Journalism and Communications)			.....
5. _____, Producer.....	DY		6 000
6. _____, Instructor.....	D25		1 000
(See Journalism and Communications).....	D25		(1 000)
(Total Salary).....			(2 000)
7. .25 Part-time Assistants.....	DY		900
8. Nonacademic Salaries.....			1 800
<i>Total, Salaries</i>			16 200
<i>Expense and Equipment</i>			
Expense.....			2 225
Equipment.....			500
Convention Travel.....			75
<i>Total, Expense and Equipment</i>			(2 800)
<i>Total, Visual Communications</i>			\$ 19 000

<i>Salaries and Wages</i>		Public Information	
1. J. F. Wright, Director.....	DY	\$	10 250
Associate Professor of Journalism.....	AY		
2. Nonacademic Salaries.....			16 420
<i>Total, Salaries</i>			(26 670)
Wages.....			525
<i>Total, Salaries and Wages</i>			(27 195)
<i>Expense and Equipment</i>			
Expense.....			7 650
Equipment.....			125
<i>Total, Expense and Equipment</i>			(7 775)
<i>Total, Public Information</i>			\$ 34 970

<i>Salaries and Wages</i>		Alumni Relations and Records	
1. C. E. Bowen, Executive Director (From Alumni Association)..... (July 1, 1951 to June 30, 1952)	GY	\$	(11 850)
2. J. C. Colvin, Editor of Alumni News, with rank of Assistant Professor..... (From Alumni Association)..... (From U. of I. Foundation)..... (Total Salary)..... (July 1, 1951, to June 30, 1952)	GY		2 200 (2 200) (5 300) (9 700)
3. W. H. Rice, Director of Membership and Field Secretary (From Alumni Association)..... (July 1, 1951, to June 30, 1952)	GY		(8 250)
4. Nonacademic Salaries.....			28 950
<i>Total, Salaries</i>			(31 150)
Wages.....			5 675
<i>Total, Salaries and Wages</i>			(36 825)
<i>Expense and Equipment</i>			
Expense.....			23 600
<i>Total, Alumni Relations and Records</i>			\$ 60 425

<i>Expense and Equipment</i>		University of Illinois Foundation	
Expense.....		\$	34 150
<i>Total, University of Illinois Foundation</i>			\$ 34 150

The total of \$34,150 includes the following items and will be available to the Foundation to the extent necessary for these purposes:

Salaries and Wages

1. W. H. Butterfield, Executive Director.....	\$ 12 900
2. J. C. Colvin, Secretary.....	5 300
(From Alumni Association).....	(2 200)
(From Alumni Relations and Records).....	(2 200)
(Total Salary).....	(9 700)
3. Elizabeth Bailie, Office Secretary.....	3 630
4. Rosalya Schmidt, Clerk-Typist.....	1 920
<i>Total, Salaries</i>	(23 750)

Expense and Equipment

General Departmental Expense.....	2 000
Annual-Gift Campaign.....	16 000
Travel.....	2 200
Equipment.....	600
Retirement.....	3 000
Audit.....	600
<i>Total, Expense and Equipment</i>	(24 400)
<i>Total, University of Illinois Foundation</i>	\$ 48 150 ¹

Robert Allerton Park

Allerton Extension Center

Salaries and Wages

1. Par Danforth, Director of Robert Allerton Park, with rank of Professor.....	DY50 \$ 4 300 ²
(See Trust-Robert Allerton Park).....	DY50 (4 300)
(Total Salary).....	(8 600)
2. Nonacademic Salaries.....	.....
<i>Total, Salaries</i>	(4 300)
Wages.....	1 200
<i>Total, Salaries and Wages</i>	(5 500)

Expense and Equipment

Expense.....	1 900
Equipment.....	1 500
<i>Total, Expense and Equipment</i>	(3 400)
<i>Total, Allerton Extension Center</i>	\$ 8 900

Trust—Robert Allerton Park

Salaries and Wages

1. Par Danforth, Director of Robert Allerton Park, with rank of Professor.....	DY50 \$ 4 300
(See Allerton Extension Center).....	.....
2. Nonacademic Salaries.....	16 710
<i>Total, Salaries</i>	(21 010)
Wages.....	3 990
<i>Total, Salaries and Wages</i>	(25 000)

Expense and Equipment

Expense.....	20 000
Equipment.....	5 000
<i>Total, Expense and Equipment</i>	(25 000)
<i>Total, Trust—Robert Allerton Park</i>	\$ 50 000

Trust—Allerton Main House

Expense and Equipment

Expense.....	\$ 3 500
Equipment.....	1 500
<i>Total, Trust—Allerton Main House</i>	\$ 5 000

¹ Provided for by: University of Illinois appropriation, \$34,150; Saunders Estate income, \$6,500; income from patents, \$7,500; total, \$48,150.

² Also furnished room and board, valued at \$480 a year, for the convenience of the University.

Allerton House Operations (Entire budget from receipts)*Salaries and Wages*

1. Nonacademic Salaries	\$ 22 512
Wages	27 488
<i>Total, Salaries and Wages</i>	(50 000)

Expense and Equipment

Expense	45 000
Equipment	5 000
<i>Total, Expense and Equipment</i>	(50 000)
<i>Total, Allerton House Operations</i>	\$100 000

SUMMER SESSION*Salaries and Wages*

1. R. B. Browne, Dean	BY30	\$ 3 390
Professor of Education	AY	.....
(See University Extension)	BY70	(7 910)
(Total Salary)		(11 300)
2. Summer Instruction (as approved May 18, 1951)		515 000
3. Nonacademic Salaries		2 850
<i>Total, Salaries</i>		(521 240)
Wages		1 000
<i>Total, Salaries and Wages</i>		(522 240)

Expense and Equipment

Expense	8 000
Convention Travel	100
Equipment	400
<i>Total, Expense and Equipment</i>	(8 500)
<i>Total, Summer Session</i>	\$530 740

DIVISION OF UNIVERSITY EXTENSION**Summary**

<i>Extension and Public Service</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration	\$ 38 100	\$ 5 650	\$ 43 750
Extramural Courses and Conferences	126 960	84 900	211 860
Field Staff	24 400	6 250	30 650
Music Extension	31 060	8 200	39 260
Visual Aids Service	7 160	11 535	18 695
<i>Sub-total</i>	(227 680)	(116 535)	(344 215)
Visual Aids Revolving	39 610	24 600	64 210
<i>Total</i>	(267 290)	(141 135)	(408 425)

Instruction

Correspondence Courses	21 460	6 300	27 760
<i>Total, Division of University Extension</i> ..	\$288 750	\$147 435	\$436 185

Expendable Gift Funds

Extension			
Estimated new projects and renewals	\$8 000	\$2 000	\$10 000

United States Government Contracts and Indirect Costs Recovered

Extension			
Estimated new projects and renewals	1 250	250	1 500
<i>Total, Trust Funds</i>	\$9 250	\$2 250	\$11 500

Administration

<i>Salaries and Wages</i>			
1. R. B. Browne, Dean	BY70	\$ 7 910	
Professor of Education	AY	.....
(See Summer Session)	BY30	(3 390)	
(Total Salary)		(11 300)	

2. S. C. Robinson, Assistant Dean	DY	
Associate Professor of Management	AY	7 500
3. G. C. Carter, Associate Professor of Psychology	AY	7 100
4. Nonacademic Salaries		13 590
<i>Total, Salaries</i>		(36 100)
Wages		2 000
<i>Total, Salaries and Wages</i>		(38 100)
<i>Expense and Equipment</i>		
Expense		5 000
Convention Travel		150
Equipment		500
<i>Total, Expense and Equipment</i>		(5 650)
<i>Total, Administration</i>		\$ 43 750

Extramural Courses and Conferences

1. S. B. York, Supervisor of Extramural Classes, with rank of Assistant Professor	BY	\$ 6 000
2. R. K. Newton, Supervisor of Engineering Extension, with rank of Assistant Professor	BY	6 000

INSTRUCTIONAL STAFF

IN EDUCATION

3. J. H. Shores, Professor of Education	A30	2 025
(See Education)	A70	(4 765)
(Total Salary)		(6 790)

IN PHYSICAL EDUCATION

4. G. T. Stafford, Coordinator of Health Education	D50	4 050
(See Physical Education for Men)	A50	(4 050)
(Total Salary)		(8 100)
5. W. J. Huffman, Assistant Professor of Physical Education in Extension	B	5 200

IN LABOR AND INDUSTRIAL RELATIONS

6. P. L. Garman, Professor	AY50	4 425
(See Institute of Labor and Industrial Relations)	AY50	(4 425)
(Total Salary)		(8 850)
7. L. C. Pigage, Associate Professor	AY33	2 400
(See Institute of Labor and Industrial Relations)	AY33	(2 400)
(See Mechanical Engineering)	AY34	(2 400)
(Total Salary)		(7 200)
8. E. C. Wolfe, Associate Professor	AY	3 500
(See Institute of Labor and Industrial Relations)	AY50	(3 500)
(Total Salary)		(7 000)
9. J. F. Humes, Associate Professor of Industrial Psychology	AY50	3 350
(See Institute of Labor and Industrial Relations)	AY50	(3 350)
(Total Salary)		(6 700)
10. O. H. Erickson, Assistant Professor	BY50	3 000
(See Institute of Labor and Industrial Relations)	BY50	(3 000)
(Total Salary)		(6 000)
11. H. L. Gammill, Assistant Professor of Industrial Psychology	BY50	3 000
(See Institute of Labor and Industrial Relations)	BY50	(3 000)
(Total Salary)		(6 000)
12. J. M. Brumm, Assistant Professor	BY50	2 850
(See Institute of Labor and Industrial Relations)	BY50	(2 850)
(Total Salary)		(5 700)
13. ———, Assistant Professor	BY50	2 550
(See Institute of Labor and Industrial Relations)	BY50	(2 550)
(Total Salary)		(5 100)
14. Walter Polner, Instructor	DY50	2 150
(See Institute of Labor and Industrial Relations)	DY50	(2 150)
(Total Salary)		(4 300)

IN JOURNALISM

15. _____, Instructor in Journalism..... DY50 1 800

IN SAFETY EDUCATION

16. G. W. Harper, Associate Professor of Safety Education... AY25 2 200
 (See Mechanical Engineering)..... AY75 (5 500)
 (Total Salary)..... (7 700)

IN LIBRARY SCIENCE

17. Viola L. James, Instructor in Library Science..... D50 2 200
 (See Library School)..... D50 (2 200)
 (Total Salary)..... (4 400)

IN AGRICULTURE

18. Richard Marsh, Assistant Professor of Dairy Technology.. DY 6 500

IN BUSINESS MANAGEMENT

19. R. L. Walston, Lecturer in Management..... DY50 (2 688)
 (See Business Management Service)..... DY50 (2 687)
 (Total Salary)..... (5 375)
 (On leave without pay for military service)
 20. Nonacademic Salaries..... 8 760
Total, Salaries..... (71 960)

Wages..... 55 000
Total, Salaries and Wages..... (126 960)

Expense and Equipment

Expense..... 80 000
 Convention Travel..... 200
 Equipment..... 4 700
Total, Expense and Equipment..... (84 900)
Total, Extramural Courses and Conferences..... \$211 860

Field Staff

Salaries and Wages
 1. T. H. Dekker, Extension Specialist..... DY \$ 5 500
 2. W. V. Brown, Extension Specialist..... DY 5 100
 3. R. T. Osborne, Extension Specialist..... DY 4 900
 4. _____, Extension Specialist..... DY 4 200
 5. R. L. Johnston, Extension Specialist..... DY 4 700
Total, Salaries..... (24 400)

Expense and Equipment

Expense..... 6 000
 Convention Travel..... 250
Total, Expense and Equipment..... (6 250)
Total, Field Staff..... \$ 30 650

Music Extension

Salaries and Wages
 1. J. P. Painter, Director of Music Extension..... DY } \$ 7 740
 Associate Professor of Music..... AY }
 2. G. R. Waller, Associate Professor of Music..... AY50 3 450
 (See Music)..... A50 (2 820)
 (Total Salary)..... (6 270)
 3. T. S. Richardson, Assistant to the Director of Music Extension and Assistant Professor of Music..... DY 5 600
 4. _____, Instructor..... DY 4 500
 5. Nonacademic Salaries..... 9 270
Total, Salaries..... (30 560)
 Wages..... 500
Total, Salaries and Wages..... (31 060)

Expense and Equipment

Expense..... 6 000
 Convention Travel..... 200
 Equipment..... 2 000
Total, Expense and Equipment..... (8 200)
Total, Music Extension..... \$ 39 260

General**Visual Aids***Salaries and Wages*

1. D. W. Smith, Supervisor of Audio-Visual Aids with rank of Instructor.....	DY	\$ 5 000
2. Nonacademic Salaries.....		2 160
<i>Total, Salaries</i>		(7 160)

Expense and Equipment

Expense.....		7 485
Convention Travel.....		50
Equipment.....		4 000
<i>Total, Expense and Equipment</i>		(11 535)
<i>Total, Visual Aids—General</i>		\$ 18 695

Visual Aids Revolving (Entire budget from receipts)

1. Nonacademic Salaries.....		\$ 14 610
Wages.....		25 000
<i>Total, Salaries and Wages</i>		(39 610)

Expense and Equipment

Expense.....		16 600
Equipment.....		8 000
<i>Total, Expense and Equipment</i>		(24 600)
<i>Total, Visual Aids Revolving</i>		\$ 64 210

Correspondence Courses*Salaries and Wages*

1. N. F. Garvey, Director of Correspondence Courses.....	DY75	\$ 5 000
(See Political Science).....	DY25	(1 100)
(Total Salary).....		(6 100)
2. Nonacademic Salaries.....		16 260
<i>Total, Salaries</i>		(21 260)
Wages.....		200
<i>Total, Salaries and Wages</i>		(21 460)

Expense and Equipment

Expense.....		5 500
Convention Travel.....		50
Equipment.....		750
<i>Total, Expense and Equipment</i>		(6 300)
<i>Total, Correspondence Courses</i>		\$ 27 760

ARMED FORCES**Summary**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Armed Forces.....	\$37 670	\$8 580	\$46 250
Military Clothing and Equipment.....		1 200	1 200
<i>Total, Armed Forces</i>	\$37 670	\$9 780	\$47 450

*Salaries and Wages***Armed Forces****MILITARY SCIENCE AND TACTICS**

1. M. A. Hatch, Professor.....	AY	\$ 900 ¹
Coordinator of Armed Forces.....	DY	
2. O. M. Harvey, Adjutant ROTC.....	DY	600 ¹

NAVAL SCIENCE

3. O. H. Dodson, Professor and Head of Naval Science (Without Salary).....	AY	.....
4. W. N. Flournoy, Associate Professor (Without Salary)...	AY	.....

¹ In addition to compensation from the United States Government.

5. G. R. Bryan, Jr., Assistant Professor (Without Salary)....	GY ²	.....
6. A. T. Ford, Assistant Professor (Without Salary).....	GY ²	.....
7. E. V. Oglesby, Assistant Professor (Without Salary).....	GY ²	.....
8. R. C. Knauf, Assistant Professor (Without Salary).....	GY ²	.....
9. J. H. Littrell, Assistant (Without Salary).....	GY ²	.....
10. J. B. Smith, Assistant (Without Salary).....	GY ²	.....
11. W. J. Peterson, Assistant (Without Salary).....	GY ²	.....
12. Theron Harward, Assistant (Without Salary).....	GY ²	.....
13. J. H. Newman, Assistant (Without Salary).....	GY ²	.....
14. W. O. Weathers, Assistant (Without Salary).....	GY ²	.....
15. G. L. Harter, Assistant (Without Salary).....	GY ²	.....

AIR FORCE SCIENCE

16. F. W. Dooley, Professor (Without Salary).....	AY	.....
17. J. W. Van Sickle, Adjutant.....	DY	500 ¹
18. Nonacademic Salaries.....		32 670
<i>Total, Salaries</i>		(34 670)
Wages.....		3 000
<i>Total, Salaries and Wages</i>		(37 670)

Expense and Equipment

Expense.....		7 380
Equipment.....		1 200
<i>Total, Expense and Equipment</i>		(8 580)
<i>Total, Armed Forces</i>		\$ 46 250

Military Clothing and Equipment Revolving (Entire budget from receipts)**Expense and Equipment**

Expense.....		\$ 1 200
<i>Total, Military Clothing and Equipment Revolving</i>		\$ 1 200

INSTITUTE OF AVIATION

	Summary	Salaries and Wages	Other Expense	Total
Institute of Aviation.....		\$235 430	\$ 23 250	\$258 680
Airport Revolving.....		22 720	90 000	112 720
Aircraft Replacements.....			15 000	15 000
<i>Total, Institute of Aviation</i>		\$258 150	\$128 250	\$386 400

**United States Government Contract
and Indirect Costs Recovered****Organized Research**

Estimated new projects and renewals.....	\$25 000	\$15 000	\$40 000
<i>Total, Trust Funds</i>	\$25 000	\$15 000	\$40 000

Institute of Aviation**Salaries and Wages**

1. L. A. Bryan, Director.....	BY	\$12 700
Professor of Management.....	AY	
2. E. A. Cushman, Assistant to the Director and Instructor...	DY	7 150
3. N. C. Grimm, Supervising Engineer.....	DY	6 650
4. J. W. Stonecipher, Chief Flight Instructor.....	DY	6 850
5. R. L. Ayers, Flight Instructor.....	DY	5 650
6. E. J. Brunner, Flight Instructor.....	DY	5 550
7. C. H. Tinsley, Flight Instructor.....	DY	5 350
8. Karl Aron, Flight Instructor.....	DY	5 250
9. W. A. Nickels, Flight Instructor.....	DY	5 050
10. _____, Flight Instructor.....	DY	4 800
11. _____, Flight Instructor.....	DY	4 800

¹ In addition to compensation from the United States Government.² Until further notice.

12. _____, Flight Instructor.....	DY	4 800
13. L. B. Applegate, Instructor.....	DY	5 650
14. R. W. Johnson, Instructor.....	DY	5 150
15. Bernice Schrader, Instructor.....	DY	5 150
16. G. A. Moseley, Instructor.....	DY	5 050
17. L. P. Nelson, Instructor.....	DY	4 800
18. _____, Assistant.....	DY	4 200
19. Nonacademic Salaries.....		96 660
<i>Total, Salaries</i>		(201 260)
Wages.....		34 170
<i>Total, Salaries and Wages</i>		(235 430)
<i>Expense and Equipment</i>		
Expense.....		7 000
Convention Travel.....		250
Equipment.....		16 000
<i>Total, Expense and Equipment</i>		(23 250)
<i>Total, Institute of Aviation</i>		\$258 680

Airport Revolving

(Entire budget from receipts)

<i>Salaries and Wages</i>		
1. Nonacademic Salaries.....		\$ 12 150
Wages.....		10 570
<i>Total, Salaries and Wages</i>		(22 720)
<i>Expense and Equipment</i>		
Expense.....		90 000
<i>Total, Airport Revolving</i>		\$112 720

Aircraft Replacements

(Entire budget from receipts)

<i>Expense and Equipment</i>		
Equipment.....		\$ 15 000
<i>Total, Aircraft Replacements</i>		\$ 15 000

INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS*Salaries and Wages*

1. Royden Dangerfield, Director.....	DY60	\$ 6 450
(See Political Science).....	AY40	(4 300)
<i>(Total Salary)</i>		(10 750)
2. Gilbert Y. Steiner, Research Assistant Professor.....	BY	4 900
3. _____, Research Associate.....	DY	7 000
4. N. G. P. Krausz, Research Associate.....	DY50	2 650
(See Agricultural Economics).....	DY50	(2 650)
<i>(Total Salary)</i>		(5 300)
5. Thomas Page, Research Associate.....	DY80	3 500
(See Political Science).....	DY20	(900)
<i>(Total Salary)</i>		(4 400)
6. S. K. Gove, Research Associate.....	DY	4 200
7. 2.00 Part-time Research Assistants.....	E	5 740
8. Nonacademic Salaries.....		4 350
<i>Total, Salaries</i>		(38 790)
Wages.....		1 200
<i>Total, Salaries and Wages</i>		(39 990)
<i>Expense and Equipment</i>		
Expense.....		10 000
Equipment.....		500
Convention Travel.....		200
<i>Total, Expense and Equipment</i>		(10 700)
<i>Total, Institute of Government and Public Affairs</i>		\$ 50 690

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

	Summary	Salaries and Wages	Other Expense	Total
Institute of Labor and Industrial Relations.....	\$163 079	\$24 000		\$187 079
Industrial Relations Revolving.....		350		350
<i>Total, Institute of Labor and Industrial Relations.....</i>	<i>\$163 079</i>	<i>\$24 350</i>		<i>\$187 429</i>

Institute of Labor and Industrial Relations

Salaries and Wages

1. Milton Derber, Professor.....	AY	\$ 8 850
Acting Director (Paid from Item 2).....	DY	(650)
(Total Salary).....		(9 500)
2. W. E. Chalmers, Professor.....	BY60	6 120
(See Economics).....	AY40	(4 080)
(Total Salary).....		(10 200)
(On leave without pay 1951-1952)		
3. P. L. Garman, Professor.....	AY50	4 425
(See University Extension).....	AY50	(4 425)
(Total Salary).....		(8 850)
4. Ross Stagner, Professor.....	A33	2 550
(See Psychology).....	A67	(5 100)
(Total Salary).....		(7 650)
5. L. L. McQuitty, Professor.....	AY28	2 500
(See Psychology).....	AY72	(6 200)
(Total Salary).....		(8 700)
6. W. H. McPherson, Professor.....	AY	8 200
(See Economics)		
7. L. C. Pigage, Associate Professor.....	AY33	2 400
(See University Extension).....	AY33	(2 400)
(See Mechanical Engineering).....	AY34	(2 400)
(Total Salary).....		(7 200)
8. E. C. Wolfe, Associate Professor.....	AY50	3 500
(See University Extension).....	AY50	(3 500)
(Total Salary).....		(7 000)
9. J. F. Humes, Associate Professor.....	AY50	3 350
(See University Extension).....	AY50	(3 350)
(Total Salary).....		(6 700)
10. Frederic Meyers, Associate Professor.....	DY	6 300
11. O. H. Erickson, Assistant Professor.....	BY50	3 000
(See University Extension).....	BY50	(3 000)
(Total Salary).....		(6 000)
12. R. E. McCoy, Research Assistant Professor.....	BY50	3 075
(See Library).....	BY50	(3 075)
(Total Salary).....		(6 150)
13. H. L. Gammill, Assistant Professor.....	BY50	3 000
(See University Extension).....	BY50	(3 000)
(Total Salary).....		(6 000)
14. J. M. Edelman, Assistant Professor.....	BY80 ¹	4 700
(See Political Science).....	BY20	(1 150)
(Total Salary).....		(5 850)
15. J. M. Brumm, Assistant Professor.....	BY50	2 850
(See University Extension).....	BY50	(2 850)
(Total Salary).....		(5 700)
16. D. E. Wray, Assistant Professor.....	BY60 ²	3 390
(See Sociology and Anthropology).....	BY40	(2 260)
(Total Salary).....		(5 650)
17. M. A. Horowitz, Research Assistant Professor.....	BY	5 590

¹ Includes three-fourths time in Institute during academic year and full time in summer.² Includes one-half time in Institute during academic year and full time in summer.

18. Mrs. Margaret K. Chandler, Research Assistant Professor	BY80 ¹	4 440
(See Sociology and Anthropology).....	BY20	(1 110)
(Total Salary).....		(5 550)
19. _____, Assistant Professor.....	BY50	2 550
(See University Extension).....	BY50	(2 550)
(Total Salary).....		(5 100)
20. S. B. Levine, Assistant Professor.....	BY	4 900
21. R. C. Wilcock, Assistant Professor.....	DY	4 900
22. Thelma B. Fox, Research Associate and Instructor.....	DY	4 840
23. Ruth A. Hudson, Research Associate.....	DY80 ¹	3 600
(See Sociology and Anthropology).....	DY20	(900)
(Total Salary).....		(4 500)
24. Walter Polner, Instructor.....	DY50	2 150
(See University Extension).....	DY50	(2 150)
(Total Salary).....		(4 300)
25. _____, Research Associate.....	DY	3 700
26. Leona D'Acquisto, Research Assistant.....	DY	3 250
27. 5.25 Part-time Research Assistants.....	E	13 300
28. 3.00 Part-time Research Assistants.....	G	1 750
(Two summer months only)		
29. Nonacademic Salaries.....		35 970
<i>Total, Salaries</i>		(159 150)
Wages.....		3 929
<i>Total, Salaries and Wages</i>		(163 079)
<i>Expense and Equipment</i>		
Expense.....		20 000
Convention Travel.....		1 000
Equipment.....		3 000
<i>Total, Expense and Equipment</i>		(24 000)
<i>Total, Institute of Labor and Industrial Relations</i>		\$187 079

Industrial Relations Revolving

<i>Expense and Equipment</i> (Entire budget from receipts)	
Expense.....	\$ 350
<i>Total, Industrial Relations Revolving</i>	\$ 350

SMALL HOMES COUNCIL

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Small Homes Council.....	\$47 290	\$ 8 600	\$55 890
Small Homes Council Publications Revolving.....	13 780	20 500	34 280
<i>Total, Small Homes Council</i>	\$61 070	\$29 100	\$90 170

Expendable Gift Funds

Organized Research			
Estimated new projects and renewals.....	\$8 500	\$2 500	\$11 000

United States Government Contracts
and Indirect Costs Recovered

Organized Research			
Estimated new projects and renewals.....	45 000	15 000	60 000
<i>Total, Trust Funds</i>	\$53 500	\$17 500	\$71 000

Small Homes Council

<i>Salaries and Wages</i>		
1. J. T. Lendrum, Director.....	DY	\$ 9 000
Professor of Architecture.....	AY	
2. R. A. Jones, Associate Professor of Architecture.....	AY	7 790

¹ Includes three-fourths time in Institute during academic year and full time in summer.

3. W. H. Kapple, Research Assistant Professor of Architecture	DY	6 360
4. Maxine H. Kennedy, Editor, with rank of Assistant Professor	DY ₅₀	2 700
(See Small Homes Council Publications Revolving) ...	DY ₅₀	(2 700)
(Total Salary)		(5 400)
5. R. H. Harrell, Research Associate	DY	4 500
6. Nonacademic Salaries		14 940
Total, Salaries		(45 290)
Wages		2 000
Total, Salaries and Wages		(47 290)
<i>Expense and Equipment</i>		
Expense		7 000
Convention Travel		300
Equipment		1 300
Total, Expense and Equipment		(8 600)
Total, Small Homes Council		\$ 55 890

Salaries and Wages Cooperative Investigations

TRUST U. S. H-42 SPACE DESIGN

1. B. E. Munson, Research Associate in Sociology	DY ₅₀	\$ 2 202
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Small Homes Council Publications Revolving

(Entire budget from receipts)

<i>Salaries and Wages</i>		
1. Maxine H. Kennedy (See Small Homes Council, Item 4) ...	DY ₅₀	\$ 2 700
2. Nonacademic Salaries		9 180
Total, Salaries		(11 880)
Wages		1 900
Total, Salaries and Wages		(13 780)
<i>Expense and Equipment</i>		
Expense		20 500
Total, Small Homes Council Publications Revolving		\$ 34 280

SCHOOL OF SOCIAL WORK

<i>Salaries and Wages</i>		
1. Marietta Stevenson, Director	BY } AY }	\$ 10 350
Professor		
2. W. P. Simon, Associate Professor	A	7 260
3. Edith L. Nagel, Associate Professor	AY	6 750
4. Florence L. Poole, Associate Professor	A	6 450
5. Roland Artigues, Associate Professor	B	6 000
6. _____, Associate Professor	D	6 000
7. Rachel B. Marks, Associate Professor	A	5 600
8. J. E. McDonald, Assistant Professor	B	5 600
9. D. Katharine Rogers, Assistant Professor	B	5 375
10. H. B. Hollenbeck, Assistant Professor	B	4 950
11. Marjorie W. Main, Assistant Professor	B	4 550
12. Mrs. Mary C. Reese, Instructor	D	4 200
13. Three Lecturers	G	2 500
14. .25 Part-time Assistants	E	600
15. Nonacademic Salaries		6 750
Total, Salaries		(82 935)
Wages		460
Total, Salaries and Wages		(83 395)
<i>Expense and Equipment</i>		
Expense		3 500
Field Work Supervision		6 000
Convention Travel		500
Equipment		400
Total, Expense and Equipment		(10 400)
Total, School of Social Work		\$ 93 795

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Division of Special Services for War Veterans			
Administration.....	\$32 720	\$4 685	\$37 405
Nursery School.....	45 810	2 800	48 610
<i>Total, Division of Special Services for War Veterans.....</i>	<i>\$78 530</i>	<i>\$7 485</i>	<i>\$86 015</i>

Division of Special Services for War Veterans

Salaries and Wages

1. F. A. Bridgewater, Acting Director.....	DY	\$ 6 500
2. E. T. Sanford, Assistant Director.....	DY	5 500
3. W. M. Tonkin, Counselor.....	DY75	2 500
4. Nonacademic Salaries.....		14 220
<i>Total, Salaries.....</i>		<i>(28 720)</i>

Wages.....		4 000
<i>Total, Salaries and Wages.....</i>		<i>(32 720)</i>

Expense and Equipment

Expense.....		3 800
Convention Travel.....		100
Equipment.....		785
<i>Total, Expense and Equipment.....</i>		<i>(4 685)</i>
<i>Total, Division of Special Services for War Veterans...</i>		<i>\$ 37 405</i>

Nursery School

1. Mrs. Janet S. Blakeslee, Director.....	DY	\$ 6 650
Associate Professor of Psychology.....	AY	
2. Theresa J. Peterson, Instructor.....	D	4 200
3. Ruth Clore, Instructor.....	D	3 660
4. Sara L. Hagenson, Instructor.....	D	3 550
5. _____, Instructor.....	D	3 400
6. Betty J. Ashworth, Instructor.....	D	3 520
7. Edith A. Matthews, Assistant Teacher.....	D	3 000
8. Dorothy E. L. Cole, Assistant Teacher.....	D	3 000
9. Beverly J. Pierce, Assistant Teacher.....	D	3 000
10. Carol E. Foster, Assistant Teacher.....	D	3 000
11. Marion E. Compton, Nurse.....	DY	3 750
12. Nonacademic Salaries.....		2 280
<i>Total, Salaries.....</i>		<i>(43 010)</i>
Wages.....		2 800
<i>Total, Salaries and Wages.....</i>		<i>(45 810)</i>

Expense and Equipment

Expense.....		1 450
Convention Travel.....		100
Equipment.....		1 250
<i>Total, Expense and Equipment.....</i>		<i>(2 800)</i>
<i>Total, Nursery School.....</i>		<i>\$ 48 610</i>

LIBRARY

Administration

1. R. B. Downs, Director of the University Library and the Library School.....	BY	\$ 12 900
Professor of Library Science.....	AY	
2. P. L. Windsor, Director of the University Library and the Library School and Professor of Library Science, <i>Emeritus</i> (From Retiring Allowances).....		(3 380)
3. A. H. Trotter, Associate Director for Technical Depart- ments.....	BY	8 850
Professor of Library Science.....	AY	

4. L. W. Dunlap, Associate Director for Public Service Departments	BY	
Professor of Library Science	AY	8 500
5. Josie B. Houchens, Assistant University Librarian for Personnel and Associate Professor of Library Science, <i>Emerita</i>		.....
(Retiring allowance payable by Retirement System)		
6. Mary Lois Bull, Assistant University Librarian for Personnel, with the rank of Associate Professor	BY	6 300
7. R. L. Talmadge, Library Administrative Assistant, with rank of Assistant Professor	BY	5 700
8. Nonacademic Salaries		17 430
<i>Total, Salaries</i>		(59 680)
Wages		2 600
<i>Total, Administration</i>		(62 280)

ACQUISITIONS

Technical

9. G. B. Brown, Acquisition Librarian and Associate Professor of Library Science	AY	(6 670)
(On leave without pay for military service)		
10. Willia K. Garver, Assistant University Librarian for Acquisitions and Associate Professor of Library Science, <i>Emerita</i>		.....
(Retiring allowance payable by Retirement System)		
11. Helen M. Welch, Acting Acquisition Librarian, with rank of Assistant Professor	BY	5 810
12. Alice J. Appell, Acting Assistant Acquisition Librarian, with rank of Instructor	DY	4 650

PURCHASE DIVISION

13. Alma DeJordy, Consultant in Bibliography, with rank of Assistant Professor	BY	4 880
14. Anne Marinelli, Bibliographer, with rank of Instructor	DY	4 300
15. J. B. Runey, Bibliographer, with rank of Instructor	DY	4 300
16. Evelyn M. Rogier, Bibliographer, with rank of Instructor	DY	4 100
17. Elizabeth P. Knowles, Bibliographer, with rank of Instructor	DY	3 940
18. Ruby V. Martz, Acquisition Assistant	DY	3 580
19. Elizabeth D. Kessler, Acquisition Assistant	DY	3 400
20. Mrs. Hollis P. Anderson, Acquisition Assistant	DY	3 240
21. Patricia J. Sullivan, Acquisition Assistant	DY	3 225
22. ———, Acquisition Assistant	DY	3 000

GIFT AND EXCHANGE DIVISION

23. Kathleen M. Ruckman, Gift and Exchange Librarian, with rank of Instructor	DY	4 700
24. Maurine Collins, Exchange Reviser, with rank of Instructor	DY	4 400
25. E. G. Linkhart, Exchange Assistant, with rank of Instructor	DY	3 960
26. ———, Document Assistant, with rank of Instructor	DY	3 660
27. Mary Roberts, Exchange Assistant	DY	3 770
28. Mrs. Lily C. Gara, Exchange Assistant	DY	3 400
29. H. L. Fisher, Exchange Assistant	DY	3 100

PERIODICAL DIVISION

30. Mrs. Lucy K. Rumble, Periodical Librarian, with rank of Instructor	DY	4 700
31. Maxine Grubb, Periodical Assistant	DY	3 700
32. Merribeth Cook, Periodical Assistant	DY	3 300
33. 1.50 Part-time Assistants	DY	4 500
34. Nonacademic Salaries		39 825
<i>Total, Salaries, Acquisitions</i>		(131 440)

BINDING

35. Mrs. Avis A. Ball, Binding Librarian, with rank of Instructor.....	DY	4 700
36. Margaret J. Lokke, Assistant Binding Librarian, with rank of Instructor.....	DY	4 380
37. Janet G. Donaldson, Binding Assistant.....	DY	3 300
38. Nonacademic Salaries.....		11 220
<i>Total, Salaries, Binding</i>		(23 600)

CATALOG

39. Marian Harman, Acting Catalog Librarian and Assistant Professor of Library Science.....	BY	5 800
40. Eleanor M. Robertson, Assistant Catalog Librarian, with rank of Assistant Professor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
41. Rebecca Briggs, Acting Assistant Catalog Librarian, with rank of Assistant Professor.....	BY	5 000
42. Esther W. Anell, Bibliographer and Serials Consultant, with rank of Assistant Professor.....	BY	5 280
43. Cleo Lichtenberger, Catalog Reviser, with rank of Assistant Professor.....	BY	5 280
44. C. U. Faye, Bibliographic Consultant and Cataloger, with rank of Assistant Professor.....	BY	5 280
45. Mrs. Katherine M. Wheeler, Catalog Reviser, with rank of Assistant Professor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
46. Louise F. Lodge, Catalog Reviser, with rank of Assistant Professor.....	BY	4 880
47. Mrs. Floweree Brown, Cataloger, with rank of Instructor..	DY	4 420
48. _____, Cataloger, with rank of Instructor.....	DY	4 380
49. Georgia Coffin, Cataloger, with rank of Instructor.....	DY	4 300
50. Edith C. Jones, Cataloger, with rank of Instructor.....	DY ⁵⁰	2 150
(See Departmental Libraries).....	DY ⁵⁰	(2 150)
(Total Salary).....		(4 300)
51. Clarissa O. Lewis, Cataloger, with rank of Instructor.....	DY	4 300
52. May Smith, Serial Cataloger, with rank of Instructor...	DY	4 200
53. Edith M. Marshall, Cataloger, with rank of Instructor...	DY	4 200
54. Mrs. Janet B. Munnis, Cataloger, with rank of Instructor..	DY	4 200
55. Mrs. Lellia S. McLaughlin, Card Division Librarian, with rank of Instructor.....	DY	4 200
56. Irma L. Swank, Serial Cataloger, with rank of Instructor..	DY	4 200
57. Alice M. Cooper, Serial Cataloger, with rank of Instructor	DY	4 200
58. Mrs. Jean A. Stockdale, Serial Reviser, with rank of Instructor.....	DY	4 080
59. R. K. Johnson, Cataloger, with rank of Instructor.....	DY	4 020
60. Ann M. Potter, Cataloger, with rank of Instructor.....	DY	4 000
61. Ruth M. Protzman, Serial Cataloger, with rank of Instructor.....	DY	3 860
62. Lorene Pouncey, Cataloger, with rank of Instructor.....	DY	3 860
63. Kathryn L. Luther, Serial Cataloger, with rank of Instructor.....	DY	3 780
64. Emily M. Richards, Catalog Assistant.....	DY	3 540
65. Mrs. Deane W. Hill, Catalog Assistant.....	DY	3 540
66. Mrs. Annette M. Taylor, Catalog Assistant.....	DY	3 300
67. Anna R. Roorda, Catalog Assistant.....	DY	3 225
68. Meta M. Sexton, Cataloger, with rank of Instructor, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
69. _____, Catalog Assistant.....	DY	3 225
70. Christine Stanfield, Catalog Assistant.....	DY	3 225
71. 2.00 Part-time Assistants.....	DY	6 000
72. Nonacademic Salaries.....		46 095
<i>Total, Salaries, Catalog</i>		(172 020)

PHOTOGRAPHIC REPRODUCTION LABORATORY

73. .50 Part-time Assistants	DY	1 500
74. Nonacademic Salaries		4 190
<i>Total, Salaries, Photographic Reproduction Laboratory.</i> ..		(5 690)
<i>Total, Salaries, Technical.</i>		(332 750)
Wages: Acquisitions \$4,200; Binding \$5,450; Catalog \$6,930;		
Photographic Reproduction Laboratory \$420.		17 000
<i>Total, Salaries and Wages, Technical.</i>		(349 750)

CIRCULATION

Public Service

75. W. S. Yenawine, Circulation Librarian and Instructor in Library Science	DY	6 600
76. Emma R. Jutton, Circulation Librarian and Associate in Library Science, <i>Emerita</i> .....		.....
(Retiring allowance payable by Retirement System)		
77. Helen T. Stewart, Assistant Circulation Librarian, with rank of Instructor	DY	5 000
78. E. A. Holtman, Bookstacks Librarian, with rank of Instructor	DY	4 800
79. Cecelia McCarthy, Extension Loans Librarian, with rank of Instructor	DY	4 200
80. _____, Circulation Assistant	DY	3 800
81. _____, Circulation Assistant	DY	3 500
82. Leonard Coburn, Circulation Assistant	DY	3 225
83. _____, Circulation Assistant	DY	3 300
84. R. W. Kidder, Circulation Assistant, with rank of Instructor	DY ⁵⁰	1 650
85. 1.00 Part-time Assistants	DY	2 750
86. Nonacademic Salaries		19 665
<i>Total, Salaries, Circulation.</i>		(58 490)

DEPARTMENTAL LIBRARIES

87. D. A. Brown, Agriculture Librarian and Assistant Professor of Library Science	BY	5 500
88. Mrs. Winifred M. Alleman, Agriculture Library Assistant ..	DY	3 540
89. Cerilla E. Saylor, Architecture Librarian and Assistant Professor of Library Science	BY	5 600
90. Helen M. Reynolds, Architecture Library Assistant, with rank of Instructor	DY	4 500
91. Mrs. Mary A. Vance, Architecture Library Assistant, with rank of Instructor	DY	4 200
92. Marguerite S. Kaufman, Architecture Library Assistant ..	DY	3 450
93. Sylvia C. Gilmore, Browsing Room Librarian, with rank of Instructor	DY	3 960
94. Ruth T. Power, Chemistry Librarian, with rank of Assistant Professor	BY	5 500
95. Edith C. Jones, Classics Librarian, with rank of Instructor (See Catalog Department)	DY ⁵⁰	2 150
(Total Salary)	DY ⁵⁰	(2 150)
96. Fina C. Ott, Commerce and Sociology Librarian, with rank of Instructor	DY	4 500
97. Katharine B. Paton, Commerce and Sociology Library Assistant	DY	3 300
98. Alice M. Martin, Acting Education, Philosophy, and Psychology Librarian, with rank of Instructor	DY	4 200
99. Ida F. Tod, Education, Philosophy, and Psychology Librarian, <i>Emerita</i> .....		.....
(Retiring allowance payable by Retirement System)		
100. Ruth L. Schaefer, Education, Philosophy, and Psychology Library Assistant	DY	3 500
101. Hilda J. Alseth, Engineering Librarian and Assistant Professor of Library Science	BY	5 600

102. Mary E. Winchester, Engineering Library Assistant.....	DY	3 600
103. Eva F. Benton, English Librarian, with rank of Instructor	DY	4 290
104. Florence M. Harding, Germanic and Romance Languages Librarian, with rank of Instructor.....	DY	4 400
105. Nelle M. Signor, History and Political Science Librarian and Assistant Professor of Library Science.....	BY	5 000
106. Virginia A. Berg, Journalism Librarian, with rank of Instructor.....	DY	4 200
107. R. E. McCoy, Reference Librarian, Institute of Labor and Industrial Relations, with rank of Assistant Professor (See Institute of Labor and Industrial Relations).....	BY ₅₀ BY ₅₀	3 075 (3 075) (6 150)
108. Mrs. Bernita J. Davies, Law Librarian and Assistant Professor of Library Science.....	BY	5 600
109. A. Elizabeth Holt, Law Library Assistant.....	DY	3 850
110. Donna D. Finger, Library School Librarian and Instructor in Library Science.....	DY	4 650
111. Mrs. Thelma C. Bird, Library School Library Assistant..	DY	3 300
112. B. M. Woods, Map Librarian and Instructor in Library Science.....	DY	3 850
113. E. S. Warrick, Mathematics Librarian, with rank of Instructor.....	DY	4 050
114. Joseph Allen, Music Librarian and Assistant Professor of Library Science.....	BY	5 580
115. Mary Lou Little, Music Library Assistant.....	DY	3 400
116. L. E. Bamber, Natural History Librarian and Associate Professor of Library Science.....	AY	6 800
117. ———, Natural History Library Assistant, with rank of Instructor.....	DY	4 100
118. Icko Iben, Newspaper Librarian and Archivist, with rank of Assistant Professor.....	BY	4 920
119. Mrs. Theo Nelson, Physical Education Librarian, with rank of Instructor.....	DY	4 150
120. Isabelle F. Grant, Rare Book Room Librarian, with rank of Assistant Professor.....	BY	5 000
121. T. E. Ratcliffe, Librarian, Undergraduate Library, with rank of Instructor.....	DY	4 800
122. Eleanor Blum, Reference Librarian, Undergraduate Library, with rank of Instructor.....	DY	4 300
123. Mrs. Madeline S. Riffey, Reference Librarian, Undergraduate Library, with rank of Instructor.....	DY	3 950
124. Mrs. Ruth H. Rockwood, Illini Union Browsing Room Librarian, with rank of Instructor.....	DY	4 100
125. ———, University High School Librarian and Assistant Professor of Library Science.....	DY	5 500
126. ———, Veterinary Medicine Librarian, with rank of Instructor.....	DY	4 000
127. 3.00 Part-time Assistants.....	DY	10 000
128. Nonacademic Salaries.....		44 760
<i>Total, Salaries, Departmental Libraries.....</i>		<i>(224 725)</i>

REFERENCE

129. Alice S. Johnson, Reference Librarian and Assistant Professor of Library Science.....	BY	6 100
130. Fanny Dunlap, Reference Librarian and Assistant Professor of Library Science, <i>Emerita</i>.....		.....
(Retiring allowance payable by Retirement System)		
131. ———, Reference Librarian and Assistant Professor of Library Science.....	DY	5 000
132. Dorothy M. Black, Associate Reference Librarian, with rank of Assistant Professor.....	BY	5 500
133. Barbara Bitting, Assistant Reference Librarian, with rank of Instructor.....	DY	4 500

134. Ida F. Robertson, Assistant Reference Librarian, with rank of Instructor	DY	4 400
135. Martha L. Hackman, Assistant Reference Librarian, with rank of Instructor	DY	4 085
136. Mrs. Beulah N. Olinger, Reference Assistant	DY	3 850
137. .50 Part-time Assistants	DY ₅₀	1 650
<i>Total, Salaries, Reference</i>		(35 085)
<i>Total, Salaries, Public Service Departments</i>		(318 300)
Wages: Circulation \$21,700; Departmental Libraries \$54,000; Reference \$1,300		77 000
<i>Total, Public Service Departments</i>		(395 300)
<i>Total, Salaries, Urbana Libraries</i>		(710 730)
<i>Total, Wages, Urbana Libraries</i>		(96 600)
<i>Total, Salaries and Wages, Urbana Libraries</i>		(807 330)
<i>Expense and Equipment</i>		
Expense		34 000
Convention Travel		2 500
Equipment		8 410
Library Additions, Law		22 000
Library Additions, General		267 000
<i>Total, Expense and Equipment</i>		(333 910)
<i>Total, Urbana Libraries</i>		\$1 141 240

Libraries

Expendable Gift and Endowment Funds	Salaries and Wages	Other Expense	Total
Estimated new projects and renewals	\$250	\$50	\$300
<i>Total, Trust Funds</i>	\$250	\$50	\$300

PHYSICAL PLANT

	Summary Salaries and Wages	Other Expense	Total
<i>Operation and Maintenance</i>			
Administration	\$118 648	\$16 500	\$135 148
<i>Operation</i>			
Building Operation	743 954	71 346	815 300
Fire Prevention and Safety	90 818	8 481	99 299
Police and Watchmen	98 215	5 611	103 826
<i>Total, Operation</i>	(932 987)	(85 438)	(1 018 425)
<i>Maintenance</i>			
Building Maintenance	402 195	230 720	632 915
General Maintenance	165 160	37 242	202 402
Grounds	120 163	27 251	147 414
Trucks and Cars	93 917	25 205	119 122
<i>Total, Maintenance</i>	(781 435)	(320 418)	(1 101 853)
<i>Utilities</i>			
Heat, Light, and Power	411 241	278 032	689 273
Water Station	22 485	40 955	63 440
<i>Total, Utilities</i>	(433 726)	(318 987)	(752 713)
<i>Total, Operation and Maintenance</i>	(2 266 796)	(741 343)	(3 008 139)
<i>Special Items</i>			
Reservations and Information	11 220	850	12 070
Illini Union Building ¹		109 750	109 750
Prevailing Wage Rate Increases	320 000		320 000
Minor Improvements		16 500	16 500
<i>Total, Special Items</i>	(331 220)	(127 100)	(458 320)
<i>Total, Physical Plant</i>	(2 598 016)	(868 443)	(3 466 459)

¹ Included also in estimated expenditures for Illini Union Building.

<i>Auxiliary Enterprises</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Illini Union Building (Trust)			
General Building.....	195 926	202 086	398 012
Food Service.....	153 410	276 916	430 326
Coffee House.....	32 570	91 640	124 210
Bowling Alleys.....	14 290	9 112	23 402
Billiards.....	4 700	1 547	6 247
University Club.....	10 404	18 156	28 560
Bookstore.....	36 210	354 569	390 779
<i>Total, Illini Union</i>	(447 510)	(954 026)	(1 401 536)
Housing Division (Trust)			
Administration ¹	(54 350)	(11 994)	(66 344)
Men's Residence Halls.....	131 683	254 051	385 734
Lincoln Avenue Residences.....	160 255	247 926	408 181
Student and Staff Apartments.....	21 535	141 093	162 628
Staff Housing.....		121 027	121 027
Residence Halls Canteens.....	25 131	96 082	121 213
<i>Total, Housing Division (Trust)</i>	(338 604)	(860 179)	(1 198 783)
Housing Division (General)			
Busey-Evans Halls.....	128 702	162 281	290 983
Parade Ground Dormitories.....	69 947	61 056	131 003
Co-op Houses.....	2 430	19 452	21 882
Temporary Family Housing.....	32 391	301 108	333 499
<i>Total, Housing Division (General)</i>	(233 470)	(543 897)	(777 367)
<i>Total, Housing Division</i>	(572 074)	(1 404 076)	(1 976 150)
<i>Total, Auxiliary Enterprises</i>	(1 019 584)	(2 358 102)	(3 377 686)
<i>Total, Physical Plant</i>	\$3 617 600	\$3 226 545	\$6 844 145

Expendable Endowment Funds

Estimated new projects and renewals.....	\$200	\$200
<i>Total, Trust Funds</i>	\$200	\$200

Administration

<i>Salaries and Wages</i>		
1. C. S. Havens, Director of Physical Plant Department....	DY	\$ 11 800
2. John Doak, Superintendent of Buildings and Grounds....	DY	10 230
3. E. L. Stouffer, Architect.....	DY	10 230
4. Nonacademic Salaries.....		79 920
<i>Total, Salaries</i>		(112 180)
<i>Wages</i>		6 468
<i>Total, Salaries and Wages</i>		(118 648)
<i>Expense and Equipment</i>		
Expense.....		15 000
Convention Travel.....		500
Renewals and Replacements.....		1 000
<i>Total, Expense and Equipment</i>		(16 500)
<i>Total, Administration</i>		\$135 148

Building Operation

<i>Salaries and Wages</i>		
1. Nonacademic Salaries.....		\$ 13 440
<i>Wages</i>		730 514
<i>Total, Salaries and Wages</i>		(743 954)
<i>Expense and Equipment</i>		
Expense.....		70 386
Renewals and Replacements.....		960
<i>Total, Expense and Equipment</i>		(71 346)
<i>Total, Building Operation</i>		\$815 300

¹ Portion distributed to each of the operating units and included in their budget.

<i>Salaries and Wages</i>		Fire Prevention and Safety	
I. Nonacademic Salaries.....		\$ 5 100	
Wages.....		85 718	
<i>Total, Salaries and Wages.....</i>		(90 818)	
<i>Expense and Equipment</i>			
Expense.....		7 056	
Renewals and Replacements.....		1 425	
<i>Total, Expense and Equipment.....</i>		(8 481)	
<i>Total, Fire Prevention and Safety.....</i>		\$ 99 299	
<i>Salaries and Wages</i>		Police and Watchmen	
I. Nonacademic Salaries.....		\$ 4 800	
Wages.....		93 415	
<i>Total, Salaries and Wages.....</i>		(98 215)	
<i>Expense and Equipment</i>			
Expense.....		5 611	
<i>Total, Police and Watchmen.....</i>		\$103 826	
<i>Salaries and Wages</i>		Building Maintenance	
I. Nonacademic Salaries.....		\$ 20 280	
Wages.....		381 915	
<i>Total, Salaries and Wages.....</i>		(402 195)	
<i>Expense and Equipment</i>			
Expense.....		86 500	
Renewals and Replacements.....		144 220	
<i>Total, Expense and Equipment.....</i>		(230 720)	
<i>Total, Building Maintenance.....</i>		\$632 915	
<i>Salaries and Wages</i>		General Maintenance	
I. Nonacademic Salaries.....		\$ 15 960	
Wages.....		149 200	
<i>Total, Salaries and Wages.....</i>		(165 160)	
<i>Expense and Equipment</i>			
Expense.....		29 242	
Renewals and Replacements.....		8 000	
<i>Total, Expense and Equipment.....</i>		(37 242)	
<i>Total, General Maintenance.....</i>		\$202 402	
<i>Salaries and Wages</i>		Grounds	
I. Nonacademic Salaries.....		\$ 8 490	
Wages.....		111 673	
<i>Total, Salaries and Wages.....</i>		(120 163)	
<i>Expense and Equipment</i>			
Expense.....		9 251	
Renewals and Replacements.....		18 000	
<i>Total, Expense and Equipment.....</i>		(27 251)	
<i>Total, Grounds.....</i>		\$147 414	
<i>Salaries and Wages</i>		Trucks and Cars	
I. Nonacademic Salaries.....		\$ 2 940	
Wages.....		90 977	
<i>Total, Salaries and Wages.....</i>		(93 917)	
<i>Expense and Equipment</i>			
Expense.....		3 005	
Renewals and Replacements.....		22 200	
<i>Total, Expense and Equipment.....</i>		(25 205)	
<i>Total, Trucks and Cars.....</i>		\$119 122	

Heat, Light, and Power

<i>Salaries and Wages</i>	
1. Nonacademic Salaries.....	\$ 25 470
Wages.....	385 771
<i>Total, Salaries and Wages</i>	(411 241)
<i>Expense and Equipment</i>	
Expense.....	258 082
Renewals and Replacements.....	19 950
<i>Total, Expense and Equipment</i>	(278 032)
<i>Total, Heat, Light, and Power</i>	\$689 273

Water Station

<i>Salaries and Wages</i>	
1. Nonacademic Salaries.....	\$ 4 650
Wages.....	17 835
<i>Total, Salaries and Wages</i>	(22 485)
<i>Expense and Equipment</i>	
Expense.....	39 255
Renewals and Replacements.....	1 700
<i>Total, Expense and Equipment</i>	(40 955)
<i>Total, Water Station</i>	\$ 63 440

Special Items

<i>Reservations and Information</i>	
<i>Salaries and Wages</i>	
1. Nonacademic Salaries.....	\$ 9 210
Wages.....	2 010
<i>Total, Salaries and Wages</i>	(11 220)
<i>Expense and Equipment</i>	
Expense.....	850
<i>Total, Reservations and Information</i>	\$ 12 070

Illini Union Building

<i>Expense and Equipment</i>	
Operation—Exemptions from Student Building Service Charge (Graduate and Undergraduate Students).....	\$ 8 550
Rental from University functions.....	5 000
Rental for Space Occupied by University Offices.....	1 200
Building Service Charge of \$17.50 for all Faculty and Staff Members.....	87 500
University Telephone Service.....	7 500
<i>Total, Illini Union Building</i>	\$109 750

Minor Improvements

<i>Expense and Equipment</i>	
Unassigned.....	\$ 16 500

Prevailing Wage Rate Increases

<i>Salaries and Wages</i>	
Unassigned.....	\$320 000

Auxiliary Enterprises**Illini Union — General Building**

<i>Salaries and Wages</i>	
1. V. L. Kretschmer, Director of Illini Union.....	DY \$ 8 900
2. Irene D. Pierson, Social Director.....	DY 5 760 ^M
3. Nonacademic Salaries.....	67 050
<i>Total, Salaries</i>	(81 710)
Wages.....	114 216
<i>Total, Salaries and Wages</i>	(195 926)

Expense and Equipment

General Departmental Expense	149 932
Convention Travel	200
Debt Service	51 954
<i>Total, Expense and Equipment</i>	(202 086)
<i>Total, Illini Union—General Building</i>	\$398 012

Illini Union — Food Service*Salaries and Wages*

1. Nonacademic Salaries	\$ 35 894
Wages	117 516
<i>Total, Salaries and Wages</i>	(153 410)

Expense and Equipment

Expense	276 916
<i>Total, Illini Union—Food Service</i>	\$430 326

Illini Union — Bookstore*Salaries and Wages*

1. Nonacademic Salaries	\$ 19 392
Wages	16 818
<i>Total, Salaries and Wages</i>	(36 210)

Expense and Equipment

Expense	354 569
<i>Total, Illini Union—Bookstore</i>	\$390 779

Illini Union — Coffee House*Salaries and Wages*

1. Nonacademic Salaries	\$ 3 630
Wages	28 940
<i>Total, Salaries and Wages</i>	(32 570)

Expense and Equipment

Expense	91 640
<i>Total, Illini Union—Coffee House</i>	\$124 210

Illini Union — Bowling Alley*Salaries and Wages*

1. Nonacademic Salaries	\$ 4 740
Wages	9 550
<i>Total, Salaries and Wages</i>	(14 290)

Expense and Equipment

Expense	9 112
<i>Total, Illini Union—Bowling Alley</i>	\$ 23 402

Illini Union — Billiards*Salaries and Wages*

1. Nonacademic Salaries	\$ 2 550
Wages	2 150
<i>Total, Salaries and Wages</i>	(4 700)

Expense and Equipment

Expense	1 547
<i>Total, Illini Union—Billiards</i>	\$ 6 247

Illini Union — University Club*Salaries and Wages*

1. Nonacademic Salaries	\$ 2 460
Wages	7 944
<i>Total, Salaries and Wages</i>	(10 404)

Expense and Equipment

Expense	18 156
<i>Total, Illini Union—University Club</i>	\$ 28 560

Housing Division — Administration (Distributed to the operating units and included in their budgets)

<i>Salaries and Wages</i>		
1. S. E. Thompson, Director of the Housing Division.....	DY50	\$ 4 450
(See Dean of Students, Housing Division).....	DY50	(4 450)
(Total Salary).....		(8 900)
2. Nonacademic Salaries.....		44 394
<i>Total, Salaries</i>		(48 844)
Wages.....		5 506
<i>Total, Salaries and Wages</i>		(54 350)
<i>Expense and Equipment</i>		
Expense.....		11 194
Convention Travel.....		100
Equipment.....		700
<i>Total, Expense and Equipment</i>		(11 994)
<i>Total, Housing Division—Administration</i>		\$ 66 344

Housing Division — Men's Residence Halls

<i>Salaries and Wages</i>		
1. _____, Manager of Residence Halls.....	DY31	\$ 1 800
(See Busey-Evans Halls).....	DY26	(1 800)
(See Lincoln Avenue Residence).....	DY34	(2 000)
(See Parade Ground Units).....	DY9	(500)
(Total Salary).....		(5 800)
2. Nonacademic Salaries.....		23 354
<i>Total, Salaries</i>		(25 154)
Wages.....		106 529
<i>Total, Salaries and Wages</i>		(131 683)
<i>Expense and Equipment</i>		
Expense.....		254 051
<i>Total, Housing Division—Men's Residence Halls</i>		\$385 734

Housing Division — Busey-Evans Halls

<i>Salaries and Wages</i>		
1. _____, Manager of Residence Halls.....	DY26	\$ 1 500
(See Men's Residence Halls).....	DY31	(1 800)
(See Lincoln Avenue Residence).....	DY34	(2 000)
(See Parade Ground Units).....	DY9	(500)
(Total Salary).....		(5 800)
2. Nonacademic Salaries.....		20 489
<i>Total, Salaries</i>		(21 989)
Wages.....		106 713
<i>Total, Salaries and Wages</i>		(128 702)
<i>Expense and Equipment</i>		
Expense.....		162 281
<i>Total, Housing Division—Busey-Evans Halls</i>		\$290 983

Housing Division — Lincoln Avenue Residence

<i>Salaries and Wages</i>		
1. _____, Manager of Residence Halls.....	DY34	\$ 2 000
(See Men's Residence Halls).....	DY31	(1 800)
(See Busey-Evans Halls).....	DY26	(1 500)
(See Parade Ground Units).....	DY9	(500)
(Total Salary).....		(5 800)
2. Nonacademic Salaries.....		22 379
<i>Total, Salaries</i>		(24 379)
Wages.....		135 876
<i>Total, Salaries and Wages</i>		(160 255)
<i>Expense and Equipment</i>		
Expense.....		247 926
<i>Total, Housing Division—Lincoln Avenue Residence</i>		\$408 181

Housing Division — Parade Ground Dormitories*Salaries and Wages*

1. _____, Manager of Residence Halls	DY9	\$ 500
(See Men's Residence Halls)	DY31	(1 800)
(See Lincoln Avenue Residence)	DY34	(2 000)
(See Busey-Evans Halls)	DY26	(1 500)
(Total Salary)		(5 800)
2. C. J. Hubble, Manager of Temporary Dormitories	DY	5 280
3. Nonacademic Salaries		13 393
<i>Total, Salaries</i>		(19 173)
Wages		50 774
<i>Total, Salaries and Wages</i>		(69 947)

Expense and Equipment

Expense		61 056
<i>Total, Housing Division—Parade Ground Dormitories</i>		\$131 003

Housing Division — Cooperative Houses

1. Grace E. Williams, House Director, Alpha House	G63	\$ 810 ^{RB}
(See Dean of Women)	G37	(470)
(Total Salary)		(1 280)
(September 1, 1951, to June 30, 1952)		
2. Mrs. Arahbell Conlee, House Director, Beta House	G63	810 ^{RB}
(See Dean of Women)	G37	(470)
(Total Salary)		(1 280)
(September 1, 1951, to June 30, 1952)		
3. Mrs. Ruth C. Anderson, House Director, Gamma House	G63	810 ^{RB}
(See Dean of Women)	G37	(470)
(Total Salary)		(1 280)
(September 1, 1951, to June 30, 1952)		
<i>Total, Salaries</i>		(2 430)

Expense and Equipment

Expense		19 452
<i>Total, Housing Division—Cooperative Houses</i>		\$ 21 882

Housing Division — Student and Staff Apartments*Salaries and Wages*

1. Nonacademic Salaries		\$ 8 376
Wages		13 159
<i>Total, Salaries and Wages</i>		(21 535)

Expense and Equipment

Expense		39 485
Debt Service		101 608
<i>Total, Expense and Equipment</i>		(141 093)
<i>Total, Housing Division—Student and Staff Apartments</i>		\$162 628 ¹

Housing Division — Staff Housing*Expense and Equipment*

Expense		\$ 89 308
Debt Service		31 719
<i>Total, Housing Division—Staff Housing</i>		\$121 027 ²

Housing Division — Temporary Family Housing³*Salaries and Wages*

1. Nonacademic Salaries		\$ 30 791
Wages		1 600
<i>Total, Salaries and Wages</i>		(32 391)

¹ Includes the following: Trust — Student-Staff Apartment Building Operations, \$89,633; Trust — Green Street Apartment Operations, \$72,995.

² Includes the following: Trust — Staff Housing Operations, \$27,673; Hessel Boulevard Staff Housing Operations, \$25,024; and General — Permanent Staff Housing Operations, \$35,468; Race and Florida Operations, \$32,862; total, \$121,027.

³ Includes the following: Stadium Terrace Operations, \$199,841; Illini Village Operations, \$133,779.

Expense and Equipment

Expense	301 108
<i>Total, Temporary Family Housing</i>	\$333 499

Housing Division — Residence Halls Canteens*Salaries and Wages*

Wages	\$ 25 131
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Expense and Equipment

Expense	95 882
Equipment	200

Total, Expense and Equipment

Total, Housing Division—Residence Halls Canteens

SCHOLARSHIPS, FELLOWSHIPS, AND PRIZES¹

Expendable Gifts and Endowment Funds	Salaries and Wages	Other Expense	Total
Endowment Income		\$ 75 000	\$ 75 000
Gifts		100 000	100 000
<i>Total, Trust Funds</i>		\$175 000	\$175 000

MISCELLANEOUS ACCOUNTS

	Salaries and Wages	Other Expense	Total
<i>Farm Operations</i>			
Allerton		\$50 000	\$50 000
Carter-Pennell		8 000	8 000
Hackett		25 000	25 000
Wright		60 000	60 000
<i>Total, Farm Operations</i>		(143 000)	(143 000)
<i>Miscellaneous Rentals</i>			
Illini Hall, Arcade, and Nally Property		10 870	10 870
<i>Endowment Income</i>			
Annuities		250	250
<i>United States Government Contracts</i>			
Veterans Books and Supplies		150 000	150 000
<i>Total</i>		\$304 120	\$304 120

¹ See also Graduate College, Fine and Applied Arts, and Law.

CHICAGO PROFESSIONAL COLLEGES

SUMMARY OF BUDGET APPROPRIATIONS

<i>Educational and General</i>	<i>From General Income</i>	<i>From Restricted Income</i>	<i>Total</i>
Administration and General			
General Administrative Offices.....	\$321 111	\$15 500	\$336 611
General Student Service.....	58 441	.....	58 441
General University Service.....	53 810	.....	53 810
Security Benefits.....	1 000	.....	1 000
<i>Total, Administration and General.....</i>	<i>(434 362)</i>	<i>(15 500)</i>	<i>(449 862)</i>
Instruction and Departmental Research			
Colleges, Schools, and Departments			
Medicine.....	1 992 574	62 780	2 055 354
Dentistry.....	538 055	.....	538 055
Pharmacy.....	249 805	.....	249 805
Graduate College.....	3 315	.....	3 315
School of Nursing.....	64 538	60 395	124 933
School of Social Work.....	54 939	.....	54 939
Physical Education.....	12 820	.....	12 820
<i>Total, Colleges, Schools, and Departments (2 916 046)</i>	<i>(123 175)</i>	<i>(3 039 221)</i>	
Organized Activities			
Research and Educational Hospitals.....	2 499 570	429 425	2 928 995
<i>Total, Organized Activities..... (2 499 570)</i>	<i>(429 425)</i>	<i>(2 928 995)</i>	
<i>Total, Instruction and Departmental Research..... (5 415 616)</i>	<i>(552 600)</i>	<i>(5 968 216)</i>	
Organized Research			
Aeromedical and Physical Environment			
Laboratory.....	64 250	.....	64 250
Institution for Tuberculosis Research.....	.....	37 600	37 600
<i>Total, Organized Research..... (64 250)</i>	<i>(37 600)</i>	<i>(101 850)</i>	
Extension and Public Service			
Dentistry—Postgraduate Telephone			
Revolving.....	.....	100 000	100 000
Libraries.....	72 200	.....	72 200
Physical Plant.....	1 815 787	174 250	1 990 037
Endowment Income, Gift Funds, and United			
States Government Contracts.....	.....	808 750	808 750
<i>Total, Educational and General..... (7 802 215)</i>	<i>(1 688 700)</i>	<i>(9 490 915)</i>	
<i>Auxiliary Enterprises.....</i>	<i>.....</i>	<i>214 048</i>	<i>214 048</i>
<i>Student Aid</i>			
Scholarships, Fellowships, and Prizes.....	18 000	20 000	38 000
<i>Total, Appropriations.....</i>	<i>\$7 820 215</i>	<i>\$1 922 748</i>	<i>\$9 742 963</i>

COMPARATIVE SUMMARY OF BUDGET APPROPRIATIONS

<i>Educational and General</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration and General			
General Administrative Offices.....	\$288 376	\$48 235	\$336 611
General Student Service.....	53 991	4 450	58 441
General University Service.....	38 785	15 025	53 810
Security Benefits.....	1 000	.....	1 000
<i>Total, Administration and General.....</i>	<i>(382 152)</i>	<i>(67 710)</i>	<i>(449 862)</i>

<i>Educational and General</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Instruction and Departmental Research			
Colleges, Schools, and Departments			
Medicine.....	1 703 694	351 660	2 055 354
Dentistry.....	461 855	76 200	538 055
Pharmacy.....	217 055	32 750	249 805
Graduate College.....	2 915	400	3 315
School of Nursing.....	65 940	58 993	124 933
Social Work.....	51 339	3 600	54 939
Physical Education.....	10 120	2 700	12 820
<i>Total, Colleges, Schools, and Departments</i>	(2 512 918)	(526 303)	(3 039 221)
Organized Activities Relating to Instruction			
Research and Educational Hospitals.....	2 172 162	756 833	2 928 995
<i>Total, Instruction and Departmental Research</i>	(4 685 080)	(1 283 136)	(5 968 216)
Organized Research			
Aeromedical and Physical Environment			
Laboratory.....	49 250	15 000	64 250
Institution for Tuberculosis Research.....	32 870	4 730	37 600
<i>Total, Organized Research</i>	(82 120)	(19 730)	(101 850)
Extension and Public Service			
Dentistry—Postgraduate Telephone			
Revolving.....	4 440	95 560	100 000
Libraries.....	48 200	24 000	72 200
Physical Plant.....	959 046	1 030 991	1 990 037
Endowment Income, Gift Funds, and United			
States Government Contracts.....	587 500	221 250	808 750
<i>Total, Educational and General</i>	(6 748 538)	(2 742 377)	(9 490 915)
<i>Auxiliary Enterprises</i>	91 694	122 354	214 048
<i>Student Aid</i>			
Scholarships, Fellowships, and Prizes.....		38 000	38 000
<i>Total, Appropriations</i>	\$6 840 232	\$2 902 731	\$9 742 963 ¹

SUMMARY OF EXPENDABLE ENDOWMENT INCOME, GIFTS, UNITED STATES GOVERNMENT CONTRACTS, AND OTHER TRUST FUNDS

<i>Educational and General</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration and General.....		\$11 000	\$11 000
Instruction and Departmental Research			
Medicine.....		3 500	3 500
Organized Activities			
Research and Educational Hospitals.....	\$16 000	4 000	20 000
Organized Research			
Medicine.....	500 000	175 000	675 000
Dentistry.....	52 500	20 000	72 500
Pharmacy.....	500	250	750
Graduate College.....	15 000	5 000	20 000
Aeromedical and Physical Environment Labo- ratory.....	3 500	500	4 000
<i>Total, Organized Research</i>	(571 500)	(200 750)	(772 250)
Libraries.....		2 000	2 000
<i>Total, Educational and General</i>	(587 500)	(221 250)	(808 750)
<i>Student Aid</i>			
Scholarships, Fellowships, and Prizes.....		20 000	20 000
<i>Grand Total</i>	\$587 500	\$241 250	\$828 750

¹ Sources of funds: General Income, \$7,820,215; Restricted Income, \$1,922,748; total, \$9,742,963.

GENERAL ADMINISTRATIVE OFFICES, DEPARTMENTS, AND EXPENSE

	Summary	Salaries and Wages	Other Expense	Total
<i>General Administrative Offices</i>				
Vice-President's Office.....	\$ 31 230	\$ 8 300	\$ 39 530	
<i>Business Office</i>				
General.....	164 145	25 000	189 145	
Auditing.....	17 820	460	18 280	
INI.....	9 100	6 400	15 500	
<i>Total, Business Office.....</i>	<i>(191 065)</i>	<i>(31 860)</i>	<i>(222 925)</i>	
Admissions and Records.....	28 980	2 750	31 730	
Nonacademic Personnel.....	37 101	5 325	42 426	
<i>Total, General Administrative Offices.....</i>	<i>(288 376)</i>	<i>(48 235)</i>	<i>(336 611)</i>	
<i>General Student Service</i>				
Student Affairs.....	14 050	1 700	15 750	
Health Service.....	39 941	2 750	42 691	
<i>Total, General Student Service.....</i>	<i>(53 991)</i>	<i>(4 450)</i>	<i>(58 441)</i>	
<i>General University Service</i>				
Division of Communications				
Public Information.....	14 075	4 525	18 600	
Commencement.....		3 000	3 000	
Research Exhibits.....		1 000	1 000	
Incidental and Emergency.....		2 500	2 500	
Faculty-Alumni News Letter.....		2 500	2 500	
Animal Hospitals.....	24 710	1 500	26 210	
<i>Total, General University Service.....</i>	<i>(38 785)</i>	<i>(15 025)</i>	<i>(53 810)</i>	
<i>Security Benefits</i>				
Death and Disability Benefits.....	1 000		1 000	
<i>Total, General Administrative Offices, Departments, and Expense.....</i>	<i>\$382 152</i>	<i>\$67 710</i>	<i>\$449 862</i>	
United States Government Contracts and Indirect Costs Recovered				
Administration and General.....		\$11 000	\$11 000	
<i>Total, Trust Funds.....</i>		<i>\$11 000</i>	<i>\$11 000</i>	

Vice-President's Office

<i>Salaries and Wages</i>			
1. A. C. Ivy, Vice-President, in charge of Chicago Professional Colleges.....	BY		
Distinguished Professor of Physiology and Head of the Department of Clinical Science.....	AY	\$ 21 500	
2. Nonacademic Salaries.....		9 330	
<i>Total, Salaries.....</i>		<i>(30 830)</i>	
<i>Wages.....</i>		<i>400</i>	
<i>Total, Salaries and Wages.....</i>		<i>(31 230)</i>	
<i>Expense and Equipment</i>			
Architectural Expense.....		5 500	
Expense.....		2 500	
Equipment.....		300	
<i>Total, Expense and Equipment.....</i>		<i>(8 300)</i>	
<i>Total, Vice-President's Office.....</i>		<i>\$ 39 530</i>	

Health Service

<i>Salaries and Wages</i>			
1. F. C. Lendrum, Director.....	DY85	\$ 7 580	
(See Department of Medicine).....	AY15	(1 320)	
(Total Salary).....		(8 900)	
2. J. H. Filip, Associate Director.....	DY	7 500	

3. Mrs. Hazel S. Mrazek, Medical Adviser for Women.....	DY60	4 420
4. P. E. Nielson, Psychiatric Consultant	BY20	2 600
(See Psychiatry)	BY80	(5 000)
(Total Salary)		(7 600)
5. M. M. Chertack, Medical Consultant	DY50	3 500
6. J. B. Teton, Gynecological Consultant	DY10	950
7. Nonacademic Salaries		11 976
<i>Total, Salaries</i>		(38 526)
Wages		1 415
<i>Total, Salaries and Wages</i>		(39 941)
<i>Expense and Equipment</i>		
Expense		2 400
Convention Travel		100
Equipment		250
<i>Total, Expense and Equipment</i>		(2 750)
<i>Total, Health Service</i>		\$ 42 691

Animal Hospital

<i>Salaries and Wages</i>		
1. Elihu Bond, Administrator	DY	\$ 5 920
2. Nonacademic Salaries		18 390
<i>Total, Salaries</i>		(24 310)
Wages		400
<i>Total, Salaries and Wages</i>		(24 710)
<i>Expense and Equipment</i>		
Expense		1 500
<i>Total, Animal Hospital</i>		\$ 26 210

Business Office

(Under the direction of the Comptroller of the University)

General

<i>Salaries and Wages</i>		
1. H. A. Hazleton, Business Manager of the Chicago Colleges and Divisions	DY	\$ 10 750
2. Nonacademic Salaries		150 615
<i>Total, Salaries</i>		(161 365)
Wages		2 780
<i>Total, Salaries and Wages</i>		(164 145)
<i>Expense and Equipment</i>		
Expense		22 500
Expense (From U. S. Contracts, Indirect Costs)		(7 500)
Expense (From Veterans Equipment Procurement)		(1 000)
Equipment		2 500
<i>Total, Expense and Equipment</i>		(25 000)
<i>Sub-total, Business Office—General</i>		(189 145)

Business Office—INI

<i>Salaries and Wages</i>		
1. Nonacademic Salaries		8 100
Wages		1 000
<i>Total, Salaries and Wages</i>		(9 100)
<i>Expense and Equipment</i>		
Expense		5 700
Equipment		700
<i>Total, Expense and Equipment</i>		(6 400)
<i>Sub-total, Business Office—INI</i>		(15 500)
<i>Total, Business Office</i>		\$204 645

Auditing (Under the supervision of the University Auditor)*Salaries and Wages*

1. Nonacademic Salaries.....	DY	\$ 17 520
Wages.....		300
<i>Total, Salaries and Wages.....</i>		<i>(17 820)</i>

Expense and Equipment

Expense.....		460
<i>Total, Auditing.....</i>		<i>\$ 18 280</i>

Office of Admissions and Records

(Under the direction of the Director of Admissions and Records)

Salaries and Wages

1. G. R. Moon, Examiner and Recorder.....	DY	\$ 9 000
2. Nonacademic Salaries.....		19 665
<i>Total, Salaries.....</i>		<i>(28 665)</i>
Wages.....		315
<i>Total, Salaries and Wages.....</i>		<i>(28 980)</i>

Expense and Equipment

Expense.....		2 750
<i>Total, Office of Admissions and Records.....</i>		<i>\$ 31 730</i>

Nonacademic Personnel

(Under the direction of the Director of Nonacademic Personnel)

Salaries and Wages

1. P. A. Hartley, Associate Director.....	DY	\$ 8 250
2. Nonacademic Salaries.....		28 151
<i>Total, Salaries.....</i>		<i>(36 401)</i>
Wages.....		700
<i>Total, Salaries and Wages.....</i>		<i>(37 101)</i>

Expense and Equipment

Expense.....		5 000
Convention Travel.....		75
Equipment.....		250
<i>Total, Expense and Equipment.....</i>		<i>(5 325)</i>
<i>Total, Nonacademic Personnel.....</i>		<i>\$ 42 426</i>

Student Affairs

(Under the direction of the Dean of Students of the University)

Salaries and Wages

1. M. J. Galbraith, Dean of Student Affairs.....	DY	\$ 8 100
2. Nonacademic Salaries.....		5 700
<i>Total, Salaries.....</i>		<i>(13 800)</i>
Wages.....		250
<i>Total, Salaries and Wages.....</i>		<i>(14 050)</i>

Expense and Equipment

Expense.....		1 400
Convention Travel.....		100
Equipment.....		200
<i>Total, Expense and Equipment.....</i>		<i>(1 700)</i>
<i>Total, Student Affairs.....</i>		<i>\$ 15 750</i>

Division of Communications**Public Information***Salaries and Wages*

1. C. L. Williston, Manager.....	DY	\$ 7 000
2. Nonacademic Salaries.....		6 300
<i>Total, Salaries.....</i>		<i>(13 300)</i>
Wages.....		775
<i>Total, Salaries and Wages.....</i>		<i>(14 075)</i>

Expense and Equipment

Expense.....	4 300
Equipment.....	225
<i>Total, Expense and Equipment</i>	(4 525)
<i>Total, Public Information</i>	\$ 18 600

Expense and Equipment **Incidental and Emergency**

Expense.....	\$ 2 500
<i>Total, Incidental and Emergency</i>	\$ 2 500

Expense and Equipment **Commencement**

Expense.....	\$ 3 000
<i>Total, Commencement</i>	\$ 3 000

Expense and Equipment **Research Exhibits**

Expense.....	\$ 1 000
<i>Total, Research Exhibits</i>	\$ 1 000

Expense and Equipment **Faculty-Alumni News Letter**

Expense.....	\$ 2 500
<i>Total, Faculty-Alumni News Letter</i>	\$ 2 500

Salaries and Wages **Disability Benefits**

Wages—For payments due to replacements of nonacademic personnel on extended disability leave.....	\$ 1 000
<i>Total, Disability Benefits</i>	\$ 1 000

COLLEGE OF MEDICINE**Summary**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$31 840	\$16 250	\$48 090
Postgraduate.....	24 600	7 800	32 400
Anatomy.....	89 770	11 800	101 570
Bacteriology.....	75 345	11 000	86 345
Biological Chemistry.....	66 845	8 700	75 545
Clinical Science.....	20 030	7 500	27 530
Dermatology.....	42 100	2 750	44 850
Illustration Studios.....	37 540	2 500	40 040
Medicine.....	175 210	19 050	194 260
Neurology and Neurological Surgery.....	68 205	6 000	74 205
Epilepsy Consultation Clinic.....	28 035	5 500	33 535
Obstetrics and Gynecology.....	33 041	8 500	41 541
Occupational Therapy.....	50 402	7 700	58 102
Ophthalmology.....	66 972	9 200	76 172
Orthopaedic Surgery.....	38 585	11 300	49 885
Otolaryngology.....	83 880	12 600	96 480
Pathology.....	102 100	10 500	112 600
Pediatrics.....	76 160	8 400	84 560
Pharmacology.....	84 655	13 750	98 405
Physical Medicine and Rehabilitation.....	18 890	2 200	21 090
Physiology.....	114 013	22 000	136 013
Preventive Medicine.....	29 270	1 500	30 770
Psychiatry.....	154 641	5 230	159 871
Public Health.....	24 475	1 575	26 050
Radiology.....	57 960	10 500	68 460
Rush-Presbyterian.....	.....	60 775	60 775
Surgery.....	92 180	21 250	113 430
<i>Sub-total</i>	(1 686 744)	(305 830)	(1 992 574)

Summary (concluded)

<i>Illinois Neuropsychiatric Institute</i>	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Neurology and Neurological Surgery.....	2 900	10 780	13 680
Occupational Therapy.....	6 230	2 515	8 745
Psychiatry.....	6 620	20 535	27 155
Radiology.....		5 200	5 200
Sub-total, INI.....	(15 750)	(39 030)	(54 780)
Sub-total.....	(1 702 494)	(344 860)	(2 047 354)
Toxicology Revolving.....	1 200	6 800	8 000
Total.....	\$1 703 694	\$351 660	\$2 055 354

Expendable Gift and Endowment Funds

Instruction (Endowment Income)			
Estimated new projects and renewals.....		\$3 500	\$3 500
Organized Research (Gifts)			
Estimated new projects and renewals.....	\$225 000	75 000	300 000
Sub-total.....	(225 000)	(78 500)	(303 500)

**United States Government Contracts
and Indirect Costs Recovered**

Organized Research			
Estimated new projects and renewals.....	275 000	100 000	375 000
Total, Trust Funds.....	\$500 000	\$178 500	\$678 500

Administration

<i>Salaries and Wages</i>			
1. S. W. Olson, Dean; Medical Director of the Research and Educational Hospitals and of the School of Social Work.....	BY	}	\$ 16 150
Professor of Medicine.....	AY		
2. D. J. Davis, Dean and Professor of Pathology, <i>Emeritus</i> .. (Retiring allowance payable by Retirement System).....			.....
3. _____, Assistant Dean.....	DY33		2 675
4. Nonacademic Salaries.....			12 015
Total, Salaries.....			(30 840)
Wages, General.....			1 000
Wages, Undergraduate Lectures.....			.....
Total, Wages.....			(1 000)
Total, Salaries and Wages.....			(31 840)
<i>Expense and Equipment</i>			
Expense, General.....			12 000
Expense, Medical R.O.T.C.....			250
Contingent.....			4 000
Total, Expense and Equipment.....			(16 250)
Total, Administration.....			\$ 48 090

Postgraduate

<i>Salaries and Wages</i>			
1. O. F. Kampmeier, Professor of Medical History and Anatomy.....	A50	\$	4 000
2. George Milles, Coordinator of Basic Science..... (See Pathology)..... (Total Salary).....	DY8 A30		
3. Honorariums for Special Teaching ¹			8 900
4. Herbert Woodcock, Instructor in Pediatrics.....	DY		4 000
5. Nonacademic Salaries.....			6 700
Total, Salaries.....			(24 600)

¹To be assigned to departments upon approval of the Dean of the College of Medicine and the Vice-President of the Professional Colleges for payment of honorariums to part-time staff members and others for extra teaching.

Expense and Equipment

Expense.....	3 000
Equipment.....	300
Unassigned ¹	4 500
<i>Total, Expense and Equipment</i>	(7 800)
<i>Total, Postgraduate</i>	\$ 32 400

Anatomy*Salaries and Wages*

1. Arthur Kirschbaum, Professor and Head of Department..	AY	\$ 10 500
2. A. A. Zimmermann, Professor.....	A	9 200
3. Gerhardt von Bonin, Professor.....	A	9 000
4. A. R. Cooper, Professor.....	A75	6 700
5. P. H. Simer, Professor.....	A	8 100
6. R. H. Krehbiel, Associate Professor.....	A	6 850
7. Yngve Joranson, Associate Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
8. G. L. Zechel, Associate Professor (assigned to Surgery part-time, without salary).....	A23	2 300
9. J. C. Plagge, Associate Professor.....	A	6 850
10. W. J. Furuta, Assistant Professor.....	B	6 000
11. Mrs. Emma Collins, Instructor.....	D	3 600
12. Adeline R. White, Assistant, <i>Emerita</i> (From Retiring Allowances).....		(213)
13. Nonacademic Salaries.....		18 640
<i>Total, Salaries</i>		(87 740)
<i>Wages</i>		2 030
<i>Total, Salaries and Wages</i>		(89 770)

Expense and Equipment

Expense.....	9 500
Convention Travel.....	300
Equipment.....	2 000
<i>Total, Expense and Equipment</i>	(11 800)
<i>Total, Anatomy</i>	\$101 570

Bacteriology*Salaries and Wages*

1. M. V. Novak, Professor and Head of Department; Bacteriologist-in-Chief, Research and Educational Hospitals	AY90	\$ 10 800
(See Graduate College).....	DY10	(1 100)
(Total Salary).....		(11 900)
2. J. E. Kempf, Professor.....	A	7 600
3. Joaquin Munoz, Assistant Professor.....	B	5 375
4. Esther Meyer, Assistant Professor.....	B	5 060
5. E. L. Becker, Assistant Professor.....	B	6 600
6. E. E. Vicher, Assistant Professor.....	B60	2 700
7. W. I. Taylor, Assistant Professor.....	B	4 800
8. R. J. Hanson, Assistant.....	E	3 300
9. A. V. Boand, Assistant.....	E	2 640
10. 2.25 Part-time Assistants.....	E	6 400
11. Nonacademic Salaries.....		18 870
<i>Total, Salaries</i>		(74 145)
<i>Wages</i>		1 200
<i>Total, Salaries and Wages</i>		(75 345)

Expense and Equipment

General Expense.....	8 200
Convention Travel.....	300
Allergy Unit Expense.....	2 500
<i>Total, Expense and Equipment</i>	(11 000)
<i>Total, Bacteriology</i>	\$ 86 345

¹ To be assigned to departments upon approval of the Dean of the College of Medicine and the Vice-President of the Professional Colleges to cover expenses and equipment needed in connection with postgraduate courses given.

<i>Salaries and Wages</i>		Biological Chemistry	
1.	O. A. Bessey, Professor and Head of Department.....	AY	\$11 400
2.	W. H. Welker, Professor, <i>Emeritus</i>.....		.....
	(Retiring allowance payable by Retirement System)		
3.	Olaf Bergeim, Professor.....	A	7 525
4.	S. B. Binkley, Associate Professor.....	A	8 250
5.	C. A. Johnson, Assistant Professor.....	B	5 500
6.	J. H. Pazur, Assistant Professor.....	B	4 500
7.	Alice L. Riedinger, Research Associate.....	DY	4 730
8.	Paul Kohn, Instructor.....	D	4 180
9.	Ruth H. Love, Research Assistant.....	DY	3 440
10.	0.66 Part-time Assistants.....	E	1 600
11.	Nonacademic Salaries.....		12 570
	<i>Total, Salaries</i>		(63 695)
	Wages.....		3 150
	<i>Total, Salaries and Wages</i>		(66 845)
<i>Expense and Equipment</i>			
	Expense.....		6 400
	Convention Travel.....		300
	Equipment.....		2 000
	<i>Total, Expense and Equipment</i>		(8 700)
	<i>Total, Biological Chemistry</i>		\$ 75 545

<i>Salaries and Wages</i>		Clinical Science	
1.	A. C. Ivy, Distinguished Professor of Physiology and Head of Department.....	AY	.....
	(Salary under Vice-President's Office)		
2.	M. I. Grossman, Professor.....	AY	\$ 7 700
3.	D. F. Magee, Research Associate.....	DY	3 960
4.	Nonacademic Salaries.....		8 370
	<i>Total, Salaries</i>		(20 030)
<i>Expense and Equipment</i>			
	Expense.....		7 500
	<i>Total, Clinical Science</i>		\$ 27 530

Cooperative Investigations*Salaries and Wages*

TONI COMPANY

1.	L. L. Gershbein, Research Assistant Professor.....	DY75	\$ 3 600
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LAKELAND FOUNDATION

2.	Dorothy Nelson, Research Associate.....	DY	3 600
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Dermatology*Salaries and Wages*

1.	F. E. Senear, Professor of Dermatology and Head of Department.....	AY50	\$ 6 650
2.	Theodore Cornbleet, Clinical Professor.....	AY30	2 640
3.	Adolph Rostenberg, Jr., Professor.....	AY	10 900
4.	M. J. Brunner, Assistant Professor.....	BY90	5 850
5.	Harold Shellow, Clinical Assistant Professor.....	BY13	775
6.	P. K. Weichselbaum, Clinical Assistant Professor.....	BY20	1 050
7.	Henry Schorr, Clinical Associate.....	DY20	925
8.	Louise E. Tavs, Clinical Associate.....	DY20	850
9.	J. B. Haeberlin, Jr., Clinical Instructor.....	DY20	850
10.	Frederick Szymanski, Clinical Instructor.....	DY20	850
11.	Prudence P. Tolomeo, Research Assistant.....	DY	3 250
12.	Nonacademic Salaries.....		6 810
	<i>Total, Salaries</i>		(41 400)
	Wages.....		700
	<i>Total, Salaries and Wages</i>		(42 100)

Expense and Equipment

Expense.....	2 000
Equipment.....	750
<i>Total, Expense and Equipment</i>	(2 750)
<i>Total, Dermatology</i>	\$ 44 850

Illustration Studios*Salaries and Wages*

1. T. S. Jones, Professor of Medical and Dental Illustration and Head of Department.....	AY80	\$ 9 000
2. Ruth B. Coleman, Assistant Professor of Medical Illustration.....	BY	5 400
3. V. P. Destro, Technical Assistant.....	DY	3 990
4. Nonacademic Salaries.....		15 150
<i>Total, Salaries</i>		(33 540)
Wages.....		4 000
<i>Total, Salaries and Wages</i>		(37 540)
<i>Expense and Equipment</i>		
Expense.....		2 500
<i>Total, Illustration Studios</i>		\$ 40 040

Medicine*Salaries and Wages*

1. H. F. Dowling, Professor and Head of Department.....	AY	\$ 15 000
2. R. W. Keeton, Professor, <i>Emeritus</i> (Retiring allowance payable by Retirement System)		.....
3. S. W. Olson, Professor..... (Salary under Administration)	AY	.....
4. E. S. Moore, Professor, <i>Emeritus</i> (From Retiring Allowances).....		(1 762)
5. E. F. Foley, Professor.....	AY50	4 050
6. Victor Guillemin, Jr., Professor of Biophysics..... (Salary under Aeromedical and Physical Environment Laboratory)		.....
7. Mrs. Carroll L. Birch, Professor.....	AY	8 030
8. F. K. Hick, Professor.....	AY50	3 950
9. R. M. Kark, Professor.....	AY	11 000
10. A. B. Kendrick, Associate Professor.....	AY	6 700
11. F. C. Lendrum, Associate Professor..... (See Health Service)	AY15	1 320
(Total Salary).....	DY85	(7 580)
12. L. R. Limarzi, Associate Professor.....	AY75	5 375
13. Frederick Steigmann, Clinical Associate Professor.....	AY25	1 720
14. M. H. Streicher, Associate Professor.....	AY45	2 960
15. J. A. Campbell, Assistant Professor (Rush)..... (Beginning March 1, 1952)	BY50	4 000
16. _____, Assistant Professor.....	BY	6 100
17. R. L. Grissom, Assistant Professor..... (From Markle Foundation)	DY25	2 000
(Total Salary).....	DY75	(5 500)
18. M. M. Montgomery, Assistant Professor.....	BY50	3 440
19. J. T. Paul, Assistant Professor.....	BY40	2 150
20. E. J. Ranke, Assistant Professor.....	BY40	2 000
21. N. B. Roberg, Clinical Assistant Professor.....	BY12	675
22. Max Samter, Assistant Professor.....	BY90	7 700
23. J. A. Schoenberger, Assistant Professor..... (From USPHS HT300R)	DY23	1 500
(Total Salary).....	DY77	(5 000)
24. Moses Goldwasser, Associate and Consultant to Eye and Ear Infirmary.....	DY50	2 120
25. _____, Instructor.....	DY	6 000
26. Basil Anastopoulos, Instructor in Parasitology.....	DY	4 600

27. Josephine M. Dyniewicz, Instructor and Research Chemist	DY	4 500
28. _____, Instructor in Nutrition	DY	4 500
29. G. J. Brebis, Instructor	DY ₅₀	2 900
30. _____, Instructor	DY ₅₀	3 200
31. I. R. Callen, Instructor	DY ₅₀	3 440
32. _____, Instructor	DY ₅₀	2 500
33. R. G. Weiner, Instructor	DY ₃₅	1 888
(From USPHS HT300R)	DY ₁₅	(800)
(Total Salary)		(2 688)
34. M. M. Chertack, Clinical Assistant		.....
(Salary under Health Service)		
35. Mrs. Thomie Akamine, Research Assistant	DY	3 200
36. Betty Lou Duke, Research Assistant	DY	3 150
37. Tohru Inouye, Research Assistant	DY ₇₀	3 430
(From USPH RG-1213-C2)	DY ₃₀	(1 300)
(Total Salary)		(4 730)
38. Mrs. Martha Koloed, Research Assistant	DY	3 250
39. E. Maxine McArthur, Research Assistant	DY	3 200
40. Deduct unused amount, Item 15		-2 000
41. Nonacademic Salaries		29 248
Total, Salaries		(168 796)
Wages, General		5 414
Wages, Undergraduate Lectures		1 000
Total, Wages		(6 414)
Total, Salaries and Wages		(175 210)
<i>Expense and Equipment</i>		
Expense		15 300
Convention Travel		750
Equipment		3 000
Total, Expense and Equipment		(19 050)
Total, Medicine		\$194 260

Cooperative Investigations*Salaries and Wages*

U. S. PUBLIC HEALTH SERVICE CT630

1. S. G. Taylor, Clinical Associate Professor (Rush)..... GY₄₅ \$ 3 000
(One year from April 1, 1951)

U. S. PUBLIC HEALTH SERVICE RH-1213-C2

2. Mrs. Marjorie D. Winans, Research Assistant..... GY 3 000
(One year from July 1, 1951)

ABBOTT LABORATORIES 50-24-80

3. Dolores M. Rix, Research Assistant..... GY 2 930

Salaries and Wages **Neurology and Neurological Surgery**

1. Eric Oldberg, Professor and Head of Department..... AY₇₅ \$ 10 300
2. Percival Bailey, Distinguished Professor..... AY₆₀ 13 750
(From State Department of Public Welfare)..... DY₄₀ (4 000)
(Total Salary)..... (17 750)
3. G. B. Hassin, Professor, *Emeritus* (From Retiring Allowances)..... (1 435)
4. R. P. Mackay, Professor of Neurology..... AY₂₅ 2 450
5. P. C. Bucy, Professor..... AY₂₀ 1 850
6. I. B. Diamond, Assistant Professor, *Emeritus* (From Retiring Allowances)..... (472)
7. Oscar Sugar, Assistant Professor of Neurological Surgery... BY₈₀ 5 280
8. J. S. Garvin, Instructor in Neurology..... DY₇₅ 3 300
9. 20 Part-time Assistants..... DY 900
10. Nonacademic Salaries..... 26 850
Total, Salaries..... (64 680)

Wages..... 3 525
Total, Salaries and Wages..... (68 205)

Expense and Equipment

Expense.....	6 000
<i>Sub-total, Neurology and Neurological Surgery.....</i>	<i>(74 205)</i>

Neurology and Neurological Surgery — INI*Salaries and Wages*

Nonacademic Salaries.....	2 400
Wages.....	500
<i>Total, Salaries and Wages.....</i>	<i>(2 900)</i>

Expense and Equipment

Expense.....	10 780
<i>Sub-total, Neurology and Neurological Surgery—INI....</i>	<i>(13 680)</i>
<i>Total, Neurology and Neurological Surgery.....</i>	<i>\$ 87 885</i>

Epilepsy Consultation Clinic*Salaries and Wages*

1. F. A. Gibbs, Associate Professor.....	AY75	\$ 7 000
2. F. W. Stamps, Research Associate.....	DY50	5 000
(From Trust: Children's Bureau).....	DY50	(5 000)
(Total Salary).....		(10 000)
3. Mrs. Erna L. Gibbs, Research Assistant.....	DY	3 960
4. Ernst Haase, Consultant to Illinois Eye and Ear Infirmary	DY20	1 625
(From Trust: Children's Bureau).....	DY20	(1 500)
(Total Salary).....		(3 125)
5. Mrs. Marilyn M. Fleming, Electroencephalographer.....	DY	3 520
6. Nonacademic Salaries.....		6 180
<i>Total, Salaries.....</i>		<i>(27 285)</i>
Wages.....		750
<i>Total, Salaries and Wages.....</i>		<i>(28 035)</i>

Expense and Equipment

Expense and Equipment.....	5 500
<i>Total, Epilepsy Consultation Clinic.....</i>	<i>\$ 33 535</i>

Cooperative Investigations*Salaries and Wages*

U. S. PUBLIC HEALTH SERVICE B-1, C-3

1. Luis Amador, Research Associate.....	DY	\$ 8 000
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CHILDREN'S BUREAU

2. _____, Pediatric Consultant.....	DY50	3 200
3. G. L. Mowery, Electroencephalographer.....	DY	3 850

*Salaries and Wages***Obstetrics and Gynecology**

1. F. H. Falls, Professor and Head of Department.....	AY75	\$ 10 500
2. W. H. Browne, Clinical Associate Professor.....	AY15	975
3. V. C. Freda, Clinical Assistant Professor.....	BY20	1 080
4. J. B. Teton, Clinical Associate.....		....
(Salary under Health Service).....		
5. J. P. FitzGibbons, Clinical Instructor.....	DY25	1 080
6. C. D. Krause, Clinical Instructor.....	DY25	1 080
7. A. J. Mauzey, Clinical Instructor.....	DY25	1 080
8. D. M. Farley, Instructor.....	DY50	2 160
9. J. W. Payne, Instructor.....	DY50	2 160
10. H. K. Waddington, Clinical Instructor.....	DY45	1 850
11. J. B. Nettles, Instructor.....	DY	4 000
12. Nonacademic Salaries.....		6 390
<i>Total, Salaries.....</i>		<i>(32 355)</i>
Wages.....		686
<i>Total, Salaries and Wages.....</i>		<i>(33 041)</i>

Expense and Equipment

Expense.....	8 500
<i>Total, Obstetrics and Gynecology.....</i>	<i>\$ 41 541</i>

Cooperative Investigations*Salaries and Wages*

U. S. PUBLIC HEALTH SERVICE CT-630

1. R. V. Lobraico, Jr., Instructor GY75 \$ 3 000
(April 1, 1951, to March 31, 1952)

*Salaries and Wages***Occupational Therapy**

- | | | |
|--|------|----------|
| 1. Beatrice D. Wade, Associate Professor | AY | \$ 6 750 |
| 2. Margaret H. Keeney, Assistant Professor | DY | 5 000 |
| 3. Alice M. Clement, Instructor | DY | 4 550 |
| 4. Angeline A. Howard, Instructor | DY | 4 375 |
| 5. Faith C. Koch, Instructor | DY | 4 200 |
| 6. Mrs. Marie R. Adams, Instructor | DY | 4 200 |
| 7. _____, Instructor | DY | 3 660 |
| 8. Edith Maeda, Assistant | DY | 3 550 |
| 9. Doris C. Klausmann, Assistant | DY | 3 400 |
| 10. Dorothy T. Hruby, Assistant | DY | 3 300 |
| 11. 0.25 Part-time Assistants | DY25 | 800 |
| 12. Nonacademic Salaries | | 5 580 |

Total, Salaries (49 365)

Wages 1 037

Total, Salaries and Wages (50 402)

Expense and Equipment

Expense 6 500

Equipment 1 000

Convention Travel 200

Total, Expense and Equipment (7 700)

Sub-total, Occupational Therapy (58 102)

Occupational Therapy — INI*Salaries and Wages*

1. Nonacademic Salaries 5 580

Wages 650

Total, Salaries and Wages (6 230)

Expense and Equipment

Expense 515

Equipment 2 000

Total, Expense and Equipment (2 515)

Sub-total, Occupational Therapy—INI (8 745)

Total, Occupational Therapy \$ 66 847

*Salaries and Wages***Ophthalmology**

- | | | |
|---|------|-----------|
| 1. W. F. Hughes, Jr., Professor and Head of Department;
Ophthalmologist-in-Chief, Illinois Eye and Ear In-
firm | AY90 | \$ 10 750 |
| 2. P. C. Kronfeld, Professor | AY75 | 8 200 |
| 3. Hallard Beard, Professor | AY40 | 3 500 |
| 4. J. S. Haas, Assistant Professor | BY70 | 4 900 |
| 5. Maurice Pearlman, Assistant Professor | BY85 | 5 700 |
| 6. A. C. Biegel, Assistant Professor | DY42 | 2 800 |
| (From Public Health Service 1030) | DY43 | (2 800) |
| (Total Salary) | | (5 600) |
| 7. M. L. Stillerman, Clinical Assistant Professor | BY15 | 1 000 |
| 8. E. A. Pushkin, Clinical Assistant Professor | BY15 | 1 000 |
| 9. J. E. McDonald, Instructor | DY60 | 3 600 |
| 10. M. C. Benford, Instructor . . . . . |  | ..... |
| (Salary under Hospital Clinics) | | |
| 11. C. L. Hans, Jr., Clinical Teaching Assistant | GY | 3 000 |
| (July 1, 1951, to June 30, 1952) | | |

12. Nonacademic Salaries.....	20 522
<i>Total, Salaries</i>	(64 972)
Wages.....	2 000
<i>Total, Salaries and Wages</i>	(66 972)
<i>Expense and Equipment</i>	
Expense and Equipment.....	8 900
Convention Travel.....	300
<i>Total, Expense and Equipment</i>	(9 200)
<i>Total, Ophthalmology</i>	\$ 76 172

Orthopaedic Surgery*Salaries and Wages*

1. F. A. Chandler, Professor and Head of Department and Director of the Illinois Surgical Institute.....	AY50	\$ 7 000
(See Research and Educational Hospitals)		
2. H. B. Thomas, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. F. W. Hark, Clinical Associate Professor.....	AY25	1 980
4. C. N. Lambert, Clinical Associate Professor.....	AY25	1 700
5. T. A. Fox, Clinical Assistant Professor.....	BY45	2 250
6. C. V. Heck, Clinical Assistant Professor.....	BY40	2 000
7. R. T. Lidge, Instructor.....	DY50	1 980
8. Nonacademic Salaries.....		19 530
<i>Total, Salaries</i>		(36 440)
Wages.....		2 145
<i>Total, Salaries and Wages</i>		(38 585)
<i>Expense and Equipment</i>		
Expense and Equipment.....		11 000
Convention Travel.....		300
<i>Total, Expense and Equipment</i>		(11 300)
<i>Total, Orthopaedic Surgery</i>		\$ 49 885

Otolaryngology*Salaries and Wages*

1. F. L. Lederer, Professor and Head of Department; Otolaryngologist-in-Chief, Illinois Eye and Ear In- firmery.....	AY80	\$ 10 750
2. Herbert Koepp-Baker, Professor of Clinical Speech Pathol- ogy.....	AY25	3 000
(See Division of Services for Crippled Children).....	DY75	(8 100)
<i>(Total Salary)</i>		(11 100)
3. P. H. Holinger, Professor of Bronchoesophagology.....	AY50	3 930
4. M. F. Snitman, Associate Professor.....	AY50	3 450
5. Marvin Tamari, Associate Professor.....	AY50	3 300
6. R. E. Marcus, Assistant Professor and Director of Speech and Hearing Rehabilitation Unit.....	DY45	3 000
(From John and Mary Markle Fund).....	DY55	(3 500)
<i>(Total Salary)</i>		(6 500)
7. B. J. Soboroff, Assistant Professor.....	DY50	3 000
8. Emanuel Skolnik, Assistant Professor.....	DY50	2 400
(See Division of Services for Crippled Children).....	DY40	(2 000)
<i>(Total Salary)</i>		(4 400)
9. L. Jane Irvine, Instructor in Audiology.....	DY	4 600
10. Catherine L. Fogle, Instructor in Auditory Training.....	DY	4 730
11. B. M. Jaques, Instructor in Clinical Speech.....	DY	4 300
12. Mrs. Mary L. Leimert, Instructor in Clinical Speech.....	DY25	1 000
13. Marian C. Quinn, Instructor in Clinical Speech.....	DY25	1 000
14. Mrs. Audrey J. Harris, Assistant in Clinical Speech.....	DY	3 150
15. Nonacademic Salaries.....		31 270
<i>Total, Salaries</i>		(82 880)
Wages, General.....		600
Wages, Undergraduate Lectures.....		400
<i>Total, Salaries and Wages</i>		(83 880)

Expense and Equipment

Expense.....	12 400
Convention Travel.....	200
<i>Total, Expense and Equipment.</i>	(12 600)
<i>Total, Otologyngology.</i>	\$ 96 480

Cooperative Investigations*Salaries and Wages*

U. S. PUBLIC HEALTH SERVICE CT630

1. J. G. Schoolman, Assistant Professor..... GY50 \$ 3 000
(April 1, 1951, to March 31, 1952)

*Salaries and Wages***Pathology**

1. G. A. Bennett, Professor and Head of Department; Pathologist-in-Chief, Research and Educational Hospitals.....	AY	\$ 15 600
2. D. J. Davis, Dean and Professor of Pathology, <i>Emeritus</i> .. (Retiring allowance payable by Retirement System)		.....
3. C. A. Krakower, Professor and Associate Pathologist, Research and Educational Hospitals.....	AY	12 500
4. S. A. Levinson, Professor of Pathology..... (Salary under Hospital Laboratory)	AY	.....
5. ———, Associate Professor and Associate Pathologist, Research and Educational Hospitals.....	AY	9 000
6. A. J. Nedzel, Associate Professor.....	A	7 000
7. George Milles, Associate Professor..... (See Postgraduate)..... (Total Salary).....	A30 DY8	2 200 (1 000) (3 200)
8. H. R. Catchpole, Research Associate Professor.....	AY	7 000
9. E. W. Cauldwell, Assistant Professor and Assistant Pathologist, Research and Educational Hospitals.....	BY	7 000
10. Elizabeth A. McGrew, Assistant Professor..... (See Research and Educational Hospitals—Pathology) (Total Salary).....	BY25 BY75	1 750 (5 250) (7 000)
11. J. B. Fuller, Assistant Professor..... (See Research and Educational Hospitals Laboratory) (Total Salary).....	DY40 DY60	2 800 (4 200) (7 000)
12. ———, Research Associate..... (From U. S. Public Health Service C-854)..... (Total Salary).....	DY10 D90	450 (4 800) (5 250)
13. S. A. Greenspon, Research Assistant.....	DY	4 500
14. Nonacademic Salaries.....		24 240
<i>Total, Salary.</i>		(94 040)
Wages, General.....		3 060
Wages, Undergraduate Lectures.....		5 000
<i>Total, Salaries and Wages.</i>		(102 100)

Expense and Equipment

Expense.....	9 000
Convention Travel.....	500
Equipment.....	1 000
<i>Total, Expense and Equipment.</i>	(10 500)
<i>Total, Pathology.</i>	\$112 600

Cooperative Investigations*Salaries and Wages*

U. S. PUBLIC HEALTH SERVICE HT 300

1. Otto Saphir, Clinical Professor..... DY15 \$ 1 200

U. S. PUBLIC HEALTH SERVICE RG 3066

2. F. W. Bollinger, Research Assistant..... DY 5 000

<i>Salaries and Wages</i>		Pediatrics	
1. H. G. Poncher, Professor and Head of Department.....	AY	\$ 16 150	
2. J. H. Hess, Professor, <i>Emeritus</i> (Without retiring allowance).....			
3. J. B. Richmond, Professor.....	AY80	8 250	
(From Markle Foundation).....	DY20	(2 000)	
(Total Salary).....		(10 250)	
4. H. R. Kobes, Clinical Associate Professor.....	AY		
(Salary under Division of Services for Crippled Children)			
5. H. A. Waisman, Assistant Professor.....	BY	6 500	
6. C. J. Marienfeld, Assistant Professor.....	DY	6 500	
7. Ralph Spaeth, Assistant Professor.....	BY50	2 650	
8. S. H. Barron, Instructor.....	DY90	3 850	
9. Morris Green, Instructor.....	DY	4 750	
10. Sterling Garrard, Instructor.....	DY	4 750	
11. E. F. Lis, Instructor.....	DY40	2 010	
(See Division of Services for Crippled Children).....	DY60	(3 000)	
(Total Salary).....		(5 010)	
12. Herbert Grossman, Instructor.....	DY	4 000	
13. W. P. Barba, II, Instructor.....	DY	4 000	
14. Herbert Woodcock, Instructor.....			
(Salary under Postgraduate)			
15. Gertrude Asrow, Research Assistant.....	DY	4 100	
16. Nonacademic Salaries.....		6 750	
<i>Total, Salaries</i>		(74 360)	
Wages.....		1 800	
<i>Total, Salaries and Wages</i>		(76 160)	
<i>Expense and Equipment</i>			
Expense.....		8 000	
Convention Travel.....		400	
<i>Total, Expense and Equipment</i>		(8 400)	
<i>Total, Pediatrics</i>		\$ 84 560	

Cooperative Investigations*Salaries and Wages*

JOHN AND MARY R. MARKLE FOUNDATION 50-42-03			
1. Bernice Balin, Research Assistant.....	DY	\$ 3 300	
U. S. PUBLIC HEALTH SERVICE C-875-C (55-48-06)			
2. Marcia M. Madison, Research Assistant.....	DY	3 520	
CARDIOVASCULAR TEACHING FUND			
3. —————, Instructor.....	DY50	3 000	

Pharmacology

<i>Salaries and Wages</i>			
1. C. C. Pfeiffer, Professor and Head of Department.....	AY	\$ 11 900	
2. H. A. McGuigan, Professor, <i>Emeritus</i>			
(Retiring allowance payable by Retirement System)			
3. K. R. W. Unna, Professor.....	A	8 500	
4. J. A. Bain, Assistant Professor.....	B	7 400	
5. T. R. Sherrod, Assistant Professor.....	B	5 750	
6. Elizabeth H. Jenney, Research Associate.....	DY50	2 400	
(From U. S. Public Health Service 409 (C)).....	DY50	(2 400)	
(Total Salary).....		(4 800)	
7. E. F. Domino, Instructor.....	DY50	2 200	
8. E. W. Pelikan, Instructor.....	DY50	2 200	
9. 1.50 Part-time Assistants.....	DY	5 400	

TOXICOLOGY DIVISION

10. W. J. R. Camp, Professor of Pharmacology and Toxicology, and State Toxicologist.....	AY	9 650	
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11. V. A. Gant, Assistant Professor of Toxicology	BY	7 635
12. 1.00 Part-time Research Assistants	DY	3 600
13. Nonacademic Salaries		15 720
<i>Total, Salaries</i>		(82 355)
Wages		2 300
<i>Total, Salaries and Wages</i>		(84 655)
<i>Expense and Equipment</i>		
Expense, Pharmacology		12 750
Expense, Toxicology		1 000
<i>Total, Expense and Equipment</i>		(13 750)
<i>Total, Pharmacology</i>		\$ 98 405

Toxicology Revolving (Entire budget from receipts)

<i>Salaries and Wages</i>		
Wages		\$ 1 200
<i>Expense and Equipment</i>		
Expense		6 800
<i>Total, Toxicology Revolving</i>		\$ 8 000

Cooperative Investigations*Salaries and Wages***U. S. PUBLIC HEALTH SERVICE B-28 (C)**

1. V. G. Vernier, Instructor	DY	\$ 4 200
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Salaries and Wages **Physical Medicine and Rehabilitation**

1. H. W. Kendall, Professor; Chief of Physical Medicine and Rehabilitation, Research and Educational Hospitals.	AY75	\$ 8 600
2. A. A. Rodriguez, Assistant Professor; Assistant Chief of Physical Medicine and Rehabilitation, Research and Educational Hospitals.		5 940
(From Pope Foundation)	BY80	(500)
(Total Salary)		(6 440)
3. Nonacademic Salaries		4 200
<i>Total, Salaries</i>		(18 740)
Wages		150
<i>Total, Salaries and Wages</i>		(18 890)
<i>Expense and Equipment</i>		
Expense		1 000
Convention Travel		200
Equipment		1 000
<i>Total, Expense and Equipment</i>		(2 200)
<i>Total, Physical Medicine and Rehabilitation</i>		\$ 21 090

Salaries and Wages **Physiology**

1. G. E. Wakerlin, Professor and Head of the Department ..	AY	\$ 11 900
2. C. I. Reed, Professor	A	8 350
3. Albert Bachem, Professor of Biophysics	A	7 600
4. W. S. McCulloch, Professor .....		.....
(Salary under Psychiatry)		
5. Victor Guillemin, Professor of Biophysics .....		.....
(Salary under Aeromedical and Physical Environment Laboratory)		
6. J. P. Marbarger, Associate Professor .....		.....
(Salary under Aeromedical and Physical Environment Laboratory)		
7. W. V. Whitehorn, Associate Professor	A	8 300
8. R. C. Ingraham, Associate Professor	A	7 150
9. A. A. Schiller, Assistant Professor	B	7 000
10. Elizabeth Painter-Marcus, Assistant Professor	B	6 800
11. W. G. Moss, Assistant Professor	B	6 600

12. D. E. Philpott, Research Associate.....	DY	3 960
13. E. A. Ohler, Instructor.....	D	4 900
14. 4.00 Part-time Assistants.....	E	11 700
15. Nonacademic Salaries.....		26 253
<i>Total, Salaries</i>		(110 513)
Wages.....		3 500
<i>Total, Salaries and Wages</i>		(114 013)
<i>Expense and Equipment</i>		
Expense, General.....		18 200
Expense, Electron Microscope.....		2 000
Convention Travel.....		800
Equipment.....		1 000
<i>Total, Expense and Equipment</i>		(22 000)
<i>Total, Physiology</i>		\$136 013

Cooperative Investigations*Salaries and Wages*

U. S. PUBLIC HEALTH SERVICE #428 (C)

1. Eugene Henrioulle, Research Assistant..... DY \$ 3 000

U. S. PUBLIC HEALTH SERVICE #423(C)

2. Gloria B. Fein, Research Assistant..... DY 2 930

*Salaries and Wages***Preventive Medicine**

1. _____, Professor and Head of Department..... AY \$ 12 000

2. S. R. Rosenthal, Associate Professor.....
(Salary under Institution for Tuberculosis Research)

3. G. G. Jackson, Assistant Professor..... DY 6 750

4. Edward Press, Assistant Professor.....
(Salary under Division of Services for Crippled Children)

5. M. M. Hirsch, Research Assistant..... E 3 200

6. Nonacademic Salaries..... 6 270

Total, Salaries..... (28 220)

Wages..... 1 050

Total, Salaries and Wages..... (29 270)*Expense and Equipment*

Expense..... 1 500

Total, Preventive Medicine..... \$ 30 770*Salaries and Wages***Psychiatry**

1. F. J. Gerty, Professor and Head of Department..... AY50 \$ 6 750

2. W. S. McCulloch, Professor of Psychiatry and Physiology
and Neurophysiologist..... AY 10 300

3. David Shakow, Professor of Psychology..... AY 10 300

4. L. J. Meduna, Professor..... AY 7 930

5. H. T. Carmichael, Professor..... AY50 5 130

6. Franz Alexander, Clinical Professor..... AY25 3 120

7. D. M. Olkon, Clinical Associate Professor, *Emeritus*.....
(Retiring allowance payable by Retirement System)

8. Mrs. Beulah C. Bosselman, Clinical Associate Professor... AY33 2 580

9. Joel S. Handler, Assistant Professor..... BY 8 000

10. S. N. Stein, Assistant Professor and Research Physiologist BY 7 440

11. P. E. Nielson, Assistant Professor..... BY80 5 000

(See Health Service)..... BY20 (2 600)

(Total Salary)..... (7 600)

12. Lester MacLean, Assistant Professor..... BY50 3 500

13. Donovan Wright, Assistant Professor..... BY50 3 000

14. Mrs. Irene C. Sherman, Clinical Assistant Professor..... BY25 1 410

15. Mrs. Virginia Tarlow, Clinical Assistant Professor..... BY25 1 410

16. Marianne L. Simmel, Instructor and Clinical Psychologist DY 5 400

17. George Pollock, Instructor.....	DY80	4 800
18. Joan Longini, Instructor.....	DY50	2 500
19. Leon Bernstein, Clinical Instructor.....	DY33	2 000
20. Harold Manfredi, Research Assistant (assigned to Loyola University).....	DY	3 150
21. Nonacademic Salaries.....		54 411
<i>Total, Salaries</i>		(148 131)
Wages.....		6 510
<i>Total, Salaries and Wages</i>		(154 641)
<i>Expense and Equipment</i>		
Expense and Equipment.....		4 530
Convention Travel.....		700
<i>Total, Expense and Equipment</i>		(5 230)
<i>Sub-total, Psychiatry</i>		(159 871)
Psychiatry — INI		
<i>Salaries and Wages</i>		
1. Nonacademic Salaries.....		5 870
Wages.....		750
<i>Total, Salaries and Wages</i>		(6 620)
<i>Expense and Equipment</i>		
Expense.....		13 000
Equipment.....		7 535
<i>Total, Expense and Equipment</i>		(20 535)
<i>Sub-total, Psychiatry—INI</i>		(27 155)
<i>Total, Psychiatry</i>		\$187 026

Cooperative Investigations*Salaries and Wages*

U. S. PUBLIC HEALTH SERVICE 5083-C3

1. A. K. Rosenwald, Assistant Professor..... GY \$ 6 750
 (July 1, 1951, to August 31, 1952, at \$6,750 a year)

NAVY TASK ORDER #2

2. Ralph Sonnenschein, Research Associate..... DY 5 500

PSYCHIATRIC DISORDERS OF CHILDREN

3. I. Boszormenyi-Nagy, Research Assistant..... DY 3 000

TEAGLE FOUNDATION

4. J. K. Ross-Duggan, Research Associate..... DY 4 500

Public Health*Salaries and Wages*

1. H. J. Shaughnessy, Professor and Head of Department... AY80 \$ 11 400
 (From State Department of Public Health)..... DY20 (2 600)
 (Total Salary)..... (14 000)
2. H. C. Batson, Professor of Biostatistics..... AY 10 000
3. Nonacademic Salaries..... 2 700

Total, Salaries..... (24 100)

Wages..... 375

Total, Salaries and Wages..... (24 475)

Expense and Equipment

Expense..... 575

Convention Travel..... 300

Equipment..... 700

Total, Expense and Equipment..... (1 575)

Total, Public Health..... \$ 26 050

Radiology*Salaries and Wages*

1. R. A. Harvey, Professor and Head of the Department.... AY }
 Radiologist-in-Chief, Research and Educational }
 Hospitals..... DY } \$ 15 600

2. T. J. Wachowski, Clinical Professor and Associate Radiologist.....	AY25	2 220
3. J. S. Laughlin, Associate Professor and Radiation Physicist.....	AY	8 760
4. D. P. Slaughter, Associate Professor of Surgery; Director of Out-Patient Tumor Clinic, Research and Educational Hospitals.....	AY25	1 400
(See Surgery).....	AY40	(3 300)
(Total Salary).....		(4 700)
5. L. L. Haas, Assistant Professor.....	BY	6 600
6. A. S. J. Petersen, Assistant Professor and Assistant Radiologist.....	BY50	4 140
7. Abraham Grossman, Assistant Professor and Assistant Radiologist.....	BY50	4 110
8. Jehuda Ovadia, Instructor.....	DY25	1 200
(From U. S. Public Health Service C-854-C2).....	DY75	(3 600)
(Total Salary).....		(4 800)
9. J. W. Beattie, Research Assistant.....	DY	3 960
10. W. J. Henderson, Research Assistant.....	DY33	1 200
(From AEC 67-55-47-30).....	DY67	(2 400)
(Total Salary).....		(3 600)
11. Nonacademic Salaries.....		7 980
<i>Total, Salaries</i>		(57 170)
Wages.....		790
<i>Total, Salaries and Wages</i>		(57 960)
<i>Expense and Equipment</i>		
Expense, Radiology.....		300
Convention Travel, Radiology.....		500
Equipment, Radiology.....		200
Expense, Betatron.....		3 000
Convention Travel, Betatron.....		500
Equipment, Betatron.....		6 000
<i>Total, Expense and Equipment</i>		(10 500)
<i>Sub-total, Radiology</i>		(68 460)
Radiology — INI		
<i>Expense and Equipment</i>		
Expense.....		5 200
<i>Total, Radiology—INI</i>		(5 200)
<i>Total, Radiology</i>		\$ 73 660

Rush-Presbyterian		
<i>Expense and Equipment</i>		
Expense.....		\$ 60 775
<i>Total, Rush-Presbyterian</i>		\$ 60 775

Surgery		
<i>Salaries and Wages</i>		
1. W. H. Cole, Professor and Head of Department; Surgeon-in-Chief.....	AY	\$ 18 300
(See Research and Educational Hospitals)		
2. C. H. Phifer, Clinical Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. M. S. Sadove, Professor and Head of Anesthesia.....	AY90	12 000
4. C. B. Puestow, Clinical Professor.....	AY25	3 100
5. Willard Van Hazel, Clinical Professor.....	AY25	2 300
6. Géza de Takats, Clinical Professor.....	AY25	2 300
7. C. W. Vermeulen, Associate Professor.....	AY60	5 100
8. J. H. Kiefer, Associate Professor.....	AY50	3 350
9. D. P. Slaughter, Associate Professor; Director of the Out-Patient Tumor Clinic, Research and Educational Hospitals.....	AY40	3 300
(See Radiology).....	AY25	(1 400)
(Total Salary).....		(4 700)
10. R. D. Herrold, Clinical Associate Professor.....	AY20	2 150

11. J. T. Reynolds, Clinical Associate Professor.....	AY25	1 600
12. W. A. Conroy, Clinical Associate Professor of Anesthesia..	AY10	1 000
13. G. M. Wyant, Assistant Professor of Anesthesia.....	DY95	6 675
14. G. D. Kaiser, Assistant Professor.....	DY70	5 300
(See Research and Educational Hospitals Administration)		
(Total Salary).....	DY20	(1 950)
15. Carl Ireneus, Jr., Clinical Assistant Professor.....	DY20	(7 250)
16. L. W. Peterson, Clinical Instructor.....	DY40	1 750
17. W. H. Requarth, Clinical Instructor.....	DY40	1 900
18. 50 Part-time Clinical Assistants.....	DY20	900
19. Nonacademic Salaries.....	DY	1 935
<i>Total, Salaries</i>		15 180
Wages, General.....		(88 140)
Wages, Undergraduate Lectures.....		3 040
<i>Total, Salaries and Wages</i>		1 000
<i>Expense and Equipment</i>		(92 180)
Expense.....		20 000
Convention Travel.....		250
Equipment.....		1 000
<i>Total, Expense and Equipment</i>		(21 250)
<i>Total, Surgery</i>		\$113 430

Cooperative Investigations*Salaries and Wages*U. S. PUBLIC HEALTH SERVICE CARDIOVASCULAR
TRAINING GRANT HT-300R

1. O. C. Julian, Clinical Assistant Professor..... DY40 1 800

VETERANS ADMINISTRATION—RESULTS OF COLD
INJURIES—DE TAKATS

2. W. S. Dye, Jr., Clinical Instructor..... GY50 2 400
(One year from July 1, 1951)

U. S. PUBLIC HEALTH SERVICE TEACHING CANCER
GRANT CT-630

3. J. D. Majarakis, Instructor..... GY75 3 000
(April 1, 1951, to March 31, 1952)

COLLEGE OF DENTISTRY**Summary**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Administration.....	\$21 160	\$6 800	\$27 960
Postgraduate Studies.....	17 475	2 775	20 250
Admitting Clinic.....	27 810	800	28 610
Applied Materia Medica and Therapeutics.....	60 165	2 400	62 565
Crowns and Fixed Partial Dentures.....	39 495	1 400	40 895
Dental Clinics.....	19 520	34 050	53 570
Full and Removable Partial Dentures.....	43 420	1 400	44 820
Histology.....	45 670	4 000	49 670
Medical and Dental History.....	5 570	.....	5 570
Operative Dentistry.....	35 350	1 320	36 670
Oral and Maxillofacial Surgery.....	32 500	2 500	35 000
Orthodontics.....	33 915	7 000	40 915
Pathology—Division of Oral Pathology.....	23 890	3 300	27 190
Pedodontics.....	34 715	3 900	38 615
Radiology.....	21 200	4 555	25 755
<i>Sub-total</i>	(461 855)	(76 200)	(538 055)
Postgraduate Telephone Revolving.....	4 440	95 560	100 000
<i>Total, College of Dentistry</i>	\$466 295	\$171 760	\$638 055

Expendable Gift Funds

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Organized Research			
Estimated new projects and renewals.....	\$15 000	\$5 000	\$20 000

**United States Government Contracts
and Indirect Costs Recovered**

Organized Research			
Estimated new projects and renewals.....	37 500	15 000	52 500
<i>Total, Trust Funds.....</i>	<i>\$52 500</i>	<i>\$20 000</i>	<i>\$72 500</i>

Administration*Salaries and Wages*

1. A. G. Brodie, Dean.....	BY20	\$ 3 700
(See Orthodontics).....	AY55	(7 050)
(Total Salary).....		(10 750)
2. Isaac Schour, Associate Dean in Charge of Postgraduate Studies.....		.....
(Salary under Postgraduate Studies and Histology)		
3. F. B. Noyes, Dean and Professor of Orthodontics, <i>Emeritus</i> (From Retiring Allowances).....		(2 320)
4. Mrs. Nell S. Talbot, Assistant to the Dean.....	DY70	5 150
(See Medical and Dental History).....	AY30	(2 200)
(Total Salary).....		(7 350)
5. Nonacademic Salaries.....		11 310
<i>Total, Salaries.....</i>		<i>(20 160)</i>
Wages.....		1 000
<i>Total, Salaries and Wages.....</i>		<i>(21 160)</i>

Expense and Equipment

Expense.....		2 550
Convention Travel.....		250
Dental R.O.T.C. Expense.....		275
Equipment.....		225
Contingent.....		3 500
<i>Total, Expense and Equipment.....</i>		<i>(6 800)</i>
<i>Total, Administration.....</i>		<i>\$ 27 960</i>

Postgraduate Studies*Salaries and Wages*

1. Isaac Schour, Associate Dean in Charge of Postgraduate Studies.....	DY18	\$ 2 515
Lecturer.....	DY	425
(See Histology).....	AY82	(11 460)
(Total Salary).....		(14 400)
2. R. B. Underwood, Instructor.....	DY20	(970)
(See Full and Removable Partial Dentures).....	DY30	(1 450)
(Total Salary).....		(2 420)
(On leave without pay for military service)		
3. D. M. Laskin, Instructor.....	DY28	1 220
(See Oral and Maxillofacial Surgery).....	DY60	(2 580)
(From Public Health Service).....	DY12	(500)
(Total Salary).....		(4 300)
4. S. S. Flores, Instructor.....	DY22	900
(See Full and Removable Partial Dentures).....	DY78	(3 250)
(Total Salary).....		(4 150)
5. R. G. Kesel, Lecturer.....	DY	250
(See Applied Materia Medica and Therapeutics).....	AY	(11 850)
(Total Salary).....		(12 100)
6. W. H. Kubacki, Lecturer.....	DY	220
(See Full and Removable Partial Dentures).....	AY	(10 100)
(Total Salary).....		(10 320)
7. Maury Massler, Lecturer.....	DY	450
(See Pedodontics).....	AY	(9 150)
(Total Salary).....		(9 600)

8. W. W. Wainwright, Lecturer.....	DY	175
(See Radiology).....	AY	(8 600)
(Total Salary).....		(8 775)
9. J. P. Weinmann, Lecturer.....	DY	475
(See Oral Pathology).....	AY	(9 775)
(Total Salary).....		(10 250)
10. F. M. Wentz, Lecturer.....	DY	175
(See Histology).....	BY	(5 575)
(Total Salary).....		(5 750)
11. Honorariums for Special Teaching.....		3 150 ¹
12. Nonacademic Salaries.....		7 110
<i>Total, Salaries</i>		(17 065)
Wages.....		410
<i>Total, Salaries and Wages</i>		(17 475)
<i>Expense and Equipment</i>		
Expense.....		2 300
Convention Travel.....		125
Equipment.....		350
<i>Total, Expense and Equipment</i>		(2 775)
<i>Total, Postgraduate Studies</i>		\$ 20 250

Postgraduate Telephone Revolving (Entire budget from receipts)

<i>Salaries and Wages</i>		
1. Saul Levy, Coordinator.....	DY ⁴⁰	\$ 2 640
(See Applied Materia Medica and Therapeutics).....	BY ²⁰	(960)
(Total Salary).....		(3 600)
2. Nonacademic Salaries.....		
<i>Total, Salaries</i>		(2 640)
Wages.....		1 800
<i>Total, Salaries and Wages</i>		(4 440)
<i>Expense and Equipment</i>		
Expense.....		94 660
Convention Travel.....		400
Equipment.....		500
<i>Total, Expense and Equipment</i>		(95 560)
<i>Total, Postgraduate Telephone Revolving</i>		\$100 000

Admitting Clinic

<i>Salaries and Wages</i>		
1. Arthur Elfenbaum, Chief Examiner and Associate Professor of Clinical Dentistry.....	AY	\$ 7 000
2. E. J. Krejci, Assistant Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. S. H. Yale, Instructor.....	DY	4 500
4. J. A. Pracyk, Instructor.....	DY ⁵⁰	2 150
(See Full and Removable Partial Dentures).....	DY ⁵⁰	(2 150)
(Total Salary).....		(4 300)
5. 50 Part-time Assistants.....	DY	1 500
6. Nonacademic Salaries.....		11 760
<i>Total, Salaries</i>		(26 910)
Wages.....		900
<i>Total, Salaries and Wages</i>		(27 810)
<i>Expense and Equipment</i>		
Expense.....		700
Equipment.....		100
<i>Total, Expense and Equipment</i>		(800)
<i>Total, Admitting Clinic</i>		\$ 28 610

¹ To be assigned to departments upon approval of the Dean of the College of Dentistry and the Vice-President for payment of honorariums to part-time staff members and others for extra teaching.

Applied Materia Medica and Therapeutics*Salaries and Wages*

1. R. G. Kesel, Professor and Head of Department.....	AY	\$ 11 850
(See Postgraduate Studies).....	DY	(250)
(Total Salary).....		(12 100)
2. E. C. Wach, Associate Professor.....	AY50	3 925
3. C. G. Maurice, Assistant Professor.....	BY	6 450
4. M. F. Grunwald, Assistant Professor.....	BY40	2 200
5. Saul Levy, Assistant Professor of Dentistry.....	BY20	960
(See Postgraduate Telephone Revolving).....	DY40	(2 640)
(Total Salary).....		(3 600)
6. Edward Hawkins, Instructor.....	DY	5 700
7. L. M. Sreebny, Instructor.....	DY	5 000
8. Anita Ellingson, Instructor.....	DY	4 200
9. Bennett Klavan, Instructor.....	DY50	2 000
10. Nonacademic Salaries.....		16 980
<i>Total, Salaries</i>		(59 265)
<i>Wages</i>		900
<i>Total, Salaries and Wages</i>		(60 165)
<i>Expense and Equipment</i>		
<i>Expense</i>		2 000
<i>Equipment</i>		400
<i>Total, Expense and Equipment</i>		(2 400)
<i>Total, Applied Materia Medica and Therapeutics</i>		\$ 62 565

Cooperative Investigations*Salaries and Wages*

UNIVERSITY OF ILLINOIS FOUNDATION

1. D. A. Wallace, Associate Professor and Consultant to University of Illinois Foundation.....	DY	\$ 12 000
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Crowns and Fixed Partial Dentures*Salaries and Wages*

1. S. D. Tylman, Professor and Head of Department.....	AY	\$ 12 000
2. F. N. Bazola, Associate Professor.....	AY50	3 775
3. T. B. Kurtz, Assistant Professor.....	BY75	6 000
4. _____, Assistant Professor.....	BY50	3 500
5. F. X. Pelka, Instructor.....	DY	4 500
6. W. T. Pope, Instructor.....	DY50	1 975
7. E. G. Griffin, Instructor.....	DY30	1 185
8. Nonacademic Salaries.....		6 060
<i>Total, Salaries</i>		(38 995)
<i>Wages</i>		500
<i>Total, Salaries and Wages</i>		(39 495)
<i>Expense and Equipment</i>		
<i>Expense</i>		1 000
<i>Equipment</i>		400
<i>Total, Expense and Equipment</i>		(1 400)
<i>Total, Crowns and Fixed Partial Dentures</i>		\$ 40 895

Dental Clinics*Salaries and Wages*

1. W. H. Kubacki, Director.....		.....
(Salary under Full and Removable Partial Dentures)		
2. Nonacademic Salaries.....		\$ 18 270
<i>Wages</i>		1 250
<i>Total, Salaries and Wages</i>		(19 520)
<i>Expense and Equipment</i>		
<i>Expense</i>		10 000
<i>Convention Travel</i>		250
<i>Equipment</i>		500

Full and Removable Partial Dentures	
Expense.....	8 000
Equipment.....	375
Crowns and Fixed Partial Dentures	
Expense.....	6 600
Equipment.....	1 000
Operative Dentistry	
Expense.....	5 000
Equipment.....	225
Applied Materia Medica and Therapeutics	
Expense.....	1 850
Equipment.....	250
<i>Total, Expense and Equipment.....</i>	<i>(34 050)</i>
<i>Total, Dental Clinics.....</i>	<i>\$ 53 570</i>

Salaries and Wages Full and Removable Partial Dentures

1. W. H. Kubacki, Professor and Head of Department and Director of Dental Clinics.....	AY	\$ 10 100
(See Postgraduate Studies).....	DY	(220)
(Total Salary).....		(10 320)
2. J. S. Kellogg, Professor, <i>Emeritus</i>.....		.....
(Retiring allowance payable by Retirement System)		
3. Henry Glupker, Associate Professor.....		.....
(Salary under Division of Services for Crippled Children)		
4. G. W. Dittmar, Jr., Assistant Professor.....	BY50	2 500
5. Lester Jacobs, Instructor.....	DY	5 000
6. S. S. Flores, Instructor.....	DY78	3 250
(See Postgraduate Studies).....	DY22	(900)
(Total Salary).....		(4 150)
7. J. A. Pracyk, Instructor.....	DY50	2 150
(See Admitting Clinic).....	DY50	(2 150)
(Total Salary).....		(4 300)
8. R. B. Underwood, Instructor.....	DY30	(1 450)
(See Postgraduate Studies).....	DY20	(970)
(Total Salary).....		(2 420)
(On leave without pay for military service)		
9. D. M. Lipe, Instructor.....	DY50	(1 830)
10. 1.50 Part-time Assistants.....	DY	4 700
11. Nonacademic Salaries.....		13 140
<i>Total, Salaries.....</i>		<i>(42 670)</i>
Wages.....		750
<i>Total, Salaries and Wages.....</i>		<i>(43 420)</i>
<i>Expense and Equipment</i>		
Expense.....		1 000
Convention Travel.....		125
Equipment.....		275
<i>Total, Expense and Equipment.....</i>		<i>(1 400)</i>
<i>Total, Full and Removable Partial Dentures.....</i>		<i>\$ 44 820</i>

Salaries and Wages

Histology

1. Isaac Schour, Professor and Head of Department.....	AY82	\$ 11 460
(See Postgraduate Studies).....	DY18	(2 940)
(Total Salary).....		(14 400)
2. E. Lloyd DuBrul, Assistant Professor of Oral Anatomy...	BY75	4 730
(See Oral and Maxillofacial Surgery).....	BY25	(1 970)
(Total Salary).....		(6 700)
3. F. M. Wentz, Assistant Professor.....	BY	5 575
(See Postgraduate Studies).....	DY	(175)
(Total Salary).....		(5 750)
4. J. A. Gagnon, Assistant Professor of Oral Anatomy.....	BY60	3 225
(See Operative Dentistry).....	BY40	(2 150)
(Total Salary).....		(5 375)

5. Verda E. James, Instructor.....	DY ₄₂	2 000
(From Public Health Service).....	DY ₅₈	(2 750)
(Total Salary).....		(4 750)
6. S. N. Bhaskar, Instructor.....	DY ₂₅	1 170
(From Public Health Service).....	DY ₂₅	(1 250)
(See Oral Pathology).....	DY ₅₀	(2 330)
(Total Salary).....		(4 750)
7. Nonacademic Salaries.....		16 410
<i>Total, Salaries</i>		(44 570)
Wages.....		1 100
<i>Total, Salaries and Wages</i>		(45 670)
<i>Expense and Equipment</i>		
<i>Histology</i>		
Expense.....		2 000
Convention Travel.....		250
Equipment.....		800
<i>Oral Anatomy and Comparative Odontology</i>		
Expense.....		825
Convention Travel.....		125
<i>Total, Expense and Equipment</i>		(4 000)
<i>Total, Histology</i>		\$ 49 670

<i>Salaries and Wages</i>		
Medical and Dental History		
1. Mrs. Nell S. Talbot, Associate Professor.....	AY ₃₀	\$ 2 200
(See Administration).....	DY ₇₀	(5 150)
(Total Salary).....		(7 350)
2. Nonacademic Salaries.....		3 240
<i>Total, Salaries</i>		(5 440)
Wages.....		130
<i>Total, Salaries and Wages</i>		(5 570)
<i>Total, Medical and Dental History</i>		\$ 5 570

<i>Salaries and Wages</i>		
Operative Dentistry		
1. J. M. Spence, Professor and Head of Department.....	AY	\$ 8 600
2. Margot Ulloa, Associate Professor.....	AY ₇₀	5 495
3. W. A. Link, Assistant Professor.....	BY ₄₀	2 240
4. J. A. Gagnon, Assistant Professor.....	BY ₄₀	2 150
(See Histology).....	BY ₆₀	(3 225)
(Total Salary).....		(5 375)
5. Arthur Marc, Instructor.....	DY ₅₀	2 285
6. K. P. Sharpe, Instructor.....	DY ₄₀	1 800
7. Jules Berman, Instructor.....	DY ₄₀	1 720
8. J. L. Morros, Instructor.....	DY ₄₀	1 620
9. M. C. Tanner, Instructor.....	DY ₄₀	(1 575)
(On leave without pay for military service)		
10. 1.00 Part-time Assistants.....	DY	3 000
11. Nonacademic Salaries.....		5 880
<i>Total, Salaries</i>		(34 790)
Wages.....		560
<i>Total, Salaries and Wages</i>		(35 350)
<i>Expense and Equipment</i>		
Expense.....		900
Convention Travel.....		130
Equipment.....		290
<i>Total, Expense and Equipment</i>		(1 320)
<i>Total, Operative Dentistry</i>		\$ 36 670

<i>Salaries and Wages</i>		
Oral and Maxillofacial Surgery		
1. B. G. Sarnat, Professor and Head of Department.....	AY ₅₀	\$ 6 000
2. Eli Olech, Associate Professor and Director of Minor Oral Surgery.....	AY ₅₀	4 050

3. E. Lloyd DuBrul, Assistant Professor of Oral Surgery	BY25	1 970
(See Histology)	BY75	(4 730)
(Total Salary)		(6 700)
4. I. B. Robinson, Instructor	DY50	1 830
5. D. M. Laskin, Instructor	DY60	2 580
(See Postgraduate Studies)	DY28	(1 220)
(From Public Health Service)	DY12	(500)
(Total Salary)		(4 300)
6. Anna Rieke, Instructor	DY	4 850
7. .50 Part-time Assistants	DY	1 500
8. Nonacademic Salaries		9 420
<i>Total, Salaries</i>		(32 200)
Wages		300
<i>Total, Salaries and Wages</i>		(32 500)
<i>Expense and Equipment</i>		
Expense		2 000
Convention Travel		125
Equipment		375
<i>Total, Expense and Equipment</i>		(2 500)
<i>Total, Oral and Maxillofacial Surgery</i>		\$ 35 000

Orthodontics

<i>Salaries and Wages</i>		
1. A. G. Brodie, Professor and Head of Department	AY55	\$ 7 050
(See Administration)	BY20	(3 700)
(Total Salary)		(10 750)
2. W. B. Downs, Professor	AY20	2 150
3. E. W. Renfroe, Assistant Professor	BY60	4 300
4. M. B. Engel, Research Assistant Professor	BY50	4 000
5. R. M. Ricketts, Instructor	DY45	2 500
(See Division of Services for Crippled Children)	DY55	(2 700)
(Total Salary)		(5 200)
6. M. J. Lande, Assistant	DY	3 250
7. Nonacademic Salaries		9 390
<i>Total, Salaries</i>		(32 640)
Wages		1 275
<i>Total, Salaries and Wages</i>		(33 915)
<i>Expense and Equipment</i>		
Expense		6 500
Convention Travel		150
Equipment		350
<i>Total, Expense and Equipment</i>		(7 000)
<i>Total, Orthodontics</i>		\$ 40 915

Pathology — Division of Oral Pathology

<i>Salaries and Wages</i>		
1. J. P. Weinmann, Professor and Head of Division	AY	\$ 9 775
(See Postgraduate Studies)	DY	(475)
(Total Salary)		(10 250)
2. M. S. Burstone, Assistant Professor	DY	5 500
3. S. N. Bhaskar, Instructor	DY50	2 330
(See Histology)	DY25	(1 170)
(From Public Health Service)	DY25	(1 250)
(Total Salary)		(4 750)
4. Nonacademic Salaries		5 700
<i>Total, Salaries</i>		(23 305)
Wages		585
<i>Total, Salaries and Wages</i>		(23 890)
<i>Expense and Equipment</i>		
Expense		2 100
Equipment		1 200
<i>Total, Expense and Equipment</i>		(3 300)
<i>Total, Pathology—Division of Oral Pathology</i>		\$ 27 190

Pedodontics*Salaries and Wages*

1. Maury Massler, Professor and Head of Department.....	AY	\$ 9 150
(See Postgraduate Studies).....	DY	(450)
(Total Salary).....		(9 600)
2. Elsie Gerlach, Superintendent of Children's Clinic.....	DY	6 700
Associate Professor.....	AY	
3. T. K. Barber, Instructor.....	DY	4 500
4. Robert Atterbury, Instructor in Clinical Dentistry.....	DY ₂₀	735
5. 50 Part-time Assistants.....	DY	1 660
6. Nonacademic Salaries.....		11 970
<i>Total, Salaries</i>		(34 715)

Expense and Equipment

Expense.....		3 000
Equipment.....		900
<i>Total, Expense and Equipment</i>		(3 900)
<i>Total, Pedodontics</i>		\$ 38 615

Radiology*Salaries and Wages*

1. W. W. Wainwright, Professor and Head of Department..	AY	\$ 8 600
(See Postgraduate Studies).....	DY	(175)
(Total Salary).....		(8 775)
2. Nonacademic Salaries.....		11 700
<i>Total, Salaries</i>		(20 300)
Wages.....		900
<i>Total, Salaries and Wages</i>		(21 200)

Expense and Equipment

Expense.....		4 000
Convention Travel.....		125
Equipment.....		430
<i>Total, Expense and Equipment</i>		(4 555)
<i>Total, Radiology</i>		\$ 25 755

Cooperative Investigations*Salaries and Wages*

ARMY CONTRACT DA49-007-MD148

1. B. G. Butt, Research Assistant.....	GY	\$ 3 600
(One year from June 18, 1951)		

COLLEGE OF PHARMACY*Salaries and Wages*

1. E. R. Serles, Dean.....	BY	\$ 15 050
Professor of Pharmacy.....	AY	
2. F. T. Maher, Assistant Dean.....	BY	10 500
Professor of Pharmacognosy and Pharmacology and		
Head of Department.....	AY	
3. E. N. Gathercoal, Professor of Pharmacognosy, <i>Emeritus</i>		(2 383)
(From Retiring Allowances).....		
4. G. L. Webster, Professor of Chemistry.....	A75	6 400
Head of Department.....	AY25	2 600
(Total Salary).....		(9 000)
5. D. L. Deardorff, Professor of Manufacturing Pharmacy...	AY	8 000
6. H. L. Davis, Associate Professor of Chemistry.....	A	7 525
7. R. E. Terry, Associate Professor of Pharmacy.....	A	6 400
8. E. R. Kirch, Associate Professor of Chemistry.....	A	6 300
9. R. F. Voigt, Director of Drug Plant Experiment Station..	AY50	3 575
Associate Professor of Pharmacognosy and Pharma-		
cology.....	A50	2 925
(Total Salary).....		(6 500)
10. C. W. Clarke, Assistant Professor of Chemistry.....	B	6 200
11. A. J. Perkins, Assistant Professor of Chemistry.....	B	6 000
12. H. M. Emig, Assistant Professor of Pharmacy.....	B	6 000

13. N. R. Joseph, Assistant Professor of Chemistry.....	B	5 700
14. J. E. Davis, Assistant Professor of Mathematics.....	B	5 600
15. J. E. Gearien, Assistant Professor of Chemistry.....	B	5 500
16. P. D. Carpenter, Assistant Professor of Zoology and Pharmacognosy.....	B	5 400
17. R. M. Besancon, Assistant Professor of Physics.....	B	5 300
18. C. A. Reed, Assistant Professor of Zoology.....	B	5 100
19. L. C. Dolk, Assistant Professor of English.....	B	4 600
20. Samuel Shkolnik, Lecturer in Pharmaceutical Jurispru- dence.....	D20	1 000
21. S. V. Susina, Instructor in Pharmacy.....	D	4 300
22. C. A. Blomquist, Instructor in Zoology.....	D	4 300
23. F. A. Crane, Instructor in Pharmacognosy.....	D	4 200
24. Marguerite R. Zielesch, Instructor in Physics.....	D	4 200
25. Rose A. Grundman, Instructor in Mathematics.....	D	4 200
26. D. E. Lussman, Instructor in Chemistry.....	D	3 600
27. F. P. Siegel, Assistant in Chemistry.....	G ¹	2 800
28. J. S. Rodia, Assistant in Chemistry.....	G ¹	2 800
29. Patricia J. Sudar, Assistant in Chemistry.....	G ¹	2 800
30. D. W. Doerr, Assistant in Pharmacy.....	G ¹	2 800
31. W. H. Southard, Assistant in Pharmacy.....	G ¹	2 800
32. Rita A. Hoch, Assistant in Pharmacy.....	G ¹	2 800
33. 1.50 Part-time Assistants.....	G ¹	4 200
34. Nonacademic Salaries.....		42 580
<i>Total, Salaries</i>		(214 055)
Wages.....		3 000
<i>Total, Salaries and Wages</i>		(217 055)
<i>Expense and Equipment</i>		
Expense.....		28 000
Convention Travel.....		750
Drug Plant Experiment Station Expense.....		3 000
Equipment.....		1 000
<i>Total, Expense and Equipment</i>		(32 750)
<i>Total, College of Pharmacy</i>		\$249 805

Hospital Pharmacy Revolving

(Entire budget from receipts)

<i>Salaries and Wages</i>		
1. W. R. Collins, Chief Pharmacist and Instructor in Phar- macy.....	DY	\$ (5 500)
2. Mrs. Keo G. Smith, Assistant Chief Pharmacist.....	DY80	(3 600)
3. _____, Instructor in Manufacturing Pharmacy..	DY50	(2 150)
4. E. G. Press, Instructor in Manufacturing Pharmacy.....	DY50	(2 150)
5. Loretto A. Byrne, Research Assistant in Manufacturing Pharmacy.....	DY	(3 900)
6. H. P. Neef, Registered Pharmacist.....	DY	(3 900)
7. G. J. Meletsis, Registered Pharmacist.....	DY	(4 000)
8. E. A. Borucki, Registered Pharmacist.....	DY	(3 900)
9. Mrs. Rita Patka Pankau, Registered Pharmacist.....	DY	(3 900)
10. Alyce A. Godshall, Registered Pharmacist.....	DY	(3 900)
11. Nonacademic Salaries.....		(8 640)
<i>Total, Salaries</i>		(45 540)
Wages (including one Resident at \$1,320 ^{RBV}).....		(4 320)
<i>Total, Salaries and Wages</i>		(49 860)
<i>Total, Hospital Pharmacy Revolving</i>		\$(49 860)

Illinois Eye and Ear Infirmary Pharmacy Revolving

(Entire budget from receipts)

<i>Salaries and Wages</i>		
1. Frances H. Fenton, Registered Pharmacist in Charge of the Hospital Pharmacy.....	DY	\$ (4 300)

¹ Academic year 1951-1952; payable in ten monthly installments beginning September 1, 1951.

2. Phyllis R. Wasserman, Registered Pharmacist.....	DY	(3 900)
3. Nonacademic Salaries.....		(2 400)
<i>Total, Salaries</i>		(10 600)
Wages.....		(500)
<i>Total, Salaries and Wages</i>		(11 100)
<i>Total, Illinois Eye and Ear Infirmary Pharmacy Re-</i> <i>volving</i>		\$ (11 100)
Expendable Gift Funds		
Organized Research	<i>Salaries</i> <i>and Wages</i>	<i>Other</i> <i>Expense</i> <i>Total</i>
Estimated new projects and renewals.....	\$500	\$250 \$750
<i>Total, Trust Funds</i>	\$500	\$250 \$750

GRADUATE COLLEGE

Summary

	<i>Salaries</i> <i>and Wages</i>	<i>Other</i> <i>Expense</i>	<i>Total</i>
Administration.....	\$2 915	\$ 400	\$ 3 315
Fellowships.....	18 000		18 000
<i>Total, Graduate College</i>	\$2 915	\$18 400	\$21 315

United States Government Contracts
and Indirect Costs Recovered

Research			
Estimated new projects and renewals.....	\$15 000	\$5 000	\$20 000
<i>Total, Trust Funds</i>	\$15 000	\$5 000	\$20 000

Administration

(Under the direction of the Dean of the Graduate College of the University)

<i>Salaries and Wages</i>			
1. M. V. Novak, Associate Dean of the Graduate College for the Chicago Professional Colleges.....	DY10	\$ 1 100	
(See Bacteriology).....	AY90	(10 800)	
(Total Salary).....		(11 900)	
2. Nonacademic Salaries.....		1 715	
<i>Total, Salaries</i>		(2 815)	
Wages.....		100	
<i>Total, Salaries and Wages</i>		(2 915)	
<i>Expense and Equipment</i>			
Expense.....			400
<i>Total, Administration</i>			\$ 3 315

Fellowships

<i>Expense and Equipment</i>		
Stipends of Fellows.....		\$ 18 000
<i>Total, Fellowships</i>		\$ 18 000

SCHOOL OF NURSING

Summary

	<i>Salaries</i> <i>and Wages</i>	<i>Other</i> <i>Expense</i>	<i>Total</i>
School of Nursing.....	\$22 108	\$19 100	\$41 208
Affiliated Program for Hospital Schools of Nursing.....	17 330	6 000	23 330
<i>Sub-total</i>	(39 438)	(25 100)	(64 538)
School of Nursing—INI.....	26 502	33 893	60 395
<i>Total, School of Nursing</i>	\$65 940	\$58 993	\$124 933

School of Nursing

<i>Salaries and Wages</i>		
1. _____, Director.....	DY	\$ 8 000
2. Helen Bruck, Clinical Instructor, Orthopaedic Nursing...	DY	4 284 ^M

3. Dorothy Rausch, Clinical Instructor, Pediatric Nursing...	DY	4 104 ^M
4. Julia Wozgin, Clinical Assistant	DY	2 820 ^{RB}
5. Nonacademic Salaries		2 550
<i>Total, Salaries</i>		(21 758)
Wages		350
<i>Total, Salaries and Wages</i>		(22 108)
<i>Expense and Equipment</i>		
Expense		18 000
Convention Travel		100
Equipment		1 000
<i>Total, Expense and Equipment</i>		(19 100)
<i>Total, School of Nursing</i>		\$ 41 208

School of Nursing — INI*Salaries and Wages*

1. Mrs. Ann L. Laird, Director		.....
(Salary under Research and Educational Hospitals)		
2. ———, Assistant Professor of Psychiatric Nursing	GY	\$ 4 794 ^M
(July 1, 1951, to August 31, 1952, at the annual salary recommended)		
3. Constance A. Malley, Clinical Instructor in Psychiatric Nursing	GY	3 984 ^M
(July 1, 1951, to August 31, 1952, at the annual salary recommended)		
4. Rose B. Hayes, Clinical Instructor in Psychiatric Nursing..	GY	3 744 ^M
(July 1, 1951, to August 31, 1952, at the annual salary recommended; on one-half time July and August, 1951)		
5. Dolores A. Dalton, Clinical Instructor in Psychiatric Nursing	GY	3 744 ^M
(July 1, 1951, to August 31, 1952, at the annual salary recommended)		
6. Agnes A. Matsuk, Clinical Instructor in Psychiatric Nursing	GY	3 564 ^M
(July 16, 1951, to August 31, 1952, at \$3,564 a year)		
7. Nonacademic Salaries		6 672
<i>Total, Salaries</i>		(26 502)

Expense and Equipment

Expense		6 173
Housing students at YMCA and Presbyterian Hospital Nurses' Residence		27 720
<i>Total, Expense and Equipment</i>		(33 893)
<i>Total, School of Nursing—INI</i>		\$ 60 395

Affiliated Program for Hospital Schools of Nursing*Salaries and Wages*

1. Emily C. Cardew, Coordinator; Assistant Professor of Nursing Education	DY	\$ 6 600
2. Mrs. Geneva Corder, Assistant Coordinator of Nursing Education with rank of Assistant Professor	DY	5 100
3. Nonacademic Salaries		5 430
<i>Total, Salaries</i>		(17 130)
Wages		200
<i>Total, Salaries and Wages</i>		(17 330)

Expense and Equipment

Expense		5 000
Equipment		1 000
<i>Total, Expense and Equipment</i>		(6 000)
<i>Total, Affiliated Program for Hospital Schools of Nursing</i>		\$ 23 330

SCHOOL OF SOCIAL WORK*Salaries and Wages*

1. S. W. Olson, Medical Director.....	.....	
(Salary under Medical Administration)			
2. Marietta Stevenson, Director.....	.....	
(Salary under Urbana-Champaign School of Social Work)			
3. _____, Supervisor of Social Case Work, with rank of Associate Professor.....	BY	\$ 6 600	
4. Mrs. Virnelle C. Voss, Assistant Professor and Acting Supervisor of Social Case Work.....	BY	5 400	
5. Ada Abromowitz, Instructor.....	DY	4 580	
6. _____, Instructor.....	DY	4 360	
7. Alice M. Gonnerman, Instructor.....	DY	4 085	
8. _____, Instructor.....	DY	4 004 ^M	
9. Louise Fassler, Instructor.....	DY	3 935	
10. _____, Instructor.....	DY	3 900	
11. Margaret Judiesch, Instructor.....	DY	3 835 ^M	
12. Nonacademic Salaries.....		10 140	
<i>Total, Salaries</i>		(50 839)	
<i>Wages</i>		500	
<i>Total, Salaries and Wages</i>		(51 339)	

Expense and Equipment

Expense.....	3 300	
Convention Travel.....	100	
Equipment.....	200	
<i>Total, Expense and Equipment</i>	(3 600)	
<i>Total, School of Social Work</i>	\$ 54 939	

PHYSICAL EDUCATION FOR MEN*Salaries and Wages*

1. J. W. Brown, Instructor.....	DY	\$ 5 200	
2. Nonacademic Salaries.....		3 120	
<i>Total, Salaries</i>		(8 320)	
<i>Wages</i>		1 800	
<i>Total, Salaries and Wages</i>		(10 120)	

Expense and Equipment

Expense.....	2 200	
Equipment.....	500	
<i>Total, Expense and Equipment</i>	(2 700)	
<i>Total, Physical Education for Men</i>	\$ 12 820	

AEROMEDICAL AND PHYSICAL ENVIRONMENT LABORATORY

(Under the supervision of the Vice-President)

Salaries and Wages

1. J. P. Marbarger, Director of Research.....	BY	\$ 9 360	
Associate Professor of Physiology.....	AY		
2. M. K. Fahnestock, Engineering Director.....			
(Salary under College of Engineering—Urbana)			
3. Victor Guillemin, Jr., Biophysicist and Professor of Biophysics.....	AY	9 150	
4. G. F. Vawter, Experimental Pathologist.....	DY	6 060	
5. Nonacademic Salaries.....		21 430	
<i>Total, Salaries</i>		(46 000)	
<i>Wages</i>		3 250	
<i>Total, Salaries and Wages</i>		(49 250)	

Expense and Equipment

Expense.....	11 750	
Convention Travel.....	250	
Equipment.....	3 000	
<i>Total, Expense and Equipment</i>	(15 000)	
<i>Total, Aeromedical and Physical Environment Laboratory</i>	\$ 64 250	

United States Government Contracts and Indirect Costs Recovered	Salaries and Wages	Other Expense	Total
Estimated new projects and renewals.....	\$3 500	\$500	\$4 000
<i>Total, Trust Funds</i>	\$3 500	\$500	\$4 000

INSTITUTION FOR TUBERCULOSIS RESEARCH

<i>Salaries and Wages</i>			
1. S. R. Rosenthal, Director.....	BY70	}	\$ 7 700
Associate Professor of Preventive Medicine.....	AY		
(Also paid \$3,000 by Research Foundation)			
2. Nonacademic Salaries.....			25 170
<i>Total, Salaries</i>			(32 870)
<i>Expense and Equipment</i>			
Expense.....			4 230
Equipment.....			500
<i>Total, Expense and Equipment</i>			(4 730)
<i>Total, Institution for Tuberculosis Research</i>			\$ 37 600

RESEARCH AND EDUCATIONAL HOSPITALS

	Summary	Salaries and Wages	Other Expense	Total
Administration.....		\$57 735	\$23 750	\$81 485
Admissions.....		26 870	1 500	28 370
Central Formula Room.....		4 140	500	4 640
Central Supply.....		27 909	18 962	46 871
Clinics.....		152 637	17 350	169 987
Dietary.....		240 978	193 450	434 428
Emergency Service.....		5 852	900	6 752
House Staff.....		91 560	52 500	144 060
Laboratory.....		137 922	24 100	162 022
Linen Service.....		15 990	73 500	89 490
Medical Records.....		62 071	7 850	69 921
Nursing.....		785 064	15 470	800 534
Nurses' Residence.....		11 580	5 000	16 580
Operating Room.....		76 018	39 088	115 106
Orthopaedic Brace Shop.....		6 210	3 000	9 210
Pathology.....		32 805	8 250	41 055
Patient Drugs.....			69 000	69 000
Physical Medicine and Rehabilitation.....		50 007	5 750	55 757
Radiology.....		59 310	47 688	106 998
Social Service.....		15 474	1 200	16 674
Ward Expense.....		3 630	27 000	30 630
<i>Sub-total</i>	(1 863 762)	(635 808)	(2 499 570)	
<i>Illinois Neuropsychiatric Institute</i>				
Administration.....		11 280	390	11 670
Central Supply.....		15 396	2 195	17 591
Clinics.....		3 180		3 180
Dietary.....		22 500	68 500	91 000
Linen Service.....		2 400	15 195	17 595
Nursing.....		233 528	7 550	241 078
Operating Room.....		14 616	1 195	15 811
<i>Sub-total, INI</i>	(302 900)	(95 025)	(397 925)	
Brace Shop Revolving.....		5 500	1 000	6 500
Blood Bank Revolving.....			25 000	25 000
<i>Total, Research and Educational Hospitals</i>	\$2 172 162	\$756 833	\$2 928 995	

Expendable Gift Funds	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Organized Activities Relating to Instructional Departments			
Estimated new projects and renewals.....	\$16 000	\$4 000	\$20 000
<i>Total, Trust Funds</i>	\$16 000	\$4 000	\$20 000

Administration*Salaries and Wages*

1. S. W. Olson, Medical Director.....			.....
(Salary under Medicine Administration)			
2. J. E. Millizen, Administrator.....	DY	\$ 10 000	
3. M. C. Benford, Associate Medical Director.....			.....
(Salary under Clinics)			
4. G. D. Kaiser, Assistant Medical Director.....	DY ²⁰	1 950	
(See Surgery).....	DY ⁷⁰	(5 300)	
(Total Salary).....		(7 250)	
5. Part-time Administrative Resident.....	DY	1 500	
6. Nonacademic Salaries.....		39 685	
<i>Total, Salaries</i>		(53 135)	

Wages.....		4 600	
<i>Total, Salaries and Wages</i>		(57 735)	

Expense and Equipment

Expense.....		13 000	
Convention Travel.....		250	
Equipment.....		12 000	
Contingent.....		3 000	
Deduct Unused Portion ¹		-4 500	
<i>Total, Expense and Equipment</i>		(23 750)	
<i>Sub-total, Administration</i>		(81 485)	

Administration — INI*Salaries and Wages*

Wages (Four Information Clerks).....		11 280	
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Expense and Equipment

Expense.....		390	
<i>Sub-total, Administration—INI</i>		(11 670)	
<i>Total, Administration</i>		\$ 93 155	

Admissions*Salaries and Wages*

1. M. C. Benford, Director of Admissions.....			.....
(Salary under Clinics)			
2. Nonacademic Salaries.....		\$ 24 270	
Wages.....		2 600	
<i>Total, Salaries and Wages</i>		(26 870)	

Expense and Equipment

Expense.....		1 700	
Equipment.....		500	
Deduct Unused Portion.....		-700	
<i>Total, Expense and Equipment</i>		(1 500)	
<i>Total, Admissions</i>		\$ 28 370	

Central Formula Room

(Under the Director of Nursing)

Salaries and Wages

1. Nonacademic Salaries.....		\$ 3 240	
Wages.....		3 600	
Deduct Unused Portion.....		-2 700	
<i>Total, Wages</i>		(900)	
<i>Total, Salaries and Wages</i>		(4 140)	

¹ Deduct items shown throughout the Research and Educational Hospitals budget are savings due to the delayed opening of the hospital addition.

Expense and Equipment

Expense.....	500
<i>Total, Central Formula Room.....</i>	<u>\$ 4 640</u>

Central Supply

(Under the Director of Nursing)

<i>Salaries and Wages</i>	
1. Nonacademic Salaries.....	\$ 16 212
Wages.....	19 797
Deduct Unused Portion.....	-8 100
<i>Total, Wages.....</i>	<u>(11 697)</u>
<i>Total, Salaries and Wages.....</i>	<u>(27 909)</u>

Expense and Equipment

Expense.....	19 500
Equipment.....	2 000
Deduct Unused Portion.....	-2 538
<i>Total, Expense and Equipment.....</i>	<u>(18 962)</u>
<i>Sub-total, Central Supply.....</i>	<u>(46 871)</u>

Central Supply — INI

1. Nonacademic Salaries.....	6 948
Wages (Four Nurses' Aides).....	8 448
<i>Total, Salaries and Wages.....</i>	<u>(15 396)</u>

Expense and Equipment

Expense.....	2 195
<i>Sub-total, Central Supply—INI.....</i>	<u>(17 591)</u>
<i>Total, Central Supply.....</i>	<u>\$ 64 462</u>

Clinics*Salaries and Wages*

1. M. C. Benford, Director of Clinics, Associate Medical Director, Director of Admissions and Instructor in Ophthalmology.....	DY67	\$ 6 600
2. Mrs. Ann L. Laird, Director of Nursing.....		.....
(Salary under Nursing)		
3. Retta E. Boyd, Assistant Director of Clinics in Charge of Neuropsychiatric Clinic.....	DY	4 860
4. D. P. Slaughter, Director of Tumor Clinic.....		.....
(Salary under Medicine-Surgery and Radiology)		
5. Nonacademic Salaries.....		136 727
<i>Total, Salaries.....</i>		<u>(148 187)</u>
Wages.....		5 800
Deduct Unused Portion.....		-1 350
<i>Total, Wages.....</i>		<u>(4 450)</u>
<i>Total, Salaries and Wages.....</i>		<u>(152 637)</u>

Expense and Equipment

Expense.....	19 600
Equipment.....	3 000
Deduct Unused Portion.....	-5 250
<i>Total, Expense and Equipment.....</i>	<u>(17 350)</u>
<i>Sub-total, Clinics.....</i>	<u>(169 987)</u>

Clinics — INI

1. Nonacademic Salaries.....	3 180
<i>Sub-total, Clinics—INI.....</i>	<u>(3 180)</u>
<i>Total, Clinics.....</i>	<u>\$173 167</u>

Dietary*Salaries and Wages*

1. Nonacademic Salaries.....	\$ 53 180
Wages (includes 1 Chef, 10 Cooks, 2 Bakers, 1 Butcher, 2 Storekeepers, 4 Kitchen Laborers, 20 Senior Kitchen Helpers, 75 Kitchen Helpers, 3 Checkers: holidays and overtime \$12,600).....	252 774

Deduct Unused Portion.....	-64 976
<i>Total, Wages</i>	(187 798)
<i>Total, Salaries and Wages</i>	(240 978)
<i>Expense and Equipment</i>	
General Departmental Expense.....	282 000
Convention Travel.....	200
Equipment.....	5 000
Deduct Unused Portion.....	-93 750
<i>Total, Expense and Equipment</i>	(193 450)
<i>Sub-total, Dietary</i>	(434 428)
Dietary — INI	
Wages.....	22 500
<i>Expense and Equipment</i>	
Expense.....	68 500
<i>Sub-total, Dietary—INI</i>	(91 000)
<i>Total, Dietary</i>	\$525 428

Emergency Service*Salaries and Wages* (Under the Director of Nursing)

1. Nonacademic Salaries.....	\$ 3 752
Wages.....	9 600
Deduct Unused Portion.....	-7 500
<i>Total, Wages</i>	(2 100)
<i>Total, Salaries and Wages</i>	(5 852)
<i>Expense and Equipment</i>	
Expense.....	3 600
Deduct Unused Portion.....	-2 700
<i>Total, Expense and Equipment</i>	(900)
<i>Total, Emergency Service</i>	\$ 6 752

House Staff*Salaries and Wages*

1. S. W. Olson, Medical Director.....	.....
(Salary under Medicine-Administration)	
Wages	
23 First-year Residents at \$720 ^{RB}	\$ 16 560
29 Second-year Residents at \$960 ^{RB}	27 840
17 Third-year Residents at \$1,200 ^{RB}	20 400
1 Fourth-year Resident at \$1,500 ^{RB}	1 500
27 Interns at \$180 ^{RB}	4 860

Illinois Eye and Ear Infirmary

Wages	
11 First-year Residents at \$720 ^{RB}	7 920
13 Second-year Residents at \$960 ^{RB}	12 480
<i>Total, Wages</i>	(91 560)
<i>Expense and Equipment</i>	
Expense.....	51 500
Equipment.....	1 000
<i>Total, Expense and Equipment</i>	(52 500)
<i>Total, House Staff</i>	\$144 060

Laboratory*Salaries and Wages*

1. S. A. Levinson, Director and Professor of Pathology.....	AY	\$ 12 000
2. J. B. Fuller, Assistant Director.....	DY60	4 200
(See Medicine Pathology).....	DY40	(2 800)
<i>(Total Salary)</i>		(7 000)
3. Nonacademic Salaries.....		100 222
<i>Total, Salaries</i>		(116 422)
Wages.....		24 950

Deduct Unused Portion	-3 450
<i>Total, Wages</i>	(21 500)
<i>Total, Salaries and Wages</i>	(137 922)
<i>Expense and Equipment</i>	
Expense	27 100
Deduct Unused Portion	-5 000
Equipment	2 000
<i>Total, Expense and Equipment</i>	(24 100)
<i>Total, Laboratory</i>	\$162 022

Linen Service

<i>Salaries and Wages</i> (Under the Assistant Administrator)	
1. Nonacademic Salaries	\$ 14 490
Wages	1 500
<i>Total, Salaries and Wages</i>	(15 990)
<i>Expense and Equipment</i>	
Expense	99 000
Equipment	500
Deduct Unused Portion	-26 000
<i>Total, Expense and Equipment</i>	(73 500)
<i>Sub-total, Linen Service</i>	(89 490)

Linen Service — INI

Wages (One Linen Room Attendant)	2 400
<i>Expense and Equipment</i>	
Expense	15 195
<i>Sub-total, Linen Service—INI</i>	(17 595)
<i>Total, Linen Service</i>	\$107 085

Medical Record Library

<i>Salaries and Wages</i>	
1. Nonacademic Salaries	\$ 57 621
Wages	4 450
<i>Total, Salaries and Wages</i>	(62 071)
<i>Expense and Equipment</i>	
Expense	7 900
Convention Travel	200
Equipment	1 250
Deduct Unused Portion	-1 500
<i>Total, Expense and Equipment</i>	(7 850)
<i>Total, Medical Record Library</i>	\$ 69 921

Nursing

<i>Salaries and Wages</i>	
1. Mrs. Ann L. Laird, Director of Nursing	DY \$ 7 140 ^{RM}
2. Nonacademic Salaries	564 972
<i>Total, Salaries</i>	(572 112)
Wages	318 702
Deduct Unused Portion	-105 750
<i>Total, Wages</i>	(212 952)
<i>Total, Salaries and Wages</i>	(785 064)
<i>Expense and Equipment</i>	
Expense	20 200
Housing of Nurses at Cook County Nurses' Residence	2 520
Equipment	1 000
Deduct Unused Portion	-8 250
<i>Total, Expense and Equipment</i>	(15 470)
<i>Sub-total, Nursing</i>	(800 534)

Nursing — INI

1. Nonacademic Salaries	95 448
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Wages (including 1 Senior Nurses' Aide, 34 Nurses' Aides, 5 Orderlies, and Overtime).....	138 080
<i>Total, Salaries and Wages</i>	(233 528)
<i>Expense and Equipment</i>	
Expense.....	4 950
Equipment.....	500
Housing of Nurses at Cook County Nurses' Residence (five at \$420).....	2 100
<i>Total, Expense and Equipment</i>	(7 550)
<i>Sub-total, Nursing—INI</i>	(241 078)
<i>Total, Nursing</i>	\$1 041 612

Nurses' Residence

(Under the Director of Nursing)

<i>Salaries and Wages</i>	
1. Nonacademic Salaries.....	\$ 10 380
Wages.....	1 200
<i>Total, Salaries and Wages</i>	(11 580)
<i>Expense and Equipment</i>	
Expense.....	4 000
Equipment.....	1 000
<i>Total, Expense and Equipment</i>	(5 000)
<i>Total, Nurses' Residence</i>	\$ 16 580

Operating Room

<i>Salaries and Wages</i>	
1. W. H. Cole, Surgeon-in-Chief.....	.....
(Salary under Surgery)	
2. Mrs. Ann L. Laird, Director of Nursing.....	.....
(Salary under Nursing)	
3. Nonacademic Salaries.....	\$ 59 238
Wages.....	21 280
Deduct Unused Portion.....	-4 500
<i>Total, Wages</i>	(16 780)
<i>Total, Salaries and Wages</i>	(76 018)
<i>Expense and Equipment</i>	
Expense, General.....	38 000
Equipment, General.....	1 000
Deduct Unused Portion.....	-6 912
<i>Sub-total, Operating Room</i>	(32 088)
Anaesthesia Expense.....	9 500
Anaesthesia Equipment.....	500
Deduct Unused Portion.....	-3 000
<i>Sub-total, Anaesthesia</i>	(7 000)
<i>Total, Expense and Equipment</i>	(39 088)
<i>Sub-total, Operating Room</i>	(115 106)

Operating Room — INI

1. Nonacademic Salaries.....	9 612
Wages (including 1 Nurses' Aide and 1 Staff Nurse).....	5 004
<i>Total, Salaries and Wages</i>	(14 616)
<i>Expense and Equipment</i>	
Expense.....	1 195
<i>Total, Operating Room—INI</i>	(15 811)
<i>Total, Operating Room</i>	\$130 917

Orthopaedic Brace Shop

<i>Salaries and Wages</i>	
1. F. A. Chandler, Professor and Head of Department.....	.....
(Salary under Medicine—Orthopaedic Surgery)	
2. Nonacademic Salaries.....	\$ 5 610
Wages.....	600
<i>Total, Salaries and Wages</i>	(6 210)

Expense and Equipment

Expense.....	3 000
<i>Total, Orthopaedic Brace Shop.....</i>	<i>\$ 9 210</i>

Brace Shop Revolving (Entire budget from receipts)

1. Nonacademic Salaries.....	\$ 4 752
Wages.....	748
<i>Total, Salaries and Wages.....</i>	<i>(5 500)</i>

Expense and Equipment

Expense.....	1 000
<i>Total, Brace Shop Revolving.....</i>	<i>\$ 6 500</i>

Pathology*Salaries and Wages*

1. G. A. Bennett, Pathologist-in-Chief.....	.....
(Salary under Medicine—Pathology)	
2. C. A. Krakower, Associate Pathologist.....	.....
(Salary under Medicine—Pathology)	
3. ———, Associate Pathologist.....	.....
(Salary under Medicine—Pathology)	
4. E. W. Cauldwell, Assistant Pathologist.....	.....
(Salary under Medicine—Pathology)	
5. Elizabeth A. McGrew, Assistant Pathologist.....	BY75 \$ 5 250
(See Medicine—Pathology).....	BY25 (1 750)
(Total Salary).....	(7 000)
6. Nonacademic Salaries.....	24 955
<i>Total, Salaries.....</i>	<i>(30 205)</i>
Wages.....	2 600
<i>Total, Salaries and Wages.....</i>	<i>(32 805)</i>

Expense and Equipment

Expense.....	10 000
Equipment.....	2 000
Deduct Unused Portion.....	-3 750
<i>Total, Expense and Equipment.....</i>	<i>(8 250)</i>
<i>Total, Pathology.....</i>	<i>\$ 41 055</i>

Patient Drugs*Expense and Equipment*

Expense.....	\$ 96 000
Deduct Unused Portion.....	-27 000
<i>Total, Patient Drugs.....</i>	<i>\$ 69 000</i>

Physical Medicine and Rehabilitation*Salaries and Wages*

1. H. W. Kendell, Chief of Physical Medicine and Rehabilitation.....	.....
(Salary under Medicine—Physical Medicine and Rehabilitation)	
2. A. A. Rodriguez, Assistant Chief of Physical Medicine and Rehabilitation.....	.....
(Salary under Medicine—Physical Medicine and Rehabilitation)	
3. Nonacademic Salaries.....	\$ 47 832
Wages.....	3 450
Deduct Unused Portion.....	-1 275
<i>Total, Wages.....</i>	<i>(2 175)</i>
<i>Total, Salaries and Wages.....</i>	<i>(50 007)</i>

Expense and Equipment

Expense.....	3 700
Convention Travel.....	300
Equipment.....	2 500
Deduct Unused Portion.....	-750
<i>Total, Expense and Equipment.....</i>	<i>(5 750)</i>
<i>Total, Physical Medicine and Rehabilitation.....</i>	<i>\$ 55 757</i>

Radiology	
<i>Salaries and Wages</i>	
1. R. A. Harvey, Radiologist-in-Chief.....	.....
(Salary under Medicine—Radiology)	
2. Nonacademic Salaries.....	\$ 51 860
Wages.....	7 450
<i>Total, Salaries and Wages</i>	(59 310)
<i>Expense and Equipment</i>	
Expense.....	53 188
Equipment.....	2 000
Deduct Unused Portion.....	-7 500
<i>Total, Expense and Equipment</i>	(47 688)
<i>Total, Radiology</i>	\$106 998

Social Service	
<i>Salaries and Wages</i> (Under Associate Medical Director)	
1. Mrs. Virnelle C. Voss, Acting Supervisor of Social Service	
Case Work.....	.....
(Salary under School of Social Work)	
2. Nonacademic Salaries.....	\$ 15 024
<i>Total, Salaries</i>	(15 024)
Wages.....	450
<i>Total, Salaries and Wages</i>	(15 474)
<i>Expense and Equipment</i>	
Expense.....	1 100
Equipment.....	100
<i>Total, Expense and Equipment</i>	(1 200)
<i>Total, Social Service</i>	\$ 16 674

Ward Expense	
<i>Salaries and Wages</i> (Under the Assistant Administrator)	
1. Nonacademic Salaries.....	\$ 3 630
<i>Expense and Equipment</i>	
Expense.....	32 000
Deduct Unused Portion.....	-5 000
<i>Total, Expense and Equipment</i>	(27 000)
<i>Total, Ward Expense</i>	\$ 30 630

Blood Bank Revolving	
<i>Expense and Equipment</i> (Entire budget from receipts)	
Expense.....	\$ 25 000
<i>Total, Blood Bank Revolving</i>	\$ 25 000

LIBRARY	
(Under the direction of the Director of the University Library)	
<i>Salaries and Wages</i>	
1. Wilma Troxel, Librarian and Associate Professor of Library	
Science.....	BY \$ 6 600
2. Metta M. Loomis, Librarian, <i>Emerita</i> (From Retiring Al-	
lowances).....	(1 213)
3. Lorena Clarke, Catalog Librarian, with rank of Assistant	
Professor.....	DY 4 880
4. Margaret M. Bates, Assistant Librarian, with rank of In-	
structor.....	DY 4 800
5. Mrs. Dorothea M. Wheeler, Pharmacy Reference Librar-	
ian, with rank of Instructor.....	DY 4 400
6. Elsie Bergland, Circulation and Reference Librarian, with	
rank of Instructor.....	DY 4 400

7. Mary J. Campbell, Catalog Assistant	DY	3 850
8. Nonacademic Salaries		17 245
<i>Total, Salaries</i>		(46 175)
Wages		2 025
<i>Total, Salaries and Wages</i>		(48 200)
<i>Expense and Equipment</i>		
Expense		2 500
Equipment		1 500
Library Additions		20 000
<i>Total, Expense and Equipment</i>		(24 000)
<i>Total, Library</i>		\$ 72 200

PHYSICAL PLANT

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Operation and Maintenance</i>			
Administration	\$62 196	\$18 035	\$80 231
<i>Operation</i>			
Building Operation	362 918	30 722	393 640
Police and Watchmen	56 068	5 523	61 591
<i>Total, Operation</i>	(418 986)	(36 245)	(455 231)
<i>Maintenance</i>			
Building Maintenance	186 463	53 049	239 512
Grounds	25 023	2 764	27 787
<i>Total, Maintenance</i>	(211 486)	(55 813)	(267 299)
<i>Utilities</i>			
Heat, Light, and Power	137 173	768 007	905 180
<i>Total, Operation and Maintenance</i>	(829 841)	(878 100)	(1 707 941)
<i>Special Items</i>			
Chicago Illini Union Building ¹		29 846	29 846
Medical and Dental College Building		78 000	78 000
<i>Total, Special Items</i>		(107 846)	(107 846)
<i>Illinois Neuropsychiatric Institute</i>			
Building Operation	85 715	4 625	90 340
Police and Watchmen	3 934		3 934
Building Maintenance	29 219	4 583	33 802
Grounds Maintenance	2 459	267	2 726
Heat, Light, and Power	7 878	35 570	43 448
<i>Total, INI</i>	(129 205)	(45 045)	(174 250)
<i>Sub-total, Physical Plant</i>	(959 046)	(1 030 991)	(1 990 037)
<i>Auxiliary Enterprises</i>			
Chicago Illini Union (Trust)			
General Building	14 574	14 652	29 226
Food Service	77 120	107 702	184 822
<i>Total, Auxiliary Enterprises</i>	(91 694)	(122 354)	(214 048)
<i>Total, Physical Plant</i>	\$1 050 740	\$1 153 345	\$2 204 085

Administration

(Under the direction of the Director of the Physical Plant)

<i>Salaries and Wages</i>		
1. H. W. Pearce, Superintendent of Buildings and Grounds	DY	\$ 9 700
2. Nonacademic Salaries		51 396
<i>Total, Salaries</i>		(61 096)
Wages		1 100
<i>Total, Salaries and Wages</i>		(62 196)

¹ Included also in estimated expenditures for the Chicago Illini Union.

Expense and Equipment

Expense	16 275
Convention Travel	150
Equipment	1 610
<i>Total, Expense and Equipment</i>	(18 035)
<i>Total, Administration</i>	\$ 80 231

Building Operation

<i>Salaries and Wages</i>	
1. Nonacademic Salaries	\$ 14 550
Wages	348 368
<i>Total, Salaries and Wages</i>	(362 918)
<i>Expense and Equipment</i>	
Expense	28 401
Equipment	2 321
<i>Total, Expense and Equipment</i>	(30 722)
<i>Sub-total, Building Operation</i>	(393 640)

BUILDING OPERATION—INI

<i>Salaries and Wages</i>	
Wages	85 715
<i>Expense and Equipment</i>	
Expense	4 625
<i>Sub-total, Building Operation—INI</i>	(90 340)
<i>Total, Building Operation</i>	\$483 980

Police and Watchmen

<i>Salaries and Wages</i>	
1. Nonacademic Salaries	\$ 15 162
Wages	40 906
<i>Total, Salaries and Wages</i>	(56 068)
<i>Expense and Equipment</i>	
Expense	4 788
Equipment	735
<i>Total, Expense and Equipment</i>	(5 523)
<i>Sub-total, Police and Watchmen</i>	(61 591)

POLICE AND WATCHMEN—INI

<i>Salaries and Wages</i>	
Wages	3 934
<i>Sub-total, Police and Watchmen—INI</i>	(3 934)
<i>Total, Police and Watchmen</i>	\$ 65 525

Building Maintenance

<i>Salaries and Wages</i>	
1. Nonacademic Salaries	\$ 26 490
Wages, General	101 973
Wages, Renewals and Replacements	58 000
<i>Total, Wages</i>	(159 973)
<i>Total, Salaries and Wages</i>	(186 463)
<i>Expense and Equipment</i>	
Expense	16 867
Renewals and Replacements	34 579
Equipment	1 603
<i>Total, Expense and Equipment</i>	(53 049)
<i>Sub-total, Building Maintenance</i>	(239 512)

BUILDING MAINTENANCE—INI

<i>Salaries and Wages</i>	
Wages, General	15 459
Wages, Renewals and Replacements	13 760
<i>Total, Wages</i>	(29 219)

Expense and Equipment

Expense.....	2 343
Renewals and Replacements.....	2 240
<i>Total, Expense and Equipment.....</i>	<i>(4 583)</i>
<i>Sub-total, Building Maintenance—INI.....</i>	<i>(33 802)</i>
<i>Total, Building Maintenance.....</i>	<i>\$273 314</i>

Grounds Maintenance

<i>Salaries and Wages</i>	
Wages.....	\$ 25 023
<i>Expense and Equipment</i>	
Expense.....	2 709
Equipment.....	55
<i>Total, Expense and Equipment.....</i>	<i>(2 764)</i>
<i>Sub-total, Grounds Maintenance.....</i>	<i>(27 787)</i>

GROUND MAINTENANCE—INI

<i>Salaries and Wages</i>	
Wages.....	2 459
<i>Expense and Equipment</i>	
Expense.....	267
<i>Sub-total, Grounds Maintenance—INI.....</i>	<i>(2 726)</i>
<i>Total, Grounds Maintenance.....</i>	<i>\$ 30 513</i>

Heat, Light, and Power

<i>Salaries and Wages</i>	
1. Nonacademic Salaries.....	\$ 36 120
Wages.....	101 053
<i>Total, Salaries and Wages.....</i>	<i>(137 173)</i>
<i>Expense and Equipment</i>	
Expense.....	767 527
Equipment.....	480
<i>Total, Expense and Equipment.....</i>	<i>(768 007)</i>
<i>Sub-total, Heat, Light, and Power.....</i>	<i>(905 180)</i>

HEAT, LIGHT, AND POWER—INI

<i>Salaries and Wages</i>	
Wages.....	\$ 7 878
<i>Expense and Equipment</i>	
Expense.....	35 570
<i>Sub-total, Heat, Light, and Power—INI.....</i>	<i>(43 448)</i>
<i>Total, Heat, Light, and Power.....</i>	<i>\$948 628</i>

Special Items**Chicago Illini Union Building**

<i>Expense and Equipment</i>	
Faculty and Staff Service Charges.....	\$ 22 575
Food Service.....	7 271
<i>Total, Chicago Illini Union Building.....</i>	<i>\$ 29 846</i>

Debt Service

<i>Expense and Equipment</i>	
For Interest and Principal on Building Bond Issues.....	\$ 78 000
<i>Total, Debt Service.....</i>	<i>\$ 78 000</i>

Auxiliary Enterprises**Illini Union — General Building**

<i>Salaries and Wages</i>	
1. Nonacademic Salaries.....	\$ 9 624
Wages.....	4 950
<i>Total, Salaries and Wages.....</i>	<i>(14 574)</i>

Expense and Equipment

Expense.....	14 652
<i>Total, Illini Union—General Building.....</i>	<i>\$ 29 226</i>

Illini Union — Food Service

1. Nonacademic Salaries.....	\$ 8 514
Wages.....	68 606
<i>Total, Salaries and Wages.....</i>	<i>(77 120)</i>

Expense and Equipment

Expense.....	107 702
<i>Total, Illini Union—Food Service.....</i>	<i>\$184 822</i>

SCHOLARSHIPS, FELLOWSHIPS, AND PRIZES¹

Expendable Gifts and Endowment Funds	Salaries and Wages	Other Expense	Total
Endowment Income.....		\$ 5 000	\$ 5 000
Gifts.....		15 000	15 000
<i>Total, Trust Funds.....</i>		<i>\$20 000</i>	<i>\$20 000</i>

DIVISION OF SERVICES FOR CRIPPLED CHILDREN**Summary**

<i>Extension and Public Service</i>	Salaries and Wages	Other Expense	Total
State Funds.....	\$290 750	\$1 476 650	\$1 767 400
Federal Funds.....	186 100	221 500	407 600
<i>Total, Division of Services for Crippled Children.....</i>	<i>\$476 850</i>	<i>\$1 698 150</i>	<i>\$2 175 000</i>

State*Salaries and Wages*

1. H. R. Kobes, Director.....	BY }	\$ 11 820
Clinical Associate Professor of Pediatrics.....	AY }	
2. Nonacademic Salaries.....		278 760
<i>Total, Salaries.....</i>		<i>(290 580)</i>
Wages.....		170
<i>Total, Salaries and Wages.....</i>		<i>(290 750)</i>

Expense and Equipment

Expense.....	1 461 150
Equipment.....	5 500
Travel.....	10 000
<i>Total, Expense and Equipment.....</i>	<i>(1 476 650)</i>
<i>Total, Division of Services for Crippled Children (State)...</i>	<i>\$1 767 400</i>

Federal*Salaries and Wages*

1. H. R. Kobes, Director.....	BY	.....
(Salary under State Funds)		
2. Edward Press, Associate Director.....	BY	9 720
CLEFT PALATE TRAINING PROGRAM		
3. Herbert Koepp Baker, Director.....	DY75	8 100
(See Otolaryngology).....	AY25	(3 000)
(Total Salary).....		(11 100)
4. Henry Glupker, Prosthodontist; Associate Professor of Full and Removable Partial Dentures.....	DY25	2 700
5. R. M. Ricketts, Orthodontist.....	DY55	2 700
(See Orthodontics).....	DY45	(2 500)
(Total Salary).....		(5 200)

¹ See also Fellowships under Graduate College.

6. Emanuel Skolnik, Otolaryngologist.....	DY40	2 000
(See Otolaryngology).....	DY50	(2 400)
(Total Salary).....		(4 400)
7. E. F. Lis, Pediatrician.....	DY60	3 000
(See Pediatrics).....	DY40	(2 010)
(Total Salary).....		(5 010)
8. _____, Pedodontist.....	DY50	2 500
9. _____, Maxillofacial Surgeon.....	DY50	3 000
10. Alice E. Arthur, Medical Illustrator.....	DY50	1 950
11. Nonacademic Salaries.....		149 930
<i>Total, Salaries</i>		(185 600)
Wages.....		500
<i>Total, Salaries and Wages</i>		(186 100)
<i>Expense and Equipment</i>		
Expense, General.....		156 500
Expense, Epilepsy Program (assigned to College of Medicine)..		25 000
Travel.....		25 000
Equipment.....		15 000
<i>Total, Expense and Equipment</i>		(221 500)
<i>Total, Division of Services for Crippled Children (Federal)</i>		\$407 600

CHICAGO UNDERGRADUATE DIVISION
SUMMARY OF BUDGET APPROPRIATIONS

	<i>From General Income</i>	<i>From Restricted Income</i>	<i>Total</i>
<i>Educational and General</i>			
Administration and General			
General Administrative Offices.....	\$180 170	.....	\$180 170
General Student Service.....	158 657	.....	158 657
General University Service.....	19 230	.....	19 230
<i>Total, Administration and General</i>	(358 057)	.....	(358 057)
<i>Instruction and Departmental Research</i>			
Liberal Arts and Sciences.....	701 095	.....	701 095
Engineering.....	297 805	.....	297 805
Commerce and Business Administration....	119 498	.....	119 498
Physical Education.....	99 070	.....	99 070
Summer Session.....	90 189	.....	90 189
Armed Forces.....	10 800	.....	10 800
Division of Special Services for War Veterans	4 010	.....	4 010
<i>Sub-total, Instruction and Departmental Research</i>	(1 322 467)	.....	(1 322 467)
Libraries.....	119 210	.....	119 210
Physical Plant.....	802 762	.....	802 762
U. S. Government Contracts.....	.....	6 000	6 000
<i>Total, Educational and General</i>	(2 602 496)	(6 000)	(2 608 496)
<i>Auxiliary Enterprises</i>.....	.....	541 322	541 322
<i>Student Aid and Miscellaneous Operations</i>			
Veterans' Books and Supplies.....	.....	10 000	10 000
<i>Total, Appropriations</i>	\$2 602 496	\$557 322	\$3 159 818

COMPARATIVE SUMMARY OF BUDGET APPROPRIATIONS

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Educational and General</i>			
Administration and General			
General Administrative Offices.....	\$146 835	\$33 335	\$180 170
General Student Service.....	146 257	12 400	158 657
General University Service.....	15 230	4 000	19 230
<i>Total, Administration and General</i>	(308 322)	(49 735)	(358 057)
<i>Instruction and Departmental Research</i>			
Liberal Arts and Sciences.....	649 395	51 700	701 095
Engineering.....	270 955	26 850	297 805
Commerce and Business Administration....	116 798	2 700	119 498
Physical Education.....	84 070	15 000	99 070
Summer Session.....	90 189	.....	90 189
Armed Forces.....	8 000	2 800	10 800
Division of Special Services for War Veterans	3 710	300	4 010
<i>Total, Instruction and Departmental Re- search</i>	(1 223 117)	(99 350)	(1 322 467)
Libraries.....	81 260	37 950	119 210
Physical Plant.....	496 332	306 430	802 762
United States Government Contracts.....	.....	6 000	6 000
<i>Total, Educational and General</i>	(2 109 031)	(499 465)	(2 608 496)
<i>Auxiliary Enterprises</i>	139 667	401 655	541 322
<i>Student Aid and Miscellaneous Operations</i>			
Veterans' Books and Supplies.....	.....	10 000	10 000
<i>Total, Appropriations</i>	\$2 248 698	\$911 120	\$3 159 818 ¹

¹ Sources of funds: General Income, \$2,602,496; Restricted Income, \$590,661; total, \$3,159,818.

GENERAL ADMINISTRATIVE OFFICES, DEPARTMENTS, AND EXPENSE

Summary

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>General Administrative Offices</i>			
Dean's Office.....	\$26 740	\$6 700	\$33 440
Business Office.....	39 690	7 000	46 690
Admissions and Records.....	70 105	17 655	87 760
Nonacademic Personnel.....	10 300	1 980	12 280
<i>Total, General Administrative Offices.....</i>	<i>(146 835)</i>	<i>(33 335)</i>	<i>(180 170)</i>
<i>General Student Service</i>			
Dean of Students.....	29 560	2 650	32 210
Health Service.....	39 580	3 850	43 430
Student Counseling Bureau.....	77 117	5 900	86 017
<i>Total, General Student Service.....</i>	<i>(146 257)</i>	<i>(12 400)</i>	<i>(158 657)</i>
<i>General University Service</i>			
Division of Communications			
Public Information.....	15 230	4 000	19 230
<i>Total, General University Service.....</i>	<i>(15 230)</i>	<i>(4 000)</i>	<i>(19 230)</i>
<i>Auxiliary Enterprises</i>			
University Bookstore.....	35 860	165 500	201 360
Student Activities.....		17 000	17 000
Student Hospital and Medical Services.....		50 100	50 100
Staff Hospital and Medical Insurance.....		10 500	10 500
<i>Total, Auxiliary Enterprises.....</i>	<i>(35 860)</i>	<i>(243 100)</i>	<i>(278 960)</i>
<i>Total, General Administrative Offices, De- partments, and Expense.....</i>	<i>\$344 182</i>	<i>\$292 835</i>	<i>\$637 017</i>
<i>Indirect Costs Recovered</i>			
Administration and General.....		\$6 000	\$6 000
<i>Total, Trust Funds.....</i>		<i>\$6 000</i>	<i>\$6 000</i>

Office of the Dean

<i>Salaries and Wages</i>			
1. C. C. Caveny, Dean.....	DY	}	\$ 12 360
With rank of Professor.....	AY		
2. H. N. Cooley, Assistant to the Dean.....	DY		7 150
3. Nonacademic Salaries.....			6 990
<i>Total, Salaries.....</i>			<i>(26 500)</i>
Wages.....			240
<i>Total, Salaries and Wages.....</i>			<i>(26 740)</i>
<i>Expense and Equipment</i>			
Expense.....			4 000
Convention Travel.....			200
Equipment.....			500
Contingent.....			2 000
<i>Total, Expense and Equipment.....</i>			<i>(6 700)</i>
<i>Total, Office of the Dean.....</i>			<i>\$ 33 440</i>

Student Counseling Bureau

<i>Salaries and Wages</i>			
1. P. C. Greene, Director.....	BY	}	\$ 7 850
Associate Professor of Psychology.....	AY		
2. W. F. Thomas, Associate Director and Assistant Professor of Psychology.....	BY		7 150
3. J. R. Barry, Counselor and Assistant Professor of Psychol- ogy.....	BY		6 100
4. W. E. Dutton, Counselor and Assistant Professor of Psy- chology.....	BY		5 950
5. L. M. DeRidder, Counselor and Assistant Professor of Psychology.....	BY		5 700
6. Dorothy B. Harford, Associate Counselor and Instructor in Psychology.....	DY		4 400

7. Nancy A. Sutter, Assistant Counselor and Instructor in Psychology.....	DY	4 150
8. J. W. Creaser, Psychometrist and Assistant Counselor.....	DY	4 150
9. Carol J. Vande Bunt, Personnel Technician.....	DY	3 300
10. Samuel Fox, Staff Counselor.....	D25	1 537
(See Commerce and Business Administration).....	B75	(4 613)
(Total Salary).....		(6 150)
11. Ogden Livermore, Staff Counselor.....	D25	1 350
(See Physics).....	D75	(4 050)
(Total Salary).....		(5 400)
12. A. F. Silkett, Staff Counselor.....	D25	1 300
(See Physics).....	D75	(3 900)
(Total Salary).....		(5 200)
13. G. J. Zanotti, Staff Counselor.....	D25	1 275
(See General Engineering Drawing).....	D75	(3 825)
(Total Salary).....		(5 100)
14. Gleah D. Brown, Staff Counselor.....	D25	1 225
(See Humanities).....	D75	(3 675)
(Total Salary).....		(4 900)
15. W. C. Jackman, Staff Counselor.....	D25	1 225
(See Humanities).....	D75	(3 675)
(Total Salary).....		(4 900)
16. F. L. Koranda, Staff Counselor.....	D25	1 140
(See Physical Sciences).....	D75	(3 410)
(Total Salary).....		(4 550)
17. I. K. Feinstein, Staff Counselor.....	D25	1 140
(See Mathematics).....	D75	(3 410)
(Total Salary).....		(4 550)
18. E. W. Berg, Staff Counselor.....	D25	1 125
(See Commerce and Business Administration).....	D75	(3 375)
(Total Salary).....		(4 500)
19. C. M. Larson, Staff Counselor.....	D25	1 100
(See Commerce and Business Administration).....	D75	(3 300)
(Total Salary).....		(4 400)
20. Mrs. Martha H. Mackin, Staff Counselor.....	D25	1 000
(See Physical Sciences).....	D75	(3 000)
(Total Salary).....		(4 000)
21. P. E. Siegle, Staff Counselor.....	D25	1 030
(See Social Sciences).....	D50	(2 070)
(Total Salary).....		(3 100)
22. Nonacademic Salaries.....		12 120
<i>Total, Salaries</i>		(75 317)
Wages.....		1 800
<i>Total, Salaries and Wages</i>		(77 117)
<i>Expense and Equipment</i>		
Expense.....		5 000
Convention Travel.....		300
Equipment.....		600
<i>Total, Expense and Equipment</i>		(5 900)
<i>Total, Student Counseling Bureau</i>		\$ 83 017

Business Office

(Under the direction of the Comptroller of the University)

Salaries and Wages

1. H. A. Hazleton, Business Manager of the Chicago Colleges and Divisions.....		.....
(Salary under Business Office Professional Colleges).....		
2. Nonacademic Salaries.....		\$ 36 240
Wages.....		3 600
<i>Total, Salaries and Wages</i>		(39 840)

Expense and Equipment

Expense.....	6 000
Expense (from Veterans Equipment Procurement).....	(2 500)
Equipment.....	1 000
<i>Total, Expense and Equipment</i>	(7 000)
<i>Total, Business Office</i>	\$ 46 840

University Bookstore (Entire budget from receipts)*Salaries and Wages*

1. Nonacademic Salaries.....	\$ 31 860
2. Wages.....	4 000
<i>Total, Salaries and Wages</i>	(35 860)

Expense and Equipment

Expense.....	165 000
Equipment.....	500
<i>Total, Expense and Equipment</i>	(165 500)
<i>Total, Bookstore</i>	\$201 360

Office of Admissions and Records*Salaries and Wages*

1. H. E. Temmer, Examiner and Recorder.....	DY \$ 7 800
2. Nonacademic Salaries.....	52 530
<i>Total, Salaries</i>	(60 330)

Wages.....	9 775
<i>Total, Salaries and Wages</i>	(70 105)

Expense and Equipment

Expense.....	17 455
Equipment.....	200
<i>Total, Expense and Equipment</i>	(17 655)
<i>Total, Office of Admissions and Records</i>	\$ 87 760

Nonacademic Personnel

(Under the direction of the Director of Nonacademic Personnel)

Salaries and Wages

1. Nonacademic Salaries.....	\$ 9 830
Wages.....	470
<i>Total, Salaries and Wages</i>	(10 300)

Expense and Equipment

Expense.....	1 880
Convention Travel.....	100
<i>Total, Expense and Equipment</i>	(1 980)
<i>Total, Nonacademic Personnel</i>	\$ 12 280

Dean of Students

(Under the direction of the Dean of Students of the University)

Salaries and Wages

1. E. A. Wolleson, Dean of Students.....	DY \$ 8 600
2. W. O. Brown, Dean of Men.....	DY90 6 300
(See Division of Special Services for War Veterans)...	DY10 (1 000)
(Total Salary).....	(7 300)
3. Ann Bromley, Dean of Women.....	BY 5 500
4. Nonacademic Salaries.....	8 160
<i>Total, Salaries</i>	(28 560)
Wages.....	1 000
<i>Total, Salaries and Wages</i>	(29 560)

Expense and Equipment

Expense.....	2 400
Convention Travel.....	250
<i>Total, Expense and Equipment</i>	(2 650)
<i>Total, Dean of Students</i>	\$ 32 210

Health Service*Salaries and Wages*

1. E. B. Erskine, Director of Health Service.....	DY	\$ 9 800
Professor of Hygiene.....	AY	
2. T. L. Grisamore, Medical Adviser for Men and Assistant Professor of Hygiene.....	DY67	5 130
3. Gloria L. Hilker, Medical Adviser for Women and Assistant Professor of Hygiene.....	DY50	4 050
4. Helen M. Kostka, Medical Adviser for Women and Assistant Professor of Hygiene.....	DY50	4 050
5. Paul Gottardo, Jr., Medical Adviser for Men and Assistant Professor of Hygiene.....	DY50	4 050
6. 50 Part-time Assistants.....	E	1 890
7. Nonacademic Salaries.....		9 510
<i>Total, Salaries</i>		(38 480)
<i>Wages</i>		1 100
<i>Total, Salaries and Wages</i>		(39 580)

Expense and Equipment

Expense.....	2 800
Convention Travel.....	250
Equipment.....	800
<i>Total, Expense and Equipment</i>	(3 850)
<i>Total, Health Service</i>	\$ 43 430

Student Activities (Entire budget from Student Activities Fees)*Expense and Equipment*

Expense.....	\$ 17 000
<i>Total, Student Activities</i>	\$ 17 000

Student Hospital and Medical Services (Entire budget of this auxiliary activity from student service charge and reimbursement of claims by insurance company)*Expense and Equipment*

Administrative Expense.....	\$ 800
Premiums.....	36 000
Payments to Hospitals and Physicians.....	800
Payment of Claims to Individuals.....	12 500
<i>Total, Student Hospital and Medical Services</i>	\$ 50 100

Staff Hospital and Medical Insurance (Entire budget from receipts)*Expense and Equipment*

Administrative Expense.....	\$ 500
Premiums.....	5 000
Payments to Hospitals and Physicians.....	1 000
Payments of Claims to Individuals.....	4 000
<i>Total, Staff Hospital and Medical Insurance</i>	\$ 10 500

Public Information Division of Communications*Salaries and Wages*

1. P. L. Smithers, Manager, Public Information.....	DY	\$ 5 000
2. Nonacademic Salaries.....		9 420
<i>Total, Salaries</i>		(14 420)
<i>Wages</i>		810
<i>Total, Salaries and Wages</i>		(15 230)

Expense and Equipment

Expense.....	3 500
Equipment.....	500
<i>Total, Expense and Equipment</i>	(4 000)
<i>Total, Public Information</i>	\$ 19 230

LIBERAL ARTS AND SCIENCES

	Summary	Salaries and Wages	Other Expense	Total
Administration.....		\$25 320	\$ 3 050	\$ 28 370
Biological Sciences.....		65 010	12 375	77 385
Humanities.....		239 110	3 425	242 535
Mathematics.....		97 480	1 400	98 880
Physical Sciences.....		121 605	28 750	150 355
Social Sciences.....		100 870	2 700	103 570
<i>Total, Liberal Arts and Sciences.....</i>		<i>\$649 395</i>	<i>\$51 700</i>	<i>\$701 095</i>

Administration			
1. H. W. Bailey, Associate Dean.....	DY }		
Professor of Mathematics.....	AY }	\$ 10 250	
2. A. D. Pickett, Assistant Dean.....	DY50	3 280	
(See Biological Sciences).....	B50	(2 820)	
(Total Salary).....		(6 100)	
3. A. J. Hartoch, Assistant to the Dean.....	D50	2 400	
4. Nonacademic Salaries.....		8 490	
<i>Total, Salaries.....</i>		<i>(24 420)</i>	
Wages.....		900	
<i>Total, Salaries and Wages.....</i>		<i>(25 320)</i>	
<i>Expense and Equipment</i>			
Expense.....		2 200	
Convention Travel.....		100	
Equipment.....		750	
<i>Total, Expense and Equipment.....</i>		<i>(3 050)</i>	
<i>Total, Administration.....</i>		<i>\$ 28 370</i>	

Biological Sciences			
1. D. L. Hopkins, Professor and Chairman of the Division..	A	\$ 7 600	
2. A. D. Pickett, Assistant Professor.....	B50	2 820	
(See Administration).....	DY50	(3 280)	
(Total Salary).....		(6 100)	
3. William Sangster, Assistant Professor.....	B	5 650	
4. _____, Assistant Professor.....	B	5 400	
5. K. M. Madison, Assistant Professor.....	B	5 100	
6. A. S. Rouffa, Assistant Professor.....	B	4 950	
7. E. B. Little, Instructor.....	D	4 900	
8. Mrs. Jane S. Grubgeld, Instructor.....	D	4 400	
9. Halina J. Presley, Instructor.....	D	4 400	
10. M. C. Shank, Instructor.....	D	4 200	
11. Mrs. Rita Faughnan, Instructor.....	D	4 000	
12. Kathleen J. Thom, Instructor.....	D	3 570	
13. Mrs. Mary T. Graham, Instructor.....	D50	1 750	
14. Nonacademic Salaries.....		5 970	
<i>Total, Salaries.....</i>		<i>(64 710)</i>	
Wages.....		300	
<i>Total, Salaries and Wages.....</i>		<i>(65 010)</i>	
<i>Expense and Equipment</i>			
Expense.....		10 000	
Convention Travel.....		375	
Equipment.....		2 000	
<i>Total, Expense and Equipment.....</i>		<i>(12 375)</i>	
<i>Total, Biological Sciences.....</i>		<i>\$ 77 385</i>	

Humanities			
1. E. B. Vest, Associate Professor of English and Acting Chairman of Division.....	A	\$ 7 600	
2. E. C. Van Keuren, Associate Professor of English.....	A	7 650	

3. W. N. Thompson, Associate Professor of Speech.....	A	6 250
4. W. M. Schuyler, Assistant Professor of Foreign Languages ..	B	6 150
5. Mrs. Hazel C. Vardaman, Assistant Professor of Foreign Languages.....	B	6 150
6. Jose Sanchez, Assistant Professor of Foreign Languages....	B	5 650
7. Mrs. Anna W. Kenny, Assistant Professor of English.....	B	5 400
8. E. S. Willner, Assistant Professor of Foreign Languages..	B	5 400
9. Benjamin Lease, Assistant Professor of English.....	B	5 400
10. J. B. Fuller, Assistant Professor of Foreign Languages....	B	5 200
11. Marie E. Lein, Assistant Professor of Foreign Languages..	B	5 200
12. Helen J. Hovde, Instructor in Speech.....	D	4 900
13. Sara C. Niederman, Instructor in English.....	D	4 900
14. Mrs. Beatrice S. Timmis, Instructor in English.....	D	4 900
15. Mrs. Willie N. Love, Instructor in English.....	D	4 900
16. Mrs. Marion S. Kerwick, Instructor in English.....	D	4 900
17. L. W. Bloom, Instructor in Speech.....	D	4 900
18. W. C. Jackman, Instructor in English.....	D75	3 675
(See Student Counseling Bureau).....	D25	(1 225)
(Total Salary).....		(4 900)
19. Gleah D. Brown, Instructor in English.....	D75	3 675
(See Student Counseling Bureau).....	D25	(1 225)
(Total Salary).....		(4 900)
20. Mrs. Janice M. Crews, Instructor in Speech.....	D50	2 450
21. Mrs. Margaret H. Oleksy, Instructor in English.....	D50	2 450
22. Mrs. Lucy S. Hegie, Instructor in English.....	D50	2 450
23. Cecilia M. Rudin, Instructor in English.....	D50	2 450
24. F. S. Johnson, Instructor in English.....	D	4 860
25. C. A. Pitt, Instructor in Speech.....	D	4 860
26. Mrs. Elizabeth Teichmann, Instructor in Foreign Languages.....	D	4 860
27. Mrs. Martha Q. Denny, Instructor in Speech.....	D	4 650
28. Mrs. Elizabeth V. Wright, Instructor in English.....	D	4 650
29. H. G. Marten, Instructor in English.....	D	4 550
30. Laurette A. Kirstein, Instructor in English.....	D	4 530
31. Mildred J. Richey, Instructor in English.....	D	4 530
32. Harriet E. Cowles, Instructor in Foreign Languages.....	D	4 450
33. Agnes M. Donohue, Instructor in English.....	D50	2 220
34. Sylvia Pinsky, Instructor in Foreign Languages.....	D	4 450
35. Kathryn H. Quinlan, Instructor in English.....	D	4 450
36. Blanche B. McGuire, Instructor in English.....	D	4 450
37. Charlotte M. Munzer, Instructor in English.....	D	4 450
38. Mrs. Ferdina J. Tort, Instructor in Foreign Languages....	D75	3 250
39. Mrs. Marion C. Lenihan, Instructor in Foreign Languages ..	D50	2 200
40. J. O. Marsh, Jr., Instructor in Foreign Languages.....	D	4 200
41. Mrs. Ilse E. Neumann, Instructor in Foreign Languages..	D	4 150
42. Joan E. Byam, Instructor in English.....	D	4 150
43. Louis Broussard, Instructor in English.....	D	4 150
44. Mrs. Johanna Braunfeld, Instructor in Foreign Languages ..	D	4 150
45. Mrs. Susanne O. Conners, Instructor in English.....	D	4 100
46. R. L. S. Cassell, Instructor in English.....	D	4 100
47. Mrs. Frances M. Goulson, Instructor in Speech.....	D50	2 000
48. Mrs. Clara S. Skogen, Instructor in Foreign Languages....	D	4 000
49. Maurita F. Willett, Instructor in English.....	D	3 900
50. Guinevere G. Griest, Instructor in English.....	D	3 850
51. I. M. Miller, Instructor in English.....	D	3 750
52. Mrs. Rena M. Williams, Instructor in English.....	D	3 600
53. Mrs. Eleanor K. Hipple, Instructor in English.....	D	3 450
54. Nonacademic Salaries.....		5 250
Total, Salaries.....		(238 810)
Wages.....		300
Total, Salaries and Wages.....		(239 110)

Expense and Equipment

Expense.....	2 100
Convention Travel.....	825
Equipment.....	500
<i>Total, Expense and Equipment.</i>	(3 425)
<i>Total, Humanities</i>	\$242 535

Mathematics*Salaries and Wages*

1. J. J. Corliss, Professor and Chairman of Division.....	A	\$ 8 100
2. F. S. Nowlan, Professor.....	A	7 000
3. Evelyn Frank, Associate Professor.....	A	6 150
4. M. C. Hartley, Assistant Professor.....	B	5 950
5. Winifred V. Berglund, Instructor.....	D	4 900
6. Karl Johannes, Instructor.....	D	4 900
7. C. E. Olsen, Instructor.....	D75	3 650
8. K. H. Murphy, Instructor.....	D	4 900
9. Mrs. Madeleine P. Grenard, Instructor.....	D	4 600
10. I. K. Feinstein, Instructor.....	D75	3 410
(See Student Counseling Bureau).....	D25	(1 140)
(Total Salary).....		(4 550)
11. L. L. Pennisi, Instructor.....	D	4 350
12. Mrs. Alice F. Iverson, Instructor.....	D75	3 250
13. Rose Lariviere, Instructor.....	D	4 350
14. Rose L. Hornacek, Instructor.....	D	4 150
15. Grace M. Nolan, Instructor.....	D	4 150
16. Mrs. Lona T. Mynaugh, Instructor.....	D75	3 000
17. Furio Alberti, Instructor.....	D	3 900
18. T. B. Ondrak, Instructor.....	D	3 870
19. C. C. Wilson, Instructor.....	D	3 870
20. N. C. Scholomiti, Instructor.....	D	3 780
21. Mrs. Lois B. Stelling, Instructor.....	D75	2 750
22. Nonacademic Salaries.....		2 400
<i>Total, Salaries</i>		(97 380)

Wages.....	100
<i>Total, Salaries and Wages</i>	(97 480)

Expense and Equipment

Expense.....	800
Convention Travel.....	300
Equipment.....	300
<i>Total, Expense and Equipment.</i>	(1 400)
<i>Total, Mathematics</i>	\$ 98 880

Physical Sciences*Salaries and Wages*

1. C. R. Meloy, Associate Professor and Chairman of Division.....	A	\$ 7 400
2. B. B. Frued, Visiting Professor.....	D	6 450
3. B. J. Babler, Associate Professor.....	A	6 450
4. R. W. Karpinski, Associate Professor.....	A	6 360
5. J. V. Mansfield, Assistant Professor.....	B	6 750
6. Roy Huitema, Assistant Professor.....	B	5 950
7. F. M. Stubblefield, Assistant Professor.....	B	(6 130)
(On leave without pay for military service)		
8. Sam Silbergeld, Assistant Professor.....	B	5 850
9. _____, Assistant Professor.....	B	5 400
10. Mrs. Rebecca L. Elbinger, Assistant Professor.....	B	4 850
11. F. L. Koranda, Instructor.....	D75	3 410
(See Student Counseling Bureau).....	D25	(1 140)
(Total Salary).....		(4 550)
12. F. L. Holloway, Instructor.....	D	4 400
13. _____, Instructor.....	D33	1 200
14. Jeannette M. Zeimer, Instructor.....	D	4 150
15. _____, Instructor.....	D	3 700

16. Mrs. Martha H. Mackin, Instructor.....	D75	3 000
(See Student Counseling Bureau).....	D25	(1 000)
(Total Salary).....		(4 000)
17. Paul Burkholder, Instructor.....	D	3 700
18. G. I. Sackheim, Instructor.....	D	3 700
19. R. H. Elliston, Instructor.....	D	3 700
20. Lillian M. Questiaux, Instructor.....	D	3 700
21. T. E. Van Dam, Instructor.....	D	3 650
22. Jeanne A. Kiley, Instructor.....	D	3 650
23. _____, Instructor.....	D	3 500
24. Mrs. Miriam F. Quetsch, Instructor.....	D	3 450
25. Alice R. Sackheim, Instructor.....	D	3 450
26. W. W. Butcher, Instructor.....	D50	1 725
27. Nonacademic Salaries.....		8 760
<i>Total, Salaries</i>		(118 305)
Wages.....		3 300
<i>Total, Salaries and Wages</i>		(121 605)
<i>Expense and Equipment</i>		
Expense.....		25 250
Convention Travel.....		500
Equipment.....		3 000
<i>Total, Expense and Equipment</i>		(28 750)
<i>Total, Physical Sciences</i>		\$150 355

Social Sciences*Salaries and Wages*

1. D. W. Riddle, Professor and Chairman of Division.....	A	\$ 8 100
2. H. W. Barber, Associate Professor.....	A	6 450
3. A. D. Cutshall, Associate Professor.....	A	6 250
4. E. A. Lipman, Associate Professor.....	A	6 250
5. D. J. Morris, Associate Professor.....	A	6 150
6. P. P. Klassen, Associate Professor.....	A	6 150
7. P. C. Greene, Associate Professor of Psychology.....		.....
(Salary under Student Counseling Bureau)		
8. Mrs. Wanda N. Gum, Assistant Professor.....	B	5 950
9. R. L. Nicholson, Assistant Professor.....	B	5 400
10. S. L. Jones, Assistant Professor.....	B	4 950
11. Mrs. Shirley A. Bill, Assistant Professor.....	B	4 800
12. Louis Unfer, Assistant Professor.....	B	4 750
13. Ann E. Heilman, Assistant Professor.....	B	4 750
14. W. F. Thomas, Assistant Professor of Psychology.....		.....
(Salary under Student Counseling Bureau)		
15. J. R. Berry, Assistant Professor of Psychology.....		.....
(Salary under Student Counseling Bureau)		
16. W. E. Dutton, Assistant Professor of Psychology.....		.....
(Salary under Student Counseling Bureau)		
17. L. M. DeRidder, Assistant Professor of Psychology.....		.....
(Salary under Student Counseling Bureau)		
18. Monica H. Kusch, Instructor.....	D	4 550
19. B. C. McCall, Instructor.....	D	4 530
20. Mrs. Mary M. Colby, Instructor.....	D	4 350
21. Mrs. Mildred I. Finney, Instructor.....	D40	1 730
22. S. T. Gabis, Instructor.....	D	4 250
23. P. E. Siegle, Instructor.....	D50	2 070
(See Student Counseling Bureau).....	D25	(1 030)
(Total Salary).....		(3 100)
24. R. R. Page, Instructor.....	D60	2 100
25. _____, Instructor.....	D50	1 800
26. E. J. Taaffe, Instructor.....	D40	1 470
27. Sanford Dornbusch, Instructor.....	D40	1 470
28. Nonacademic Salaries.....		2 400
<i>Total, Salaries</i>		(100 670)
Wages.....		200
<i>Total, Salaries and Wages</i>		(100 870)

Expense and Equipment

Expense.....	1 200
Convention Travel.....	700
Equipment.....	800
<i>Total, Expense and Equipment.....</i>	<i>(2 700)</i>
<i>Total, Social Sciences.....</i>	<i>\$103 570</i>

ENGINEERING SCIENCES

Summary	Salaries and Wages	Other Expense	Total
Administration.....	\$26 745	\$3 000	\$29 745
Architecture and Art.....	69 850	8 750	78 600
Engineering.....	23 550	1 500	25 050
General Engineering Drawing.....	62 695	5 300	67 995
Physics.....	55 785	5 150	60 935
Shop Laboratories.....	32 330	3 150	35 480
<i>Total, Engineering Sciences.....</i>	<i>\$270 955</i>	<i>\$26 850</i>	<i>\$297 805</i>

Administration

<i>Salaries and Wages</i>	
1. F. W. Trezise, Associate Dean.....	DY } \$ 9 700
Associate Professor of Engineering.....	AY }
2. R. M. Price, Assistant Dean.....	DY 50 } 4 125
(See Physics).....	B50 } (3 375)
(Total Salary).....	(7 500)
3. Nonacademic Salaries.....	10 920
<i>Total, Salaries.....</i>	<i>(24 745)</i>
Wages.....	2 000
<i>Total, Salaries and Wages.....</i>	<i>(26 745)</i>
<i>Expense and Equipment</i>	
Expense.....	2 000
Convention Travel.....	200
Equipment.....	800
<i>Total, Expense and Equipment.....</i>	<i>(3 000)</i>
<i>Total, Administration.....</i>	<i>\$ 29 745</i>

Architecture and Art

<i>Salaries and Wages</i>	
1. H. B. McEldowney, Associate Professor of Architecture and Head of Department.....	A \$ 8 100
2. K. G. Shopen, Assistant Professor of Art, in Charge of Art..	B 6 700
3. A. J. DeFilipps, Assistant Professor of Architecture.....	B 5 950
4. J. F. Richardson, Assistant Professor of Art.....	B 5 500
5. _____, Assistant Professor of Architecture (Se- mester I only).....	G 2 500
6. J. D. McNee, Jr., Assistant Professor of Art.....	B 5 200
7. H. L. Mikolajczyk, Assistant Professor of Architecture... B67	4 430
(See Physical Plant).....	N33 (2 270)
(Total Salary).....	(6 700)
8. Ray Stuermer, Assistant Professor of Architecture.....	B50 3 250
9. E. E. Burr, Instructor in Art.....	D 4 800
10. E. R. Norman, Jr., Instructor in Architecture.....	D 4 400
11. Canio Radice, Instructor in Art.....	D 4 300
12. R. G. Shuler, Instructor in Art (Semester I only).....	G 2 050
13. _____, Instructor in Art (Semester I only).....	G 2 050
14. _____, Instructor in Architecture.....	D50 2 700
15. J. A. Banks, Assistant in Architecture.....	E 3 250
16. Nonacademic Salaries.....	2 670
<i>Total, Salaries.....</i>	<i>(67 850)</i>
Wages.....	2 000
<i>Total, Salaries and Wages.....</i>	<i>(69 850)</i>

Expense and Equipment

Expense.....	4 500
University Art Gallery.....	1 000
Convention Travel.....	750
Equipment.....	2 500
<i>Total, Expense and Equipment</i>	(8 750)
<i>Total, Architecture and Art</i>	\$ 78 600

Engineering*Salaries and Wages*

1. A. W. Hershey, Assistant Professor of Electrical Engineering.....	B	\$ 5 600
2. A. C. Cobb, Assistant Professor of Theoretical and Applied Mechanics.....	B	5 500
3. J. C. Chaderton, Assistant Professor of Civil Engineering..	B	5 400
4. F. A. Kahler, Instructor in Theoretical and Applied Mechanics (Semester I only).....	G	2 150
5. W. K. LeBold, Instructor in Electrical Engineering.....	D	4 300
<i>Total, Salaries</i>		(22 950)
Wages.....		600
<i>Total, Salaries and Wages</i>		(23 550)

Expense and Equipment

Expense.....	1 000
Convention Travel.....	100
Equipment.....	400
<i>Total, Expense and Equipment</i>	(1 500)
<i>Total, Engineering</i>	\$ 25 050

General Engineering Drawing*Salaries and Wages*

1. C. I. Carlson, Associate Professor and Head of Department	A	\$ 8 100
2. S. E. Shapiro, Assistant Professor.....	B	6 250
3. H. R. Goppert, Assistant Professor.....	B	6 000
4. H. D. Walraven, Assistant Professor.....	B	5 650
5. R. B. Perkins, Assistant Professor.....	B	5 400
6. T. A. Mucha, Instructor.....	D	5 300
7. S. B. Smith, Instructor.....	D	5 100
8. G. J. Zanotti, Instructor.....	D75	3 825
(See Student Counseling Bureau).....	D25	(1 275)
(Total Salary).....		(5 100)
9. S. S. Silberg, Instructor.....	D	5 050
10. G. E. Cramer, Instructor (Semester I only).....	G	2 500
11. Mrs. Dee M. Holladay, Instructor.....	D	4 500
12. Nonacademic Salaries.....		2 520
<i>Total, Salaries</i>		(60 195)
Wages.....		2 500
<i>Total, Salaries and Wages</i>		(62 695)

Expense and Equipment

Expense.....	3 400
Convention Travel.....	400
Equipment.....	1 500
<i>Total, Expense and Equipment</i>	(5 300)
<i>Total, General Engineering Drawing</i>	\$ 67 995

Physics*Salaries and Wages*

1. O. L. Railsback, Professor and Head of Department.....	A	\$ 8 100
2. R. M. Price, Assistant Professor.....	B50	3 375
(See Administration).....	DY50	(4 125)
(Total Salary).....		(7 500)
3. Ogden Livermore, Instructor.....	D75	4 050
(See Student Counseling Bureau).....	D25	(1 350)
(Total Salary).....		(5 400)

4. A. F. Silkett, Instructor.....	D75	3 900
(See Student Counseling Bureau).....	D25	(1 300)
(Total Salary).....		(5 200)
5. A. J. Klapperich, Instructor.....	D	4 900
6. H. J. Johnson, Instructor.....	D	4 650
7. H. M. Skadeland, Instructor.....	D	4 600
8. W. R. Anderson, Instructor.....	D	4 400
9. Mae A. Driscoll, Instructor.....	D	4 000
10. R. E. Snyder, Instructor.....	D	(3 660)
(On leave without pay for military service)		
11. _____, Instructor.....	D75	3 360
12. _____, Instructor.....	D75	3 360
13. Nonacademic Salaries.....		6 090
<i>Total, Salaries</i>		(54 785)
Wages.....		1 000
<i>Total, Salaries and Wages</i>		(55 785)
<i>Expense and Equipment</i>		
Expense.....		2 500
Convention Travel.....		150
Equipment.....		2 500
<i>Total, Expense and Equipment</i>		(5 150)
<i>Total, Physics</i>		\$ 60 935

Shop Laboratories

<i>Salaries and Wages</i>		
1. J. S. Kozacka, Associate Professor of Mechanical Engineering and Head of Shop Laboratories.....	A	\$ 8 100
2. R. W. Schroeder, Assistant Professor of Foundry and Pattern Laboratory.....	B	6 500
3. R. E. Kennedy, Instructor in Foundry and Pattern Laboratory.....	D67	3 800
4. Nonacademic Salaries.....		12 930
<i>Total, Salaries</i>		(31 330)
Wages.....		1 000
<i>Total, Salaries and Wages</i>		(32 330)
<i>Expense and Equipment</i>		
Expense.....		2 000
Convention Travel.....		150
Equipment.....		1 000
<i>Total, Expense and Equipment</i>		(3 150)
<i>Total, Shop Laboratories</i>		\$ 35 480

COMMERCE AND BUSINESS ADMINISTRATION

<i>Salaries and Wages</i>		
1. R. P. Hackett, Associate Dean.....	DY}	\$ 10 250
Professor of Accountancy.....	AY}	
2. R. D. Haines, Professor of Accountancy.....	A	8 100
3. W. D. Grampp, Associate Professor of Economics.....	A	6 600
4. Lucile Derrick, Associate Professor of Economics.....	A	6 300
5. Samuel Fox, Assistant Professor of Accountancy.....	B75	4 613
(See Student Counseling Bureau).....	D25	(1 537)
(Total Salary).....		(6 150)
6. C. H. Gillett, Assistant Professor of Economics.....	B	5 950
7. Sarah M. Kabbes, Instructor in Accountancy.....	D	5 200
8. W. J. Dunne, Instructor in Economics.....	D	5 200
9. Janice Nystrom, Instructor in Economics.....	D	5 200
10. A. F. Jung, Instructor in Economics.....	D	4 500
11. Oscar Miller, Instructor in Economics.....	D	4 500
12. E. C. Knudson, Instructor in Economics.....	D	4 500
13. H. G. Yankow, Instructor in Accountancy.....	D	4 500

14. E. W. Berg, Instructor in Accountancy.....	D75	3 375
(See Student Counseling Bureau).....	D25	(1 125)
(Total Salary).....		(4 500)
15. J. R. Morris, Instructor in Economics.....	D	4 450
16. C. M. Larson, Instructor in Economics.....	D75	3 300
(See Student Counseling Bureau).....	D25	(1 100)
(Total Salary).....		(4 400)
17. Josephine A. Johnson, Instructor in Accountancy.....	D	4 300
18. A. J. Schneider, Instructor in Accountancy.....	D	4 150
19. H. F. Williams, Instructor in Economics.....	D	4 150
20. Dorothy A. Eggebrecht, Instructor in Accountancy.....	D	4 000
21. Mrs. Winifred B. Geldard, Instructor in Economics.....	D	3 900
22. D. C. Ross, Assistant in Economics.....	E	3 300
23. Nonacademic Salaries.....		5 880
<i>Total, Salaries</i>		(116 218)
Wages.....		580
<i>Total, Salaries and Wages</i>		(116 798)
<i>Expense and Equipment</i>		
Expense and Equipment.....		2 400
Convention Travel.....		300
<i>Total, Expense and Equipment</i>		(2 700)
<i>Total, Commerce and Business Administration</i>		\$119 498

PHYSICAL EDUCATION

	Summary		
	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
Instruction.....			
Physical Education.....	\$84 070	\$15 000	\$99 070
Auxiliary Enterprises.....			
Student Athletic Activities.....	6 300	17 700	24 000
<i>Total, Physical Education</i>	\$90 370	\$32 700	\$123 070

Salaries and Wages

Physical Education

1. J. O. Jones, Associate Professor and Director of Division..	A	\$ 8 300
(From Student Athletic Activities).....	G ¹	(600)
(Total Salary).....		(8 900)
2. Helen M. Barton, Assistant Professor and Chairman of Women's Department.....	B	5 950
3. D. B. Keyser, Instructor in Physical Education for Men..	D	4 100
(From Student Athletic Activities).....	G ¹	(400)
(Total Salary).....		(4 500)
4. P. R. Berrafato, Instructor in Physical Education for Men	D	3 900
(From Student Athletic Activities).....	G ¹	(600)
(Total Salary).....		(4 500)
5. S. L. Fordham, Instructor in Physical Education for Men..	D	3 850
(From Student Athletic Activities).....	G ¹	(450)
(Total Salary).....		(4 300)
6. H. J. Frey, Instructor in Physical Education for Men....	D	3 700
(From Student Athletic Activities).....	G ¹	(350)
(Total Salary).....		(4 050)
7. H. A. Schutz, Instructor in Physical Education for Men..	D	3 600
(From Student Athletic Activities).....	G ¹	(450)
(Total Salary).....		(4 050)
8. L. L. Gedvilas, Instructor in Physical Education for Men..	D	3 600
(From Student Athletic Activities).....	G ¹	(400)
(Total Salary).....		(4 000)
9. L. H. Miller, Jr., Instructor in Physical Education for Men	D	3 600
(From Student Athletic Activities).....	G ¹	(300)
(Total Salary).....		(3 900)

¹ Overtime.

10. B. W. Montcalm, Instructor in Physical Education for Men	D	3 600
(From Student Athletic Activities).....	G ¹	(300)
(Total Salary).....		(3 900)
11. E. D. Ryan, Instructor in Physical Education for Men...	D	3 600
(From Student Athletic Activities).....	G ¹	(300)
(Total Salary).....		(3 900)
12. J. P. Tighe, Instructor in Physical Education for Men....	D	3 550
(From Student Athletic Activities).....	G ¹	(275)
(Total Salary).....		(3 825)
(On leave without pay for military service)		
13. J. M. Kromrey, Instructor in Physical Education for Men..	D	3 600
(From Student Athletic Activities).....	G ¹	(150)
(Total Salary).....		(3 750)
14. W. G. Versen, Instructor in Physical Education for Men..	D	3 400
(From Student Athletic Activities).....	G ¹	(250)
(Total Salary).....		(3 650)
15. C. J. Kristufek, Assistant in Physical Education for Men..	E	3 000
(From Student Athletic Activities).....	G ¹	(250)
(Total Salary).....		(3 250)
16. _____, Assistant in Physical Education for Men	E	3 000
17. Wilma J. DeYoung, Assistant in Physical Education for		
Women.....	E	3 150
18. Mrs. Dorothy J. Mart, Assistant in Physical Education for		
Women.....	E	3 000
19. Juanita M. Meunier, Assistant in Physical Education for		
Women.....	E	3 000
20. Nonacademic Salaries.....		11 120
Total, Salaries.....		(81 070)
Wages.....		3 000
Total, Salaries and Wages.....		(84 070)
Expense and Equipment		
Expense.....		15 000
Total, Physical Education.....		\$ 99 070

Student Athletic Activities (Entire budget from Student Activities Fee and athletic receipts)

Salaries and Wages

1. Academic Salaries (as indicated in Physical Education		
Budget).....	G	\$ 4 800
Wages.....		1 500
Total, Salaries and Wages.....		(6 300)
Expense and Equipment		
Expense.....		17 700
Total, Student Athletic Activities.....		\$ 24 000

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Salaries and Wages

1. W. O. Brown, Veterans Counselor.....	DY10	\$ 1 000
(See Dean of Students).....	DY90	(6 300)
(Total Salary).....		(7 300)
2. Nonacademic Salaries.....		2 310
Total, Salaries.....		(3 310)
Wages.....		400
Total, Salaries and Wages.....		(3 710)
Expense and Equipment		
Expense.....		200
Equipment.....		100
Total, Expense and Equipment.....		(300)
Total, Division of Special Services for War Veterans....		\$ 4 010

¹ Overtime.

ARMED FORCES

(Under the direction of the Coordinator of Armed Forces of the University)

<i>Salaries and Wages</i>	
1. Nonacademic Salaries	\$ 6 000
Wages	2 000
<i>Total, Salaries and Wages</i>	(8 000)
<i>Expense and Equipment</i>	
Expense	2 500
Equipment	300
<i>Total, Expense and Equipment</i>	(2 800)
<i>Total, Armed Forces</i>	\$ 10 800

SUMMER SESSION

<i>Salaries and Wages</i>	
1. For Salaries of Academic Staff	G \$ 90 189
<i>Total, Summer Session</i>	\$ 90 189

LIBRARY

(Under the direction of the Director of the University Library)

<i>Salaries and Wages</i>	
1. D. K. Maxfield, Librarian and Assistant Professor of Library Science	DY \$ 6 600
2. ———, Assistant Librarian, Chief Library Adviser, and Assistant Professor of Library Science ..	DY 4 880
3. Mrs. Jane S. Strable, Circulation Librarian and Instructor in Library Science	DY 4 470
4. ———, Catalog Librarian, with rank of Instructor	DY 4 270
5. ———, Acquisition Librarian, with rank of Instructor	DY 4 000
6. ———, Assistant Reference Librarian, with rank of Instructor	DY 3 970
7. Mary M. McCarron, Serials Librarian, with rank of Instructor	DY 3 800
8. Rose Vietzen, Assistant Catalog Librarian, with rank of Instructor	DY 3 660
9. Bernadette M. Sullivan, Assistant Catalog Librarian, with rank of Instructor	DY 3 660
10. Nonacademic Salaries	35 970
<i>Total, Salaries</i>	(75 280)
Wages	5 980
<i>Total, Salaries and Wages</i>	(81 260)
<i>Expense and Equipment</i>	
Expense	5 000
Convention Travel	200
Equipment	2 750
Library Additions	30 000
<i>Total, Expense and Equipment</i>	(37 950)
<i>Total, Library</i>	\$119 210

PHYSICAL PLANT**Summary**

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Operation and Maintenance</i>			
Administration	\$ 34 315	\$ 2 989	\$ 37 304
Building Operation	167 618	15 495	183 113
Police and Watchmen	75 265	2 597	77 862
Building Maintenance	95 580	14 098	109 678
Trucks and Cars	8 860	1 455	10 315

Summary (concluded)

	<i>Salaries and Wages</i>	<i>Other Expense</i>	<i>Total</i>
<i>Operation and Maintenance</i>			
Grounds Maintenance.....	8 093	1 045	9 138
Heat, Light, and Power.....	90 998	101 039	192 037
Telephone and Information.....	15 603	14 450	30 053
<i>Total, Operation and Maintenance.....</i>	<i>(496 332)</i>	<i>(153 168)</i>	<i>(649 500)</i>
<i>Special Items</i>			
Rentals and Restoration.....		136 900	136 900
Food Service.....		16 362	16 362
<i>Total, Special Items.....</i>		<i>(153 262)</i>	<i>(153 262)</i>
<i>Total, Physical Plant.....</i>	<i>(496 332)</i>	<i>(306 430)</i>	<i>(802 762)</i>
<i>Auxiliary Enterprises</i>			
Food Service.....	97 507	140 855	238 362
<i>Grand Total.....</i>	<i>\$593 839</i>	<i>\$447 285</i>	<i>\$1 041 124</i>

Administration

(Under the direction of the Director of the Physical Plant)

Salaries and Wages

1. H. W. Pearce, Superintendent of Buildings and Grounds..	.....
(Salary under Chicago Professional Colleges)	
2. Nonacademic Salaries.....	\$ 33 380
Wages.....	935
<i>Total, Salaries and Wages.....</i>	<i>(34 315)</i>
<i>Expense and Equipment</i>	
Expense.....	2 989
<i>Total, Administration.....</i>	<i>\$ 37 304</i>

Building Operation

<i>Salaries and Wages</i>	
1. Nonacademic Salaries.....	\$ 4 620
Wages.....	162 998
<i>Total, Salaries and Wages.....</i>	<i>(167 618)</i>
<i>Expense and Equipment</i>	
Expense.....	15 495
<i>Total, Building Operation.....</i>	<i>\$183 113</i>

Police and Watchmen

<i>Salaries and Wages</i>	
1. Nonacademic Salaries.....	\$ 14 352
Wages.....	60 913
<i>Total, Salaries and Wages.....</i>	<i>(75 265)</i>
<i>Expense and Equipment</i>	
Expense.....	2 097
Equipment.....	500
<i>Total, Expense and Equipment.....</i>	<i>(2 597)</i>
<i>Total, Police and Watchmen.....</i>	<i>\$ 77 862</i>

Building Maintenance

<i>Salaries and Wages</i>	
1. Nonacademic Salaries.....	\$ 14 130
Wages, General.....	63 450
Wages, Renewals and Replacements.....	18 000
<i>Total, Wages.....</i>	<i>(81 450)</i>
<i>Total, Salaries and Wages.....</i>	<i>(95 580)</i>
<i>Expense and Equipment</i>	
Expense.....	10 866
Renewals and Replacements.....	2 757
Equipment.....	475
<i>Total, Expense and Equipment.....</i>	<i>(14 098)</i>
<i>Total, Building Maintenance.....</i>	<i>\$109 678</i>

	Trucks and Cars	
<i>Salaries and Wages</i>		
Wages	\$ 8 860	
<i>Expense and Equipment</i>		
Expense	<u>1 455</u>	
<i>Total, Trucks and Cars</i>	\$ 10 315	
	Grounds Maintenance	
<i>Salaries and Wages</i>		
Wages	\$ 8 093	
<i>Expense and Equipment</i>		
Expense	645	
Equipment	400	
<i>Total, Expense and Equipment</i>	<u>(1 045)</u>	
<i>Total, Grounds Maintenance</i>	\$ 9 138	
	Heat, Light, and Power	
<i>Salaries and Wages</i>		
Wages	\$ 90 998	
<i>Expense and Equipment</i>		
Expense	100 884	
Equipment	155	
<i>Total, Expense and Equipment</i>	<u>(101 039)</u>	
<i>Total, Heat, Light, and Power</i>	\$192 037	
	Telephone and Information	
<i>Salaries and Wages</i>		
1. Nonacademic Salaries	\$ 7 914	
Wages	7 689	
<i>Total, Salaries and Wages</i>	<u>(15 603)</u>	
<i>Expense and Equipment</i>		
Expense	<u>14 450</u>	
<i>Total, Telephone and Information</i>	\$ 30 053	
	Special Items	
Rentals and Restoration		
<i>Expense and Equipment</i>		
Building Rental	\$117 000	
Drill Hall Rental	18 750	
Insurance	<u>1 150</u>	
<i>Total, Rentals and Restoration</i>	\$136 900	
Food Service		
<i>Expense and Equipment</i>		
Expense (in excess of income)	\$ 16 362	
<i>Total, Food Service</i>	\$ 16 362	
	Auxiliary Enterprises	
Food Service		
<i>Salaries and Wages</i>		
1. Nonacademic Salaries	\$ 16 236	
Wages	81 271	
<i>Total, Salaries and Wages</i>	<u>(97 507)</u>	
<i>Expense and Equipment</i>		
Expense	<u>140 855</u>	
<i>Total, Food Service</i>	\$238 362	

NONACADEMIC SALARIES

URBANA-CHAMPAIGN

ADMINISTRATION AND GENERAL

Board of Trustees

1. Maude Archdeacon, Chief Clerk.....	N	\$ 4 170
2. Catherine Cacioppo, Clerk-Stenographer III.....	N	2 340
3. Mrs. Ruby D. Hart, Clerk-Typist II.....	N	2 220
4. _____, Clerk-Typist II.....	N	1 920
<i>Total, Board of Trustees.....</i>		<i>\$ 10 650</i>

President's Office

1. E. G. Smith, Executive Clerk.....	N	\$ 5 490
2. Mrs. Frances G. Dickman, Secretary.....	N	4 530
3. Zelma C. Holl, Secretary.....	N	4 080
4. Ruth E. Klein, Secretary.....	N	3 810
5. Nettie M. Roberts, Clerk-Stenographer III.....		.....
(On leave without pay; disability benefits payable by Retirement System)		
6. Virginia J. Hendrix, Clerk-Stenographer III.....	N	3 000
7. Thelma I. Radwell, Clerk III.....	N	2 820
8. Doris E. Falk, Clerk-Stenographer II.....	N	2 070
9. R. S. Otwell, Executive Clerk.....	N	3 870
10. Alice DeKany, Editorial Assistant (From U. S. Contracts—Indirect Costs—President's Office).....	N ₅₀	(1 560)
<i>Total, President's Office.....</i>		<i>\$ 29 670</i>

General

Provost's Office

1. Ruth M. Anderson, Secretary.....	N	\$ 4 890
2. Mrs. June O. Watson, Clerk-Stenographer III.....	N	2 820
3. Mildred M. Luther, Clerk III.....	N	2 580
4. Mrs. Joanne F. Welk, Clerk-Stenographer II.....	N	2 400
<i>Total, Provost's Office—General.....</i>		<i>\$ 12 690</i>

Courses and Curricula

1. Mrs. Doris M. Meyer, Clerk III.....	N	\$ 2 580
<i>Total, Courses and Curricula.....</i>		<i>\$ 2 580</i>

Bureau of Institutional Research

1. H. B. Lawler, Senior Accountant Statistician.....	N	\$ 3 810
2. Mrs. Jean Kirby, Clerk II.....	N	2 340
3. Mrs. Barbara R. Killian, Clerk II.....	N	2 130
4. Mrs. Evelyn B. Munson, Secretary.....	N	2 790
5. Mrs. Margaret R. Krogh, Clerk II.....	N	2 250
6. Mrs. Phyllis Du Bar, Clerk-Stenographer III.....	N	2 400
7. Mrs. Nancy E. Cloyd, Clerk II.....	N	2 280
<i>Total, Bureau of Institutional Research.....</i>		<i>\$ 18 000</i>

Student Counseling Bureau

1. Mrs. Lester M. Friend, Secretary.....	N	\$ 3 270
2. Hazel E. Myers, Personnel Assistant.....	N	3 240
3. Mrs. Nancy D. Nygaard, Junior Personnel Assistant.....	N	2 280
4. Mrs. Genevieve W. Brown, Clerk-Stenographer II.....	N	2 100
5. Marilyn J. Colborn, Junior Personnel Assistant.....	N	2 025
6. Mrs. Kathryn B. Thackeray, Junior Personnel Assistant.....	N	2 070
7. Mrs. Miriam D. Miller, Junior Personnel Assistant.....	N	1 980
8. _____, Junior Personnel Assistant.....	N	1 890
9. Mrs. Janice Neiderpruem, Clerk-Stenographer II.....	N	1 980
<i>Total, Student Counseling Bureau.....</i>		<i>\$ 20 835</i>

Statistical Service Unit

1. C. M. Oehmke, Assistant Director.....	N	\$ 6 300
2. R. H. Heicke, Tabulating Machine Supervisor.....	N	4 800
3. P. J. Cochrane, Assistant Tabulating Machine Supervisor.....	N	4 020
4. Mrs. Luella B. Dillman, Chief Clerk.....	N	2 910
5. J. C. Mahaffey, Tabulating Machine Operator III.....	N	3 780
6. R. G. Waldbillig, Tabulating Machine Operator III.....	N	3 660
7. Mrs. Mildred L. Dust, Tabulating Machine Operator III.....	N	3 060
8. Mrs. Lou Ann Stevenson, Tabulating Machine Operator III.....	N	2 700
9. Mrs. Beatrice E. Gersch, Tabulating Machine Operator II.....	N	2 520
10. Barbara J. Sticklen, Tabulating Machine Operator II.....	N	2 460
11. Mrs. Frieda L. Hawks, Tabulating Machine Operator II.....	N	2 280
12. Jean Pruett, Tabulating Machine Operator II.....	N	2 100
13. Mrs. Patricia J. Lange, Tabulating Machine Operator I.....	N	2 040
14. Mrs. Bonnie J. Weiss, Tabulating Machine Operator I.....	N	2 040
15. Phyllis A. Robertson, Tabulating Machine Operator I.....	N	2 040
16. _____, Tabulating Machine Operator I.....	N	1 800
17. Mrs. Joan Bacle, Tabulating Machine Operator I.....	N	1 920
18. Mrs. Daisy L. Mathews, Tabulating Machine Operator I.....	N	1 950
19. Mrs. Joan Schultz, Tabulating Machine Operator I.....	N	1 830
20. Frances R. Smith, Tabulating Machine Operator I.....	N	1 830
21. L. A. Staugas, Tabulating Machine Supervisor (From U. S. Contracts—Indirect Costs).....	N	(4 800)
<i>Total, Statistical Service Unit.....</i>		\$ 56 040

Business Office**COMPTROLLER'S OFFICE—GENERAL**

1. M. S. Kessler, Supervising Accountant.....	N	\$ 5 610
2. Merle M. Rhoads, Chief Clerk.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
3. Gladys L. Paul, Secretary.....	N	4 320
4. Mrs. Pearl M. Helms, Secretary.....	N	3 360
5. Mrs. Bernice Bean, Clerk-Stenographer III.....	N	2 820
6. Mrs. Mary Ann McNeill, Clerk-Typist II.....	N	2 280
<i>Sub-total, Comptroller's Office—General.....</i>		(18 390)

COMPTROLLER'S OFFICE—INSURANCE

8. D. A. Tanner, Supervisor of Insurance.....	N	3 240
(From Staff Insurance Administration).....		(2 580)
(Total Salary).....		(5 820)
9. Mrs. Gertrude Kanare, Clerk-Stenographer III (From Staff Insurance Administration).....	N	(2 460)
10. Marilyn Turner, Clerk-Stenographer III.....	N	2 520
<i>Sub-total, Staff Insurance.....</i>		(5 760)
<i>Sub-total, Comptroller's Office.....</i>		(24 150)

AUDITING DIVISION

11. D. A. Gillespie, Assistant Auditor.....	N	6 210
12. H. W. Manley, Supervising Accountant.....	N	5 580
13. W. M. Griffith, Senior Accountant.....	N	4 620
14. W. H. Whetstone, Senior Accountant.....	N	4 470
15. W. J. Thom, Senior Accountant.....	N	4 320
16. R. C. Olson, Construction Accountant (From U. S. Contracts—Indirect Costs).....	N	(4 560)
17. H. S. Creech, Junior Accountant.....	N	3 600
18. Rose Mary Peifer, Junior Accountant.....	N	3 000
19. W. R. Melton, Junior Accountant (From U. S. Contracts—Indirect Costs).....	N	(2 940)
20. Madonna Lawrence, Clerk-Typist III.....	N	2 640
<i>Sub-total, Auditing Division.....</i>		(34 440)

ACCOUNTING DIVISION

21. L. M. Dahlenburg, Assistant Chief Accountant.....	N	7 380
22. W. D. Green, Supervising Accountant.....	N	5 820

23. Leonard Bantz, Supervising Accountant.....	N	5 340
24. Margaret R. Stewart, Senior Accountant.....	N	4 440
25. R. H. Suter, Senior Accountant.....	N	4 440
26. D. E. McCulley, Junior Accountant.....	N	3 960
27. Mrs. Maxine G. O'Rourke, Junior Accountant.....	N	3 060
28. R. R. Hunt, Junior Accountant.....	N	3 060
29. Mrs. Violet C. Gaschler, Secretary.....	N	3 060
30. J. R. Carlson, Clerk III.....	N	3 360
31. Mrs. Esther Theilmann, Clerk III.....	N	2 640
32. Mrs. Doris K. Lain, Bookkeeping Machine Operator II...	N	2 760
33. Valada Keister, Bookkeeping Machine Operator II.....	N	2 700
34. Eleanor Garbe, Bookkeeping Machine Operator II.....	N	2 640
35. Mrs. Beverly A. Hoyt, Bookkeeping Machine Operator II	N	2 340
36. Alice A. Hill, Clerk II (From Veterans Equipment Procure- ment).....	N	(2 160)
37. Mrs. Betty Gunhouse, Clerk II.....	N	2 160
38. Jennie J. Pence, Clerk II.....	N	2 100
39. Mrs. Pauline Eaton, Clerk-Typist II.....	N	2 100
40. Patty Davis, Clerk-Typist II.....	N	2 100
41. Mrs. Ardella A. Witte, Clerk-Typist II.....	N	1 980
42. Mrs. Edith A. Wade, Clerk-Typist I.....	N	1 980
43. Mrs. Betty Brown, Clerk-Typist I.....	N	1 860
44. Mrs. Ruth Baxter, Clerk I.....	N	1 800
45. Ann Brown, Clerk I (From U. S. Contracts—Indirect Costs).....	N	(1 800)
46. Frances L. Williams, Clerk-Typist I.....	N50	900
(From Farm Management Revolving).....	N50	(900)
(Total Salary).....		(1 800)
47. Mrs. Betty Dillman, Clerk-Typist I (From U. S. Con- tracts—Indirect Costs).....	N	(1 800)
<i>Sub-total, Accounting Division.....</i>		<i>(73 980)</i>

BURSAR'S DIVISION

48. R. W. Zimmer, Assistant Bursar.....	N	6 210
49. H. F. Thornes, Administrative Assistant.....	G10	100
(July 1 to September 1, 1951)		
50. R. F. Wood, Supervisor of Student Loans.....	N	2 655
(From Student Loan Income).....		(2 655)
(Total Salary).....		(5 310)
51. N. P. Hanna, Supervising Accountant.....	N	4 950
52. Mrs. Irma L. Mueller, Senior Accountant.....	N	4 590
53. R. E. Gentry, Senior Accountant Statistician.....	N	4 440
54. S. E. Read, Senior Accountant (From U. S. Contracts— Indirect Costs).....	N	(4 080)
55. D. T. Boyer, Head Cashier.....	N	4 230
56. P. J. Foil, Cashier.....	N	3 810
57. V. C. Klitzing, Cashier.....	N	3 630
58. Mrs. Hortense S. Johnson, Payroll Clerk III.....	N	4 140
59. Mrs. June W. Johnson, Payroll Clerk III.....	N	3 330
60. Mrs. Dolores M. Byers, Payroll Clerk III.....	N	3 150
61. Mrs. Margaret C. Parker, Payroll Clerk II.....	N	2 700
62. Edna L. Noffitz, Payroll Clerk II.....	N	2 400
63. Margy E. Butler, Payroll Clerk II.....	N	2 400
64. Mrs. Frances H. Exline, Payroll Clerk II.....	N	2 340
65. Betty Gerth, Payroll Clerk I.....	N	2 160
66. Mrs. Harriet D. Slavens, Clerk III (From Veterans Equip- ment Procurement).....	N	(3 510)
67. Mrs. Janet H. Wilson, Bookkeeping Machine Operator II..	N	2 700
68. L. Jean Wilson, Bookkeeping Machine Operator I.....	N	2 280
69. Mrs. Marilyn R. Sadler, Bookkeeping Machine Operator I (From U. S. Contracts—Indirect Costs, \$900; Tem- porary Family Housing, \$1,380).....	N	(2 280)
70. Mrs. Joan J. Belsan, Bookkeeping Machine Operator I (From Temporary Family Housing).....	N	(1 980)

71. Patricia J. Shoemaker, Clerk-Stenographer III.....	N	2 700
72. Mrs. Sylvia A. Thomas, Clerk-Typist III.....	N	2 610
73. Mrs. Lucille Ekiss, Clerk III (From U. S. Contracts—Indirect Costs).....	N	(2 400)
74. Mrs. Mary O. Coe, Clerk III (From U. S. Contracts—Indirect Costs).....	N75	(1 800)
75. Mrs. Mildred B. Lucas, Clerk-Stenographer III (From U. S. Contracts—Indirect Costs).....	N	(2 280)
76. Mrs. Martha W. Manning, Clerk II.....	N	2 460
77. LaRae J. Turner, Clerk-Stenographer II (From Student Loan Income).....	N	(2 400)
78. Mrs. Rose K. Rosenberg, Clerk-Stenographer II.....	N	510
(From U. S. Contracts—Indirect Costs).....		(1 830)
(Total Salary).....		(2 340)
79. Betty Reifsteck, Clerk-Typist II (From U. S. Contracts—Indirect Costs).....	N	(2 280)
80. Lois Henton, Clerk-Typist II (From U. S. Contracts—Indirect Costs).....	N	(2 100)
81. Mrs. Martha C. Mansfield, Clerk II (From U. S. Contracts—Indirect Costs).....	N	(2 040)
82. Shirley M. Valentine, Clerk II (From U. S. Contracts—Indirect Costs).....	N	(1 800)
<i>Sub-total, Bursar's Division</i>		(70 495)

PURCHASING DIVISION

83. C. P. Slater, Assistant Director of Purchases.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
84. J. E. Osborn, Assistant Director of Purchases.....	N	(6 600)
(On leave of absence for military service)		
85. W. M. Tullock, Traffic Manager.....	N	6 210
86. L. E. Elliott, Senior Purchasing Assistant.....	N	3 780
(Vice Osborn—temporary).....		300
(From General Chemical Storeroom).....		(1 500)
(Total Salary).....		(5 580)
87. G. W. Kiningham, Senior Purchasing Assistant.....	N	5 280
88. R. F. Hott, Senior Purchasing Assistant.....	N	2 190
(From Illini Union Food Service).....		(1 590)
(From Residence Halls Administration).....		(1 440)
(Total Salary).....		(5 220)
89. G. W. Maxey, Senior Purchasing Assistant.....	N	5 220
90. R. D. Meyer, Senior Purchasing Assistant (From U. S. Contracts—Indirect Costs).....	N	(4 800)
91. J. W. Gomperts, Senior Purchasing Assistant.....	N	4 500
92. W. E. Crawford, Junior Purchasing Assistant.....	N	4 020
93. J. A. Hess, Inventory Supervisor.....	N	4 500
94. Frances M. Stiritz, Secretary.....	N	3 240
95. Betty O. Block, Clerk III (From U. S. Contracts—Indirect Costs).....	N	(2 400)
96. Mrs. Etta Y. Rouse, Clerk III.....	N	2 400
97. Mrs. Julia M. Hunt, Clerk II.....	N	2 580
(Vice Osborn—temporary).....		180
(Total Salary).....		(2 760)
98. Margaret F. Russell, Clerk-Stenographer II.....	N	2 250
99. Mrs. Harriette L. Koeller, Clerk-Typist II.....	N	2 250
100. Mrs. Mary Tomizawa, Clerk-Stenographer II.....	N	2 250
101. Mrs. Inez Carlson, Clerk-Stenographer II.....	N	2 220
102. Mrs. Shirley Reinhardt, Clerk-Typist II.....	N	2 190
103. Mrs. Pat A. Ratcliff, Clerk-Stenographer II.....	N	2 190
104. Mrs. Mary E. Kruse, Clerk II.....	N	2 160
105. Mrs. Marian A. Frederick, Clerk-Typist II (From U. S. Contracts—Indirect Costs).....	N	(2 130)
106. Mrs. Dolores N. Wilson, Clerk-Typist II.....	N	2 070
107. Carol J. Cook, Clerk II.....	N	2 070

108. Mrs. Clarice Gray, Clerk-Typist II.....	N	1 950
109. Rose Mary Lott, Clerk II.....	N	1 950
110. Mrs. Betty J. Smittle, Clerk II.....	N	1 920
111. Gladys Trowbridge, Clerk-Typist II.....	N	1 800
112. K. June Silver, Clerk-Typist II.....	N	1 800
CENTRAL RECEIVING STATION		
113. C. L. Hock, Supervisor Central Receiving Station.....	N	3 960
114. J. H. Conerty, Routeman Helper.....	N	2 970
115. R. C. Hicks, Routeman Helper.....	N	2 970
116. W. A. Roney, Driver (From Office Supply Storeroom)....	P	(3 696)
117. M. B. Watson, Driver (From Office Supply Storeroom)...	P	(3 696)
STOREROOMS		
118. L. W. Williamson, Stores Supervisor (From Office Supply Storeroom).....	N	(4 950)
119. R. E. Soloman, Stores Clerk (From Office Supply Storeroom).....	N	(2 940)
120. E. R. Smith, Stores Clerk (From Office Supply Storeroom).....	N	(2 760)
121. _____, Clerk II (From Office Supply Storeroom).....	N	(1 680)
122. L. E. Bailey, Stores Supervisor (From General Chemistry Storeroom).....	N	(4 830)
123. C. R. McAarty, Storekeeper (From General Chemistry Storeroom).....	N	(3 840)
124. W. S. Lemmon, Storekeeper (From General Chemistry Storeroom).....	N	(3 540)
125. T. D. Roberts, Storekeeper (From General Chemistry Storeroom).....	N	(3 540)
126. W. E. Maxwell, Stores Clerk (From General Chemistry Storeroom).....	N	(2 700)
<i>Sub-total, Purchasing Division.....</i>		<u>(83 370)</u>
<i>Total, Business Office.....</i>		\$286 435

Office of Admissions and Records

1. Harriet E. Hamm, Assistant Examiner.....	N	\$ 4 950
2. M. Zella Hall, Assistant Examiner.....	N	4 950
3. E. J. Smith, Assistant Examiner.....	N	4 800
4. G. R. Dinsmore, Assistant Examiner.....	N	4 800
5. M. Priscilla Howe, Assistant Recorder.....	N	4 950
6. Dorothy Clark, Assistant Recorder.....	N	4 950
7. C. V. Ellington, Assistant Recorder.....	N	4 800
8. Rosene Hawthorne, Assistant Recorder.....	N	4 260
9. Mary J. Hyland, Assistant Recorder.....	N	3 960
10. Mrs. Mary E. Truman, Assistant Recorder.....	N	3 570
11. Mrs. Doris E. Billick, Secretary.....	N	3 090
12. Alta Bagott, Clerk III.....	N	2 970
13. May L. Rewerts, Clerk III.....	N	2 640
14. Myra C. Strom, Clerk III.....	N	2 640
15. Mrs. Patricia R. Summers, Clerk-Stenographer III.....	N	2 520
16. Nancy C. Foulk, Clerk III.....	N	2 310
17. Sylvia B. Hixson, Clerk II.....	N	2 280
18. Mrs. Jean M. Forr, Clerk II.....	N	2 280
19. Ruth G. Clinite, Clerk-Typist II.....	N	2 280
20. Mrs. Cordelia V. Brown, Clerk II.....	N	2 250
21. Ruth K. Crowley, Clerk II.....	N	2 220
22. Mrs. Sally Matsuura, Clerk-Stenographer II.....	N	2 130
23. Mrs. Mary W. Reaser, Clerk-Typist II.....	N	2 130
24. Mrs. Janet M. McCain, Clerk II.....	N	2 130
25. Mary Ann Hasler, Clerk-Stenographer II.....	N	2 130
26. Mrs. Elizabeth E. Shirley, Clerk II.....	N	2 070
27. Mrs. Mary A. Caswell, Clerk-Typist II.....	N	2 070
28. Mrs. Evelyn M. Schalk, Clerk II.....	N	2 070
29. Mrs. Ruby R. Stewart, Clerk II.....	N	2 040

30. Mrs. Edith R. Shelly, Clerk-Typist II.....	N	2 010
31. Mrs. Ilah R. Brunner, Clerk-Typist II.....	N	2 010
32. Mrs. Marjorie L. Rieker, Clerk-Typist II (From Veterans Equipment Procurement).....	N	(2 010)
33. Mrs. JoAnn Koeppe, Clerk II.....	N	2 010
34. Mrs. Barbara E. Roseberry, Clerk-Typist II.....	N	2 010
35. Mrs. Barbara A. Anderson, Clerk-Typist II.....	N	1 950
36. G. H. Cannon, Jr., Clerk II.....	H	1 950
37. Betty Jo Hooser, Clerk-Stenographer II.....	N	1 920
38. _____, Clerk-Stenographer II.....	N	1 920
39. Mrs. Mabel R. Gifford, Clerk-Typist II.....	N	1 800
40. Jo Ann Johnson, Clerk-Typist II.....	N	1 800
41. Hilda A. Parkhurst, Clerk-Typist II.....	N	1 800
42. Rosamond Guthrie, Clerk-Typist II.....	N	1 800
43. Dolores J. Mattlin, Clerk-Typist II.....	N	1 800
44. Anna M. Benting, Clerk II.....	N	1 800
45. Mrs. Jennie C. Jacobsen, Clerk II.....	N	1 800
46. _____, Clerk II.....	N	1 800
47. Mary K. McNattin, Tabulating Machine Operator II....	N	2 130
48. Mrs. Eileen A. Dickerson, Tabulating Machine Operator I	N	2 070
<i>Total, Office of Admissions and Records.....</i>		\$124 620¹

Committee on Admissions from Secondary Schools

1. Mrs. Sieglinde H. Johnson, Secretary.....	N50	\$ 1 290
(See Education).....	N50	(1 290)
(Total Salary).....		(2 580)
<i>Total, Committee on Admissions from Secondary Schools</i>		\$ 1 290

Nonacademic Personnel

1. Ruth E. Harris, Assistant Director.....	N	\$ 6 360
2. H. C. Johnson, Personnel Officer.....	N	6 450
3. Kathryn G. Hansen, Personnel Officer.....	N	5 730
(See Psychology).....		(5 730)
(Total Salary).....		(4 140)
4. W. J. Hylbert, Placement Officer.....	N	
(On leave without pay for military service)		
5. Grace M. Gifford, Chief Clerk.....	N	4 080
6. R. E. Hartz, Personnel Technician.....	N	4 020
7. Mrs. Anabel C. Gilroy, Secretary.....	N	3 900
8. R. O. Watson, Placement Officer.....	N	3 900
9. Mrs. Frances W. Amsbary, Placement Officer.....	N90	3 630
10. Mrs. Lola Toye, Visiting Nurse.....	N	3 630
11. Jean Erickson, Personnel Technician.....	N	3 300
12. Rachel Edwards, Clerk III.....	N	2 700
13. Mrs. Doris K. Wylie, Clerk II.....	N	2 400
14. Janet Hollingsworth, Clerk-Typist II.....	N	2 310
15. Mrs. Margaret Bayler, Clerk-Stenographer II.....	N	2 280
16. Frances S. Hara, Clerk-Typist II.....	N	2 220
17. Patricia F. Kelly, Clerk II.....	N	2 130
18. Mrs. Margaret Wessel, Clerk II.....	N	2 070
19. Geraldine Wilson, Clerk-Typist II.....	N	1 800
20. Mrs. Florence Plaisted, Clerk II.....	N	1 800

¹ Distribution of Admissions and Records salaries to Accountancy Committee and Entrance Examinations:

	<i>Accountancy Committee</i>	<i>Entrance Examinations</i>
M. Zella Hall.....	\$1 600	\$.....
E. J. Smith.....	.....	2 500
Charlotte Camp.....	900	.....
Alta Bagott.....	.....	400
Mrs. Doris Billick.....	760	.....
Mrs. Patricia R. Summers.....	.....	1 220
Mrs. Sally Matsuura.....	.....	1 500
Mrs. Elizabeth E. Shirley.....	1 980	.....
<i>Total.....</i>	\$5 240	\$5 620

STENOTYPE SERVICE (Paid from Stenotype Service Operations)

21. Mrs. Madeline Berg, Secretary..... N (3 600)

STENOGRAPHIC SERVICE (Paid from Stenographic Service Operations)

22. Mrs. Esther Landin, Chief Clerk..... N (3 870)

23. C. D. Ellis, Office Appliance Operator III..... N (3 360)

24. Mrs. Dorothy J. Sohl, Clerk III..... N (2 340)

25. D. R. Beedle, Office Appliance Operator II..... N (2 310)

26. Mrs. Helen E. Haworth, Office Appliance Operator II..... N (2 280)

27. W. H. McCall, Duplicating Machine Operator II..... N (2 160)

28. G. H. Sadler, Office Appliance Operator II..... N (2 160)

29. Mrs. Barbara J. Bogan, Clerk II..... N (2 130)

30. Shirley F. Mulvany, Clerk-Typist II..... N (2 130)

31. Helen Starcher, Clerk II..... N (2 070)

32. Josephine Culotta, Clerk II..... N (2 010)

33. Mrs. Leona Robbins, Office Appliance Operator II..... N⁵⁰ (1 140)

34. C. Jean B. Crockett, Clerk II..... N⁵⁰ (1 020)

35. Bette A. Holland, Clerk-Typist II..... N (1 920)

36. C. W. Dowling, Duplicating Machine Operator II..... N (2 100)

(On leave without pay for military service)

37. Leland Warmoth, Duplicating Machine Operator II..... N (2 100)

(On leave without pay for military service)

Total, Nonacademic Personnel..... \$ 64 710

Legal Counsel

1. E. L. Palmberg, Assistant to Legal Counsel..... N \$ 5 730

2. Mrs. Mary N. Fickel, Clerk-Stenographer III..... N 2 520

3. Mrs. Marilyn S. Osborne, Clerk-Stenographer III..... N 2 220

Total, Legal Counsel..... \$ 10 470

Dean of Students Office Dean of Students

1. Hazel A. Yates, Secretary..... N \$ 4 620

2. Mrs. Barbara J. Foil, Clerk-Stenographer II..... N 1 980

Total, Dean of Students..... \$ 6 600

Dean of Men

1. Mrs. Ruth C. Moulton, Secretary..... N \$ 2 670

2. Mary E. Beach, Clerk-Stenographer III..... N 2 730

3. India Mathis, Placement Officer..... N 3 450

4. Mrs. Doris F. Pritchard, Clerk-Typist II..... N 2 310

5. Patricia Zimmerman, Clerk-Stenographer I..... N⁵⁰ 990

(From Hospital and Medical Services)..... N⁵⁰ (990)

(Total Salary)..... (1 980)

6. Mrs. Viola M. Weller, Clerk-Typist II (From Hospital and Medical Services)..... N (1 800)

7. Mrs. Eileen M. Milanski, Clerk-Typist I (From Hospital and Medical Services)..... N (1 980)

VETERANS EQUIPMENT SUB-DIVISION (All positions from Veterans Equipment Procurement)

8. Mrs. Jeane M. Stites, Clerk-Stenographer III..... N (2 640)

9. Mrs. Adelia L. Casey, Clerk-Typist III..... N (2 520)

10. Mrs. Kathryn Willms, Clerk II..... N (2 220)

11. Mrs. Rixie M. McHenry, Clerk-Typist II..... N (2 010)

12. Mrs. Marilyn M. Cooper, Clerk-Typist II..... N (1 830)

13. Gladys Porter, Clerk-Typist II..... N (1 830)

Total, Veterans Equipment Procurement..... (13 050)

Total, Dean of Men..... \$ 12 150

Dean of Women

1. Frances E. Swanson, Secretary..... N \$ 3 690

2. Mrs. Helen T. Smith, Clerk-Stenographer III..... N 2 580

3. Patricia Pixley, Clerk-Stenographer I.	N	1 890
4. Lorraine E. Dyson, Clerk-Stenographer I.	N	2 010
5. Gertrude A. Jordan, Clerk-Stenographer I.	N	1 950
<i>Total, Dean of Women.</i>		<u>\$ 12 120</u>

Health Service

1. Vannie L. Sheiry, Secretary.	N	\$ 3 540
2. L. R. Hyde, Chief Clerk.	N	3 540
3. Gertrude Ford, Secretary.	N	2 580
4. Claude Jackson, Clerk III.	N	2 400
5. Rosemary B. Lyons, Clerk III.	N	1 980
6. Mrs. Harriett S. Long, Clerk II.	N	2 280
7. Mrs. Betty L. Frederick, Clerk-Typist II.	N	2 220
8. Mrs. Alice R. Smith, Clerk-Stenographer II.	N	2 070
9. Mrs. Mary A. Stelling, Clerk-Stenographer II.	N	2 070
10. Mrs. Manda F. Schultz, Clinical Laboratory Technician.	N	2 760
11. Helen A. Freeman, Clinic Nurse.	N	3 000
12. Mrs. Orpha Striegel, Clinic Nurse.	N	2 910
(On leave without pay to November 1, 1951)		
13. Mrs. Margaret T. Manley, Clinic Nurse (Paid from Item 12).	N	2 910
14. Mrs. D. Irene McMahon, Clinic Nurse.	N	2 910
<i>Total, Health Service.</i>		<u>\$ 34 260</u>

McKinley Hospital

1. Mrs. Lois H. Hoag, Superintendent.	N	\$ 6 000 ^{MM}
2. W. T. Coggeshall, Laboratory and X-Ray Technician.	N	4 803 ^{MM}
3. C. E. Swinehart, Business Manager.	N	4 800
4. Mrs. Marjorie M. Fisher, Dietitian.	N	3 120 ^{MM}
5. Mrs. Oleda B. Smith, Head Nurse.	N	3 390 ^{MM}
6. Alma N. Chesnut, Assistant Head Nurse.	N	3 000 ^{RB}
7. Mrs. Inez R. Werts, Assistant Head Nurse.	N ⁵⁰	1 680
8. Mrs. Luba B. Borleff, Assistant Head Nurse.	N	3 180 ^{MM}
9. Mrs. Eva M. Lavenhagen, Assistant Head Nurse.	N	3 180 ^{MM}
10. Mrs. Mary A. Leonard, Assistant Head Nurse.	N	2 760 ^M
11. Mrs. June M. Masek, Staff Nurse.	N	2 580 ^M
12. Mrs. Ramona L. Henderson, Staff Nurse.	N	2 490 ^{MM}
13. Dorothy J. Endsley, Staff Nurse.	N	2 310 ^{RB}
14. Mrs. Rosa B. Lane, Staff Nurse.	N	2 490 ^{MM}
15. Mrs. Agnes F. Schunneeman, Staff Nurse.	N ⁵⁰	1 245 ^{MM}
16. Mrs. Florence K. Fair, Staff Nurse.	N	2 490 ^{MM}
17. Clara K. Nicely, Staff Nurse.	N	2 310 ^{RB}
18. _____, Staff Nurse.	N	2 232 ^{MM}
19. _____, Staff Nurse.	N	2 232 ^{MM}
20. _____, Staff Nurse.	N	2 232 ^{MM}
21. _____, Staff Nurse.	N	2 232 ^{MM}
22. _____, Staff Nurse.	N	2 232 ^{MM}
23. Marjorie A. Pryor, Assistant Laboratory Technician.	H	2 400 ^{RB}
24. Helen Otto, Cook I.	N	2 484 ^{MM}
25. Mrs. Lola Jenkins, Cook II.	N	2 142 ^{MM}
26. Frances M. Potter, Cook II.	N	2 094 ^{MM}
27. Anna M. Bussman, Kitchen Helper.	N	1 974 ^{MM}
28. Alice Armstrong, Kitchen Helper.	N	1 974 ^{MM}
29. Ellie E. Stortzum, Kitchen Helper.	N	1 872 ^{RB}
30. Martha Walker, Kitchen Helper.	N	1 824 ^{MM}
31. Mrs. Esther E. Freese, Kitchen Helper.	N	1 824 ^{MM}
32. Mrs. Laura Mildenstein, Seamstress.	N	1 800 ^{RB}
33. Mrs. Laura E. Smith, Kitchen Helper.	N	1 824 ^{MM}
<i>Total, McKinley Hospital Operation.</i>		<u>\$ 85 200</u>

Housing Division

1. S. W. Rahn, Supervisor of Off-Campus Housing.	N	\$ 5 490
2. Mrs. Clara D. Fay, Consultant for Women's Housing.	N	4 950

3. H. L. Gott, Housing Maintenance Supervisor.....	N20	978
(See Residence Halls Administration).....	N80	(3 972)
(Total Salary).....		(4 950)
4. K. L. Thurston, Senior Accountant.....	N7	322
(See Residence Halls Administration).....	N93	(3 998)
(Total Salary).....		(4 320)
5. Mrs. Lois J. Comer, Clerk-Stenographer III.....	N60	1 548
(See Residence Halls Administration).....	N40	(1 032)
(Total Salary).....		(2 580)
6. Mrs. Roberta Jacobs, Housing Visitor.....	N	2 640
7. W. W. Warren, Housing Visitor.....	N	2 400
8. _____, Clerk-Stenographer II.....	N	2 100
9. Mrs. Virginia Hopkins, Clerk-Stenographer II.....	N	2 070
<i>Total, Housing Division</i>		\$ 22 498
University Placement Bureau		
1. Nancy R. Holmes, Placement Officer.....	N	\$ 3 300
2. Mrs. Lucille C. Colby, Clerk-Stenographer II.....	N	2 070
<i>Total, University Placement Bureau</i>		\$ 5 370
Security Office		
1. J. E. Blaze, Supervisor of Security and Traffic.....	N50	\$ 2 715
(See Police and Watchmen).....	N50	(2 715)
(Total Salary).....		(5 430)
2. R. S. Laymon, Assistant Supervisor of Security and Traffic.....	N50	2 085
(See Police and Watchmen).....	N50	(2 085)
(Total Salary).....		(4 170)
3. W. D. Poore, Chief Clerk.....	N	3 750
4. Lois G. McAllister, Secretary.....	N	3 300
5. Jean L. Weir, Clerk-Stenographer II.....	N	1 920
6. _____, Clerk-Stenographer II.....	N	1 920
7. Ida Thompson, Clerk I.....	N	1 770
<i>Total, Security Office</i>		\$ 17 460
Building Program Committee		
1. Mrs. Doyne Proudfit, Clerk-Stenographer III.....	N67	\$ 1 680
(See Civil Engineering).....	N33	(840)
(Total Salary).....		(2 520)
<i>Total, Building Program Committee</i>		\$ 1 680
Committee on Student English		
1. _____, Clerk-Typist II.....	N	\$ 1 800
<i>Total, Committee on Student English</i>		\$ 1 800
Illini Center		
1. Betty J. Starck, Placement Officer.....	N	\$ 3 540
2. Mary Jane Martin, Supervisor of Illini Center.....	N	2 910
3. Eleanor F. Bloodgood, Clerk-Stenographer II.....	N	2 910
<i>Total, Illini Center</i>		\$ 9 360

COLLEGE OF LIBERAL ARTS AND SCIENCES

Administration

1. Lucille N. Ellis, Secretary.....	N	\$ 4 890
2. Cherry R. Hudspeth, Secretary.....	N	3 300
3. Marjorie J. Giesler, Secretary.....	N	3 300
4. Mrs. Patricia L. Stoecker, Clerk-Stenographer III.....	N	2 220
5. Mrs. Nobu Asaki, Clerk-Stenographer II.....	N	2 070
6. Margery E. Baskett, Clerk-Typist II.....	N	1 800

7. P. K. Kjelskus, Senior Laboratory Mechanic (Biological Sciences).....	N	4 281
8. A. S. Wilson, Junior Laboratory Mechanic (Biological Sciences).....	N	3 510
9. _____, Clerk-Stenographer II.....	N25	450
<i>Total, Administration</i>		\$ 25 821

Bacteriology

1. M. T. McBride, Senior Laboratory Attendant.....	N	\$ 3 861
2. R. W. Hinton, Junior Laboratory Attendant.....	N	3 090
3. _____, Clerk-Stenographer III.....	N	1 920
(From Swift & Co.—Study of Spores).....		(180)
(Total Salary).....		(2 100)
4. Nada M. Richardson, Clerk-Typist II.....	N50	1 050
5. _____, Clerk-Stenographer II.....	N	1 980
6. W. W. Campbell, Junior Laboratory Attendant.....	N	2 700
7. Mrs. Rose A. Barzak, Clerk-Stenographer II.....	N50	1 125
(From American Cancer Society—Luria).....	N25	(562)
(From U. S. Public Health C-1094-C).....	N25	(563)
(Total Salary).....		(2 250)
<i>Total, Bacteriology</i>		\$ 15 726

Cooperative Investigations**AMERICAN CANCER SOCIETY—V-3D**

1. A. W. Williford, Junior Laboratory Attendant.....	N	\$ 2 700
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Botany

1. W. R. Cook, Senior Laboratory Mechanic.....	N	\$ 4 170
2. H. F. Dunlap, Junior Laboratory Attendant.....	N	3 240
3. M. Eileen Mayer, Chief Clerk.....	N	3 900
4. Mrs. Elizabeth D. Kirk, Scientific Artist.....	N	3 630
5. Mrs. Eileen B. McCulley, Clerk-Typist II.....	N	1 980
6. Mrs. Selma Z. Sachs, Clerk-Typist II.....	N	1 950
7. H. E. Ahles, Junior Laboratory Attendant.....	N	2 760
8. _____, Greenhouse Supervisor.....	N	3 600
<i>Total, Botany</i>		\$ 25 230

Chemistry

1. L. F. Goodyear, Senior Glass Blower.....	N95	\$ 5 490
(See Chemistry Academic).....	DY5	(300)
(Total Salary).....		(5 790)
2. Lee Whyte, Laboratory Program Assistant.....	N	5 430
3. Mrs. Elsie M. Wilson, Chief Clerk.....	N	3 600
4. Mrs. Barbara W. Stillman, Clerk-Stenographer III.....	N	3 000
5. Mary L. Murray, Clerk-Stenographer III.....	N	2 820
6. Wandalou Murphy, Clerk-Stenographer II.....	N	2 280
7. Charlotte Gordon, Clerk-Stenographer II.....	N	2 190
8. Mrs. Lois Michalowski, Clerk-Stenographer II.....	N	2 130
9. Mrs. Betty L. Raines, Clerk-Stenographer II.....	N	2 130
10. Gracye M. Parks, Clerk-Stenographer II.....	N	2 130
11. Mrs. Wilma W. Maisch, Clerk-Typist I.....	N	1 800
12. Jeannette E. Morenz, Clerk-Stenographer II.....	N50	960
(From Upjohn Co.—Antibiotic Research).....	N50	(960)
(Total Salary).....		(1 920)
13. _____, Clerk-Stenographer II.....	N	1 920
14. M. T. Murrell, Storekeeper.....	N	3 960
15. C. E. Dalton, Storekeeper.....	N	3 960
16. C. M. Scott, Storekeeper.....	N	3 960
17. G. A. Pittman, Storekeeper.....	N	3 666
18. C. S. Coad, Storekeeper.....	N	3 480
19. Gladson Burton, Storekeeper.....	N	3 438
20. E. N. Genung, Senior Laboratory Attendant.....	N	3 846

21. A. E. Wood, Senior Laboratory Mechanic.....	N	4 590
22. C. W. Powers, Senior Laboratory Mechanic.....	N	4 350
23. C. B. Dunn, Senior Laboratory Mechanic.....	N	4 230
24. S. A. Phillips, Senior Laboratory Mechanic.....	N	3 990
25. V. F. Walters, Junior Laboratory Mechanic.....	N	3 750
26. R. D. Lewis, Stores Clerk.....	N	2 760
27. R. J. Hales, Stores Clerk.....	N	3 168
28. R. E. Brown, Storekeeper.....	N	3 180
29. J. M. Tierney, Stores Clerk.....	N	2 700
30. L. L. Lafenhagen, Stores Clerk.....	N	2 700
31. E. J. Gray, Stores Clerk.....	N	2 784
32. Glenn Percival, Stores Clerk.....	N	2 700
33. J. T. Kink, Stores Clerk.....	N	2 700
34. Mrs. Ruth M. Mock, Assistant Laboratory Attendant....	N	2 640
<i>Total, Chemistry.....</i>		<u>\$108 432</u>

Cooperative Investigations**RFC RUBBER RESEARCH**

1. Mrs. Mary C. Hanson, Secretary.....	N	\$ 3 750
2. _____, Clerk-Typist III.....	N	2 700

WPB RUBBER RESEARCH

3. Margaret A. Hopper, Clerk-Stenographer II.....	N	2 130
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AT(30-3)28, ATOMIC ENERGY COMMISSION—50%**TRUST ARMY CHEMICAL CORPS—CONTRACT**

No. DA 18-064-CML-445—50%

4. Mrs. Lois L. Martin, Clerk-Stenographer II.....	N	2 100
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Classics

1. Mrs. Maude Ogle, Clerk-Stenographer II.....	N50	\$ 1 050
<i>Total, Classics.....</i>		<u>\$ 1 050</u>

Division of General Studies

1. Mrs. Elizabeth W. Schultz, Clerk-Typist II.....	N	\$ 2 340
<i>Total, Division of General Studies.....</i>		<u>\$ 2 340</u>

English

1. Mrs. Mary K. Peer, Chief Clerk.....	N	\$ 4 170
2. Marguerite R. Fisher, Clerk-Stenographer III.....	N	2 880
3. _____, Clerk-Stenographer II.....	N	2 100
4. Janet S. Bragg, Clerk-Stenographer II.....	N	2 190
5. Barbara J. Dickey, Clerk I.....	N50	990
<i>Total, English.....</i>		<u>\$ 12 330</u>

Entomology

1. Mrs. Bonnie R. Denhart, Clerk-Stenographer III.....	N	\$ 2 820
<i>Total, Entomology.....</i>		<u>\$ 2 820</u>

French

1. Mrs. Martha S. Purl, Clerk-Stenographer II.....	N	\$ 2 250
<i>Total, French.....</i>		<u>\$ 2 250</u>

Geography

1. Mrs. Lois P. Witzig, Secretary.....	N	\$ 2 850
<i>Total, Geography.....</i>		<u>\$ 2 850</u>

Geology

1. Rosa M. Nickell, Secretary.....	N	\$ 3 630
2. Mrs. Bonnie I. Hollandbeck, Clerk-Stenographer II.....	N	1 980
3. _____, Clerk-Typist II.....	N	2 100
<i>Total, Geology.....</i>		<u>\$ 7 710</u>

German

1. Mrs. Constance F. Allison, Clerk-Stenographer III.....	N	\$ 2 580
<i>Total, German</i>		\$ 2 580

History

1. Mrs. Irene F. Levin, Clerk-Stenographer III.....	N	\$ 2 700
<i>Total, History</i>		\$ 2 700

Mathematics

1. Mrs. Zella U. Green, Secretary.....	N	\$ 3 750
2. Mrs. Patricia A. Fink, Clerk-Stenographer II.....	N	2 190
<i>Total, Mathematics</i>		\$ 5 940

Philosophy

1. Mrs. Louise C. Anderson, Clerk-Stenographer II.....	N	\$ 2 100
<i>Total, Philosophy</i>		\$ 2 100

Physiology

1. R. J. Gillogly, Junior Laboratory Attendant.....	N	\$ 2 940
2. Mrs. Myra L. Semones, Secretary.....	N	2 580
3. O. M. Mackey, Assistant Laboratory Attendant.....	N	2 616
4. _____, Clerk-Typist II.....	N	1 800
<i>Total, Physiology</i>		\$ 9 936

Political Science

1. Mrs. Gwyn M. Underwood, Clerk-Stenographer II.....	N	\$ 2 040
2. Mrs. Gladys H. Ellis, Clerk-Stenographer II.....	N ₅₀	1 290
<i>Total, Political Science</i>		\$ 3 330

Psychology

1. Ann Kent, Secretary.....	N	\$ 2 640
2. _____, Clerk-Stenographer III.....	N	2 400
3. Mrs. Janet L. Hines, Clerk-Stenographer III.....	N	2 640
4. _____, Clerk-Typist II.....	G ₅₀	905
(September 1, 1951, to June 30, 1952)		
5. Mrs. Rita Moss, Clerk-Typist III.....	N ₅₀	1 200
6. C. E. Schertz, Assistant Laboratory Attendant.....	N ₅₀	1 140
7. L. P. Schertz, Assistant Laboratory Attendant.....	N ₅₀	1 200
8. Mrs. Therese M. Wayner, Clerk-Typist II.....	N	1 980
<i>Total, Psychology</i>		\$ 14 105

Cooperative Investigations**OFFICE OF NAVAL RESEARCH TASK 16**

1. A. H. Bowman, Instrument Maker.....	N	\$ 5 430
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AIR FORCE 25726

2. Mrs. Rosemary Trinko, Clerk-Typist III.....	N	2 100
3. Beverly J. Butler, Clerk-Typist II.....	N	2 040
4. Nancy Pugsley, Clerk-Typist II.....	N	1 920

ONR N80NR 79600

5. Audrey Weil, Clerk II.....	N	1 860
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DIVIDED POSITION

6. Mrs. Dorothy Lass, Clerk-Typist III.....	N	2 520
(50% ONR TO16; 50% Air Force 13882)		

Sociology and Anthropology

1. Mrs. Elma L. Castor, Secretary.....	N	\$ 3 180
2. _____, Clerk-Typist II.....	G ₅₀	800
(September 1, 1951, to June 30, 1952)		

3. _____, Clerk-Typist II.....	G50	750
(September 1, 1951, to June 30, 1952)		
<i>Total, Sociology and Anthropology.....</i>		<i>\$ 4 730</i>

Spanish and Italian

1. Mrs. Lyle P. Freeman, Clerk-Stenographer III.....	N	\$ 2 220
<i>Total, Spanish and Italian.....</i>		<i>\$ 2 220</i>

Speech

1. Katherine A. Mullen, Secretary.....	N	\$ 3 480
2. Mrs. Margaret C. Bunke, Clerk-Stenographer III.....	N	2 460
3. Mrs. Evelyn M. Owens, Clerk-Stenographer III.....	N	2 400
4. Mrs. Audrey V. Baum, Clerk-Stenographer II.....	N	2 220
5. Mrs. Wanda R. Hutchinson, Clerk-Stenographer III.....	N	2 400
6. Mrs. Bonnie A. Nelson, Clerk-Stenographer II.....	N	1 920
<i>Total, Speech.....</i>		<i>\$ 14 880</i>

Zoology

1. O. C. McMillin, Storekeeper.....	N	\$ 3 960
2. Mrs. Nadine Harshbarger, Secretary.....	N	2 760
3. Mrs. Valerie J. Nelson, Clerk-Stenographer II.....	N	1 920
4. F. B. Norton, Assistant Laboratory Attendant.....	N75	2 019
5. Doris A. Kirkpatrick, Clerk-Stenographer II.....	N50	1 050
6. August Kosowski, Junior Laboratory Mechanic.....	N	3 690
7. _____, Clerk-Stenographer II.....	N	1 800
<i>Total, Zoology.....</i>		<i>\$ 17 199</i>

Museum of Natural History

1. Mrs. Mary Ann Nugent, Clerk-Stenographer II.....	N50	\$ 1 110
<i>Total, Museum of Natural History.....</i>		<i>\$ 1 110</i>

**COLLEGE OF AGRICULTURE AND AGRICULTURAL
EXPERIMENT STATION***Explanation of Symbols in Titles:*

C = College; S = Station; E = Extension

Administration

1. Mrs. Neva B. Klockner, Secretary (C-2325; S-2325).....	N	\$ 4 650
2. Mabel I. O'Neill, Chief Clerk (S).....	N	3 660
3. E. E. Lowry, Office Supervisor (S).....	N	3 660
4. Lois M. Olson, Junior Accountant (S).....	N	3 360
5. Stella M. Frank, Secretary (C).....	N	3 180
6. Mrs. Ellen K. Workman, Clerk III (S).....	N	2 700
7. Mrs. Helen F. Schersten, Clerk-Stenographer III (S).....	N	2 520
8. Mrs. Betty J. Kampenga, Clerk-Typist III (S).....	N	2 580
9. Mrs. Clara D. Swan, Clerk-Stenographer II (C).....	N	2 400
10. Mrs. Helen Scheflow, Clerk-Typist II (S).....	N	2 100
11. Mrs. Jane O. Lauer, Clerk-Stenographer II (C).....	N	2 100
12. _____, Clerk-Stenographer II (S).....	N	1 920
13. Mrs. Delores D. Goodell, Clerk-Typist I (C).....	N60	1 260
<i>Total, College.....</i>		<i>\$(11 265)</i>
<i>Total, Station.....</i>		<i>\$(24 825)</i>
<i>Total, Administration.....</i>		<i>\$ 36 090</i>

Vocational Agriculture

1. Willadean B. Aumiller, Clerk-Stenographer II.....	N	\$ 2 520
2. _____, Clerk-Stenographer II.....	N50	960
(From Agricultural Research Revolving).....	N50	(960)
(Total Salary).....		(1 920)

3. Margaret L. Humes, Clerk I (From Agricultural Research Revolving).....	N	(1 920)
<i>Total, Vocational Agriculture</i>		\$ 3 480

Dixon Springs Experiment Station

1. Leah M. Dunn, Secretary.....	N50	\$ 1 830
(See Animal Science).....	N50	(1 830)
(Total Salary).....		(3 660)
2. Mrs. E. Juanita Modglin, Clerk-Typist I.....	N	1 740
3. Oakley Robinson, Herdsman.....	N	2 880 ¹
4. N. H. Phelps, Herdsman.....	N	2 880 ¹
5. R. W. Anderson, Junior Laboratory Attendant.....	N75	1 980 ¹
(See Forestry).....	N25	(660)
(Total Salary).....		(2 640)
6. O. B. Trammel, Farm Laborer.....	N	2 880
7. Lee Phelps, Farm Laborer.....	N	2 880 ¹
8. Eugene Wise, Farm Laborer.....	N	2 640 ²
9. J. W. Mizell, Farm Laborer.....	N	2 640 ²
10. Earl Williamson, Farm Laborer.....	N	2 520 ²
11. B. W. Hardin, Farm Laborer.....	N	2 400
12. E. L. Baker, Farm Laborer.....	N	2 400 ¹
13. A. W. Morris, Farm Laborer.....	N	2 400
14. M. R. Wells, Farm Laborer.....	N	2 520
15. J. W. Childress, Farm Laborer.....	N	2 400
16. P. W. Morse, Farm Laborer.....	N	2 400
17. J. R. Bailey, Farm Laborer.....	N	2 160
18. R. T. Anderson, Farm Laborer.....	N	2 400
19. Roy Brush, Farm Laborer.....	N	2 370
20. Clarence Tooley, Farm Laborer.....	N	2 370
21. Edward Sharp, Farm Laborer.....	N	2 400
22. Gene Harper, Farm Laborer.....	N	2 400
23. James Trigg, Farm Laborer.....	N	2 370
<i>Total, Dixon Springs Experiment Station</i>		\$ 55 860

Agricultural Economics

1. Ruth Gorrell, Secretary (C-915; S-2745).....	N	\$ 3 660
2. Mrs. Thelma S. O'Neil, Clerk III (C-915; S-2745).....	N	3 660
3. Mary M. Graham, Clerk III (S).....	N	2 520
4. Mrs. Ellen W. Shroyer, Clerk II (S).....	N50	1 050
(From Trust-Farm Management Fund).....	N50	(1 050)
(Total Salary).....		(2 100)
5. Elizabeth C. Heckman, Clerk-Stenographer II (S).....	N	2 190
6. Betty G. Epperson, Clerk-Stenographer II (S).....	N50	1 095
(See Purnell Fund).....	N50	(1 095)
(Total Salary).....		(2 190)
7. Mrs. Mary P. Haas, Office Appliance Operator II (S).....	N	2 070
8. Mrs. Elizabeth P. Legator, Office Appliance Operator I (S).....	N	2 070
9. Mrs. Barbara J. Wilson, Clerk-Typist I (S).....	N	1 680
<i>Total, College</i>		\$ (1 830)
<i>Total, Station</i>		\$ (18 165)
<i>Total, Agricultural Economics</i>		\$ 19 995

Farm Account Revolving (Entire budget from receipts)

1. Mrs. Hazel R. Currier, Office Appliance Operator II (S).....	N28	\$ 570
(From State Soil Conservation Service).....	N72	(1 500)
(Total Salary).....		(2 070)
2. Doris M. Ingram, Office Appliance Operator I (S).....	N	1 800
3. ———, Office Appliance Operator I (S).....	N	1 740
4. ———, Office Appliance Operator I (S).....	N	1 680
<i>Total, Farm Account Revolving</i>		\$ 5 790

¹ With perquisites valued at \$240 a year, for the convenience of the employee.² With perquisites valued at \$180 a year, for the convenience of the employee.

Agricultural Engineering

1. Helen G. Patton, Secretary (C-1710; S-1710).....	N	\$ 3 420
2. Florence L. Reece, Clerk III (C-1200; S-1200).....	N	2 400
3. Mrs. Dorothy J. Heller, Clerk-Stenographer II (S).....	N	2 280
4. Wanda L. Cross, Clerk-Typist I (S).....	N	1 830
5. _____, Clerk-Typist I (C-420; S-1260).....	N	1 680
6. F. R. Wiley, Senior Laboratory Mechanic (C-1740; S-2610).....	N	4 350
7. Guy Hart, Senior Laboratory Attendant (C-1881; S-1881).....	N	3 762
8. A. L. Carlson, Junior Laboratory Attendant (C-1470; S-1470).....	N	2 940
9. Roy Brockett, Junior Laboratory Mechanic (S).....	N	3 510
10. Joanna H. Mersereau, Draftsman (S).....	N	3 120
<i>Total, College</i>		\$ (8 421)
<i>Total, Station</i>		\$ (20 871)
<i>Total, Agricultural Engineering</i>		\$ 29 292

Agronomy

1. Cecele E. Schlarmann, Office Supervisor (C).....	N	\$ 3 960
2. Lulu B. Meyers, Chief Clerk (S).....	N	3 960
3. Ada J. Wiles, Clerk III (C-1260; S-1260).....	N	2 520
4. Mrs. Nelle G. Pieper, Clerk II (S).....	N	2 310
5. Mrs. Lucille A. Poehler, Clerk-Typist II (S).....	N	2 310
6. Mrs. Evelyn A. Grussing, Clerk-Typist II (C).....	N	2 100
7. Mrs. Mary L. McLoughlin, Clerk-Typist II (S).....	N	2 040
8. _____, Clerk-Typist II (S).....	N	1 920
9. Lucille J. Saathoff, Clerk-Typist II (S).....	N	2 040
10. Marjorie E. Keagle, Clerk-Typist I (S).....	N	1 860
11. _____, Clerk-Typist I.....	N	1 800
12. Mrs. Mamie G. Hurst, Office Appliance Operator II (S).....	N	1 890
13. Dorothy A. Stein, Office Appliance Operator II (S).....	N	(1 800)
(See Research and Marketing)		
14. F. V. Percival, Junior Laboratory Attendant (S).....	N	3 240
15. W. J. Armon, Junior Laboratory Attendant (S).....	N	3 240
16. M. L. Powell, Junior Laboratory Attendant (S).....	N	2 800
17. P. O. Pickens, Junior Laboratory Attendant (S).....	N	2 700
18. L. W. Clapp, Farm Foreman (S).....	N	4 110
19. Q. A. Calder, Fieldman (S).....	N	3 450 ¹
20. C. O. Smith, Fieldman (S).....	N	3 450
21. W. M. Reymer, Fieldman (S).....	N	3 450
22. I. B. Bergfield, Fieldman (S).....	N	3 450
23. L. R. Anderson, Fieldman (S).....	N	3 450
24. H. M. Hayes, Fieldman (S).....	N	3 450
25. O. W. Pile, Fieldman (S).....	N	3 450
26. R. R. Bell, Fieldman (S).....	N	3 540 ¹
27. D. E. Rosenbery, Fieldman (S).....	N	3 120
28. E. R. Hutson, Agricultural Gardener (S).....	N	3 450
29. L. E. Thompson, Draftsman (S).....	N	3 090
30. H. P. Etler, Clerk II.....	N	.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
<i>Total, College</i>		\$ (7 320)
<i>Total, Station</i>		\$ (74 830)
<i>Total, Agronomy</i>		\$ 82 150

Animal Science

1. Leah M. Dunn, Secretary (S).....	N50	\$ 1 830
(See Dixon Springs Experiment Station).....	N50	(1 830)
(Total Salary).....		(3 660)
2. Mrs. Marie M. Bierfeldt, Secretary.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		

¹ Plus perquisites valued at \$276, for the convenience of the employee.

3. Mrs. Linnetta M. Parry, Secretary (C).....	N	3 060
4. Hattie Cole, Clerk III (C).....	N	2 850
5. Mrs. Alma E. White, Clerk-Stenographer III (S).....	N	2 700
6. Mrs. Mary E. Brown, Junior Statistician (S).....	N	2 580
7. Mrs. Margaret Schrader, Clerk-Stenographer II (S).....	N	2 400
8. Mrs. Helen D. Kennedy, Clerk-Stenographer II (C).....	N	2 460
9. Mrs. Betty J. Coon, Clerk-Typist II (S).....	N	2 130
10. Mrs. Mary A. Welch, Clerk-Stenographer II (S).....	N	2 190
11. Mrs. Barbara Nichols, Clerk-Stenographer II (S).....	N	2 190
12. Peggy J. Wacker, Clerk-Stenographer I (S).....	N	2 010
13. Mrs. Valerie C. Hiscocks, Clerk-Stenographer I (C).....	N	2 010
14. Maurice Key, Supervising Farm Foreman (C).....	N	4 080 ¹
15. W. J. Hampton, Herdsman Foreman (S).....	N	4 080 ¹
16. J. L. Munson, Herdsman Foreman (S).....	N ⁵⁰	2 040 ¹
(From Feed Storage).....	N ⁵⁰	(2 040)
(Total Salary).....		(4 080)
17. J. B. Cogswell, Herdsman Foreman (C).....	N	4 080 ¹
18. R. H. McDade, Herdsman Foreman (S).....	N	4 080 ¹
19. Alex Edgar, Herdsman Foreman (C).....	N	4 080 ¹
20. W. W. McWard, Herdsman Foreman (S).....	N	4 080 ¹
21. Jasper Lewis, Butcher (S).....	N ⁵⁰	2 100
(See Purnell Fund).....	N ⁵⁰	(2 100)
(Total Salary).....		(4 200)
22. Jack Roughton, Meat Cutter (S).....	N ⁵⁰	1 170
(See Purnell Fund).....	N ⁵⁰	(1 170)
(Total Salary).....		(2 340)
23. W. W. Hanes, Storekeeper (S).....	N	3 960
24. J. E. Murdock, Stores Clerk (S).....	N ⁵⁰	1 620
(See Horticulture).....	N ⁵⁰	(1 620)
(Total Salary).....		(3 240)
25. E. W. Martin, Senior Laboratory Attendant (S).....	N	3 870
26. R. R. Marsh, Senior Laboratory Attendant (S).....	N	3 480
27. G. D. Wood, Junior Laboratory Attendant (S) (See Adams and Bankhead-Jones Funds).....	N	(3 180)
28. W. A. Forr, Junior Laboratory Attendant (S).....	N	2 940
29. W. G. Reinhart, Junior Laboratory Attendant (S).....	N	2 820
30. G. C. Edwards, Assistant Laboratory Attendant.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
31. R. F. Block, Herdsman (S).....	N	3 510
32. W. O. Eaton, Herdsman (S).....	N	2 940
33. W. J. Eickhoff, Poultryman (S).....	N	3 510
34. M. J. Coon, Poultryman (S).....	N	3 510
35. J. P. Rayburn, Fieldman (S).....	N	3 540
36. W. A. Majors, Herdsman (C).....	N	3 450
37. Elmer Spencer, Herdsman (C).....	N	3 450
38. B. V. Deany, Herdsman (S).....	N	3 120
39. T. L. Matteson, Herdsman (C).....	N	3 450
40. W. E. Roberts, Herdsman (S) (From Feed Storage).....	N	(3 510)
41. G. A. Barnett, Herdsman (S).....	N	3 450
42. R. B. Schoene, Poultryman (C).....	N	3 060
43. A. G. Potts, Fieldman (S).....	N	3 450
44. E. W. Lewis, Fieldman (S).....	N	3 450
45. J. W. Butler, Fieldman (C).....	N	3 450
46. J. C. Mitsdarfer, Fieldman (S).....	N	3 240
47. W. E. Schulthes, Fieldman (C).....	N	3 090
48. O. P. Lewis, Herdsman (S).....	N	3 090
49. Roy Byard, Farm Laborer.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
Total, College.....		\$ (42 570)
Total, Station.....		\$ (91 080)
Total, Animal Science.....		\$133 650

¹ Plus perquisites valued at \$360, for the convenience of the employee.

Dairy Science

1. Helen M. Hawk, Secretary (C-1830; S-1830).....	N	\$ 3 660
2. June E. Jenkins, Clerk-Stenographer III (C).....	N	3 000
3. Mrs. M. Lois Brooks, Clerk-Stenographer III (C-1350; S-1350).....	N	2 700
4. Mrs. Betty D. Pittenger, Clerk III (C-1230; S-1230).....	N	2 460
5. Mrs. Marjorie M. Hildreth, Clerk-Stenographer II (C-1200; S-1200).....	N	2 400
6. Florence E. Sprehe, Clerk-Stenographer II (C).....	N	1 710
(See Official Test Revolving).....		(480)
(Total Salary).....		(2 190)
7. Delores O'Keefe, Clerk-Stenographer II (C-480; S-1440).....	N	1 920
8. Mrs. Patricia A. Rich, Clerk-Typist II (C-900; S-900).....	N	1 800
9. Leona M. Tyler, Clerk-Typist II (C-1005; S-1005).....	N	2 010
10. Ruth E. McConaha, Clerk-Typist I (C).....	N	1 920
11. C. E. Griffet, Senior Laboratory Attendant (C-990; S-2970).....	N	3 960
12. G. D. Roller, Senior Laboratory Attendant (S).....	N	3 180
13. N. F. Mosser, Supervising Farm Foreman.....	N	.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
14. Fay Campbell, Farm Foreman (S).....	N	4 080 ¹
15. R. L. Shirley, Herdsman Foreman (C-2070; S-2070).....	N	4 140 ¹
16. A. E. Miller, Herdsman (S).....	N	3 540
17. J. A. Voss, Herdsman (C-1755; S-1755).....	N	3 510
18. O. C. Starwalt, Herdsman (S).....	N	3 510
19. R. E. King, Herdsman (C).....	N	3 510
20. W. R. Smith, Herdsman (S).....	N	3 510
21. J. V. Vanderwall, Herdsman (S).....	N	3 390
22. R. C. Stephens, Fieldman (S).....	N	3 510
23. G. L. Campbell, Herdsman (C).....	N	3 450
24. Frank Seiler, Herdsman (S).....	N	3 450
25. L. A. Greathouse, Herdsman (S).....	N	3 450
26. B. E. Hammitt, Herdsman (C).....	N	3 450
27. B. E. Petty, Herdsman (S).....	N	3 450
28. C. S. Spitz, Herdsman (C).....	N	3 450
29. G. L. Foreman, Herdsman (S).....	N	3 450
30. J. S. Blaford, Herdsman (S).....	N	3 450
31. R. R. Layman, Herdsman (C).....	N	3 450
32. P. H. Gray, Fieldman (S).....	N	3 450
33. M. W. Trimble, Fieldman (S).....	N	3 450
34. E. S. Poehler, Herdsman (S).....	N	3 390
35. H. H. Ray, Herdsman (S).....	N	3 270
36. Lester Carender, Herdsman (S).....	N	3 060
37. R. M. Clevenger, Herdsman (S).....	N	3 060
38. J. E. Farr, Herdsman (S).....	N	3 120
39. Silas Roland, Herdsman.....	N	.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
40. J. E. Barnes, Herdsman.....	N	.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
Total, College.....		\$ (36 750)
Total, Station.....		\$ (80 520)
Total, Dairy Science.....		\$117 270

Official Test Revolving (Entire budget from receipts)

1. Florence E. Sprehe, (See Dairy Science, Item 6).....	N	\$ 480
2. A. J. Whitby, Advanced Registry Tester.....	N	(2 940)
(On leave without pay from June 1 to November 30, 1951)		
3. Layton Anderson, Advanced Registry Tester.....	N	2 940

¹ Plus perquisites valued at \$360, for the convenience of the employee.

4. C. K. Hays, Advanced Registry Tester.....	N	2 940
5. T. D. Miner, Advanced Registry Tester.....	N	2 940
6. C. M. Graves, Advanced Registry Tester.....	N	2 940
7. Logan Lundgren, Advanced Registry Tester.....	N	2 700
8. C. E. Lewis, Advanced Registry Tester.....	N	2 460
9. W. T. Lee, Advanced Registry Tester.....	N	2 460
10. Edward Roux, Advanced Registry Tester.....	N	2 460
<i>Total, Official Test Revolving</i>		<u>\$ 22 320</u>

Food Technology

1. Mrs. Martha S. Campbell, Secretary (S).....	N	\$ 3 120
2. Mrs. Agnes M. Tobias, Clerk-Stenographer III (S).....	N50	1 380
(See Dairy Creamery).....	N50	(1 380)
(Total Salary).....		(2 760)
3. Anita Oliviero, Clerk-Stenographer I (S).....	N	1 740
4. J. N. McGill, Senior Laboratory Attendant (S).....	N	3 360
<i>Total, Food Technology</i>		<u>\$ 9 600</u>

Dairy Creamery (Entire budget from receipts)

1. Mrs. Agnes M. Tobias (See Food Technology, Item 2)...	N50	\$ 1 380
2. Mrs. Clara T. L. Yee, Clerk-Typist I.....	N	1 920
3. V. L. Swearingen, Creamery Manager.....	N	5 400
4. W. L. Herriott, Creamery Man.....	N	3 540
5. W. H. Reinhart, Creamery Man.....	N	3 540
6. R. J. Getz, Creamery Man.....	N	3 390
<i>Total, Dairy Creamery</i>		<u>\$ 19 170</u>

Forestry

1. Dorothy E. Hanke, Secretary (C).....	N	\$ 3 660
2. Mrs. Maude E. Fox, Clerk-Stenographer II (C).....	N	2 220
3. R. W. Anderson, Junior Laboratory Attendant (S).....	N25	660
(See Dixon Springs Experiment Station).....	N75	(1 980)
(Total Salary).....		(2 640)
<i>Total, College</i>		<u>\$ (5 880)</u>
<i>Total, Station</i>		<u>\$ (660)</u>
<i>Total, Forestry</i>		<u>\$ 6 540</u>

Home Economics

1. Mrs. Juanita Gates, Secretary.....	N	\$ 3 600
2. Bessie Packard, Clerk-Stenographer III.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
3. Dorothy E. Porter, Clerk III.....	N	2 580
4. R. Eileen Jennings, Clerk-Typist II.....	N	2 280
5. Rose L. Whitaker, Clerk-Stenographer II.....	N	2 220
6. Dorothy J. Breen, Clerk-Typist II.....	N	2 220
7. Mrs. Catherine L. Baumann, Clerk-Typist II.....	N	1 800
8. Phyllis Weasel, Clerk-Typist I.....	N	1 920
9. Mrs. Pearl E. Redmon, Junior Laboratory Attendant.....	N	2 940
10. Mrs. Bernice Haessly, Housekeeper.....	N	2 010
<i>Total, Home Economics</i>		<u>\$ 21 570</u>

Home Economics Cafeteria (Entire budget from receipts)

1. Mrs. Betty Thurn, Junior Laboratory Attendant.....	G87	\$ 1 919 ^M
(Nine months)		
2. _____, Junior Laboratory Attendant.....	G87	1 762 ^M
(Nine months)		
3. Clara Jackson, Kitchen Helper.....	G87	1 329 ^M
(Nine months)		
<i>Total, Home Economics Cafeteria</i>		<u>\$ 5 010</u>

Horticulture

1. Louise Mosgrove, Chief Clerk (C-1980; S-1980).....	N	\$ 3 960
2. Mrs. Anita E. Wilkin, Clerk II (C-1155; S-1155).....	N	2 310
3. Evelyn L. Watson, Clerk-Stenographer II (C-660; S-660) ..	N50	1 320
(From Trust-Monsanto—Fungicides).....	N50	(1 080)
(Total Salary).....		(2 400)
4. Mrs. Marilyn P. Mohr, Clerk-Stenographer II (C).....	N	2 220
5. Mrs. Evelyn R. Watson, Clerk-Stenographer II (S).....	N	2 220
6. Treva E. Willison, Clerk-Stenographer II (C-1005; S-1005) ..	N	2 010
7. —————, Clerk-Stenographer II (C-960; S-960) ...	N	1 920
8. Mrs. Helen O. Landreth, Senior Laboratory Attendant (S) ..	N	3 240
9. Harold McGee, Supervising Farm Foreman (C-2205; S-2205).....	N	4 410
10. W. T. Matthews, Agricultural Gardener Foreman (S).....	N	4 170
11. E. O. Hart, Agricultural Gardener Foreman (C).....	N	3 870
12. Hugo Feldten, Agricultural Gardener Foreman (S).....	N	3 720
13. C. A. Gerber, Agricultural Gardener Foreman (S).....	N	3 000
14. R. F. Michael, Storekeeper (C).....	N	3 960
15. J. E. Murdock, Stores Clerk (C).....	N50	1 620
(See Animal Science).....	N50	(1 620)
(Total Salary).....		(3 240)
16. C. J. Rund, Chief Cold Storage Operator (S).....	N	4 170
17. W. E. Clark, Cold Storage Operator (S).....	N	3 450
18. C. E. Lewis, Cold Storage Operator (S).....	N	3 450
19. J. C. Embry, Agricultural Gardener and Cold Storage Operator (S).....	N	3 450
20. R. C. Chancellor, Agricultural Gardener (S).....	N	3 510
21. Walter Young, Agricultural Gardener (S).....	N	3 450
22. V. E. Anderson, Agricultural Gardener (C).....	N	3 450
23. V. D. Kesler, Agricultural Gardener (S).....	N	3 450
24. F. C. Myers, Agricultural Gardener (S).....	N	3 450
25. E. B. Strader, Agricultural Gardener (S).....	N	3 450
26. I. F. Gudgel, Agricultural Gardener (S).....	N	3 450
27. Garland Riddell, Agricultural Gardener (S).....	N	3 450
28. E. O. Hughes, Agricultural Gardener (S).....	N	3 450
29. C. H. Mohr, Agricultural Gardener (S).....	N	3 210 ¹
30. G. J. Gleason, Agricultural Gardener (S).....	N	3 450
31. C. E. Warren, Agricultural Gardener (S).....	N	3 450
32. S. E. Bundy, Agricultural Gardener (S).....	N	3 450
33. J. F. Reinhart, Agricultural Gardener (S).....	N	3 450
34. V. L. Harris, Agricultural Gardener (S).....	N	3 450
35. Thomas Arie, Agricultural Gardener (S).....	N	3 450
36. A. L. Brummet, Agricultural Gardener (C).....	N	3 450
37. C. J. Miller, Agricultural Gardener (C).....	N	3 450
38. D. E. Nelson, Agricultural Gardener (C).....	N	3 450
39. Clarence Kath, Agricultural Gardener (S).....	N	3 210
40. F. W. Anglin, Agricultural Gardener (S).....	N	3 120
41. P. R. Phillips, Farm Laborer (S).....	N	2 520
42. Peter Hansen, Farm Laborer.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
43. Bert Entler, Agricultural Gardener.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
Total, College.....		\$(33 435)
Total, Station.....		\$(99 255)
Total, Horticulture.....		\$132 690

Cooperative Investigations**MONSANTO CHEMICAL CO.—FUNGICIDES**

1. Mrs. Velva L. Babcock, Assistant Laboratory Attendant..	N	\$ 2 280
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¹ Plus perquisites valued at \$240, for the convenience of the employee.

Veterinary Research

1. M. E. Canavan, Animal Caretaker.....	N	\$ 2 790 ¹
<i>Total, Veterinary Research.....</i>		<i>\$ 2 790</i>

Adams Fund**ANIMAL SCIENCE**

1. G. D. Wood (See Animal Science, Item 28).....	N50	\$ 1 590
<i>Total, Adams Fund.....</i>		<i>\$ 1 590</i>

Bankhead-Jones Fund**DIXON SPRINGS**

1. Leslie Maynor, Farm Laborer.....	N	\$ 2 280 ²
2. Dee Robinson, Farm Laborer.....	N	2 520 ³
3. E. W. Bailey, Farm Laborer.....	N	2 400 ³

AGRICULTURAL ECONOMICS

4. Mrs. Frances C. Frick, Office Appliance Operator II.....	N	2 190
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ANIMAL SCIENCE

5. G. D. Wood (See Animal Science, Item 28).....	N50	1 590
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HOME ECONOMICS

6. Mary E. Edwards, Junior Laboratory Attendant.....	N	2 940
<i>Total, Bankhead-Jones Fund.....</i>		<i>\$ 13 920</i>

Hatch Fund

1. Mrs. Dorothy L. Rosenbery, Clerk II.....	N	\$ 2 250
<i>Total, Hatch Fund.....</i>		<i>\$ 2 250</i>

Purnell Fund**AGRICULTURAL ECONOMICS**

1. Mrs. Prudence S. Potter, Junior Statistician.....	N	\$ 2 700
2. Alice J. Moon, Clerk-Stenographer II.....	N	2 190
3. _____, Clerk-Stenographer II.....	N	1 920
4. Betty G. Epperson (See Agricultural Economics, Item 6).....	N50	1 095
5. _____, Clerk II.....	N50	900
6. Mrs. Bonnie J. Carlson, Office Appliance Operator I.....	N	1 920
7. Mrs. Elsie M. Plummer, Clerk I.....	N	1 800

ANIMAL SCIENCE

8. Jasper Lewis (See Animal Science, Item 22).....	N50	2 100
9. Jack Roughton (See Animal Science, Item 23).....	N50	1 170
<i>Total, Purnell Fund.....</i>		<i>\$ 15 795</i>

Research and Marketing Fund**AGRICULTURAL ECONOMICS**

1. Mrs. Charlene S. Temple, Junior Statistician.....	N	\$ 2 700
2. Mrs. Phyllis M. Hale, Junior Statistician.....	N	2 700
3. Mrs. Mary T. Kresge, Junior Statistician.....	N	2 700
4. Mrs. Dorothea Davis, Clerk-Stenographer II.....	N	1 920
5. Mary Ann Offenstein, Clerk-Stenographer I.....	N	2 010

AGRICULTURAL ENGINEERING

6. Mrs. Mary Ann Childers, Clerk-Typist II.....	N	1 980
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AGRONOMY

7. Dorothy Stein, Office Appliance Operator II.....	N	1 800
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FORESTRY

8. Van Bowman, Farm Laborer.....	N	2 400
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¹ With perquisites valued at \$600 a year for the convenience of the employee.² With perquisites valued at \$240 a year for the convenience of the employee.³ With perquisites valued at \$180 a year for the convenience of the employee.

HOME ECONOMICS

9.	_____	Senior Laboratory Attendant	N	2 880
10.	Mrs. Carol C. Cleven,	Junior Laboratory Attendant	G	2 205
	(September 1, 1951, to May 30, 1952)			
11.	_____	Junior Laboratory Attendant	G	2 205
	(September 1, 1951, to May 30, 1952)			
12.	_____	Junior Laboratory Attendant	N	2 520
	<i>Total, Research and Marketing Fund.</i>			<u>\$ 28 020</u>

ADMINISTRATION

State Agricultural Extension

1.	Marion F. Berry,	Office Supervisor	N	\$ 4 320
2.	Blanche L. Lewis,	Office Supervisor	N	.....
	(On leave without pay until further notice; disability benefits payable by Retirement System)			
3.	Mrs. Emily C. Lathrop,	Secretary	N	3 060
4.	Carolyn Gerdes,	Clerk-Stenographer III	N	2 910
5.	Dorothy K. Waller,	Clerk III	N	2 400
6.	Mrs. Loretta K. Walker,	Clerk-Typist III	N	2 400
7.	Mary R. Plankenhorn,	Clerk II	N	2 460
8.	Mrs. Margaret T. Watson,	Clerk-Stenographer II	N ⁵⁰	1 320
9.	Mrs. Nedra Lee Cole,	Clerk II	N	2 280
10.	Patricia A. Meyers,	Junior Illustrator	N	2 400
11.	Mrs. Joan L. Orcutt,	Clerk-Typist II	N	2 010
12.	Mrs. Dorothy S. Marberry,	Tabulating Machine Operator I	N	2 220
13.	Margaret M. Woods,	Clerk II	N	2 280
14.	Mary E. Turner,	Clerk II	N	2 280
15.	Mrs. Helen L. Graner,	Clerk-Stenographer II	N	2 280
16.	Mrs. Mary A. Huffman,	Clerk-Stenographer II	N	2 160
17.	Evelyn M. Myers,	Clerk-Typist II	N	2 100
18.	Mrs. Carol W. Doemland,	Clerk-Typist II	N	1 980
19.	Marjorie A. Portlock,	Clerk-Stenographer II	N	2 070
20.	Mrs. Arlie A. Klebe,	Clerk-Typist II	N	2 070
21.	Marlene F. Cline,	Clerk-Typist II	N	1 800
22.	Phyllis M. Ponder,	Clerk-Typist II	N	1 800
23.	Mrs. Rose Marie Hire,	Clerk-Typist I	N	1 920
24.	_____	Clerk-Typist I	N	1 800
25.	Aurettia J. Gilmore,	Clerk-Typist I	N	1 920
26.	Mary Rose Donnelly,	Clerk I	N	1 920
27.	Carolyn E. Morrow,	Clerk I	N	1 830
28.	E. Dolores Simmons,	Clerk-Stenographer I	N	1 890
29.	Mary M. Butler,	Clerk I	N	1 680
30.	Mrs. Grace M. McCormick,	Clerk I	N	1 680
31.	_____	Clerk I	N	1 740
32.	_____	Clerk-Typist I	N	1 740
33.	R. E. Otis,	Storekeeper	N	3 420
34.	Carl Empson,	Office Appliance Operator III	N	3 300
35.	Mrs. Helena S. Mulvain,	Office Appliance Operator II	N	2 220
36.	Mrs. Frances L. Connelly,	Office Appliance Operator II	N	1 950
37.	Elizabeth C. Jones,	Duplicating Machine Operator II	N	1 950
38.	Mrs. Alice L. Hinderliter,	Office Appliance Operator II	N	1 950
39.	Mrs. Shirley J. Ingold,	Office Appliance Operator I	N	1 980

HOME ADVISERS

40.	Mrs. Mildred M. Lair,	Office Supervisor	N	3 600
41.	Mrs. Marjorie J. Heimburger,	Clerk-Typist III	N	2 190
42.	Mrs. Lyndall A. Bundy,	Clerk-Typist II	N	2 190
43.	Doris Billie McGath,	Clerk-Typist II	N	1 980
44.	Irma Jane Wells,	Clerk-Typist II	N	2 190
45.	Mrs. Gwen A. Cloyd,	Clerk II	N	2 070
46.	Gloria J. O'Neal,	Clerk-Typist I	N	1 800
47.	Carolyn Mock,	Clerk-Typist I	N	1 800
48.	Mrs. Ethel M. Burge,	Clerk-Typist I	N	1 920

49. Mrs. Geraldine B. Costello, Clerk-Typist I.....	N	I 800
50. —————, Clerk-Typist II.....	N	2 040
51. Hertha L. Bowman, Clerk-Typist I.....	N	I 800
52. Betty L. Gordon, Clerk-Typist I.....	N	I 800
<i>Total, State Agricultural Extension.....</i>		<i>\$110 670</i>

COLLEGE OF ENGINEERING AND ENGINEERING EXPERIMENT STATION

Explanation of Symbols in Titles:

C = College; S = Station

Administration

1. Marie Huber, Chief Clerk (C-2280; S-2280).....	N	\$ 4 560
2. Ramona L. Huber, Chief Clerk (C).....	N	3 510
3. Charlotte L. Gerichs, Clerk-Stenographer III (C).....	N	2 850
4. —————, Clerk-Stenographer III (C).....	N	2 220
5. —————, Clerk-Stenographer II (S).....	N	I 980
6. Mary L. Maxwell, Clerk-Stenographer II (C).....	N	2 310
7. Mrs. Jane L. Halverson, Clerk-Typist II (C-1125; S-1125).....	N	2 250
8. Mrs. Lillian Schottenhamel, Clerk-Typist II (S).....	N	2 130
9. Marijo Knott, Clerk II (C).....	N	I 860
10. Mrs. Hazel S. Herstrom, Clerk II (C).....	N	2 070
11. —————, Clerk I (C).....	N	I 620
<i>Total, College.....</i>		<i>\$(19 845)</i>
<i>Total, Station.....</i>		<i>\$ (7 515)</i>
<i>Total, Administration.....</i>		<i>\$ 27 360</i>

Measurement Program

1. H. L. Helms, Junior Electrical Instrument and Measurement Technician (S).....	N	\$ 3 630
2. John Keethler, Junior Electrical Instrument and Measurement Technician (S).....	N	3 120
3. B. G. O'Connor, Junior Electrical Instrument and Measurement Technician (S).....	N	3 000
4. Betty L. Hull, Clerk-Stenographer III (S).....	N	2 910
<i>Total, Measurement Program (S).....</i>		<i>\$ 12 660</i>

Aeronautical Engineering

1. P. R. Tabaka, Senior Laboratory Mechanic (C).....	N	\$ 4 230
2. T. M. O'Connor, Senior Laboratory Mechanic (C).....	N	4 170
3. J. A. Johnson, Junior Laboratory Mechanic (C).....	N	3 750
4. E. H. Klage, Junior Laboratory Mechanic (C).....	N	3 690
5. R. F. Brewer, Junior Laboratory Mechanic (C).....	N	3 570
6. Mrs. Katherine E. Porter, Clerk-Stenographer III (C)....	N	2 400
7. —————, Clerk-Stenographer II (C).....	N	I 920
<i>Total, Aeronautical Engineering (C).....</i>		<i>\$ 23 730</i>

Ceramic Engineering

1. G. W. Conlee, Potter (C-3969; S-441).....	N	\$ 4 410
2. J. H. Cain, Junior Laboratory Mechanic (C-3429; S-381)...	N	3 810
3. Mrs. Dorothy B. Woods, Secretary (C-3294; S-366).....	N	3 660
4. J. R. Walsh, Storekeeper (C-3151; S-350).....	N	3 501
5. Mrs. Nancy R. Tracy, Clerk-Typist II (C-1755; S-195)...	N	I 950
<i>Total, College.....</i>		<i>\$(15 598)</i>
<i>Total, Station.....</i>		<i>\$ (1 733)</i>
<i>Total, Ceramic Engineering.....</i>		<i>\$ 17 331</i>

Cooperative Investigations**ARMY AIR FORCES—CONTRACT 14520**

1. W. W. Magsamen, Junior Laboratory Attendant	N	\$ 2 940
2. _____, Clerk-Stenographer II	N	1 800

Chemical Engineering Research

1. Marjorie L. Honn, Clerk-Stenographer III (S)	S-N	\$ 2 820
<i>Total, Chemical Engineering Research</i>		<i>\$ 2 820</i>

Cooperative Investigations**DIVIDED POSITIONS**

1. W. W. Demlow, Senior Laboratory Mechanic	N	\$ 4 350
(50% AEC Project 5; 50% AEC AT(30-3)-28)		
2. Mrs. Lois L. Martin, Clerk-Stenographer II (S)	N	2 100
(50% Cml C DA-18-064-CML-445; 50% AEC AT(30-3)-28)		

Civil Engineering

1. D. F. Lange, Senior Laboratory Mechanic (S)	N	\$ 4 650
2. Wallace Boas, Senior Laboratory Mechanic (S)	N	4 470
3. H. R. Bryant, Senior Laboratory Mechanic (S)	N	4 470
4. M. N. Norton, Junior Laboratory Mechanic (S)	N	3 750
5. Mrs. Kathryn C. Jordan, Secretary (C)	N	3 420
6. E. E. Rice, Senior Laboratory Attendant (S)	N	3 240
7. F. J. McCartney, Equipment Attendant (C)	N	2 910
8. Mrs. Ruth M. Kidd, Clerk-Stenographer III (S)	N	2 700
9. Mrs. Doyne Proudfit, Clerk-Stenographer III (C)	N33	840
(See Building Program Committee)	N67	(1 680)
(Total Salary)		(2 520)
10. E. June Puckett, Clerk-Typist I (C)	N	1 920
11. Beverly J. Good, Clerk II (C-975; S-975)	N	1 950
12. Mrs. Marie E. Pflugmacher, Clerk II (C)	N50	1 080
13. _____, Clerk-Typist II (C)	N50	900
<i>Total, College</i>		<i>\$ (12 045)</i>
<i>Total, Station</i>		<i>\$ (24 255)</i>
<i>Total, Civil Engineering</i>		<i>\$ 36 300</i>

Cooperative Investigations**TRUST: CE ONR 07132**

1. O. H. Ray, Senior Laboratory Mechanic	N	\$ 4 290
2. Betty Turcott, Clerk-Stenographer III	N	2 400

TRUST: US NAVY CE ORI TASK V

3. W. F. Wilsky, Senior Laboratory Mechanic	N	3 990
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TRUST: US ENGINEERS 34

4. E. R. Reimer, Senior Laboratory Mechanic	N	4 230
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TRUST: CE ONR-07134

5. E. E. Kirby, Junior Laboratory Mechanic	N	3 750
6. Joan Wegeng, Clerk-Typist II	N	1 980

TRUST: RESEARCH COUNCIL RIVETED AND BOLTED STRUCTURAL JOINTS

7. L. J. Mesker, Senior Laboratory Mechanic	N	4 230
8. Walter Monical, Junior Laboratory Mechanic	N	3 750

TRUST: COPPER AND BRASS RESEARCH COUNCIL STRENGTH OF JOINTS IN COPPER

9. W. E. McKenzie, Junior Laboratory Attendant	N	3 060
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TRUST: COOPERATIVE RESEARCH—HIGHWAY PROBLEMS

10. Mrs. Mary Jane Fry, Clerk-Stenographer II	N	2 160
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TRUST: COOPERATIVE RESEARCH ON HIGHWAY DRAINAGE

11. Mulford Martin, Jr., Junior Civil Engineer.....	N	3 870
12. Mrs. Irva S. Carver, Clerk-Typist II.....	N ₅₀	1 020

DIVIDED POSITIONS

13. R. M. Smith, Senior Laboratory Mechanic.....	N	4 170
(50% US Engineers 34; 50% Copper and Brass Research Council)		
14. Rogene Strode, Clerk-Stenographer III.....	N	2 820
(50% Research Council on Riveted and Bolted Structural Joints; 50% Copper and Brass Research Council Strength of Joints in Copper)		
15. Jessie Creamer, Clerk-Stenographer II.....	N	2 160
(50% CE-Highway Bridge Impact; 50% US Engineers-CE-34)		

Electrical Engineering

1. C. I. Mensendick, Laboratory Manager (S).....	N	\$ 4 380
(From Special E.E. Salary and Equipment Fund)....		(1 380)
(Total Salary).....		(5 760)
2. B. L. Marshall, Instrument Maker (S).....	N	4 830
3. G. H. Powers, Senior Laboratory Mechanic (C).....	N	4 650
4. T. A. Newkirk, Senior Electronics Technician (S).....	N	4 350
5. T. A. Littler, Senior Laboratory Mechanic (C).....	N	4 230
6. I. R. Franklin, Senior Laboratory Mechanic (S).....	N	4 170
7. L. H. Claybaugh, Senior Laboratory Mechanic (C).....	N	4 170
8. _____, Senior Electric Instrument and Measurement Technician (C).....	N	4 080
9. James Pulliam, Junior Laboratory Mechanic (C).....	N	3 750
10. K. E. Merritt, Junior Laboratory Mechanic (C).....	N	3 750
11. W. E. Kruse, Junior Electronics Technician (C).....	N	3 720
12. G. E. Bellinger, Jr., Junior Laboratory Mechanic (C).....	N	3 570
13. C. E. Rockwood, Stores Clerk (C).....	N	2 700
14. C. G. Preston, Junior Electric Instrument and Measurement Technician (C).....	N	3 240
15. F. E. Dilley, Junior Electric Instrument and Measurement Technician (C).....	N	3 240
16. J. C. Humphrey, Junior Laboratory Attendant (C).....	N	3 120
17. Mrs. Marcia Peterman, Office Supervisor (C).....	N	3 780
18. _____, Clerk-Stenographer I (C).....	N	2 250
19. Mrs. Hazel M. Crawford, Clerk-Stenographer II (C).....	N	2 430
20. Mrs. Evelyn M. Ongman, Clerk-Typist II (C).....	N	2 370
21. Mrs. Jeanne P. Gonzalez, Clerk-Stenographer II (C).....	N	2 280
22. Mrs. Rosalie Kerr, Clerk-Typist II (C).....	N	2 070
23. Wilma Fitzgerald, Clerk-Stenographer I (C).....	N	1 980
Total, College.....		\$ (61 380)
Total, Station.....		\$ (17 730)
Total, Electrical Engineering.....		\$ 79 110

Cooperative Investigations

WATSON LABS. 5

1. C. M. Boley, Instrument Maker.....	N	\$ 4 830
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USAF 20778

2. R. L. Warnock, Antenna Technician.....	N	4 200
3. M. D. Gannaway, Junior Laboratory Attendant.....	N	2 940

USAF 14742

4. J. F. Baxter, Junior Laboratory Mechanic.....	N	3 570
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ONR TASK XV

5. D. F. Judd, Junior Laboratory Mechanic.....	N	3 750
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USAF 12644

6. A. E. Monson, Junior Laboratory Mechanic.....	N	3 750
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NoBSR-52367

7. C. G. Luesse, Assistant Laboratory Mechanic..... N 3 270

DIVIDED POSITIONS

8. R. N. Waggener, Senior Glassblower..... N 4 860
(33⅓% Watson Labs. 5; 33⅓% AF 14742; 33⅓% Task XIX)
9. J. F. Lowe, Instrument Maker..... N 4 830
(50% AF 14742; 50% Task XIX)
10. R. E. Smith, Senior Laboratory Mechanic..... N 4 050
(50% AF 20922; 50% NoBSR-52367)
11. A. B. Wilson, Junior Laboratory Mechanic..... N 3 750
(⅓ AF 14742; ⅓ Watson Labs. 5; ⅓ Task XIX)
12. E. R. Jackson, Stores Clerk..... N 2 940
(50% E.E. Replacement; 50% E.E. Special Salary and Equipment Fund)

ELECTRICAL ENGINEERING SPECIAL SALARY AND EQUIPMENT FUND

13. D. D. Pritchard, Storekeeper..... N 3 300
14. R. R. Thompson, Junior Engineering Draftsman..... N 3 600
15. R. F. Ripper, Chief Clerk..... N 3 500
16. Helene Yungck, Clerk-Stenographer II..... N 2 280
17. Ruth McClurg, Clerk II..... N 2 280
18. Mary Lewis, Office Appliance Operator II..... N 2 070
19. Mrs. Frances S. Thomas, Clerk-Typist II..... N 1 950
20. Mrs. Evelyn N. Walsh, Clerk II..... N 1 950
21. _____, Clerk-Stenographer II..... N 1 860

General Engineering Drawing

1. Evelyn L. Hern, Clerk-Stenographer III..... N \$ 2 400
- Total, General Engineering Drawing..... \$ 2 400*

Mechanical Engineering

1. G. J. Oehmke, Instrument Maker (C-2415; S-2415)..... N \$ 4 830
2. M. W. Hoag, Senior Laboratory Mechanic (C-4131; S-459) N 4 590
3. W. H. Smith, Senior Laboratory Mechanic (C-4131; S-459) N 4 590
4. W. C. Clark, Senior Foundry Molder (C)..... N 4 590
5. E. B. Corbin, Senior Laboratory Mechanic (C)..... N 4 350
6. B. A. Manuel, Senior Laboratory Mechanic (C)..... N 4 170
7. T. R. Heald, Senior Laboratory Mechanic (C)..... N 4 170
8. Mrs. Beulah Dent, Secretary (C-3618; S-402)..... N 4 020
9. T. E. Parsons, Senior Laboratory Mechanic (C)..... N
- (On leave without pay until further notice; disability benefits payable by Retirement System)
10. W. R. Gordon, Junior Laboratory Mechanic (C)..... N 3 690
11. G. F. Miller, Junior Laboratory Mechanic (C)..... N 3 690
12. H. W. Hempler, Junior Laboratory Mechanic (C)..... N 3 450
13. M. F. Sadorus, Storekeeper (C)..... N 3 300
14. Irene Cunningham, Clerk-Stenographer III (C)..... N 3 090
15. Helen McDonnell, Clerk-Stenographer II (C-820; S-1640).. N 2 460
16. Mrs. Opal Lumsden, Clerk-Typist II (C)..... N 2 160
17. Mrs. Mildred Potts, Clerk-Typist I (C)..... N 1 980
- Total, College..... \$(53 755)*
- Total, Station..... \$ (5 375)*
- Total, Mechanical Engineering..... \$ 59 130*

Cooperative Investigations

DIVIDED POSITIONS

1. Virginia L. Schmitz, Clerk-Stenographer II..... N \$ 2 010
(50% Warm Air Heating; 50% IBR Steam and Water Heating)

- | | | |
|---|---|-------|
| 2. Mrs. Elizabeth Scott, Clerk-Typist II..... | N | I 950 |
| (50% Physical Environment; 25% Friction Type Bearings; 25% American Gas Association Air Duct Systems) | | |

Mining and Metallurgical Engineering

- | | | |
|--|---|-------------|
| 1. Hazel Allen, Secretary (C)..... | N | \$ 3 390 |
| 2. H. W. Kruse, Senior Laboratory Mechanic (C)..... | N | 4 350 |
| 3. F. R. O'Connor, Senior Laboratory Mechanic (S)..... | N | 3 810 |
| 4. W. L. Craig, Senior Laboratory Mechanic (C)..... | N | 3 450 |
| 5. R. D. McNely, Assistant Laboratory Mechanic (S)..... | N | 2 910 |
| 6. Mrs. Vera C. McCarty, Clerk-Typist II (S)..... | N | 2 130 |
| <i>Total, College</i> | | \$ (11 190) |
| <i>Total, Station</i> | | \$ (8 850) |
| <i>Total, Mining and Metallurgical Engineering</i> | | \$ 20 040 |

Physics

- | | | |
|---|-----|-----------|
| 1. R. F. Flora, Laboratory Manager..... | N | \$ 6 420 |
| 2. Charles Van Holland, Senior Laboratory Mechanic..... | N50 | 2 235 |
| (From AEC—Radiation Damage)..... | N50 | (2 235) |
| (Total Salary)..... | | (4 470) |
| 3. C. W. Fieg, Senior Laboratory Mechanic..... | N | 4 350 |
| 4. ———, Glassblower..... | N | 3 960 |
| 5. W. C. Deem, Senior Laboratory Mechanic..... | N | 4 230 |
| 6. D. E. Chamberlin, Senior Laboratory Mechanic..... | N | 4 170 |
| 7. Ervie Ditzler, Senior Laboratory Mechanic..... | N | 4 080 |
| 8. P. K. Watson, Junior Laboratory Mechanic..... | N | 3 450 |
| 9. ———, Senior Laboratory Attendant..... | N | 3 000 |
| 10. D. C. Oliver, Junior Laboratory Attendant..... | N | 3 180 |
| 11. F. L. Woody, Chief Clerk..... | N | 3 900 |
| 12. Mrs. Della R. McCown, Secretary..... | N | 3 480 |
| 13. M. C. Dixon, Storekeeper..... | N | 3 120 |
| 14. Beatrice Broomall, Clerk-Stenographer III..... | N50 | 1 425 |
| (From Army Ordnance Control System Laboratory)..... | N50 | (1 425) |
| (Total Salary)..... | | (2 850) |
| 15. Mrs. Mary S. Lamkin, Clerk-Stenographer III..... | N | 2 520 |
| 16. Mrs. Ruth Sparks, Clerk-Typist III..... | N | 2 520 |
| 17. Diana S. Povelones, Clerk III..... | N | 2 580 |
| 18. Mrs. Virginia M. Voss, Clerk-Typist II..... | N | 2 280 |
| 19. Mrs. Jo Anne Willette, Clerk-Typist I..... | N | 1 920 |
| <i>Total, Physics (C)</i> | | \$ 62 820 |

Cooperative Investigations**OFFICE OF NAVAL RESEARCH CONTRACT****N6-ORI-71 PHYSICS TASK NO. I**

- | | | |
|---|---|----------|
| 1. Harve Belles, Senior Laboratory Mechanic..... | N | \$ 4 170 |
| 2. T. E. Wells, Senior Laboratory Mechanic..... | N | 4 230 |
| 3. H. G. Stoner, Senior Laboratory Mechanic..... | N | 4 230 |
| 4. M. A. Carrington, Senior Laboratory Mechanic..... | N | 4 230 |
| 5. D. F. Kibler, Senior Laboratory Mechanic..... | N | 4 290 |
| 6. R. D. Metz, Junior Laboratory Mechanic..... | N | 3 330 |
| 7. L. E. Cole, Junior Laboratory Mechanic..... | N | 3 690 |
| 8. V. P. Oakes, Junior Laboratory Mechanic..... | N | 3 570 |
| 9. C. A. McGuire, Junior Electronics Technician..... | N | 3 570 |
| 10. E. E. Wascher, Junior Electronics Technician..... | N | 3 450 |
| 11. R. E. McGhee, Draftsman..... | N | 3 300 |
| 12. R. E. Sterritt, Glassblower..... | N | 3 480 |
| 13. Mrs. Wilna D. Johnston, Junior Laboratory Attendant..... | N | 2 940 |
| 14. Mrs. Roberta E. Stryker, Junior Laboratory Attendant..... | N | 2 940 |
| 15. C. P. Pittman, Junior Laboratory Attendant..... | N | 2 940 |
| 16. R. L. Russell, Storekeeper..... | N | 3 180 |
| 17. Mrs. Edna V. Benesch, Technical Computer..... | N | 3 510 |

18. G. E. Mader, Junior Accelerator Engineer.....	N	4 020
19. T. B. Elfe, Jr., Senior Accelerator Engineer.....	N	4 200
20. R. J. Bueschel, Senior Laboratory Mechanic.....	N	4 110
21. D. E. Vermillion, Assistant Laboratory Attendant.....	N ⁵⁰	1 293
Driver.....	P ⁵⁰	1 827
(Total Salary).....		(3 120)
22. T. J. Keegan, Senior Accelerator Engineer.....	N	3 900
23. J. R. Starr, Junior Electronics Technician.....	N	3 180
24. C. F. Jonson, Senior Accelerator Engineer.....	N	3 900
25. G. I. Pike, Senior Laboratory Mechanic.....	N	4 080
TRUST: CONTROL SYSTEMS LABORATORY		
26. N. C. Marsh, Research Program Administrative Assistant	N	4 800
Base Adjustment.....		720
(Total Salary).....		(5 520)
27. Mrs. Mary J. King, Clerk-Typist II.....	N	1 920
28. Marabeth Gillis, Clerk-Stenographer II.....	N	1 920
29. D. A. Sypult, Senior Laboratory Mechanic.....	N	4 170
30. Milton Clark, Storekeeper.....	N	3 120
AEC CONTRACT AT(11-1)67 PROJECT 3		
31. F. E. L. Witt, Physical Research Laboratory Assistant...	N	4 980

Physics Betatron

1. Ernest Englund, Instrument Maker.....	N	\$ 5 430
2. C. E. Kling, Senior Glass Blower.....	N	5 400
3. F. L. Peterson, Senior Accelerator Engineer.....	N	4 980
4. J. J. Cochran, Jr., Research Program Administrative Assistant.....	N	4 860
5. H. K. Schoenwetter, Electronics Engineer.....	N	4 500
6. G. A. Johnson, Senior Laboratory Mechanic.....	N	4 410
7. E. R. Cordes, Senior Laboratory Mechanic.....	N	4 230
8. R. D. Kenworthy, Storekeeper.....	N	(3 540)
(On leave without pay for military service)		
9. _____, Storekeeper.....	N	3 270
10. P. R. Francis, Clerk III.....	N	(3 210)
(Paid from Item 8 Physics Betatron during 1951-1952)		
11. Mrs. Bess G. Matteson, Clerk-Stenographer III.....	N	2 580
Total, Physics Betatron.....		\$ 39 660

Theoretical and Applied Mechanics

1. H. C. Boswell, Senior Laboratory Mechanic (C-2295; S-2295).....	N	\$ 4 590
2. H. F. Baker, Senior Laboratory Mechanic (S).....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
3. H. T. Musgrove, Senior Laboratory Mechanic (S).....	N	4 572
4. S. L. Smith, Senior Laboratory Mechanic (S).....	N	4 350
5. E. E. Shipley, Senior Laboratory Mechanic (C).....	N	4 230
6. Ida Mae Farlow, Clerk-Stenographer III (C-1365; S-1365).....	N	2 730
7. Carol R. Carson, Clerk-Stenographer II (C-1350; S-450).....	N	1 800
Total, College.....		\$ (9 240)
Total, Station.....		\$(13 032)
Total, Theoretical and Applied Mechanics.....		\$ 22 272

Cooperative Investigations

LEAD SHEATHING INVESTIGATION

1. Merle Ridgley, Senior Laboratory Mechanic (S).....	N	\$ 4 230
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ONR-TAM-TASK IV

2. Robert Noyes, Senior Laboratory Mechanic (S).....	N	3 810
3. Mrs. Doris Klausmeyer, Clerk-Stenographer III (S).....	N	2 520

STEEL CAR WHEELS

4. G. D. Thomas, Senior Laboratory Mechanic (S).....	N	3 810
5. J. R. Foster, Senior Laboratory Attendant (S).....	N	3 900

AAF 21587—RAPID LOADING

6. G. H. Steward, Senior Laboratory Mechanic (S).....	N	4 230
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REINFORCED CONCRETE RESEARCH COUNCIL—COLUMNS

7. Sam Ellis, Senior Laboratory Attendant (S).....	N	3 960
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WELDING RESEARCH COUNCIL—PRESSURE VESSEL

8. Dean Bailey, Senior Laboratory Mechanic (S).....	N	4 230
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CONCRETE SLABS

9. W. C. Stitt, Senior Laboratory Mechanic.....	N	3 870
(To be discontinued August 31, 1951)		

10. _____, Clerk-Stenographer II (S).....	N	1 740
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RAILS INVESTIGATION

11. M. C. Moore, Senior Laboratory Mechanic (S).....	N	4 230
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WHEEL LOADS, JOINT BARS, AND WEB STRESSES

12. E. E. Hunt, Senior Laboratory Mechanic (S).....	N	4 230
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DIVIDED POSITIONS

13. L. L. Franklin, Senior Laboratory Mechanic (S).....	N	4 230
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(50% Rails Investigation; 50% Wheel Loads, Joint Bars, and Web Stresses)

14. Mrs. Patty L. Field, Clerk-Stenographer II.....	N	2 310
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(50% Rails Investigation; 50% Steel Car Wheels)

15. E. R. Yates, Senior Laboratory Mechanic.....	N	3 810
(50% ONR-Task IV; 50% AF 15677)		

GRADUATE COLLEGE

Administration

1. Mrs. Eileen G. McClellan, Chief Clerk.....	N	\$ 3 480
2. Mrs. Gladys Sokoloff, Secretary.....	N	2 760
3. Marcia Keel, Clerk-Stenographer III.....	N	2 680
4. Mrs. Elizabeth Nance, Clerk-Stenographer II.....	N	2 280
5. Mrs. Louise E. Heiman, Clerk-Stenographer II.....	N	2 100
6. _____, Clerk-Stenographer II.....	N	1 920
7. _____, Clerk-Typist II.....	N	1 680
8. Marilyn J. Walker, Clerk-Typist I.....	N	1 890
9. Jean A. Gerth, Clerk-Typist I.....	N	1 890

Total, Administration..... \$ 20 680

PSYCHOLOGY

Special Graduate Fund

1. Mrs. Elizabeth L. Morrison, Clerk-Typist II.....	N	\$ 2 400
2. Mrs. Doris E. Colgrove, Clerk II.....	N	1 890
3. Mrs. Elizabeth Covey, Clerk II.....	N	1 890

SPEECH RESEARCH LABORATORY

4. R. P. Jaeger, Junior Electronics Technician.....	N	3 510
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Total, Special Graduate Fund..... \$ 9 690

Cooperative Investigations

ELECTRONIC DIGITAL COMPUTER—U. S. ORDNANCE 11362

1. W. E. Jones, Jr., Model Maker.....	N	\$ 5 850
2. G. W. Michael, Research Program Administrative Assistant.....	N	5 010
3. H. E. Lopeman, Senior Electronics Technician.....	N	4 080
4. K. W. Bartlett, Junior Electronics Technician.....	N	3 360
5. H. M. Walker, Junior Engineering Draftsman.....	N	3 360

6. T. E. Kerkerling, Junior Laboratory Mechanic.....	N	3 420
7. R. C. Liu, Assistant Laboratory Mechanic.....	N	2 910
8. Mrs. Helen T. Ernst, Clerk-Stenographer III.....	N	2 640

General Research**NATURAL AREAS AND UNCULTIVATED LANDS**

1. C. W. Smith, Forest Custodian (From Wages).....	P	\$ (3 405)
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Aeromedical and Physical Environment Unit

1. L. D. Siler, Junior Laboratory Mechanic.....	N	\$ 3 750
2. Mrs. Elizabeth Scott, Clerk-Typist II.....	N ₅₀	975
(See Mechanical Engineering Cooperative Investigations).....	N ₅₀	(975)
(Total Salary).....		(1 950)
<i>Total, Aeromedical and Physical Environment Unit.....</i>		<i>\$ 4 725</i>

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Administration**

1. _____, Office Supervisor.....	N	\$ 4 200
2. Ellenor Tallmadge, Editorial Writer.....	N ₃₃	1 210
(See Music).....	N ₃₃	(1 210)
(See Public Information).....	N ₃₄	(1 210)
(Total Salary).....		(3 630)
3. Freda F. Walker, Chief Clerk.....		
(On leave without pay until further notice; disability benefits payable by Retirement System)		
4. E. Irene Carey, Secretary.....	N	3 690
5. Mrs. Pauline V. Chapman, Personnel Assistant.....	N	3 090
6. Mary Williams, Clerk-Stenographer III.....	N	3 000
7. Mrs. Josephine L. Sisney, Clerk-Stenographer III.....	N	3 000
8. _____, Clerk-Stenographer III.....	N	2 760
9. _____, Clerk-Stenographer III.....	N	2 400
10. _____, Clerk-Stenographer III.....	N	2 400
11. _____, Clerk-Stenographer III.....	N	2 310
12. Mrs. Alice T. Cairo, Clerk-Stenographer III.....	N	2 070
13. Mrs. F. Elaine Romine, Clerk-Stenographer II.....	N	2 190
14. Verneal J. Fryman, Clerk-Stenographer II.....	N	1 920
<i>Total, Administration.....</i>		<i>\$ 34 240</i>

Business Organization and Operation

1. Mrs. Mildred B. Brumfield, Secretary.....	N	\$ 3 240
2. Nancy A. Paris, Clerk-Stenographer II.....	N	1 920
<i>Total, Business Organization and Operation.....</i>		<i>\$ 5 160</i>

Economics

1. Mrs. Mary P. Sudduth, Secretary.....	N	\$ 3 690
<i>Total, Economics.....</i>		<i>\$ 3 690</i>

Bureau of Economic and Business Research

1. Mrs. Helen A. Godfrey, Secretary.....	N	\$ 3 180
2. Ramona J. Russell, Junior Statistician.....	N	2 850
3. Mrs. Mabel Allen, Clerk-Stenographer II.....	N	2 280
4. _____, Clerk-Typist II.....	N	1 800
<i>Total, Bureau of Economic and Business Research.....</i>		<i>\$ 10 110</i>

Cooperative Investigations**MERRILL FOUNDATION**

1. Mrs. Mary A. Drake, Clerk-Stenographer III.....	N	\$ 2 400
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Business Management Service

1. Dorothy M. Carmichael, Secretary.....	N	\$ 2 940
2. H. M. Dalbey, Clerk-Typist II.....	N	2 100
3. Catherine Garrett, Clerk-Stenographer II.....	N	1 920
<i>Total, Business Management Service.....</i>		<i>\$ 6 960</i>

COLLEGE OF EDUCATION**Administration**

1. Betty A. Richards, Secretary.....	N	\$ 4 350
2. Mrs. Alice D. Koger, Clerk-Stenographer III.....	N	2 580
3. Mrs. Ellen E. Edelen, Clerk-Typist III.....	N	2 280
4. Mrs. Agnes C. Eastwood, Clerk-Typist II.....	N	2 190
<i>Total, Administration.....</i>		<i>\$ 11 400</i>

Agricultural Education

1. Mrs. Lorraine Robe, Clerk-Stenographer III.....	N	\$ 2 400
<i>Total, Agricultural Education.....</i>		<i>\$ 2 400</i>

Education

1. Pauline M. Apperson, Chief Clerk.....	N	\$ 3 420
2. Mrs. Sieglinde Johnson, Secretary.....	N50	1 290
(See Committee on Admissions from Secondary Schools).....		N50
(Total Salary).....		(1 290)
3. Mrs. Mae G. DeWulf, Clerk-Stenographer III.....	N	2 400
4. Mrs. Eleanore Messick, Clerk-Stenographer III.....	N	2 400
5. Mrs. Jewel Y. Gredler, Clerk-Typist III.....	N	2 400
6. Mrs. Marilyn M. Pearson, Clerk-Typist III.....	N	2 340
7. Mrs. Orlena M. Welch, Clerk-Typist II.....	N	1 950
8. Mrs. Charlotte A. Andersen, Clerk-Typist II.....	N	1 950
9. Mrs. Marilena M. Stone, Clerk-Typist II.....	N	1 920
10. Mrs. Winifred O. Roy, Clerk-Typist II.....	N	2 250
11. Mrs. Mary Jane Aschner, Clerk-Typist II.....	N50	1 050
12. Mrs. Elizabeth Nau, Clerk-Stenographer II.....	N50	1 050
<i>Total, Education.....</i>		<i>\$ 24 420</i>

Cooperative Investigations

U. S. PUBLIC HEALTH SERVICE GRANT MH-274(R)

1. Mrs. Frances Capobianco, Clerk-Stenographer II.....	N	\$ 2 220
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University Council on Teacher Education**Administration**

1. Mrs. Elaine F. Hall, Secretary.....	N	\$ 3 150
2. Mary E. Shick, Clerk-Stenographer III.....	N	2 460

SECONDARY SCHOOL CURRICULUM

3. Mrs. Bernice K. Oelke, Clerk-Stenographer III (From Educational Nonrecurring).....	N	(2 610)
4. Mrs. Lois S. McNamara, Clerk-Stenographer III (From Superintendent of Public Instruction Citizenship Education).....	N	(2 220)

<i>Total, Administration.....</i>		<i>\$ 5 610</i>
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Placement and Follow-Up

1. Mrs. Mary F. Mauk, Chief Clerk.....	N	\$ 4 320
2. Mrs. Nadyne B. Mowery, Clerk-Typist II.....	N	2 070
3. Mrs. Ruth Vinnedge, Clerk-Stenographer II.....	N	2 100
4. Mrs. Anna L. Hickey, Clerk-Typist I.....	N	2 070
5. Ruth N. Holman, Clerk-Typist I.....	N	1 830
<i>Total, Placement and Follow-Up.....</i>		<i>\$ 12 390</i>

University High School

1. Marie O'Brien, Secretary.....	N	\$ 3 660
2. Mrs. Norma C. Esselstyn, Clerk-Stenographer III.....	G	1 800
(September 1, 1951, to May 31, 1952)		
3. Mrs. Marthine V. Woodward, Clerk-Typist II.....	N	2 130
4. _____, Clerk-Stenographer II.....	N	2 100
<i>Total, University High School.....</i>		<i>\$ 9 690</i>

Bureau of Research and Service**GENERAL**

1. Mrs. Barbara K. Haxby, Secretary.....	N	\$ 3 360
2. Mrs. Mary R. Nelson, Clerk-Stenographer III.....	N	2 790
3. Nina C. Hamrick, Clerk-Stenographer II.....	N	2 190
4. Mrs. Shirley A. Deusch, Clerk-Typist II.....	N	2 280
5. Mrs. Billie L. Kohlbecker, Clerk-Typist II.....	N	2 130
6. Evelyn L. Mays, Clerk-Typist II.....	N	1 950
<i>Total, General.....</i>		<i>(14 700)</i>

EVALUATION UNIT

7. Lois Williamson, Secretary.....	N	3 810
8. _____, Office Appliance Operator II.....	N	1 920
9. Mrs. Jacqueline Rutter, Clerk-Stenographer II.....	N	2 070
10. Mrs. Jean A. Winn, Clerk II.....	N	1 950
11. Mrs. Dana L. Anderson, Clerk II.....	N	1 950
<i>Total, Evaluation Unit.....</i>		<i>(11 700)</i>
<i>Total, Bureau of Research and Service.....</i>		<i>\$ 26 400</i>

Cooperative Investigations**AIR FORCE CONTRACT 33(038)13236**

1. Mrs. Helen Van Hooreweghe, Clerk-Typist II.....	N	\$ 2 070
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Educational Surveys Revolving

(Entire budget from receipts)

1. Mrs. Bernice E. Kurtz, Clerk-Stenographer II.....	N	\$ 2 260
<i>Total, Educational Surveys Revolving.....</i>		<i>\$ 2 260</i>

High School Testing Revolving

(Entire budget from receipts)

1. Mrs. Clementyne T. Guy, Clerk II.....	N	\$ 2 220
<i>Total, High School Testing Revolving.....</i>		<i>\$ 2 220</i>

COLLEGE OF FINE AND APPLIED ARTS**Administration**

1. Alice T. Wall, Secretary.....	N	\$ 4 620
2. Mrs. Mary M. Hughes, Clerk-Stenographer III.....	N60	1 440
(See Landscape Architecture).....		(960)
(Total Salary).....		(2 400)
<i>Total, Administration.....</i>		<i>\$ 6 060</i>

Architecture

1. Mrs. Mildred C. Barber, Secretary.....	N	\$ 3 600
2. Raleigh Jessup, Senior Laboratory Attendant.....	N	3 300
3. Mrs. Evanelle Hart, Clerk-Stenographer III.....	N	2 520
<i>Total, Architecture.....</i>		<i>\$ 9 420</i>

Cooperative Investigations**BITUMINOUS COAL RESEARCH, ANTHRACITE, AMERICAN COAL AND COKE RESIDENTIAL INVESTIGATION**

1. T. H. Tsai, Junior Architectural Draftsman.....	G	\$ 3 600
(To terminate August 31, 1951)		

Art

1. Mrs. Helen G. Jordan, Secretary.....	N	\$ 3 420
2. Rosalie Pifer, Clerk-Typist II.....	N60	1 131
<i>Total, Art.....</i>		<i>\$ 4 551</i>

Landscape Architecture

1. Mrs. Mary M. Hughes, Clerk-Stenographer III.....	N40	\$ 960
(See Administration).....	N60	(1 440)
(Total Salary).....		(2 400)
<i>Total, Landscape Architecture.....</i>		<i>\$ 960</i>

School of Music

1. R. E. Helmericks, Musical Instrument Technician.....	N	\$ 5 550
2. R. T. McNeely, Musical Instrument Technician.....	N	5 880
3. Arnold Brewe, Musical Instrument Technician.....	N	4 440
4. Lillian Marr, Secretary.....	N	3 630
5. Mrs. Margaret A. Bender, Clerk-Typist II.....	N	2 130
6. Ellenor Tallmadge, Editorial Writer.....	N33	1 210
(See Public Information).....	N34	(1 210)
(See Commerce Administration).....	N33	(1 210)
(Total Salary).....		(3 630)
<i>Total, School of Music.....</i>		<i>\$ 22 840</i>

University of Illinois Bands

1. Mrs. Mary K. Lamb, Clerk-Stenographer III.....	N	\$ 2 220
2. Mrs. Velma I. Roberts, Clerk-Stenographer III.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
<i>Total, University of Illinois Bands.....</i>		<i>\$ 2 220</i>

Bureau of Community Planning

1. Mrs. Rose-Alice Neumann, Clerk-Stenographer III.....	N	\$ 2 550
<i>Total, Bureau of Community Planning.....</i>		<i>\$ 2 550</i>

SCHOOL OF PHYSICAL EDUCATION**Administration**

1. Phyllis J. Light, Secretary.....	N	\$ 3 300
<i>Total, Administration.....</i>		<i>\$ 3 300</i>

Physical Education for Men

1. W. H. Thompson, Men's Locker Room Attendant.....	N	\$ 3 870
2. D. E. Eason, Men's Locker Room Attendant.....	N	3 780
3. L. E. Tate, Men's Locker Room Attendant.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
4. W. W. Brookey, Men's Locker Room Attendant.....	N	3 540
5. Mrs. Ellen R. Barker, Clinical Laboratory Technician....	N	3 180
6. Mrs. Leona Alexander, Secretary.....	N	3 120
7. Barbara A. Hartman, Clerk-Stenographer III.....	N	2 640
8. Mrs. Marilyn D. Hughes, Clerk-Stenographer II.....	N	2 190
9. Mrs. Nancy J. Wenzlau, Clerk II.....	N	2 130
10. _____, Clerk-Stenographer II.....	N	2 040
11. Charlotte J. Trees, Clerk-Stenographer II.....	N	1 980
<i>Total, Physical Education for Men.....</i>		<i>\$ 28 470</i>

Special Rehabilitation Revolving (Entire budget from receipts)

1. _____, Clerk-Stenographer II.....	N	\$ 2 010
<i>Total, Special Rehabilitation Revolving.....</i>		<i>\$ 2 010</i>

Physical Education for Women

1. Mrs. Ailene Landreth, Secretary	N	\$ 3 030
2. _____, Clerk-Stenographer II	N	1 920
3. Mrs. Bede C. Pickett, Women's Locker Room Attendant (1700 hours at \$1.21½)	H	2 067
4. Mrs. Eula H. Veale, Women's Locker Room Attendant . . . (1700 hours at \$1.21½)	H	2 067
5. Mrs. Opal Moyer, Women's Locker Room Attendant (1400 hours at \$1.19½)	H	1 674
<i>Total, Physical Education for Women</i>		<u>\$ 10 758</u>

COLLEGE OF VETERINARY MEDICINE

1. Carrie McGreevy, Secretary	N	\$ 4 410
2. Mrs. Blanche H. Hamilton, Secretary	N	4 020
3. Mrs. Rosalind D. McKenzie, Secretary	N	3 210
4. Doris L. Wetzel, Clerk-Stenographer II	N	2 520
5. Mrs. Glenna K. Compber, Clerk-Stenographer II	N	2 520
6. _____, Clerk II	N	2 400
7. Mrs. Jacqueline A. Breen, Clerk II	N	2 280
8. Mrs. Wylma K. Sizer, Clerk-Stenographer I	N	2 100
9. Jacqueline Wacker, Clerk-Typist I	N	1 890
10. Joanne L. Bond, Clerk-Stenographer I	N	1 800
11. R. T. Hamilton, Senior Laboratory Attendant	N	3 960
12. J. V. Washburn, Senior Laboratory Attendant	N	3 660
13. Mrs. Rachel C. Marlowe, Senior Laboratory Attendant . . .	N	3 180
14. Mona B. Jervis, Junior Laboratory Attendant	N	2 760
15. J. A. Firth, Junior Laboratory Attendant	N	2 760
16. J. D. Lykins, Junior Laboratory Attendant	N	2 700
17. R. L. Schnepfer, Junior Laboratory Attendant	N	2 700
18. Mrs. Anna S. Ray, Junior Laboratory Attendant	N	2 700
19. Mrs. Delores E. Huffman, Assistant Laboratory Attendant .	N	2 280
20. Mrs. Mary V. Rasner, Assistant Laboratory Attendant . . .	N	2 280
21. Ernest Reifsteck, Animal Caretaker	N	3 390
22. Paul E. Reynolds, Animal Caretaker	N	3 390
23. O. R. Willemssen, Animal Caretaker	N	3 390
24. K. J. Frederick, Animal Caretaker	N	3 140
25. Kathryn J. Perry, Clerk II	N	.....
(On leave without pay for military service)		
<i>Total, College of Veterinary Medicine</i>		<u>\$ 69 440</u>

COLLEGE OF LAW

1. Marian H. Martin, Chief Clerk	N	\$ 4 890
2. C. Margaret Wascher, Clerk-Stenographer III	N	2 910
3. Mrs. Virginia W. Oehmke, Clerk-Stenographer II	N	2 070
4. Audrey E. Smith, Clerk-Stenographer II	N	1 980
5. Mrs. Barbara M. Sterling, Clerk-Typist II	N	1 950
6. Mrs. Vera M. Sands, Clerk-Stenographer II	N50	1 110
<i>Total, College of Law</i>		<u>\$ 14 910</u>

DIVISION OF COMMUNICATIONS**Administration**

1. _____, Clerk-Stenographer III	N	\$ 2 280
<i>Total, Administration</i>		<u>\$ 2 280</u>

School of Journalism and Communications

1. Norma E. Carr, Chief Clerk	N	\$ 3 840
2. Doris E. Kamp, Clerk-Stenographer III	N	2 640

3. _____, Clerk-Stenographer I.....	N	I 740
4. Mrs. Norma R. Van Fossan, Clerk-Stenographer II.....	N50	960
(See Broadcasting—Director's Office).....	N50	(960)
(Total Salary).....		(I 920)
<i>Total, School of Journalism and Communications.....</i>		<i>\$ 9 180</i>

Library School

1. Helen I. Knights, Secretary.....	N	\$ 3 240
2. Mrs. Shirley E. Winston, Clerk-Stenographer II.....	N	2 190
3. Mrs. R. Jeane Falk, Clerk-Typist II.....	N	2 190
4. Mrs. Mary Etta Host, Clerk-Typist II.....	N	I 800
5. _____, Clerk-Typist II.....	N	I 800
<i>Total, Library School.....</i>		<i>\$ II 220</i>

Broadcasting**Director's Office**

1. Mrs. Norma R. Van Fossan, Clerk-Stenographer II.....	N50	\$ 960
(See Journalism and Communications).....	N50	(960)
(Total Salary).....		(I 920)
<i>Total, Broadcasting—Director's Office.....</i>		<i>\$ 960</i>

Cooperative Investigations**KELLOGG FOUNDATION—NAEB**

1. J. R. Holt, Radio Programmer Assistant.....	N	\$ 3 600
2. Rosaline T. Biason, Radio Programmer Assistant.....	N	2 400

Radio Station

1. H. E. Hill, Educational Program Director.....	N75	\$ 3 720
(See Journalism and Communications).....	D25	(I 080)
(Total Salary).....		(4 800)
2. K. L. Cutler, Music Director.....	N	4 800
3. J. R. Brugger, Chief Radio Engineer.....	N	4 800
4. P. A. Spradling, Chief Announcer.....	N50	2 475
(See Journalism and Communications).....	D50	(2 025)
(Total Salary).....		(4 500)
5. J. A. Regnell, Production Director.....	N	3 120
6. H. C. Cobb, Radio Programmer Assistant.....	N	3 120
7. H. H. Salzman, Radio Programmer Assistant.....	N	3 000
8. R. E. Campbell, Radio Programmer Assistant.....	N	3 000
9. Mrs. Marilyn M. Fulrath, Radio Programmer Assistant..	N	2 850
10. Mrs. Margaret A. Goralski, Radio Programmer Assistant..	N	2 790
11. _____, Radio Programmer Assistant.....	N	2 520
12. Mrs. Marthellen J. Cain, Radio Programmer Assistant...	N	2 700
13. _____, Radio Programmer Assistant.....	N50	I 440
14. R. B. Weiss, Radio Programmer Assistant.....	N50	I 590
15. S. M. Campbell, Radio Programmer Assistant.....	N50	I 320
16. W. C. Jorgensen, Radio Programmer Assistant.....	N50	I 320
17. Myron Walden, Radio Programmer Assistant.....	N50	I 320
18. B. R. Drake, Radio Programmer Assistant.....	N40	I 050
19. D. L. Gray, Radio Programmer Assistant.....	N40	I 050
20. Mrs. Edna Haney, Radio Operator.....	N	3 360
21. P. E. Harris, Assistant Radio Engineer.....	N	3 360
22. Steven Borleff, Assistant Radio Engineer.....	N	3 360
23. Eva M. Benton, Assistant Radio Engineer.....	N	3 360
24. C. W. St. John, Assistant Radio Engineer.....	N	3 360
25. _____, Assistant Radio Engineer.....	N	3 360
26. J. N. Empson, Assistant Radio Engineer.....	N	2 700
27. Earl Broihier, Assistant Radio Engineer.....	N50	I 590
28. _____, Assistant Radio Engineer.....	N50	I 200
29. Mrs. Fern M. Hartz, Secretary.....	N	3 150
30. Mrs. Jeanne Hirsh, Clerk-Typist II.....	N	2 220

RECORDING SERVICE (All positions from Recording Service Operations)

31. R. H. Johnston, Recording Engineer.....	N	(4 200)
32. C. H. Berbaum, Assistant Radio Engineer.....	N	(3 360)
33. _____, Assistant Radio Operator.....	N	(2 700)
34. _____, Assistant Radio Engineer.....	N	(2 502)
<i>Total, Broadcasting—Radio Station.....</i>		<i>\$ 79 005</i>

Television

1. _____, Television Director-Producer.....	N	\$ 6 000
2. _____, Television Cameraman.....	N	4 200
3. _____, Television Writer-Producer.....	N	4 200
4. Deduct Unused Amounts from July 1 to December 31, 1951.....		<u>— 7 200</u>
<i>Total, Broadcasting—Television.....</i>		<i>\$ 7 200</i>

University Press**EDITORIAL AND PUBLISHING DIVISION**

1. Mrs. Violet F. Wood, Editorial Writer.....	N	\$ 4 620
2. Mrs. Elaine P. Paden, Junior Editor.....	N ⁵⁰	1 980
3. Mrs. Nancy E. Malone, Junior Editor.....	N	3 120
4. Mrs. Charlotte L. Simon, Editorial Assistant.....	N	2 460
5. Mrs. Katherine M. Cox, Clerk-Typist III.....	N	2 280
6. June E. McKinney, Clerk III.....	N	2 280
7. Mary Lou McKirgan, Clerk-Typist II.....	N	1 800
8. Mrs. Lon Jean Burkhart, Clerk-Stenographer II.....	N	1 980

PRINTING DIVISION (All positions from Print Shop Operations)

9. R. C. Dalbey, Assistant Superintendent.....	P	(6 699)
10. W. V. Munnis, Junior Cost Accountant.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
11. Leona S. Greenwood, Senior Printing Assistant.....	P	(4 182)
12. Mary R. Kelley, Senior Proofreader.....	P	(3 754)
13. _____, Senior Printing Assistant.....	P	(3 264)
14. Mrs. Lorolive S. Osterdock, Junior Proofreader.....	P	(3 101)
15. Mrs. Eleanor McGrath, Junior Proofreader.....	P	(2 292)
16. _____, Junior Proofreader.....	P	(2 224)
17. Mrs. Lillian A. Slavens, Clerk III.....	N	(2 880)
18. _____, Clerk III.....	N	(2 520)
19. _____, Clerk II.....	N	(1 884)

MAILING CENTER (All positions from Mailing Center Operations)

20. R. K. Lumsden, Mailing Room Foreman.....	N	(4 140)
21. William Rex, Clerk III.....	N	(2 750)
22. C. F. Martin, Clerk III.....	N	(2 280)
23. J. L. Collins, Clerk III.....	N	(2 280)
24. Mrs. Mary K. Spitz, Office Appliance Operator I.....	N	(2 190)
25. _____, Office Appliance Operator I.....	N	(1 860)
26. Mrs. Gertrude Balthazar, Office Appliance Operator I.....	N	(2 010)
27. _____, Office Appliance Operator I.....	N	(2 010)
28. _____, Office Appliance Operator I.....	N	(2 010)

ART SERVICE (All positions from Art Service Operations)

29. Herschel Wartik, Commercial Artist.....	N	(3 960)
30. _____, Commercial Artist.....	N	(3 402)
<i>Total, University Press.....</i>		<i>\$ 20 520</i>

Visual Communications

1. _____, Clerk-Stenographer II.....	N	\$ 1 800
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PHOTOGRAPHIC LABORATORY (All positions from Photographic Laboratory Operations)

2. R. R. Hamm, Manager.....	N ⁶⁷	(3 780)
(From Blueprinting).....	N ³³	(1 890)
(Total Salary).....		(5 670)

3. R. R. Harmeson, Assistant Photographer.....	N	(3 420)
4. K. D. Lester, Assistant Photographer.....	N	(3 360)
5. _____, Assistant Photographer.....	N	(2 820)
6. Albert Scatterday, Assistant Photographer.....	N	(3 180)
7. C. A. Carrington, Photographic Technician.....	N	(2 790)
8. E. H. Paeltz, Assistant Photographer.....	N	(2 970)
9. Mrs. Rovenia M. Fitz-Gerald, Clerk-Typist II.....	N50	(1 140)
(From Blueprinting).....	N50	(1 140)
(Total Salary).....		(2 280)
10. Mrs. Louise W. Goebel, Clerk I.....	N50	(960)
(From Blueprinting).....	N50	(960)
(Total Salary).....		(1 920)
BLUEPRINTING (All positions from Blueprinting Operations)		
11. E. L. Phillips, Blueprint Machine Operator.....	N	(2 160)
12. Mrs. Betty O. Williams, Assistant Blueprint Operator....	N	(1 920)
<i>Total, Visual Communications</i>		\$ 1 800

Public Information

1. A. R. Wildhagen, Assistant to the Director.....	N	\$ 6 210
2. _____, Editorial Writer.....	N	3 600
3. Ellenor Tallmadge, Editorial Writer.....	N34	1 210
(See Music).....	N33	(1 210)
(See Commerce and Administration).....	N33	(1 210)
(Total Salary).....		(3 630)
4. Mrs. Angeline V. Wilson, Secretary.....	N	3 450
5. M. JoAnne Bare, Clerk-Typist II.....	N	1 950
<i>Total, Public Information</i>		\$ 16 420

Alumni Relations and Records

1. Lucille G. Turigliatto, Editorial Assistant.....	N	\$ 3 120
2. Donna M. Totsch, Secretary.....	N	2 790
3. Mary M. Crawford, Clerk II.....	N	2 580
4. Mrs. Ruth S. Moenkhaus, Clerk II.....	N	2 400
5. Mrs. Louise M. Evans, Clerk-Typist II.....	N	2 250
6. Jeanne I. Jones, Clerk II.....	N	2 190
7. Wilma L. Wagner, Clerk II.....	N	2 100
8. Mrs. Monna R. Mayeda, Clerk-Stenographer II.....	N	2 070
9. Mrs. Peggy Studley, Clerk I.....	N	2 010
10. Mrs. Rose W. Schrader, Clerk II.....	N	1 950
11. Mrs. Peggy J. Stevens, Clerk II.....	N	1 890
12. Mrs. Barbara J. Mueller, Clerk II.....	N	1 830
13. _____, Clerk II.....	N	1 770
<i>Total, Alumni Relations and Records</i>		\$ 28 950

Robert Allerton Park**Trust — Robert Allerton Park**

1. Albert Priebe, Park Foreman.....	N	\$ 3 240
2. M. F. Buckingham, Park Attendant.....	N	2 910
3. E. E. Evans, Park Attendant.....	N	2 910
4. C. A. Gadbury, Park Attendant.....	N	2 850
5. J. C. Rogers, Park Attendant.....	N	2 400
6. E. W. Ison, Park Attendant.....	N	2 400
<i>Total, Trust-Robert Allerton Park</i>		\$ 16 710

Allerton House Operations (Entire budget from receipts)

1. R. H. O'Bannon, Assistant to the Director of Robert Allerton Park.....	N	\$ 4 020
2. Mrs. Louise W. Munson, Clerk-Typist III.....	N	2 580
3. Mrs. Martha A. Wallbaum, Dietitian.....	N	3 570 ^{MM}
4. P. J. Ammann, Kitchen Laborer.....	N	2 220 ^{MM}
5. Herbert Schuh, Kitchen Laborer.....	N	2 052 ^{MM}

6. D. J. Berry, Houseman.....	N	2 910
7. J. T. Evans, Houseman.....	N	2 250 ¹
8. M. L. Robinson, Houseman.....	N	2 910
<i>Total, Allerton House Operations.....</i>		<i>\$ 22 512</i>

SUMMER SESSION

1. Harriett Broom, Secretary.....	N50	\$ 1 890
(See University Extension).....	N50	(1 890)
(Total Salary).....		(3 780)
2. Betty Waldrop, Clerk-Stenographer II.....	N50	960
(See University Extension).....	N50	(960)
(Total Salary).....		(1 920)
<i>Total, Summer Session.....</i>		<i>\$ 2 850</i>

DIVISION OF UNIVERSITY EXTENSION**Administration**

1. Harriett Broom, Secretary.....	N50	\$ 1 890
(See Summer Session).....	N50	(1 890)
(Total Salary).....		(3 780)
2. C. D. McMurry, Chief Clerk.....	N	4 110
3. J. R. Baskin, Duplicating Machine Operator III.....	N	2 670
4. Mrs. Elizabeth C. Ridgeway, Clerk-Stenographer II.....	N	2 160
5. Betty Waldrop, Clerk-Stenographer II.....	N50	960
(See Summer Session).....	N50	(960)
(Total Salary).....		(1 920)
6. Mrs. Delores M. Bass, Duplicating Machine Operator I.....	N	1 800
<i>Total, Administration.....</i>		<i>\$ 13 590</i>

Extramural Courses and Conferences

1. Mrs. Betty H. Green, Clerk-Stenographer III.....	N	\$ 2 520
2. Mrs. Patricia P. Reed, Clerk-Stenographer II.....	N	2 220
3. Mrs. Joyce Durfee, Clerk-Stenographer I.....	N	2 010
4. Fredda Johnson, Clerk-Stenographer I.....	N	2 010
<i>Total, Extramural Courses and Conferences.....</i>		<i>\$ 8 760</i>

Music Extension

1. R. L. Schaefer, Autographer.....	N	\$ 4 560
2. Mrs. Johanna M. Gambino, Clerk-Stenographer III.....	N	2 580
3. May C. Messman, Clerk-Typist II.....	N	2 130
<i>Total, Music Extension.....</i>		<i>\$ 9 270</i>

General**Visual Aids**

1. Marjorie J. Wiese, Clerk-Stenographer II.....	N	\$ 2 160
<i>Total, Visual Aids—General.....</i>		<i>\$ 2 160</i>

Visual Aids Revolving (Entire budget from receipts)

1. Max Paris, Commercial Artist.....	N	\$ 3 450
2. Florence Nesler, Receiving Clerk.....	N	2 430
3. _____, Receiving Clerk.....	N	2 220
4. Mrs. Lois Dilley, Clerk III.....	N	2 400
5. Mrs. Beverly Carter, Clerk II.....	N	2 190
6. Peggy Huber, Clerk-Stenographer II.....	N	1 920
<i>Total, Visual Aids Revolving.....</i>		<i>\$ 14 610</i>

¹Also furnished board and room valued at \$600 a year, for the convenience of the University.

Correspondence Courses

1. Mrs. Donna M. Harder, Clerk-Stenographer III.....	N	\$ 2 400
2. Mrs. Phyllis M. Stone, Clerk-Typist II.....	N	2 220
3. Dorothea M. Saathoff, Clerk-Typist II.....	N	2 130
4. Mrs. Patricia A. Bunting, Clerk-Typist II.....	N	1 920
5. Hazel L. Varvel, Clerk-Typist I.....	N	2 010
6. Mrs. Mary L. Fulk, Clerk I.....	N	1 890
7. Mrs. Betty J. Cain, Clerk-Typist I.....	N	1 890
8. E. Helen McElwee, Clerk-Typist I.....	N	1 800
<i>Total, Correspondence Courses.....</i>		<i>\$ 16 260</i>

ARMED FORCES**MILITARY SCIENCE AND TACTICS**

1. G. E. Musgrave, Assistant to the Military Property Custodian.....	N	\$ 4 830
2. Marie Doyle, Secretary.....	N	3 630
3. W. E. Wells, Clerk III.....	N	3 060
4. J. J. Smith, Clerk-Typist III.....	N	2 340
5. Helen J. Byland, Clerk-Stenographer II.....	N	2 580
6. Mrs. Josephine M. Murphy, Clerk-Stenographer I.....	N	2 280
7. Verna B. Lewis, Clerk-Stenographer I.....	N	1 950
8. R. C. Deedrick, Stores Clerk.....	N	2 880
9. _____, Stores Clerk.....	N	2 520

NAVAL SCIENCE

10. Mrs. Arlene L. Searls, Clerk-Stenographer III.....	N	2 580
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AIR FORCE SCIENCE

11. Elizabeth J. Taft, Clerk-Stenographer II.....	N	2 070
12. Mrs. Bernice Magsamen, Clerk-Typist II.....	N	1 950
<i>Total, Armed Forces.....</i>		<i>\$ 32 670</i>

INSTITUTE OF AVIATION

1. F. L. Lancaster, Aircraft Maintenance Engineer.....	N	\$ 6 180
2. F. B. Schaber, Airport Shop Foreman.....	N	4 740
3. V. H. Pittman, Head Airport Caretaker.....	N	3 870 ¹
4. M. C. Bates, Senior Laboratory Mechanic.....	N	4 450
5. Wayne Mandrell, General Airport Mechanic.....	N	4 380
6. L. R. Rexroad, General Airport Mechanic.....	N	4 080
7. F. W. Bowerman, Senior Aircraft Maintenance Mechanic.....	N	4 270
8. J. T. Pringle, Senior Aircraft Maintenance Mechanic.....	N	4 270
9. W. W. Brooks, Aircraft Instrument Repairman.....	N	4 210
10. R. E. Anderson, Junior Aircraft Maintenance Mechanic.....	N	3 850
11. R. D. Blacker, Junior Aircraft Maintenance Mechanic.....	N	3 690
12. B. N. Chambers, Aircraft Maintenance Mechanic Helper.....	N	3 090
13. P. V. Milligan, Lineman.....	N	3 270
14. J. L. Miller, Lineman.....	N	3 270
15. H. T. Demeris, Lineman.....	N	3 270
16. J. C. Nelson, Lineman.....	N	3 150
17. O. G. Gilbert, Lineman.....	N	3 150
18. R. W. Nelson, Lineman.....	N	3 030
19. Stephen Moreland, Lineman.....	N	3 030
20. Robert Fryer, Lineman.....	N	3 030
21. Mrs. Gertrude C. Becker, Secretary.....	N	4 590
22. C. E. Horn, Storekeeper.....	N	3 580
23. Mrs. Anna Rita Ferris, Clerk III.....	N	2 730
24. Mary O. Jordan, Clerk-Stenographer III.....	N	2 670
25. Mrs. Dorothy Heider, Clerk-Stenographer II.....	N	2 370

¹ Plus house valued at \$240 for the convenience of the University.

26. Mrs. Dolores R. Wenzler, Clerk-Typist II.....	N	2 250
27. Mrs. Marie Hartsook, Clerk II.....	N	2 190
<i>Total, Institute of Aviation.....</i>		<i>\$ 96 660</i>

Airport Revolving
(Entire budget from receipts)

1. Marian Porter, Clerk III.....	N	\$ 2 640
2. C. L. Hunt, Clerk III.....	N	2 280
3. W. W. Eberhardt, Clerk III.....	N	2 280
4. D. D. Denslow, Clerk III.....	N	2 640
5. Mrs. Betty P. Whitlatch, Clerk III.....	N	2 310
<i>Total, Airport Revolving.....</i>		<i>\$ 12 150</i>

INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS

1. Mrs. Miriam T. Wheeler, Clerk-Stenographer III.....	N	\$ 2 280
2. Patricia Rush, Clerk-Stenographer II.....	N	2 070
<i>Total, Institute of Government and Public Affairs.....</i>		<i>\$ 4 350</i>

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

1. D. E. Hoyt, Editorial Writer.....	N	\$ 4 410
2. L. W. Myers, Editorial Assistant.....	N ⁵⁰	1 710
3. Mrs. Clementine Sprow, Editorial Assistant.....	N ⁵⁰	1 620
4. Mrs. Lucille L. Turquette, Chief Clerk.....	N	3 090
5. Mrs. Evelyn R. Huber, Secretary.....	N	2 790
6. Mrs. Janina S. Banerjee, Junior Statistician.....	N	2 730
7. Mrs. Marguerite W. Keswick, Clerk-Typist III.....	N	2 670
8. Phyllis W. Reynolds, Clerk-Stenographer II.....	N	2 430
9. Mrs. M. Elizabeth Campbell, Clerk-Stenographer II.....	N	2 310
10. Evelyn N. West, Clerk-Stenographer II.....	N	2 310
11. Mrs. Barbara G. Galvin, Clerk-Typist II.....	N	2 250
12. Mrs. Beverly C. Campbell, Clerk-Typist II.....	N	2 250
13. Mrs. N. Jean Raney, Clerk-Stenographer II.....	N	1 920
14. Rachel Worrell, Clerk-Typist II.....	N	1 800
15. Roxie Summers, Clerk-Typist I.....	N	1 680
<i>Total, Institute of Labor and Industrial Relations.....</i>		<i>\$ 35 970</i>

SMALL HOMES COUNCIL

1. Mrs. Dorothy E. Wilkins, Secretary.....	N	\$ 3 570
2. Elsa L. Singbusch, Clerk-Stenographer III.....	N	2 700
3. Maxine E. Mayer, Clerk-Stenographer III.....	N	2 400
4. Mrs. Mary Anne Murphy, Clerk-Stenographer II.....	N	2 190
5. Mrs. Rosemary E. Williams, Clerk-Stenographer II.....	N	2 130
6. Mrs. June D. Swiger, Clerk-Typist I.....	N	1 950
7. Mrs. Elizabeth M. Ranney, Junior Architectural Draftsman.....	N	(4 200)
(Paid from unused academic salaries to September 1, 1951; then from cooperative investigations)		
<i>Total, Small Homes Council.....</i>		<i>\$ 14 940</i>

Small Homes Council Publications Revolving
(Entire budget from receipts)

1. W. S. Pusey, Publications Designer.....	N	\$ 4 860
2. Mrs. Mary E. Hausrath, Editorial Writer.....	N ⁵⁰	2 040
3. Mrs. Janet H. Figueras, Clerk II.....	N	2 280
<i>Total, Small Homes Council Publications Revolving....</i>		<i>\$ 9 180</i>

SCHOOL OF SOCIAL WORK

1. Jo Schmalhausen, Secretary.....	N	\$ 4 530
2. _____, Clerk-Stenographer III.....	N	2 220
<i>Total, School of Social Work</i>		<i>\$ 6 750</i>

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

1. Mrs. Dawn M. Bonesz, Clerk-Stenographer II.....	N	\$ 2 100
2. Mrs. Winona Hitch, Clerk-Stenographer II.....	N	2 340
3. Mrs. Joan Wooldridge, Clerk II.....	N	2 280
4. Mrs. Betty L. Croft, Clerk-Stenographer II.....	N	2 190
5. Mrs. Lois G. Erickson, Clerk-Typist II.....	N	2 070
6. J. H. Lentz, Junior Laboratory Attendant.....	N	3 240
<i>Total, Division of Special Services for War Veterans...</i>		<i>\$ 14 220</i>

Nursery School

1. Earledean V. Simmons, Clerk-Stenographer II.....	N	\$ 2 280
<i>Total, Nursery School.....</i>		<i>\$ 2 280</i>

LIBRARY**Administration**

1. C. K. Gifford, Storekeeper.....	N	\$ 3 660
2. Mrs. Clarabelle Gunning, Secretary.....	N	3 420
3. Eleanor V. Johnson, Clerk-Stenographer III.....	N	2 700
4. _____, Clerk-Stenographer III.....	N	2 400
5. C. C. Rohl, Messenger.....	N	3 270
6. Mrs. Ruth F. Laboc, Clerk I.....	N	1 980
<i>Total, Administration.....</i>		<i>\$ 17 430</i>

ACQUISITIONS Technical**PURCHASE DIVISION**

1. Mrs. Evelyn S. Stanner, Chief Library Clerk.....	N	\$ 3 240
2. Mrs. Irene G. Phillippe, Clerk III.....	N	2 910
3. Mrs. Ellen Smith, Senior Library Clerk.....	N	2 700
4. Mrs. Adelle B. Goodman, Junior Library Clerk.....	N	2 070
5. Mrs. Margaret G. Bacon, Junior Library Clerk.....	N	2 070
6. _____, Junior Library Clerk.....	N	1 920
7. Mrs. Edith R. Castor, Junior Library Clerk.....	N ⁵⁰	1 200
8. Mrs. Ann D. Campo, Junior Library Clerk.....	N ⁵⁰	1 110
9. Mrs. Marjorie G. Freebairn, Clerk-Typist II.....	N	2 100
10. Alice M. Andrews, Clerk-Typist II.....	N	2 100
11. Mrs. Amy Starkey, Clerk II.....	N ⁵⁰	1 095
12. _____, Clerk II.....	N ⁵⁰	900

GIFT AND EXCHANGE DIVISION

13. Mrs. Marguerite B. Lawrence, Senior Library Clerk.....	N	2 760
14. Mrs. Mae E. Beshers, Junior Library Clerk.....	N	2 310
15. Mrs. Barbara J. Stearns, Junior Library Clerk.....	N	2 070
16. Barbara A. Keach, Junior Library Clerk.....	N	2 070

PERIODICAL DIVISION

17. Margaret E. Lyons, Clerk-Stenographer III.....	N	2 820
18. Mrs. Winifred L. Meece, Junior Library Clerk.....	N	2 310
19. Mrs. Lissi C. Wood, Junior Library Clerk.....	N	2 070
<i>Total, Acquisitions.....</i>		<i>(39 825)</i>

BINDING

20. Mrs. Ethel G. Richbark, Senior Library Clerk.....	N	2 820
21. Georgia L. Van Buskirk, Junior Library Clerk.....	N	2 280

22. Mrs. Virginia B. Fisher, Junior Library Clerk.....	N	2 250
23. Mrs. Priscilla P. Tucker, Junior Library Clerk.....	N	2 070
24. _____, Junior Library Clerk.....	N	1 800
<i>Total, Binding</i>		(11 220)

CATALOG

25. Audrey M. Sexton, Chief Library Clerk.....	N	3 300
26. Delma-Jane Heck, Senior Library Clerk.....	N	2 820
27. Mrs. Chlorine M. Hardy, Senior Library Clerk.....	N	2 700
28. Mrs. Elizabeth W. Smith, Senior Library Clerk.....	N	2 340
29. Mrs. Harriet L. Mason, Junior Library Clerk.....	N	2 400
30. Norma Jean Andrews, Junior Library Clerk.....	N	2 250
31. Mrs. Dorothy B. Clark, Junior Library Clerk.....	N	2 160
32. Mrs. Florence S. Bohon, Junior Library Clerk.....	N	2 100
33. Mrs. Mary C. Edmonston, Junior Library Clerk.....	N	2 070
34. Lucy Douglas, Junior Library Clerk.....	N	1 980
35. Mrs. Beverly M. Carter, Junior Library Clerk.....	N	1 800
36. P. W. Lindell, Junior Library Clerk.....	N75	1 680
37. Mrs. Jean S. Johnson, Junior Library Clerk.....	N50	1 140
38. Mrs. Shirley K. Perry, Junior Library Clerk.....	N50	1 035
39. _____, Junior Library Clerk.....	N50	900

CARD DIVISION

40. Eula Clanton, Clerk-Typist III.....	N	2 550
41. Mrs. Mildred Knoop, Clerk-Typist II.....	N	2 160
42. Mrs. Ilse S. Gordon, Clerk-Typist II.....	N	2 070
43. Mrs. Mary L. Fuelleman, Clerk-Typist II.....	N	2 070
44. Mrs. Irene M. Sokolov, Clerk-Typist II.....	N	1 920
45. Clara A. Fanakos, Clerk-Typist II.....	N	1 800
46. Mrs. Klara Porter, Clerk-Typist II.....	N	1 800
47. Mrs. Sallie K. Lundeen, Clerk-Typist II.....	N50	1 050
<i>Total, Catalog</i>		(46 095)

PHOTOGRAPHIC REPRODUCTION LABORATORY

48. R. B. Heller, Assistant Photographer.....	N	2 900
49. M. E. Goldstein, Assistant Photographer.....	N50	1 290
<i>Total, Photographic Reproduction Laboratory</i>		(4 190)
<i>Total, Technical Departments</i>		\$101 330

CIRCULATION

Public Service

1. Helen D. Small, Clerk-Stenographer III.....	N	\$ 2 760
2. Elizabeth Retzer, Junior Library Clerk.....	N	2 520
3. Mrs. Beth K. Haggerty, Junior Library Clerk.....	N	2 280
4. _____, Junior Library Clerk.....	N50	990
5. Mrs. Ruth A. Davis, Junior Library Clerk.....	N	2 160
6. Mrs. Jean N. Smiley, Junior Library Clerk.....	N75	1 560
7. Mrs. Jane R. Haynes, Junior Library Clerk.....	N50	1 140
8. Anna Mae Hart, Junior Library Clerk.....	N50	1 035
9. Joanna K. Y. Liu, Junior Library Clerk.....	N	2 070
10. Mrs. Patricia G. Jeffries, Junior Library Clerk.....	N	2 250
11. Eleanor C. Dowling, Junior Library Clerk.....	N50	900
<i>Total, Circulation</i>		(19 665)

DEPARTMENTAL LIBRARIES

12. Mrs. Betty W. Peterson, Junior Library Clerk (Agriculture Library).....	N	2 070
13. Mrs. Joyce C. Stewart, Junior Library Clerk (Architecture Library).....	N	2 100
14. Mrs. Shirli M. Strehlew, Senior Library Clerk (Chemistry Library).....	N	2 400
15. Highland Wiseman, Junior Library Clerk (Commerce Library).....	N	1 920
16. _____, Junior Library Clerk (Commerce Library).....	N50	960
17. _____, Junior Library Clerk (Education Library).....	N	2 100

18. _____, Junior Library Clerk (Engineering Library).....	N	1 980
19. Mrs. Lois D. Draznik, Junior Library Clerk (Engineering Library).....	N	2 100
20. _____, Junior Library Clerk (Engineering Library).....	N	1 860
21. _____, Junior Library Clerk (Journalism Library).....	N	1 860
22. Mrs. Patricia G. Fuller, Junior Library Clerk (Law Library).....	N	1 800
23. Mrs. Kathleen Draper, Senior Library Clerk (Library School Library).....	N	2 400
24. J. N. Cain, Junior Library Clerk (Music Library).....	N ₅₀	1 050
25. Mrs. Margaret Kaminski, Junior Library Clerk (Natural History Library).....	N	2 280
26. Beth E. Goodrich, Junior Library Clerk (Natural History Library).....	N	1 920
27. Mrs. Muriel S. Johnson, Junior Library Clerk (Newspaper Room).....	N	1 800
28. _____, Junior Library Clerk (Physical Education Library).....	N	1 800
29. _____, Senior Library Clerk (Physics Library).....	N ₅₀	1 200
30. Louise Stull, Senior Library Clerk (Undergraduate Library).....	N	2 550
31. Joan O. Webster, Junior Library Clerk (Undergraduate Library).....	N	2 190
32. Mrs. Peggy R. Snodgrass, Junior Library Clerk (Undergraduate Library).....	N	2 100
33. Mrs. Juanita L. Brunner, Junior Library Clerk (Undergraduate Library).....	N	2 190
34. Mrs. Rosalind R. Wolfson, Junior Library Clerk (Undergraduate Library).....	N	2 130
<i>Total, Departmental Libraries</i>		(44 760)
<i>Total, Public Service Departments</i>		\$ 64 425

PHYSICAL PLANT

Administration

DIRECTOR'S OFFICE

1. C. W. Janke, Assistant to Director.....	N	\$ 8 190
2. Thelma E. Puckett, Secretary.....	N	3 150
3. Mrs. Hilda M. White, Clerk-Stenographer III.....	N	2 940
4. Thelma Graf, Clerk III.....	N	2 910
5. Sybil K. Nagle, Clerk-Stenographer III.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
6. Millicent Patterson, Clerk-Typist II.....	N	2 370
7. Mrs. Marilyn Lichton, Clerk II.....	N	2 100
8. _____, Clerk-Stenographer II.....	N	1 980

OPERATION AND MAINTENANCE DIVISION

9. L. G. Hernecheck, Assistant to Superintendent of Buildings and Grounds.....	N	7 650
10. O. G. Myers, Supervising Accountant.....	N	5 550
11. Helen Tobias, Secretary.....	N	4 380
12. L. A. Sticher, Junior Accountant.....	N	4 140
13. Clyde Roberts, Construction Accountant (From Physical Plant Labor).....	N	(3 918)
14. Edith McBride, Payroll Clerk III.....	N	3 480
15. Mary Brennan, Chief Clerk.....	N	2 940
16. Mrs. Beverly Brownfield, Clerk III.....	N	2 910
17. Mrs. Shirley M. Mescher, Clerk-Stenographer III.....	N	2 700
18. Mrs. Sibyl Smith, Bookkeeping Machine Operator II.....	N	2 580
19. C. Agnes Burke, Clerk II.....	N	2 580
20. Mary A. Kane, Clerk II.....	N	2 460
21. Mrs. Evelyn C. Hermansen, Clerk-Stenographer II.....	N	2 430

22. Mary T. Schumacher, Clerk II.....	N	2 280
23. Mrs. Ruth I. Swan, Clerk-Stenographer II.....	N	2 220
24. Mrs. Kaye F. Birge, Clerk-Stenographer II.....	N	2 100
25. E. B. Cooley, Clerk II (From Physical Plant Labor).....	N	(2 100)
26. Mrs. Kathryn K. Ferreird, Clerk-Typist II.....	N	1 800
27. Mrs. Mabel M. Williams, Bookkeeping Machine Operator I.....	N	2 160
28. Mary K. Jacobs, Bookkeeping Machine Operator I.....	N	1 920

STORES SECTION (Paid from Physical Plant Stores)

29. M. R. Blue, Material Expediter.....	N	(5 430)
30. M. W. Genung, Stores Supervisor.....	N	(4 410)
31. M. W. Dillman, Storekeeper.....	N	(3 726)
32. Francis Helbling, Storekeeper.....	N	(3 726)
33. W. E. Hanson, Storekeeper.....	N	(3 726)
34. Howard Rush, Storekeeper.....	N	(3 726)
35. R. F. Flick, Storekeeper.....	N	(3 540)
36. Ralph Brannon, Storekeeper.....	N	(3 480)
37. James Fisher, Clerk II.....	N	(2 370)
38. Mrs. Ruth O. Winks, Clerk II.....	N	(1 980)
<i>Total, Administration.....</i>		<i>\$ 79 920</i>

Building Operation

1. R. S. Chamberlin, Superintendent of Building Operations..	N33	\$ 2 760
(See Grounds).....	N67	(5 550)
(Total Salary).....		(8 310)
2. G. E. Von Brandt, Assistant to Superintendent of Operations.....	N	6 240
3. J. W. Sinnott, Janitor-Window Washer Foreman.....	P	(4 896) ¹
4. S. E. Griffith, Custodial Supervisor.....	P	(4 887) ¹
5. Carl Riggins, Custodial Supervisor.....	P	(4 785) ¹
6. T. E. Williams, Janitor-Floor Maintenance Foreman.....	P	(4 707) ¹
7. W. B. Norton, Janitor Foreman.....	P	(4 557) ¹
8. H. E. Ditter, Janitor Foreman.....	P	(4 557) ¹
9. R. F. Sullivan, Janitor Foreman.....	P	(4 557) ¹
10. L. V. Bickers, Janitor Foreman.....	P	(4 557) ¹
11. Elmer Anderson, Janitor Foreman.....	P	(4 557) ¹
12. H. W. Wozencraft, Janitor Foreman.....	P	(4 557) ¹
13. W. B. McIntyre, Janitor Foreman.....	P	(4 557) ¹
14. P. W. Cruikshank, Public Functions Supervisor.....	N	4 440
15. Herman Pfugmacher, Janitor-Window Washer Sub-Foreman.....	P	(4 026) ¹
16. Avon Watson, Janitor-Window Washer Sub-Foreman....	P	(4 026) ¹
17. D. P. O'Donnell, Janitor-Floor Maintenance Sub-Foreman	P	(3 870) ¹
<i>Total, Building Operation.....</i>		<i>\$ 13 440</i>

Fire Prevention and Safety

1. H. L. White, Superintendent of Sanitation and Safety....	N67	\$ 5 100
(See Water Station).....	N33	(2 550)
(Total Salary).....		(7 650)
2. F. W. Stateler, Fire Chief.....	P	(4 260) ¹
3. P. D. Lytle, Assistant Fire Chief.....	P	(4 015) ¹
4. W. E. Day, Fire Captain.....	P	(3 915) ¹
5. J. A. Sowers, First Lieutenant.....	P	(3 815) ¹
6. H. R. McGahey, Second Lieutenant.....	P	(3 765) ¹
7. W. D. Brash, Second Lieutenant.....	P	(3 765) ¹
<i>Total, Fire Prevention and Safety.....</i>		<i>\$ 5 100</i>

Police and Watchmen

1. J. E. Blaze, Supervisor of Security and Traffic.....	N50	\$ 2 715
(See Security Office).....	N50	(2 715)
(Total Salary).....		(5 430)

¹ From Physical Plant Labor.

2. R. S. Laymon, Assistant Supervisor of Security and Traffic (See Security Office).....	N50	2 085
(Total Salary).....	N50	(2 085)
3. William Irvine, Captain.....	P	(4 170)
4. Edward Casteel, First Lieutenant.....	P	(4 015) ¹
5. Glenn Thompson, Second Lieutenant.....	P	(3 915) ¹
6. L. W. Harry, Sergeant.....	P	(3 815) ¹
7. Myron Stipp, Sergeant.....	P	(3 765) ¹
8. _____, Sergeant.....	P	(3 765) ¹
<i>Total, Police and Watchmen.....</i>		<i>\$ 4 800</i>

Building Maintenance

1. E. L. Kemp, Superintendent of Building Maintenance....	N	\$ 8 940
2. R. F. Vogel, Acting Structural Engineer.....	N	6 540
3. E. R. Berbaum, Building Inspector.....	N	4 800
<i>Total, Building Maintenance.....</i>		<i>\$ 20 280</i>

General Maintenance

1. W. C. Surbaugh, Brickmason Foreman.....	P	\$ (7 749) ¹
2. W. O. Martin, Supervisor of Building Craftsmen.....	P	(6 822) ¹
3. R. O. Johnson, Carpenter Foreman.....	P	(6 822) ¹
4. L. G. Winkpleck, Carpenter-Millman Foreman.....	P	(6 822) ¹
5. W. E. Johnson, Carpenter-Upholsterer Foreman.....	P	(6 822) ¹
6. N. W. Nester, Civil Engineer.....	N	(6 540) ¹
7. L. E. Douglass, Project Engineer.....	N	(6 300) ¹
8. F. A. Parks, Project Engineer.....	N	(6 300) ¹
9. G. L. Johnson, Painter Foreman.....	P	(6 141) ¹
10. Burl McMahon, Painter Foreman.....	P	(6 141) ¹
11. C. C. Andrew, Senior Architectural Draftsman.....	N	(5 910) ¹
12. C. M. Walker, Estimator.....	N	(5 910) ¹
13. H. G. Canaday, Sheetmetal Foreman.....	P	(5 799) ¹
14. J. E. Ryan, Machinist Foreman.....	P	(5 727) ¹
15. W. E. Huston, Carpenter Sub-Foreman.....	P	(5 610) ¹
16. _____, Specifications Writer.....	N	(5 400) ¹
17. _____, Project Engineer.....	N	(5 400) ¹
18. F. B. Smith, Construction Labor Foreman.....	P	(5 049) ¹
19. M. E. Siler, Painter Sub-Foreman.....	P	(5 049) ¹
20. C. D. Merritt, Painter Sub-Foreman.....	P	(5 049) ¹
21. _____, Machinist Sub-Foreman.....	P	(4 710) ¹
22. W. E. Lindsey, Sheetmetal Sub-Foreman.....	P	(4 554) ¹
23. Gerald Ducey, Construction Labor Sub-Foreman.....	P	(4 152) ¹
24. Harold Haugaard, Routing Supervisor.....	N	3 930
25. Rodney Wilson, Junior Engineering Draftsman.....	N	(3 810) ¹
26. Robert Mueller, Junior Engineering Draftsman.....	N	(3 480) ¹
27. Mrs. Cora L. James, Routing Dispatcher III.....	N	3 480
28. Mrs. Nevella Donley, Clerk-Stenographer II.....	N	2 250
29. Maria P. Hayes, Routing Dispatcher II.....	N	2 190
30. Mrs. Lorelei Grossner, Routing Dispatcher II.....	N	2 190
31. Mrs. Joetta Register, Routing Dispatcher II.....	N	1 920
<i>Total, General Maintenance.....</i>		<i>\$ 15 960</i>

Grounds

1. R. S. Chamberlin, Superintendent of Operations.....	N67	\$5 550
(See Building Operation).....	N33	(2 760)
(Total Salary).....		(8 310)
2. R. L. Zander, Operations Engineer.....	N50	2 940
(See Trucks and Cars).....	N50	(2 940)
(Total Salary).....		(5 880)
3. J. D. DuBose, Project Engineer.....	N	(5 790) ¹

¹ From Physical Plant Labor.

4. Roy Brown, Foreman	P	(4 824) ¹
5. E. C. Schmidt, Sub-Foreman	P	(3 969) ¹
<i>Total, Grounds</i>		\$ 8 490

Trucks and Cars

1. R. L. Zander, Operations Engineer	N50	\$ 2 940
(See Grounds)	N50	(2 940)
(Total Salary)		(5 880)
2. E. L. Wiese, Garage Foreman	P	(5 814) ¹
3. C. T. Shipman, Auto Foreman	P	(5 595) ¹
4. Carl Lewis, Garage Sub-Foreman	P	(5 214) ¹
5. Roy Long, Auto Sub-Foreman	P	(4 392) ¹
<i>Total, Trucks and Cars</i>		\$ 2 940

Heat, Light, and Power

1. G. V. Carlson, Superintendent of Utilities	N	\$ 9 120
2. W. W. Hinshaw, Electrical Engineer	N	(8 190) ¹
3. K. W. Smith, Mechanical Engineer	N	(7 860) ¹
4. C. S. Swearingen, Plumber Foreman	P	(7 131) ¹
5. P. B. Madsen, Steamfitter Foreman	P	(7 131) ¹
6. T. A. Bradbury, Power Plant Mechanical Engineer	N	7 020
7. C. D. Crays, Electrician Foreman	P	(6 822) ¹
8. G. H. Eastman, Electrician Foreman	P	(6 822) ¹
9. Clyde Lewis, Electrician Foreman	P	(6 822) ¹
10. W. V. Jackson, Electrician Foreman	P	(6 822) ¹
11. L. C. Maxwell, Electrician Foreman	P	(6 822) ¹
12. B. W. Anderson, Assistant Electrical Engineer	N	(6 300) ¹
13. E. W. Kortkamp, Plumber Sub-Foreman	P	(5 841) ¹
14. A. C. Ginzbourger, Electrician Sub-Foreman	P	(5 610) ¹
15. E. E. Harris, Electrician Sub-Foreman	P	(5 610) ¹
16. Charles Raney, Steam Distribution Foreman	P	(5 535) ¹
17. Carl Bement, Instrument and Efficiency Engineer	N	5 400
18. J. J. Caldwell, Steam Distribution Sub-Foreman	P	(4 548) ¹
19. R. J. Henneman, Junior Assistant Electrical Engineer	N	(4 500) ¹
20. M. O. Williams, Mechanical Engineer	N	(4 500) ¹
21. ———, Junior Mechanical Engineer	N	(4 200) ¹
22. M. G. Robertson, Senior Operations Clerk	N	3 930
23. ———, Junior Electrical Engineer	N	(3 900) ¹
<i>Total, Heat, Light, and Power</i>		\$ 25 470

Water Station

1. H. L. White, Superintendent of Sanitation and Safety	N33	\$ 2 550
(See Fire Prevention and Safety)	N67	(5 100)
(Total Salary)		(7 650)
2. T. R. Stayton, Water Station Foreman	P	(5 166) ¹
3. Mrs. Lella R. Lancaster, Clerk-Stenographer II	N	2 100
<i>Total, Water Station</i>		\$ 4 650

Reservations and Information

1. Mrs. Alice S. Hurt, Assistant to the Director of Illini Union.	N50	\$ 2 145 ^{MM}
(See Illini Union)	N50	(2 145)
(Total Salary)		(4 290)
2. W. G. Winn, Supervisor of Information	N	3 510
3. Mrs. Mary K. Pullen, Clerk III	N	2 520
4. Mrs. Barbara Simons, Clerk II	N50	1 035
(See Illini Union)	N50	(1 035)
(Total Salary)		(2 070)
<i>Total, Reservations and Information</i>		\$ 9 210

¹ From Physical Plant Labor.

Architectural Division(To be charged to operating or capital appropriations
on the basis of work performed)

1. A. S. Davis, Associate Architect	N	\$ (8 310)
2. C. A. Frazier, Architectural Mechanical Engineer	N	(8 190)
3. C. E. Oswald, Electrical Engineer	N	(7 440)
4. W. H. Stermer, Associate Architect	N	(7 260)
5. J. A. Curtis, Senior Architectural Draftsman	N	(6 210)
6. ———, Associate Architect	N	(6 000)
7. S. A. Dahlstrom, Senior Architectural Draftsman	N	(5 910)
8. K. D. Jennings, Senior Architectural Draftsman	N	(5 790)
9. J. O. Cederberg, Senior Architectural Draftsman	N	(5 730)
10. C. L. Sands, Architectural Mechanical Engineer	N	(5 700)
11. R. B. Jacobsen, Senior Architectural Draftsman	N	(5 700)
12. R. M. Buchanan, Architectural Superintendent	N	(5 580)
13. Charles Farina, Senior Architectural Draftsman	N	(5 250)
14. E. S. Sefcik, Senior Accountant	N	(4 350)
15. Geneva P. Fleming, Senior Architectural Draftsman	N	(4 320)
16. C. T. Jackson, Junior Architectural Draftsman	N	(3 960)
17. J. G. Schelter, Junior Architectural Draftsman	N	(3 840)
18. B. P. Chamberlin, Junior Architectural Draftsman	N	(4 080)
(On leave without pay for military service)		
19. ———, Junior Architectural Draftsman	N	(3 780)
20. E. A. Cook, Junior Architectural Draftsman	N	(3 780)
21. J. R. Fuller, Junior Architectural Draftsman	N	(3 750)
22. ———, Junior Architectural Draftsman	N	(3 300)
23. ———, Junior Architectural Draftsman	N	(3 120)
24. Mrs. Annabel R. Chandler, Clerk-Stenographer II	N	(2 280)
25. Delores G. Meyer, Clerk-Stenographer II	N	(2 280)
26. ———, Clerk-Stenographer III	N	(2 200)
27. ———, Clerk II	N	(1 860)
28. Joyce M. Cuskaden, Clerk II	N	(1 800)
29. ———, Clerk II	N	(1 800)
30. ———, Clerk-Typist II	N	(1 740)
31. A. E. Bach, Specification Writer . . . . .		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
32. T. H. Nielson, Senior Architectural Draftsman . . . . .		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
<i>Total, Architectural Division</i>		<u>\$ (131 230)</u>

Auxiliary Enterprises**Illini Union — General Building**

1. O. E. Unger, Assistant Director	N	\$ 6 060
2. A. E. Sawyer, Chief Building Operating Engineer	N	6 060
3. E. F. Finder, Supervising Accountant	N	5 040
4. Fred Brown, Janitor Foreman	P	(4 557)
5. C. E. Wertz, Assistant to the Director	N	4 350 ^M
6. Mrs. Alice S. Hurt, Assistant to the Director	N ₅₀	2 145 ^{MM}
(See Reservations and Information)		N ₅₀
(Total Salary)		(4 290) ^{MM}
7. Helen W. McLean, Assistant to Social Director	N	3 300
8. W. R. Bierbaum, Assistant to Social Director	N	3 120
9. ———, Assistant to Social Director	G	1 380
(September to June)		
10. Lawrence Ruhnow, Junior Accountant	N	3 120
11. Frances J. Lierman, Clerk III	N	2 880
12. Robert L. McNabb, Clerk III	N	2 760
13. Dale Mellon, Clerk III	N	2 430
14. Mrs. Loretta Johnson, Clerk-Typist III	N	2 400

15. Mrs. Helen M. Peirce, Clerk-Stenographer III.....	N	2 280
16. _____, Clerk III.....	N	2 100
17. Mrs. Laura K. Utter, Bookkeeping Machine Operator II..	N	2 520
18. Jane Brackett, Clerk-Stenographer II.....	N	2 310
19. Mrs. Carol Magill, Clerk II.....	N	2 190
20. Mrs. Barbara Simons, Clerk II.....	N ⁵⁰	1 035
(See Reservations and Information).....	N ⁵⁰	(1 035)
(Total Salary).....		(2 070)
21. Mrs. Onnollee Nance, Clerk II.....	N	1 950
22. Mrs. Doris Clark, Clerk-Stenographer I.....	N	1 950
23. Doris I. Kirby, Clerk Typist II.....	N	1 800
24. Mrs. Norma Bogard, Clerk-Typist I.....	N	1 950
25. Mrs. Dorothy Rhodes, Bookkeeping Machine Operator I..	N	1 920
26. Stella Cameron, Chief Operator (From Telephone Service)	P	(2 871)
27. Margaret Brunn, Clerk II (From Telephone Service).....	N	(2 070)
<i>Total, Illini Union—General Building.....</i>		<i>\$ 67 050</i>

Illini Union—Food Service

1. Martha Irwin, Food Service Manager.....	N	\$ 6 210 ^{MM}
2. Doris Green, Food Production Manager.....	N	4 080 ^{MM}
3. Dorothea V. Barth, Food Production Manager.....	N	1 230 ^{MM}
(From University Club).....		(2 460)
(Total Salary).....		(3 690) ^{MM}
4. _____, Assistant Food Production Manager....	N	2 700 ^{MM}
5. Anne Rozich, Assistant Food Production Manager.....	N	3 300 ^{MM}
6. Dorothy Jones, Assistant Food Production Manager.....	N	2 640 ^{MM}
7. Mrs. Naomi J. Bowen, Assistant Food Production Manager	N	3 210 ^{MM}
8. R. D. Smith, Assistant Food Production Manager.....	N	2 700 ^{MM}
9. Mrs. Lola E. Grant, Assistant Food Production Manager..	N	2 910 ^{MM}
10. A. M. Sands, Stores Clerk.....	N	3 240 ^{MM}
11. Edna Unfer, Clerk-Stenographer II.....	N	2 090 ^{MM}
12. Business Office Charges (Hott).....	N	1 584
<i>Total, Illini Union—Food Service.....</i>		<i>\$ 35 894</i>

Illini Union—Bookstore

1. K. L. Rhodes, Bookstore Manager.....	N	\$ 6 180
2. O. A. Keating, Assistant Bookstore Manager.....	N	3 930
3. H. E. Culbertson, Stores Clerk.....	N	2 952
4. Florene Johnson, Clerk II.....	N	2 280
5. Jean L. Witt, Clerk-Stenographer II.....	N	2 070
6. Emily Meeland, Clerk I.....	N	1 980
<i>Total, Illini Union—Bookstore.....</i>		<i>\$ 19 392</i>

Illini Union—Coffee House

1. Mrs. Evelyn Whitson, Assistant Food Production Manager	N	\$ 3 630 ^{MM}
<i>Total, Illini Union—Coffee House.....</i>		<i>\$ 3 630</i>

Illini Union—Bowling Alley

1. B. N. Lippincott, Bowling Alley Manager.....	N ⁶⁷	\$ 2 060
(From Billiards).....	N ³³	(1 030)
(Total Salary).....		(3 090)
2. F. P. Broad, Bowling and Billiard Attendant.....	N ³³	760
(From Billiards).....	N ⁶⁷	(1 520)
(Total Salary).....		(2 280)
3. A. L. Price, Jr., Bowling and Billiard Attendant.....	N	1 920
<i>Total, Illini Union—Bowling Alleys.....</i>		<i>\$ 4 740</i>

Illini Union—Billiards

1. B. N. Lippincott, Bowling Alley Manager.....	N ³³	\$ 1 030
(From Bowling Alleys).....	N ⁶⁷	(2 060)
(Total Salary).....		(3 090)

2. F. P. Broad, Bowling and Billiard Attendant.....	N67	1 520
(From Bowling Alleys).....	N33	(760)
(Total Salary).....		(2 280)
<i>Total, Illini Union—Billiards</i>		\$ 2 550

Illini Union — University Club

1. Dorothea V. Barth, Food Production Manager.....	N67	\$ 2 460 ^{MM}
(From Food Service).....	N33	(1 230)
(Total Salary).....		(3 690) ^{MM}
<i>Total, Illini Union—University Club</i>		\$ 2 460

Residence Halls Administration

1. V. C. Norman, Assistant Director of Housing.....	N	\$ 7 140
2. P. W. Isbell, Assistant to the Director of Housing.....	N	5 490
3. N. D. Boyd, Janitor Foreman.....	P	4 564
4. K. L. Thurston, Senior Accountant.....	N	3 998
(See Dean of Students, Housing Division).....		(322)
(Total Salary).....		(4 320)
5. Mrs. Ann Allen, Payroll Clerk III.....	N	3 180
6. D. J. Alberts, Clerk III.....	N	2 880
7. Mrs. Lois J. Comer, Clerk-Stenographer III.....	N	1 032
(See Dean of Students, Housing Division).....		(1 548)
(Total Salary).....		(2 580)
8. S. J. Brownfield, Clerk II.....	N	2 550
9. Juanita B. Clark, Clerk II.....	N	2 550
10. Florence Witges, Clerk III.....	N	2 520
11. Mrs. Wanda Whitten, Clerk II.....	N	2 370
12. Mrs. Dorothy Matlock, Clerk II.....	N	2 100
13. ———, Clerk II.....	N	2 040
14. Evelyn M. Tash, Clerk I.....	N	1 980
15. J. A. Koch, Assistant to Manager of Residence Halls (From Undistributed Residence Halls Salaries).....	N	(3 300) ^{RBV}
16. Mrs. Nelle A. Bireline, Assistant to Manager of Residence Halls (From Undistributed Residence Halls Salaries).....	N	(3 090) ^{RBV}
17. ———, Food Service Manager (From Undistributed Residence Halls Salaries).....	N	(4 602) ^{MMU}
18. H. L. Gott, Housing Maintenance Supervisor (From Undistributed Residence Halls Salaries).....	N	(3 972)
(See Dean of Students, Housing Division).....		(978)
(Total Salary).....		(4 950)
19. D. N. Reynolds, Housing Maintenance Inspector (From Undistributed Residence Halls Salaries).....	N	(3 630)
20. L. L. James, Housing Maintenance Inspector (From Undistributed Residence Halls Salaries).....	N	(3 510)
21. G. O. Lovett, Janitor Foreman (From Undistributed Residence Halls Salaries).....	P	(4 564)
22. Carole Ann Hunter, Clerk II (From Undistributed Residence Halls Salaries).....	N	(2 100)
23. Business Office Charges (Hott).....	N	(1 440)
<i>Total, Residence Halls Administration</i>		\$ 44 394

Men's Residence Halls

1. Pauline Taylor, Food Production Manager.....	N	\$ 3 510 ^{MMU}
2. Mrs. Sarah Bieniecki, Assistant Food Production Manager.....	N	2 640 ^{MMU}
3. ———, Clerk-Typist II.....	N	1 920
4. Mrs. Mabel Wightman, Clerk I.....	N	1 890
5. Mrs. Helen M. Groves, Clerk I.....	N	1 890
6. Charges from Undistributed Residence Halls Salaries.....		11 504
<i>Total, Men's Residence Halls</i>		\$ 23 354

Bussey-Evans Halls

1. ———, Food Production Manager.....	N	\$ 3 480 ^{MMU}
2. Elizabeth A. Burton, Assistant Food Production Manager.....	N	2 910 ^{MMU}

3. Mrs. Emma Marshky, Clerk I.....	N	2 130
4. Mrs. Carrie H. Coffman, Clerk I.....	N	2 070
5. Mrs. Rita Johnson, Clerk I.....	N	1 890
6. Mrs. Rita C. Weir, Clerk I.....	N	1 890
7. Charges from Undistributed Residence Halls Salaries.....		6 119
<i>Total, Busey-Evans Halls.....</i>		<i>\$ 20 489</i>

Lincoln Avenue Residence

1. Clare K. Korb, Food Production Manager.....	N	\$ 4 140 ^{MMU}
2. Lacy Ellen Underwood, Assistant Food Production Manager.....	N	2 790 ^{MMU}
3. _____, Clerk I.....	N	1 800
4. Mrs. Shirley Benner, Clerk-Typist II.....	N	2 070
5. Mrs. Bernice M. Brockhouse, Clerk I.....	N	1 950
6. Charges from Undistributed Residence Halls Salaries.....		9 629
<i>Total, Lincoln Avenue Residence.....</i>		<i>\$ 22 379</i>

Parade Ground Dormitories

1. H. O. Williams, Janitor Foreman.....	P	\$ 4 564
2. H. W. Naleway, Housing Maintenance Inspector.....	N	3 840
3. M. F. Howell, Clerk III.....	N	2 910
4. _____, Clerk-Typist II.....	N	1 680
5. Charges from Undistributed Residence Halls Salaries.....		399
<i>Total, Parade Ground Dormitories.....</i>		<i>\$ 13 393</i>

Student and Staff Apartments

1. E. W. Goldie, Housing Maintenance Supervisor.....	N	\$ 4 500
2. F. W. Good, Housing Maintenance Inspector.....	N	3 420
3. Charges from Undistributed Residence Halls Salaries.....		456
<i>Total, Student and Staff Apartments.....</i>		<i>\$ 8 376</i>

Temporary Family Housing (Paid from Stadium Terrace Operations)

1. J. D. Barnes, Manager, Temporary Family Housing.....	N	\$ 4 950
2. D. S. Hall, Assistant Manager, Temporary Family Housing.....	N	4 320
3. R. C. Fonner, Housing Maintenance Inspector.....	N	3 840
4. W. D. Moore, Housing Maintenance Inspector.....	N	3 570
5. K. E. Maddox, Fire Inspector.....	P	3 381
6. D. B. Stayton, Housing Maintenance Inspector.....	N	3 420
7. Mrs. Hazel M. Healy, Clerk-Stenographer II.....	N	2 250
8. Mrs. Dolores B. Carl, Clerk-Typist II.....	N	1 800
9. Business Office Charges (Belsan and Sadler).....		3 260
<i>Total, Temporary Family Housing.....</i>		<i>\$ 30 791</i>

**CHICAGO PROFESSIONAL COLLEGES
ADMINISTRATION AND GENERAL**

Vice-President's Office

1. Margaret C. Clancy, Chief Clerk	N	\$ 4 950
2. Mrs. Rose Woodward, Clerk-Stenographer III	N	3 060
3. Mrs. Phyllis A. Eirich, Clerk-Typist III	N ⁵⁰	1 320
(See Clinical Science)	N ⁵⁰	(1 320)
(Total Salary)		(2 640)
<i>Total, Vice-President's Office</i>		<u>\$ 9 330</u>

Health Service

1. Mrs. Margaret M. Weinzierl, Head Nurse	N	\$ 3 900
2. Mrs. Grace Waddington, Clerk-Stenographer III	N	3 090
3. Lavergne Koc, Clerk-Stenographer II	N	2 730
4. Mrs. Muriel A. Nace, Clerk II	N	2 256
<i>Total, Health Service</i>		<u>\$ 11 976</u>

Animal Hospital

1. A. L. Hesse, Supervisor of Animal Hospital	N	\$ 4 980
2. Mrs. Rose L. Walsh, Chief Clerk	N	3 240
3. Glenn O. Dodd, Head Animal Caretaker	N	3 900
4. Reva Kemp, Senior Medical Technologist	N	3 570
5. Mrs. Lorraine A. Litt, Junior Laboratory Assistant	N	2 700
6. E. F. Sheehan, Animal Caretaker . . . . .		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
7. Joseph Tuma, Animal Caretaker	N	(3 150) ¹
8. Charles Kaczmarek, Animal Caretaker	N	(3 000) ¹
9. Norman Jones, Animal Caretaker	N	(2 850) ¹
10. Jacob Van Dyke, Animal Caretaker	N	(2 850) ¹
11. Bradley Keith, Animal Caretaker	N	(2 775) ¹
12. Radford Chambers, Animal Caretaker	N	(2 700) ¹
13. Russell Speer, Animal Caretaker	N	(2 700) ¹
14. _____, Animal Caretaker	N	(2 700) ¹
15. _____, Animal Caretaker	N	(2 700) ¹
16. Robert Bouldin, Animal Caretaker	N	.....
(On leave without pay for military service)		
<i>Total, Animal Hospital</i>		<u>\$ 18 390</u>

General

Business Office

1. G. H. Pontious, Assistant Business Manager of the Chicago Colleges and Divisions	N	\$ 7 590
2. Virginia Wanamaker, Secretary	N	3 960
3. Mrs. Lorraine R. Wolff, Clerk-Stenographer III	N	3 000
4. Stephanie Jarog, Clerk-Stenographer III	N	2 940

ACCOUNTING

5. H. O. Albers, Division Chief Accountant	N	6 540
6. M. A. Schaid, Supervising Accountant	N	4 920
7. Irving Knop, Senior Accountant	N	2 595
(From Veterans Equipment Procurement)		(2 595)
(Total Salary)		(5 190)
8. Marvin Jaffe, Junior Accountant	N	3 420
9. Mrs. Reva Winslow, Clerk III	N	3 300
10. Mrs. Ruth Linkus, Office Appliance Operator III	N	3 300
11. Mrs. Grace Soucek, Office Appliance Operator III	N	3 300
12. Dolores Keating, Clerk III	N	2 940
13. Mrs. Fay Shanafelt, Clerk-Typist III	N	2 850

¹ From Animal Hospital Revolving.

14. _____, Clerk-Stenographer III.....	N	2 700
15. Jacqueline Petruzelli, Clerk-Typist III.....	N	2 520
16. Joyce Weiler, Clerk-Typist II.....	N	2 400
17. Joan Kohl, Clerk II.....	N	2 400
18. Joan Ulie, Clerk-Typist II.....	N	2 400
19. Ellen Reilly, Clerk-Typist II (From U. S. Contracts— Indirect Costs).....	N	(2 340)
COLLECTIONS		
20. Mrs. Harriet B. Lohman, Head Cashier.....	N	4 200
21. Mrs. Audrey Kester, Cashier.....	N	2 880
22. Mrs. Elizabeth Brewer, Cashier.....	N	2 820
PAYROLLS		
23. Mrs. Genevieve Cameron, Payroll Supervisor.....	N	4 500
24. Mrs. Florence Menifee, Payroll Clerk III.....	N	3 600
25. Betty Merwin, Payroll Clerk II.....	N	1 500
(See Division of Services for Crippled Children).....		(1 500)
(Total Salary).....		(3 000)
26. Barbara Kelow, Payroll Clerk II.....	N	2 880
PURCHASING		
27. J. F. Knight, Purchasing Agent, Chicago Colleges and Divisions.....	N	8 280
28. R. E. Ohlzen, Assistant Purchasing Agent.....	N	2 880
(From Student Supply Store).....		(1 920)
(From Chicago General Stores).....		(1 080)
(Total Salary).....		(5 880)
29. Ward Walhay, Senior Purchasing Assistant.....	N	3 900
(From Student Supply Store).....		(1 440)
(Total Salary).....		(5 340)
30. Mary Catherine Horn, Junior Purchasing Assistant.....	N	3 630
31. Ed Flanagan, Supervisor Central Receiving Station.....	N	3 570
32. Mrs. Harriet Lynch, Inventory Supervisor.....	N	3 420
33. Joseph Ramsey, Junior Purchasing Assistant.....	N	3 240
34. Mrs. Sally Galvin, Clerk-Stenographer III.....	N	3 240
35. Mrs. Josephine Dolciamore, Clerk III.....	N	3 180
36. Josephine Rzeszut, Clerk III.....	N	2 730
37. _____, Receiving Clerk.....	N	2 700
38. _____, Clerk-Stenographer III.....	N	2 700
39. Mrs. Eva Perkal, Clerk II.....	N	2 640
40. Stephanie Lizius, Clerk-Typist II.....	N	2 640
41. Mrs. Norma McMurray, Clerk-Typist III.....	N	2 580
42. Mrs. Josephine P. Oliverio, Clerk-Typist II.....	N	2 460
43. Mrs. Mary Meyer, Clerk-Typist II.....	N	2 460
44. Mrs. Jane Coffelt, Clerk-Typist II.....	N	2 280
45. Mrs. Joan Bradley, Clerk-Typist II.....	N	2 280
46. Jacqueline Syracuse, Clerk-Typist II.....	N	2 250
47. Dorothy Dvoran, Clerk-Typist II.....	N	2 100
48. B. F. Dungan, Manager of Student Supply Store (From Student Supply Store).....	N	(5 280)
49. Richard Walker, Supply Attendant (From Student Supply Store).....	N	(3 180)
50. Mrs. Dorida King, Stores Clerk (From Student Supply Store).....	N	(3 120)
51. Mrs. Bernice G. Kudla, Clerk-Typist II (From Student Supply Store).....	N	(2 520)
52. Harry Phillip, Stores Supervisor (From Chicago General Stores).....	N	(4 200)
53. Elvie McClinton, Supply Attendant (From Chicago General Stores).....	N	(3 420)
54. Carter Gibson, Supply Attendant (From Chicago General Stores).....	N	(3 120)

55. Joseph Arnold, Supply Attendant (From Chicago General Stores).....	N	(3 240)
56. Clara Schildein, Stores Clerk (From Chicago General Stores).....	N	(3 120)

TABULATING MACHINES (Paid from Tabulating Machines Operation)

57. O. P. Carter, Tabulating Machines Supervisor.....	N	(5 500)
58. Curtney Coopman, Tabulating Machines Operator III...	N	(3 360)
59. Mrs. Kathryn Flynn, Tabulating Machines Operator I...	N	(3 240)
60. Mrs. Elizabeth DaCosta, Tabulating Machines Operator I	N	(3 240)
61. Rita Coblyn, Tabulating Machines Operator I.....	N	(2 820)
<i>Total, Business Office—General</i>		<u>\$150 615</u>

Business Office—INI

1. _____, Junior Accountant.....		\$ 3 000
2. _____, Clerk-Stenographer III.....		2 700
3. _____, Clerk-Typist II.....		2 400
<i>Total, Business Office—INI</i>		<u>\$ 8 100</u>

Auditing

1. W. E. Cowart, Assistant Auditor.....	N	\$ 6 780
2. F. J. Strikich, Senior Accountant.....	N	4 620
3. C. R. Merrifield, Jr., Junior Accountant.....	N	3 420
4. Mrs. Marlene Schaeede, Clerk-Typist III.....	N	2 700
<i>Total, Auditing</i>		<u>\$ 17 520</u>

Office of Admissions and Records

1. Velma M. Davis, Assistant Examiner and Recorder.....	N	\$ 4 950
2. Mrs. Ethel Engeljohn, Chief Clerk.....	N	4 170
3. Helen Wyle, Clerk-Stenographer III.....	N	3 570
4. Lucile Nedwick, Clerk-Typist III.....	N	3 090
5. Norma Randell, Clerk-Typist II.....	N	2 520
6. T. J. Loftus, Men's Locker Room Attendant.....	N50	1 365
(See Medicine Administration).....	N50	(1 365)
(Total Salary).....		<u>(2 730)</u>
<i>Total, Office of Admissions and Records</i>		<u>\$ 19 665</u>

Nonacademic Personnel

1. Mrs. Gertrude Meiers, Personnel Officer.....	N	\$ 5 220
2. William Wagner, Placement Officer.....	N	3 810
3. Mrs. Betty S. DeFuria, Visiting Nurse.....	N67	2 320
(See Chicago Undergraduate Division).....	N33	(1 160)
(Total Salary).....		<u>(3 480)</u>
4. Grace Moore, Visiting Nurse.....	N	3 000
5. Sara Bock, Secretary.....	N65	2 371
(From Stenographic Service Operations).....	N35	(1 289)
(Total Salary).....		<u>(3 660)</u>
6. Beverly A. Jones, Clerk-Stenographer III.....	N	3 210
7. Christine A. Jensen, Clerk III.....	N	2 910
8. Margaret Olivet, Clerk III.....	N	2 850
9. Juanita Pine, Clerk III.....	N	2 460

STENOGRAPHIC SERVICE

10. Lillian Santana, Duplicating Machine Operator III (From Stenographic Service Operations).....	N	(2 640)
<i>Total, Nonacademic Personnel</i>		<u>\$ 28 151</u>

Student Affairs

1. Constance Roark, Clerk-Stenographer III.....	N	\$ 3 060
2. Mrs. Nancy Marks, Clerk-Stenographer II.....	N	2 640
<i>Total, Student Affairs</i>		<u>\$ 5 700</u>

Public Information Division of Communications

1. Rita J. Toohey, Editorial Assistant.....	N	\$ 3 150
2. Betty J. Norberg, Editorial Assistant.....	N	3 150
<i>Total, Public Information.....</i>		<u>\$ 6 300</u>

COLLEGE OF MEDICINE**Administration**

1. Catharine E. Dolan, Secretary.....	N	\$ 4 950
2. Irene Smotrys, Clerk-Typist III.....	N	2 820
3. _____, Secretary.....	N	2 880
4. T. J. Loftus, Men's Locker Room Attendant.....	N ₅₀	1 365
(See Admissions and Records).....	N ₅₀	(1 365)
(Total Salary).....		(2 730)
<i>Total, Administration.....</i>		<u>\$ 12 015</u>

Postgraduate

1. _____, Clerk-Stenographer II.....	N	\$ 2 400
2. Alice Cizma, Clerk-Stenographer III.....	N	3 300
3. Mrs. Eula Gilmore, Clerk-Stenographer III.....	N	1 000
(See Ophthalmology).....		(1 934)
(Total Salary).....		(2 934) ^M
<i>Total, Postgraduate.....</i>		<u>\$ 6 700</u>

Anatomy

1. E. W. Hospodar, Museum Preparator.....	N	\$ 4 000
2. G. H. Miller, Senior Medical Technologist.....	N	3 990
3. R. F. Bouldin, Senior Medical Technologist.....	N	3 570
4. Mrs. Eunice Mahon, Senior Laboratory Assistant.....	N	3 090
5. Dorothy I. Duncan, Secretary.....	N	3 990
<i>Total, Anatomy.....</i>		<u>\$ 18 640</u>

Bacteriology

1. S. G. Moore, Senior Medical Technologist.....	N	\$ 4 050
2. Calvin Toliver, Assistant Laboratory Assistant.....	N	2 520
3. Mrs. Hilda Paulsen, Senior Laboratory Assistant.....	N	3 210
4. Mrs. Florence Nicolai, Junior Laboratory Assistant.....	N	2 760
5. Mrs. Annie Walker, Assistant Laboratory Assistant.....	N	2 520
6. Mrs. Maxine A. Mason, Secretary.....	N	3 810
<i>Total, Bacteriology.....</i>		<u>\$ 18 870</u>

Cooperative Investigations**INDIRECT COSTS BACTERIOLOGY 56-20-99**

1. Catherine Lundy, Clerk-Typist III.....	N ₄₀	\$ 1 165
(See Graduate College Administration).....	N ₆₀	(1 715)
(Total Salary).....		(2 880)

Biological Chemistry

1. _____, Junior Laboratory Assistant.....	N	\$ 2 700
2. Virginia A. Smith, Assistant Laboratory Assistant.....	N	2 280
3. Clara E. Smith, Assistant Laboratory Assistant.....	N	2 220
4. Barbara Bristow, Clerk-Stenographer III.....	N	2 820
5. _____, Junior Laboratory Assistant.....	N	2 550
<i>Total, Biological Chemistry.....</i>		<u>\$ 12 570</u>

Clinical Science

1. Elizabeth L. Faler, Chief Clerk.....	N	\$ 3 900
2. Doris Nielsen, Clerk-Stenographer III.....	N	3 150

3. Phyllis A. Eirich, Clerk-Typist III.....	N50	1 320
(See Vice-President's Office).....	N50	(1 320)
(Total Salary).....		(2 640)
<i>Total, Clinical Science</i>		\$ 8 370

Dermatology

1. Mrs. Valborg Foss-Bormann, Senior Medical Technologist	N	\$ 3 630
2. Mrs. May S. Hashioka, Secretary.....	N	3 180
<i>Total, Dermatology</i>		\$ 6 810

Cooperative Investigations**CONSOLIDATED COSMETICS—DEPILATORY GRANT**

1. Mrs. Marie Ehrlicher, Clerk-Stenographer III.....	N50	\$ 1 290
(See Medicine Cooperative Investigations).....	N50	(1 290)
(Total Salary).....		(2 580)

Illustration Studios

1. L. A. Toriello, Clinical Photographer.....	N	\$ 5 730
2. Anthony Kuzma, Photographer.....	N	3 750
3. F. J. Marek, Assistant Photographer.....	N	3 090
4. Mildred Harrison, Clerk-Stenographer III.....	N	2 580
<i>Total, Illustration Studios</i>		\$ 15 150

Medicine

1. Julia I. Armstrong, Secretary.....	N	\$ 3 720
2. Marian A. Sloan, Senior Laboratory Assistant.....	N	3 180
3. ———, Senior Laboratory Assistant (March 1, 1952).....	N	3 000
4. ———, Senior Laboratory Assistant (March 1, 1952).....	N	3 000
5. M. Jeanne Chandler, Junior Laboratory Assistant.....	N	2 280
6. ———, Assistant Laboratory Assistant (September 16, 1951).....	N	2 250
7. Florence Van Buren, Clerk-Stenographer III.....	N	3 390
8. ———, Clerk-Stenographer III.....	N	2 798
9. Sylvia Klevans, Clerk-Stenographer III.....	N	2 940
10. Mrs. Natsue Fujimoto, Clerk-Stenographer II.....	N	2 340
11. ———, Clerk-Stenographer II.....	N50	1 200
12. ———, Storekeeper.....	N	3 150
13. Deduct unused amounts from July 1 to effective dates of new positions indicated above.....		-4 000
<i>Total, Medicine</i>		\$ 29 248

Cooperative Investigations**TRUST: ARMOUR HEMATOLOGY**

1. Adella M. Blazaich, Junior Laboratory Assistant.....	N	\$ 2 760
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ABBOTT LABORATORIES 50-24-80

2. Josephine Nerad, Junior Laboratory Assistant.....	N	2 160
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G.D. SEARLE 50-24-32

3. Winifred G. Wise, Junior Laboratory Assistant.....	N	2 400
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USPHS H-400, STEROIDS, KEETON

4. Mrs. Geraldine Grippio, Assistant Laboratory Assistant... (September 16, 1950, to September 15, 1951)	G	2 100
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ASTHMATIC CHILDREN'S AID

5. Mrs. Catherine Bader, Senior Medical Technologist.....	N	3 480
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G.D. SEARLE—EVALUATION OF ANTI-ASTHMATIC DRUGS

6. Mrs. Marie Ehrlicher, Clerk-Stenographer III.....	N50	1 290
(See Dermatology Cooperative Investigations).....	N50	(1 290)
(Total Salary).....		(2 580)

Neurology and Neurological Surgery

1. Roxy Pickering, Chief X-ray Technician.....	N	\$ 4 290
2. Mrs. Beatrice K. Meyers, Senior Medical Technologist...	N	4 290
3. Donald Hauk, Junior Laboratory Mechanic.....	N	3 360
4. Mrs. Cherie Nakamura, Junior Laboratory Assistant.....	N	2 910
5. Constance Spadaro, Secretary.....	N	4 170
6. Patricia Carter, Clerk-Stenographer II.....	N	2 460
7. Mae Hikido, Clerk-Stenographer II.....	N	2 820
8. Olga Zebrun, Clerk-Stenographer II.....	N	2 550
<i>Total, Neurology and Neurological Surgery.....</i>		<i>\$ 26 850</i>

Neurology and Neurological Surgery—INI

1. Marie Woolfolk, Assistant Laboratory Assistant.....	N	\$ 2 400
<i>Total, Neurology and Neurological Surgery—INI.....</i>		<i>\$ 2 400</i>

Epilepsy Consultation Clinic

1. Mrs. Gertrude McAlpine, Clerk-Stenographer III.....	N	\$ 2 940
2. Mrs. Johanna Bacher, Clerk-Stenographer III.....	N	3 240
<i>Total, Epilepsy Consultation Clinic.....</i>		<i>\$ 6 180</i>

Cooperative Investigations**TRUST: USPHS—EFFECTS OF BETATRON X-RAY BEAM ON THE CENTRAL NERVOUS SYSTEM, C-853 AND C-854**

1. Ramona Marinelli, Junior Laboratory Assistant.....	N	\$ 3 000
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CHILDREN'S BUREAU

1. Ruth Hurwitz, Senior Medical Technologist.....	N	3 810
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DIVISION OF REHABILITATION

1. _____, Clerk-Typist II.....	N	2 400
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Obstetrics and Gynecology

1. Esther H. Fiessel, Secretary.....	N	\$ 4 170
2. _____, Clerk-Typist II.....	N	2 220
<i>Total, Obstetrics and Gynecology.....</i>		<i>\$ 6 390</i>

Occupational Therapy

1. Mrs. Alice Andersen, Secretary.....	N	\$ 3 000
2. Mrs. Janis Asai, Clerk-Stenographer II.....		2 580
<i>Total, Occupational Therapy.....</i>		<i>\$ 5 580</i>

Occupational Therapy—INI

1. Mrs. Elizabeth Edelen, Musician.....	N	\$ 2 880
2. _____, Occupational Therapy Aide.....	N	2 700
<i>Total, Occupational Therapy—INI.....</i>		<i>\$ 5 580</i>

Ophthalmology

1. Huldah E. Johnson, Senior Medical Technologist.....	N	\$ 3 900
2. Ann P. Smith, Secretary.....	N	3 600
3. Mrs. Eula Gilmore, Clerk-Stenographer III.....	N	1 934
(See Postgraduate).....		(1 000)
(Total Salary).....		(2 934) ^M
4. Veronica Fries, Senior Medical Technologist.....	N	3 294 ^{RB}
5. Lydia K. Heinen, Junior Medical Technologist.....	N	2 700 ^{RB}
6. Mary E. Zmay, Secretary.....	N	3 294 ^M
7. R. W. Bennett, Optical Technician (From Optical Dispensing Revolving).....	N	(4 800)
8. _____, Senior Medical Technologist.....	N ⁵⁰	1 800
<i>Total, Ophthalmology.....</i>		<i>\$ 20 522</i>

Orthopaedic Surgery

1. Alice C. Bartlett, Senior Laboratory Assistant.....	N	\$ 3 090
2. Jeanne E. Aronson, Clerk II.....	N	2 400
3. Mrs. Natalie Rhoads, Assistant Laboratory Assistant....	N	2 490
4. Mrs. Nellie Shea, Assistant Laboratory Assistant.....	N	2 340
5. Ida H. Stephan, Secretary.....	N	3 990
6. Bernice Ghinazzi, Clerk-Stenographer III.....	N	3 060
7. —————, Clerk-Typist II.....	N	2 160
<i>Total, Orthopaedic Surgery.....</i>		<i>\$ 19 530</i>

Otolaryngology

1. Gordon Stowe, Electro-Acoustic Technician.....	N	\$ 5 530
2. Mrs. Maria E. Ikenberg, Clinical Photographer.....	N	3 840
3. Frank Wasielewski, Senior Medical Technologist.....	N	3 360
4. Gaetana Ronga, Junior Medical Technologist.....	N	2 760
5. Agnes Longan, Junior Laboratory Assistant.....	N	3 000
6. Alice V. Zablock, Secretary.....	N	3 570
7. Margaret Wiggins, Clerk-Stenographer III.....	N	3 330
8. Mrs. Catherine Connery, Clerk-Stenographer III.....	N	3 030
9. Doris Erbach, Clerk-Stenographer III.....	N	2 850
<i>Total, Otolaryngology.....</i>		<i>\$ 31 270</i>

Pathology

1. Corinne Wikblom, Senior Medical Technologist.....	N	\$ 3 840
2. Mrs. Audrey M. Klabacha, Senior Medical Technologist..	N	3 510
3. Mrs. Anna W. Farley, Senior Laboratory Assistant.....	N	3 630
4. Adolphus Goode, Senior Laboratory Assistant.....	N	3 390
5. John T. Thomas, Senior Laboratory Assistant.....	N	3 120
6. Mrs. Louise Patton, Junior Laboratory Assistant.....	N	2 580
7. Mrs. Mildred R. Moore, Secretary.....	N	4 170
<i>Total, Pathology.....</i>		<i>\$ 24 240</i>

Cooperative Investigations**A. V. MUSCULATURE—PUBLIC HEALTH SERVICE H-430**

1. Helen Klassen, Junior Laboratory Assistant.....	N	\$ 2 730
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AMERICAN CANCER SOCIETY—EEP12

2. John D. Taylor, Junior Laboratory Assistant.....	N ⁵⁰	1 320
3. Alice Hallworth, Senior Laboratory Assistant.....	N	3 000

PAULINE E. RUETTINGER MEMORIAL FUND FOR RESEARCH IN ARTERIOSCLEROSIS

4. Mrs. Betty Ann Simmons, Senior Laboratory Assistant...	N	2 700
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U. S. ATOMIC ENERGY COMMISSION #67

5. Maryellen Turner, Senior Laboratory Assistant.....	N	3 000
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Pediatrics

1. Mrs. Edna L. Schaub, Secretary.....	N	\$ 4 050
2. Carolyn Cervenka, Clerk-Stenographer II.....	N	2 700
<i>Total, Pediatrics.....</i>		<i>\$ 6 750</i>

Cooperative Investigations**JOHN AND MARY R. MARKLE FOUNDATION 50-42-03**

1. Avis D. Kint, Senior Laboratory Assistant.....	N ⁵⁰	\$ 1 440
2. —————, Junior Laboratory Assistant.....	N	2 100
3. —————, Junior Laboratory Assistant.....	N	960

Pharmacology

1. Polly F. Cline, Secretary.....	N	\$ 4 080
2. Thelma E. Feingold, Clerk-Stenographer II.....	N	2 550

3. W. C. Trumbower, Junior Laboratory Mechanic.....	N	3 240
4. N. R. Jackson, Junior Laboratory Assistant.....	N	3 150
Toxicology Division		
5. Estelle Landsman, Clerk-Typist III.....	N	2 700
<i>Total, Pharmacology.....</i>		<u>\$ 15 720</u>

Cooperative Investigations**SMITH, KLINE, AND FRENCH, 50-45-55**

1. E. H. Jefferson, Junior Laboratory Assistant.....	N	\$ 2 400
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USPHS 409(C)—CHEMOTHERAPY OF RHEUMATIC FEVER 55-50-11

2. A. T. Hasegawa, Junior Laboratory Assistant.....	N	2 640
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USPHS HG 787 55-50-20

3. Estella Mason, Assistant Laboratory Assistant.....	N	2 490
4. Gertrude Shorter, Junior Laboratory Assistant.....	N	2 700

Physical Medicine and Rehabilitation

1. Mrs. Rosalie Struever, Secretary.....	N	\$ 4 200
<i>Total, Physical Medicine and Rehabilitation.....</i>		<u>\$ 4 200</u>

Cooperative Investigations**POPE FOUNDATION**

1. J. A. DeBender, Junior Laboratory Mechanic.....	N75	\$ 2 760
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Physiology

1. Carl Griesmeyer, Instrument Maker.....	N	\$ 4 590
2. Joseph Silva, Senior Medical Technologist.....	N	3 180
3. _____, Senior Laboratory Assistant.....	N	2 781
4. W. R. Taylor, Senior Medical Technologist.....	N	3 930
5. John Firek, Junior Laboratory Assistant.....	N	3 060
6. Mrs. Mary Van Nortwick, Secretary.....	N	3 630
7. Charlotte Sells, Clerk-Typist III.....	N	2 640
8. G. H. Luhr, Assistant Laboratory Mechanic.....	N	2 442
<i>Total, Physiology.....</i>		<u>\$ 26 253</u>

Preventive Medicine

1. Joseph Seto, Senior Laboratory Assistant.....	N	\$ 2 970
2. Mary Keating, Secretary.....	N	3 300
<i>Total, Preventive Medicine.....</i>		<u>\$ 6 270</u>

Cooperative Investigations**LEDERLE LABORATORY 50-52-05**

1. _____, Senior Medical Technologist.....	N	\$ 3 600
2. M. Gayle Pierzynski, Junior Laboratory Assistant.....	N	2 400

CHARLES PFIZER AND CO.—INFECTIOUS DISEASES 50-52-10

3. S. C. Axelrood, Senior Medical Technologist.....	N	3 300
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Psychiatry

1. Dorothy Large, Supervising Psychiatric Social Worker...	N	\$ 4 350
2. Solomon Newman, Psychiatric Social Worker.....	N	3 900
3. Esther Samuel, Senior Laboratory Assistant.....	N	3 450
4. Mrs. Ethel Achor, Junior Laboratory Assistant.....	N	3 000
5. Genevieve Mack, Junior Laboratory Assistant.....	N	2 940
6. Robert Walker, Junior Laboratory Assistant.....	N	2 790
7. Lucille Elliott, Assistant Laboratory Assistant.....	N	2 550
8. Leighton Ogle, Junior Laboratory Mechanic.....	N	3 260
9. Elaine Engstrom, Secretary.....	N	3 780

10. Martha Nieling, Clerk-Stenographer III.....	N	3 180
11. Lorraine McNeill, Clerk-Stenographer III.....	N	3 180
12. Marion Koerner, Clerk-Stenographer III.....	N	2 970
13. Mrs. Verne Perryman, Clerk-Stenographer III.....	N	3 000
14. _____, Clerk-Stenographer III.....	N60	1 651
15. Eleanor Baine, Clerk-Stenographer II.....	N	2 580
16. Phyllis Jackson, Clerk-Stenographer II.....	N	2 520
17. Margaret Baigen, Clerk-Typist II.....	N	2 730
18. Viola Pace, Clerk-Typist II.....	N	2 580
<i>Total, Psychiatry.....</i>		<i>\$ 54 411</i>

Psychiatry — INI

1. Florence Jaglowski, Staff Nurse.....	N	\$ 3 000
2. Mrs. Grace Jackson, Assistant Laboratory Assistant.....	N	1 800
3. _____, Clerk-Stenographer III.....	N40	1 070
<i>Total, Psychiatry—INI.....</i>		<i>\$ 5 870</i>

Cooperative Investigations**U. S. PUBLIC HEALTH SERVICE—GERTY 5083-C3**

1. Anne Silverman, Clerk-Stenographer II.....	N	\$ 2 700
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TECHNICAL ASSISTANCE—DR. STEIN

2. Ellen Ridley, Junior Medical Technologist.....	N	2 700
3. _____, Senior Laboratory Assistant.....	N	3 000

NAVY TASK #2

4. Duke Barrett, Animal Caretaker.....	P	2 700
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Public Health

1. _____, Secretary.....	N	\$ 2 700
<i>Total, Public Health.....</i>		<i>\$ 2 700</i>

Radiology

1. Nancy A. Welker, Secretary.....	N	\$ 3 300
2. Martha Cunningham, Clerk-Stenographer II.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		

RADIOLOGY BETATRON

3. Fingal Sponberg, Instrument Maker.....	N	4 680
<i>Total, Radiology.....</i>		<i>\$ 7 980</i>

Surgery

1. E. T. Hoppe, Senior Medical Technologist.....	N	\$ 3 660
2. Anna Poulos, Junior Medical Technologist.....	N	2 700
3. Annabel Wheeler, Secretary.....	N	4 170
4. Gladys Weinstein, Clerk-Stenographer II.....	N	2 550
5. Angela Cervantes, Clerk-Stenographer II.....	N	2 100
<i>Total, Surgery.....</i>		<i>\$ 15 180</i>

Cooperative Investigations**USPH STONE GRANT RG2183 VERMEULEN**

1. Ruth Goetz, Senior Medical Technologist.....	N	\$ 3 540
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VETERANS ADMINISTRATION ARTERIAL INJURIES IN VETERANS—DE TAKATS

1. Mrs. Helen M. Dunham, Clinic Nurse.....	N	3 360
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DEPARTMENT OF PUBLIC HEALTH TUMOR DIAGNOSIS

1. Orabelle Chertack, Clinic Nurse.....	N	3 420
2. Mrs. Barbara M. Dameron, Secretary.....	N	3 990
3. Florence T. Wichert, Clerk-Stenographer II.....	N	2 730

4. Charlene Hanberg, Clerk-Stenographer II.....	N	2 520
5. Sylvia McKinney, Clerk-Stenographer III.....	N	2 910
USPHS 630C3		
6. Rhoda Grupe, Clinic Nurse.....	N	3 420
7. Dorothy Y. Kishi, Clerk-Stenographer II.....	N	2 580

COLLEGE OF DENTISTRY**Administration**

1. Mrs. Margaret M. Lahey, Secretary.....	N	\$ 4 410
2. Mrs. Jeannita G. Wildberger, Clerk-Stenographer III....	N	3 450
3. Daniel Lyons, Supply Attendant.....	N	3 450
<i>Total, Administration.....</i>		<u>\$ 11 310</u>

Postgraduate Studies

1. Mrs. Dorothy D. Greenhill, Secretary.....	N	\$ 3 600
2. William Winn, Photographer.....	N	3 510
<i>Total, Postgraduate Studies.....</i>		<u>\$ 7 110</u>

Cooperative Investigations**KELLOGG FOUNDATION**

1. Mrs. Elaine B. Griffin, Secretary.....	N	\$ 3 000
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Admitting Clinic

1. Carolyn Peterson, Chief Clerk.....	N	\$ 4 080
2. Marie Riccio, Clerk III.....	N	2 640
3. Iris Rhine, Clerk III.....	N	2 580
4. Donna Funk, Dental Clinic Assistant.....	N	2 460
<i>Total, Admitting Clinic.....</i>		<u>\$ 11 760</u>

Applied Materia Medica and Therapeutics

1. Joseph O'Donnell, Senior Medical Technologist.....	N	\$ 4 290
2. Mrs. Muriel S. Horton, Secretary.....	N	3 390
3. Mrs. Ellen J. Gottlieb, Clinic Nurse.....	N	3 240
4. Mrs. Jane H. Jahn, Senior Laboratory Assistant.....	N	3 180
5. Gwendolyn Currin, Clerk III.....	N	2 880
<i>Total, Applied Materia Medica and Therapeutics.....</i>		<u>\$ 16 980</u>

Cooperative Investigations**HISTOCHEMISTRY—ARMY MD17**

1. Mrs. Eleanor H. Wolatz, Senior Laboratory Assistant....	N	\$ 3 240
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**PHYSICAL, CHEMICAL, AND BACTERIAL STUDY OF
THE DENTAL PLAQUE**

2. Constance Corley, Senior Medical Technologist.....	N	3 480
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UNIVERSITY OF ILLINOIS FOUNDATION—KESEL

3. Erica Bachem, Junior Laboratory Assistant.....	N	2 850
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UNIVERSITY OF ILLINOIS FOUNDATION—WALLACE

4. Joan Schreiber, Secretary.....	N	3 420
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Crowns and Fixed Partial Dentures

1. Arleen Hagen, Secretary.....	N	\$ 3 240
2. Mrs. Luann D. Close, Clerk III.....	N	2 820
<i>Total, Crowns and Fixed Partial Dentures.....</i>		<u>\$ 6 060</u>

Dental Clinics

1. Gustav Swanson, Senior Laboratory Mechanic.....	N	\$ 4 530
2. Mrs. Frances A. McGinn, Storekeeper.....	N	3 000
3. Mrs. Frances W. Cathcart, Cashier.....	N	2 820

4. Mrs. Fannie A. Hagen, Junior Laboratory Assistant	N	2 760
5. Mrs. Helen K. Larsen, Assistant Laboratory Assistant	N	2 610
(On leave without pay through September 7, 1951)		
6. D. Petterson, Assistant Laboratory Assistant	N	(2 610)
(Paid from Item 5 while on leave)		
7. Mrs. Ora D. Hughes, Assistant Laboratory Assistant	N	2 550
<i>Total, Dental Clinics</i>		<u>\$ 18 270</u>

Full and Removable Partial Dentures

1. Adelaide Talbot, Secretary	N	\$ 3 840
2. Adrienne McNair, Senior Laboratory Assistant	N	3 450
3. Anna Carlson, Junior Laboratory Assistant	N	2 940
4. Sylvia Cohen, Clerk-Stenographer II	N	2 910
<i>Total, Full and Removable Partial Dentures</i>		<u>\$ 13 140</u>

Histology

1. Mrs. Irenne F. Saunders, Secretary	N	\$ 3 600
2. Mrs. Helen G. Kutuzov, Senior Laboratory Assistant	N	3 780
3. Mrs. Faith L. Desrochers, Clerk-Stenographer III	N	2 910
4. Marion Wendzel, Senior Laboratory Assistant	N	3 420
5. —————, Junior Laboratory Assistant	N	2 700
<i>Total, Histology</i>		<u>\$ 16 410</u>

Cooperative Investigations

UNITED STATES PUBLIC HEALTH SERVICE

1. —————, Senior Laboratory Assistant	N	\$ 3 180
2. Laurel S. Woldt, Junior Laboratory Assistant	N	2 580
3. William MacDonald, Senior Statistician	N	2 937
4. Jackson Lucas, Junior Laboratory Assistant	N	2 400

Medical and Dental History

1. Jean Jagodzinski, Clerk-Stenographer III	N	\$ 3 240
<i>Total, Medical and Dental History</i>		<u>\$ 3 240</u>

Operative Dentistry

1. Mrs. Della R. Fitzgerald, Clerk-Stenographer III	N	\$ 3 300
2. Marie Holoubek, Clerk II	N	2 580
<i>Total, Operative Dentistry</i>		<u>\$ 5 880</u>

Oral and Maxillofacial Surgery

1. Claire Stanton, Clerk-Stenographer III	N	\$ 3 180
2. Frances Kopala, Clinic Nurse	N	3 240
3. Mrs. Alice C. Machen, Dental Clinic Assistant	N	3 000
<i>Total, Oral and Maxillofacial Surgery</i>		<u>\$ 9 420</u>

Orthodontics

1. Bess Faust, Secretary	N	\$ 4 170
2. Elizabeth M. Good, Dental Clinic Assistant	N	2 820
3. Roger Williams, Assistant Photographer	N	2 400
<i>Total, Orthodontics</i>		<u>\$ 9 390</u>

Pathology — Division of Oral Pathology

1. Cecelia M. Paurazas, Junior Laboratory Assistant	N	\$ 3 000
2. —————, Clerk-Stenographer III	N	2 700
<i>Total, Pathology—Division of Oral Pathology</i>		<u>\$ 5 700</u>

Cooperative Investigations

USPHS C-1373 (NEOPLASTIC CHANGES)

1. Edith Crook, Junior Laboratory Assistant	N	\$ 2 490
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Pedodontics

1. Mrs. May G. Greenaway, Clinic Nurse.....	N	\$ 3 780
2. Stephanie Kucyk, Clerk-Stenographer III.....	N	2 910
3. Alberta Cwinske, Dental Clinic Assistant.....	N	2 580
4. _____, Dental Clinic Assistant.....	N	2 700
<i>Total, Pedodontics.....</i>		<i>\$ 11 970</i>

Radiology

1. Mrs. Marguerite M. Donovan, Chief X-ray Technician....	N	\$ 4 140
2. Mrs. Marietta C. Burns, Junior X-ray Technician.....	N	2 700
3. Gertrude Jensen, Junior X-ray Technician.....	N	2 160
4. Anita Rifzis, Clerk-Stenographer II.....	N	2 700
<i>Total, Radiology.....</i>		<i>\$ 11 700</i>

Cooperative Investigations

ARMY CONTRACT DA49-007-MD148

1. J. D. Hauptfuehrer, Senior Medical Technologist.....	N	\$ 3 600
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COLLEGE OF PHARMACY

1. Eleanor F. Larson, Secretary.....	N	\$ 4 900
2. Mary M. Scanlan, Chief Clerk.....	N	4 080
3. Violet Klettka, Clerk-Stenographer III.....	N	3 000
4. Judith Papermaster, Clerk-Typist III.....	N	2 850
5. Joan L. Hazlett, Clerk-Stenographer III.....	N	2 790
6. Ghita J. Zeller, Clerk-Stenographer II.....	N	2 190
7. Mrs. Dorothy Nerad, Clerk-Typist II.....	N ⁵⁰	1 290
8. H. F. Luethje, Farm Foreman.....	N	3 510
9. Floyd Swink, Senior Laboratory Assistant.....	N	3 240
10. Andrew Burger, Storekeeper.....	N	3 450
11. Lee Sawyer, Storekeeper.....	N	2 850
12. Leonard Kosirog, Storekeeper.....	N	3 000
13. Clifton Williams, Storekeeper.....	N	2 730
14. Michael Paradise, Supply Attendant.....	N	2 700
<i>Total, College of Pharmacy.....</i>		<i>\$ 42 580</i>

Hospital Pharmacy Revolving

(Entire budget from receipts)

1. John Hensel, Storekeeper.....	N	\$ (3 240)
2. Frank Gorski, Storekeeper.....	N	(3 000)
3. H. B. Gay, Supply Attendant.....	N	(2 400)
<i>Total, Hospital Pharmacy Revolving Account (R and E)</i>		<i>\$ (8 640)</i>

Illinois Eye and Ear Infirmary Pharmacy Revolving

(Entire budget from receipts)

1. L. A. Hall, Supply Attendant.....	N	\$ (2 400)
<i>Total, Hospital Pharmacy Revolving Account (IEEI)...</i>		<i>\$ (2 400)</i>

GRADUATE COLLEGE

1. Catherine Lundy, Clerk-Typist III.....	N60	\$ 1 715
(See Medicine Bacteriology).....	N40	(1 165)
(Total Salary).....		(2 880)
<i>Total, Administration.....</i>		<i>\$ 1 715</i>

SCHOOL OF NURSING

1. Dorothy Stastny, Clerk-Stenographer II.....	N	\$ 2 550
<i>Total, School of Nursing.....</i>		<i>\$ 2 550</i>

School of Nursing — INI

1. _____, Clerk-Stenographer I.....	N	\$ 2 700
2. Anna Gammon, Matron.....	N	1 992 ^{RM}
3. Mrs. Nora Dickoff, Matron.....	N	1 980 ^M
<i>Total, School of Nursing—INI.....</i>		<u>\$ 6 672</u>

Affiliated Program for Hospital Schools of Nursing

1. Verna M. Wolf, Clerk-Stenographer III.....	N	\$ 3 030
2. _____, Clerk-Stenographer II.....	N	2 400
<i>Total, Affiliated Program for Hospital Schools of Nursing.....</i>		<u>\$ 5 430</u>

SCHOOL OF SOCIAL WORK

1. Lucille Pearson, Clerk-Stenographer III.....	N	\$ 2 700
2. Concetta Trotta, Clerk-Stenographer III.....	N	2 790
3. Mrs. Nancy Suta, Clerk-Stenographer II.....	N	2 400
4. _____, Clerk-Stenographer II.....	N	2 250
<i>Total, School of Social Work.....</i>		<u>\$ 10 140</u>

PHYSICAL EDUCATION FOR MEN

1. Edward Kittel, Men's Locker Room Attendant.....	N	\$ 3 120
<i>Total, Physical Education for Men.....</i>		<u>\$ 3 120</u>

AEROMEDICAL AND PHYSICAL ENVIRONMENT LABORATORY

1. C. V. Pestel, Mechanical Engineer.....	N	\$ 6 330
2. John Hansen, Laboratory Operating Engineer.....	P	5 320
3. Minnie S. Hein, Secretary.....	N	3 390
4. H. W. Benson, Junior Electric Instrument and Measurement Technician.....	N	3 480
5. Gabriele L. Meyer, Junior Laboratory Assistant.....	N	2 910
<i>Total, Aeromedical and Physical Environment Laboratory.....</i>		<u>\$ 21 430</u>

INSTITUTION FOR TUBERCULOSIS RESEARCH

1. Mrs. Elizabeth H. Williston, Senior Medical Technologist.....	N	\$ 4 950
2. Joseph Bingenheimer, Senior Medical Technologist.....	N	3 630
3. Mrs. Beatrice M. Heagan, Senior Medical Technologist... (July 1 to September 30, 1951, only)	G	990
4. Mrs. Margaret G. Thorne, Clerk III.....	N	2 970
5. Mrs. Dorothy Liveright, Junior Statistician.....	N ⁵⁰	1 650
6. Mrs. Elizabeth L. Moretti, Junior Laboratory Assistant.....	N	3 000
7. Mrs. Dorothy Anderson, Junior Laboratory Assistant.....	N	3 000
8. Mrs. Barbara Joyce, Assistant Laboratory Assistant.....	N	1 980
9. E. R. Herskind, Animal Caretaker.....	N	3 000
<i>Total, Institution for Tuberculosis Research.....</i>		<u>\$ 25 170</u>

RESEARCH AND EDUCATIONAL HOSPITALS**Administration**

1. W. R. Williams, Assistant Administrator.....	N	\$ 7 750
2. Arlene Egan, Secretary.....	N	3 630
3. _____, Clerk-Stenographer III (April 1, 1952)...	N	3 000
4. Louis Kurzeja, Supply Attendant.....	N	3 210
5. Mrs. Ruth Loose, Clerk-Typist III.....	N	2 790

PATIENT COLLECTION UNIT

6. Mrs. Joyce Sims, Hospital Bookkeeper.....	N	3 510
7. _____, Office Appliance Operator III (April 1, 1952).....	N	3 000

8. Esther Karl, Clerk-Typist III.....	N	2 910
9. Mrs. Lillian Howard, Assistant Cashier.....	N	2 520
INFORMATION OFFICE		
10. Mrs. Veronica Kavanagh, Clerk III.....	N	3 300
11. Arthur Dimschultz, Clerk III.....	N	2 760
12. Henry Mueller, Clerk III.....	N	2 580
13. Mrs. Margaret Koske, Clerk III.....	N	2 580
14. _____, Clerk III (April 1, 1952).....	N	2 580
15. Deduct unused amounts from July 1 to effective dates of new positions indicated above.....		-6 435
SEWING AND MENDING STORES (All positions from Sewing and Mending Stores)		
16. Mrs. Lillian Kallenback, Supervisor of Sewing and Surgi- cal Dressings.....	N75	(2 475)
(See Ward Expense).....	N25	(825)
(Total Salary).....		(3 300)
17. _____, Seamstress and Assistant Sewing and Mending Supervisor.....	N	(2 520)
18. Mrs. Henrietta Henry, Seamstress.....	N	(2 301)
19. Mrs. Anne Glass, Seamstress.....	N	(2 297)
20. _____, Seamstress.....	N	(2 190)
21. Mrs. Louise E. Radcliffe, Sewing Room Supervisor..... (On leave without pay until further notice; disability benefits payable by Retirement System)		.....
22. Mrs. Joanna Sullivan, Seamstress..... (On leave without pay until further notice; disability benefits payable by Retirement System)		.....
23. Elizabeth M. Magill, Seamstress..... (On leave without pay until further notice; disability benefits payable by Retirement System)		.....
24. Mrs. Anna Paul, Seamstress..... (On leave without pay until further notice; disability benefits payable by Retirement System)		.....
<i>Total, Administration</i>		\$ 39 685

Admissions

1. Mrs. Lydia C. O'Halloran, Chief Admitting Officer..... (On leave without pay until further notice; disability benefits payable by Retirement System)		.....
2. Mrs. Ann Knipper, Assistant Chief Admitting Officer....	N	\$ 3 480
3. Dorothy Kennedy, Admitting Officer.....	N	2 460
4. _____, Admitting Officer (January 1, 1952)....	N	3 000
5. Lolita Seghetti, Intake Interviewer.....	N	3 120
6. Mrs. Ruby Phillips, Intake Interviewer.....	N	2 820
7. _____, Intake Interviewer.....	N	2 700
8. _____, Intake Interviewer (October 1, 1951)....	N	2 700
9. _____, Intake Interviewer (June 1, 1952).....	N	2 700
10. Mrs. Norma B. Nowak, Clerk-Stenographer II.....	N	2 550
11. Mrs. Lois A. Williams, Clerk II.....	N	2 340
12. _____, Clerk-Typist II (January 1, 1952).....	N	2 100
13. Deduct unused amounts from July 1 to effective dates of new positions indicated above.....		-5 700
<i>Total, Admissions</i>		\$ 24 270

Central Formula Room

1. Lois Keller, Dietitian.....	N	\$ 3 240 ^M
<i>Total, Central Formula Room</i>		\$ 3 240

Central Supply

1. Iris Hill, Supervising Nurse.....	N	\$ 4 044 ^M
2. Helena Burke, Head Nurse.....	N	3 480 ^{RB}

3. Mary Mitch, Staff Nurse.....	N	2 880 ^{RB}
4. _____, Staff Nurse.....	N	2 784 ^M
5. John Bettinardi, Senior Laboratory Assistant.....	N	3 024 ^M
<i>Total, Central Supply.....</i>		<u>\$ 16 212</u>

Central Supply — INI

1. Mrs. Dorothy Halladay, Head Nurse.....	N	\$ 3 684 ^M
2. Mrs. Jean McCallum, Staff Nurse.....	N	3 264 ^M
<i>Total, Central Supply—INI.....</i>		<u>\$ 6 948</u>

Clinics

1. Hattie C. Larson, Assistant Director of Nursing.....	N	\$ 4 620
2. Ida Smith, Assistant to Director of Nursing.....	N	4 140
3. Frances V. Craig, Supervisor of Clinic Nurses.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
4. Dorothy Colman, Clinic Nurse.....	N	3 960
5. Marie Sorenson, Clinic Nurse.....	N	3 960
6. Teresa J. Robertson, Clinic Nurse.....	N	.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
7. Mrs. Marie Di Orto, Clinic Nurse.....	N	3 120
8. Hazel M. Nelson, Clinic Nurse.....	N	3 960
9. Mrs. Thelma G. Smith, Clinic Nurse.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
10. Mary Lo Cicero, Clinic Nurse.....	N	3 960
11. Honora T. Carrigan, Clinic Nurse.....	N	3 960
12. Lorraine Bielenberg, Clinic Nurse.....	N	3 120
13. Edith Ramsey, Clinic Nurse.....	N	3 960
14. Edythe V. Easterman, Clinic Nurse.....	N	3 960
15. Frances G. Lehman, Clinic Nurse.....	N	3 960
16. Eva Ramsey, Clinic Nurse.....	N	3 960
17. Alyce Riley, Clinic Nurse.....	N	3 960
18. M. Edna Burgess, Clinic Nurse.....	N	3 864
19. Victoria Jaglowski, Clinic Nurse.....	N	3 960
20. Irene Bills, Clinic Nurse.....	N	3 120
21. Clarice Marriott, Clinic Nurse.....	N	3 960
22. Katherine McGann, Clinic Nurse.....	N	3 960
23. Smilja Pokrajac, Clinic Nurse.....	N	3 960
24. Lois Bonham, Clinic Nurse.....	N	3 570
25. Mrs. Miriam Kipnis, Clinic Nurse.....	N	2 940
26. Kathryn Karich, Clinic Nurse.....	N	3 180
27. Mrs. Marjorie Hutchison, Clinic Nurse.....	N	3 180
28. _____, Clinic Nurse.....		2 940
29. Linda Gican, Clinic Nurse.....	N	3 180
30. John Lardner, Supervisor of Urology Clinic.....	N	3 960
31. Bernice Bernhart, Secretary.....	N	3 960
32. Julia Rzeszut, Clerk-Typist III.....	N	2 970
33. Celeste Marzano, Clerk-Typist III.....	N	2 670
34. Roberta J. McLaughlin, Clerk-Typist II.....	N	2 670
35. Blanche Brousek, Clerk-Stenographer II.....	N	2 610
36. Mrs. Harriet K. Schimmel, Clerk-Typist II.....	N	2 400
37. Mrs. Marion Lukasik, Clerk-Typist II.....	N	2 400
38. _____, Clerk-Stenographer II (October 1, 1951).....	N	2 400
39. Wynnell Adams, Clerk-Typist II.....	N	2 280
40. Mrs. Muriel Cazalet, Clerk-Typist II.....	N	2 220
41. _____, Clerk-Typist II (October 1, 1951).....	N	2 160
42. Mrs. Marjorie Koch, Clerk-Typist II.....	N	2 100
43. Bertha Gorman, Clerk I.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
44. Jesse Haney, Orderly.....	N	2 504

45. _____, Orderly (January 1, 1952).....	N	2 370
46. Mrs. Gertrude Peterson, Nurse's Aide.....	N	2 064
47. _____, Nurse's Aide (January 1, 1952).....	N	1 800
48. Deduct unused portions of new positions to effective dates as shown.....		-3 225
<i>Total, Clinics</i>		<u>\$136 727</u>

Clinics — INI

1. Alice Bryant, Clinic Nurse.....	N	\$ 3 180
<i>Total, Clinics—INI</i>		<u>\$ 3 180</u>

Dietary

1. Hildur C. Hellberg, Director of Dietary Service.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
2. Alpha Q. Stine, Acting Director of Dietary Service.....	N	5 394 ^M
3. _____, Assistant Director of Dietary Service....	N	4 104 ^M
4. Mary C. Beckers, Dietitian.....	N	4 014 ^M
5. Virginia Peschel, Dietitian.....	N	3 498 ^M
6. Mrs. Mary B. Cain, Dietitian.....	N	3 534 ^M
7. Beata A. Link, Dietitian.....	N	3 408 ^M
8. Mrs. Dorothea Chapp, Dietitian.....	N	3 444 ^M
9. Mrs. Florence Ross, Dietitian.....	N	3 324 ^M
10. Mrs. Barbara Chenoweth, Dietitian.....	N	3 324 ^M
11. _____, Dietitian.....	N	3 240 ^M
12. Mrs. Eleanor Meltzer, Dietitian.....	N	3 144 ^M
13. _____, Dietitian.....	N	3 048 ^M
14. Reba Hemken, Clerk-Stenographer III.....	N	3 120 ^M
15. Mrs. Nora Shames, Clerk-Typist III.....	N	2 604 ^M
16. _____, Dietitian (April 1, 1952).....	N	3 240 ^M
17. _____, Dietitian (April 1, 1952).....	N	3 240 ^M
18. _____, Dietitian (May 1, 1952).....	N	3 240 ^M
19. _____, Dietitian (May 1, 1952).....	N	3 240 ^M
20. _____, Dietitian (June 1, 1952).....	N	3 240 ^M
21. _____, Dietitian (June 1, 1952).....	N	3 240 ^M
22. _____, Junior Clerk-Typist (March 1, 1952)....	N	2 220 ^M
23. Deduct unused amounts from July 1 to effective dates of new positions indicated above.....		-17 680
<i>Total, Dietary</i>		<u>\$ 53 180</u>

Emergency Service

1. _____, Head Nurse (April 1, 1952).....	N	\$ 3 204 ^M
2. _____, Staff Nurse (April 1, 1952).....	N	2 724 ^M
3. _____, Staff Nurse (April 1, 1952).....	N	2 724 ^M
4. _____, Staff Nurse (April 1, 1952).....	N	2 724 ^M
5. _____, Staff Nurse (April 1, 1952).....	N	2 724 ^M
6. _____, Staff Nurse (June 1, 1952).....	N	2 724 ^M
7. Deduct unused amounts from July 1 to effective dates of new positions indicated above.....		-13 072
<i>Total, Emergency Service</i>		<u>\$ 3 752</u>

Laboratory

1. _____, Technical Supervisor of Hospital Labora- tory (September 1, 1951).....	N	\$ 5 000
2. H. G. Baker, Technical Assistant in the Hospital Labora- tory.....	N	4 200
3. Mary V. Donahue, Senior Medical Technologist.....	N	4 260
4. Jeanne F. Miller, Senior Medical Technologist.....	N	4 020
5. Vivian Greenman, Senior Medical Technologist.....	N	3 690
6. Helen T. Dembinski, Senior Medical Technologist.....	N	3 630
7. Fumi Ichiba, Senior Medical Technologist.....	N	3 540

8. Elizabeth J. Bond, Senior Medical Technologist.....	N	3 540
9. Mary P. Turner, Senior Medical Technologist.....	N	3 540
10. Mrs. Marilyn Stone, Senior Medical Technologist.....	N	3 360
11. ———, Senior Medical Technologist (July 1, 1952).....	N	3 300
12. ———, Senior Medical Technologist (July 1, 1952).....	N	3 300
13. ———, Senior Medical Technologist (March 1, 1952).....	N	3 300
14. ———, Senior Medical Technologist (April 1, 1952).....	N	3 300
15. ———, Senior Medical Technologist (May 1, 1952).....	N	3 300
16. ———, Senior Medical Technologist (June 1, 1952).....	N	3 300
17. Mrs. Marion L. Damaskus, Junior Medical Technologist.....	N	3 300
18. Mrs. Jacqueline Schaefer, Junior Medical Technologist.....	N	3 300
19. Mrs. Elaine Nelson, Junior Medical Technologist.....	N	3 240
20. Mrs. Vlasta M. Avalon, Junior Medical Technologist.....	N	3 120
21. Mrs. Ellen Zimmerman, Junior Medical Technologist.....	N	2 970
22. ———, Junior Medical Technologist (April 1, 1952).....	N	2 700
23. ———, Senior Laboratory Assistant (April 1, 1952).....	N	2 700
24. Mrs. Lucille Hoff, Junior Laboratory Assistant.....	N	2 970
25. ———, Junior Laboratory Assistant (March 1, 1952).....	N	2 400
26. ———, Junior Laboratory Assistant (April 1, 1952).....	N	2 400
27. Grace E. Nakagawa, Clerk-Stenographer III.....	N	3 120
28. Rose A. Altieri, Clerk II.....	N	2 580
ORTHOPAEDIC LABORATORY		
29. Mrs. Constance Dolejs, Junior Laboratory Assistant.....	N	2 460
30. Helen Schwardt, Junior Laboratory Assistant.....	N	2 340
PSYCHIATRY LABORATORY		
31. Marjorie Glassman, Senior Laboratory Assistant.....	N	2 910
BLOOD BANK		
32. Elizabeth Lienna, Senior Medical Technologist.....	N	3 510
33. ———, Senior Medical Technologist (April 1, 1952).....	N	3 300
34. Mrs. Hilda Tucker, Staff Nurse.....	N	3 360
35. Lorraine E. Gribbens, Junior Laboratory Assistant.....	N	2 850
36. ———, Clerk-Stenographer II (April 1, 1952).....	N	2 400
ILLINOIS EYE AND EAR INFIRMARY		
37. Catherine F. Thale, Senior Medical Technologist.....	N	3 300
38. Mrs. Betty Ann Wright, Senior Medical Technologist.....	N	3 420
39. Deduct unused amounts from July 1 to effective dates of new positions indicated above.....		—23 008
<i>Total, Laboratory.....</i>		<u>\$100 222</u>

Linen Service

1. Mrs. Ann McNicholas, Supervisor of Linen Service.....	N	\$ 3 300
2. Glenn Sharp, Linen Room Attendant.....	N	3 102
3. Mrs. Nellie Busking, Linen Room Attendant.....	N	2 640
4. Oscar Minnis, Linen Room Attendant.....	N	2 508
5. ———, Linen Room Attendant (April 1, 1952).....	N	2 400
6. ———, Linen Room Attendant.....	N	2 340
7. Deduct unused amounts from July 1 to effective date of new position indicated above.....		—1 800
<i>Total, Linen Service.....</i>		<u>\$ 14 490</u>

Medical Record Library

1. Mrs. Alphilf F. Norris, Chief Medical Record Librarian..	N	\$ 4 920
2. _____, Medical Record Librarian.....	N	3 600
3. Jean Stewart, Medical Record Librarian.....	N	3 120
4. _____, Medical Record Librarian.....	N	2 700
5. Helen Stocking, Clerk III.....	N	3 120
6. Mrs. Ruth Vacco, Clerk III.....	N	2 730
7. Mrs. Althea Hays, Clerk-Stenographer III.....	N	2 670
8. Mrs. Marian Florio, Clerk III.....	N	2 670
9. Elsa Canuti, Clerk III.....	N	2 580
10. Mrs. Betty Ann Freeark, Clerk III.....	N	2 520
11. _____, Clerk-Typist II (April 1, 1952).....	N	2 400
12. Lorraine Spacher, Clerk II.....	N	2 340
13. Mildred Margolis, Clerk II.....	N	2 340
14. Frances R. Longava, Clerk-Typist II.....	N	2 256 ^M
15. David Zazove, Clerk II.....	N	2 250
16. Mrs. Lena Constantine, Clerk II.....	N	2 190
17. Josephine Riley, Clerk II.....	N	2 190
18. Mrs. Blanca Fernandez, Clerk II.....	N	2 190
19. Mrs. Alberta Howard, Clerk II.....	N	2 100
20. Rozlyn Bergman, Clerk II.....	N	2 100
21. _____, Clerk II (April 1, 1952).....	N	2 100
22. Ruth Webb, Clerk II.....	N	2 070
23. Shirley J. Thomas, Clerk II.....	N	1 920
24. _____, Clerk II.....	N	1 920
25. Deduct unused amounts from July 1 to effective dates of new positions indicated above.....		-3 375
<i>Total, Medical Record Library.....</i>		<i>\$ 57 621</i>

Nursing

1. Ruth M. Carroll, Associate Director of Nursing.....	N	\$ 5 160 ^{RB}
2. Antoinette Radek, Assistant Director of Nursing.....	N	3 930 ^{RB}
3. Mrs. Elizabeth Furnas, Assistant Director of Nursing.....	N	4 314 ^M
4. Mrs. Ellen Finnigan, Assistant to the Director of Nursing	N	4 044 ^M
5. Juanita Hamilton, Assistant to the Director of Nursing...	N	3 636 ^{RB}
6. Eunice Merritt, Assistant to the Director of Nursing.....	N	3 504 ^{RB}
7. Grace Calmer, Assistant to the Director of Nursing.....	N	3 366 ^{RB}
8. Frances Burga, Assistant to the Director of Nursing.....	N	3 180 ^{RB}
9. Mrs. Ruth Ashworth, Secretary.....	N	3 840 ^M
10. Lorraine Mench, Clerk-Stenographer III.....	N	3 060
11. Frances Hoeffling, Supervising Nurse.....	N	4 164 ^M
12. Emma Scott, Supervising Nurse.....	N	4 044 ^M
13. Mrs. Helen G. Mack, Supervising Nurse.....	N	4 044 ^M
14. Eva Begg, Supervising Nurse.....	N	3 660 ^{RB}
15. Angela Lonchar, Supervising Nurse.....	N	3 660 ^{RB}
16. Alma Huseman, Supervising Nurse.....	N	3 660 ^{RB}
17. Lillian Daily, Supervising Nurse.....	N	.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
18. Elsie Johnson, Head Nurse.....	N	3 420 ^{RB}
19. Mrs. Hilary C. Johnson, Head Nurse.....	N	3 864 ^M
20. Mrs. Violet Conforti, Head Nurse.....	N	3 864 ^M
21. Mrs. Sophie Kratochvil, Head Nurse.....	N	3 864 ^M
22. Monica Cavanaugh, Head Nurse.....	N	3 864 ^M
23. Mrs. Garnita Pastor, Head Nurse.....	N	3 504
24. Margaret Thomas, Head Nurse.....	N	3 480 ^{RB}
25. Catherine Kolitsch, Head Nurse.....	N	3 480 ^{RB}
26. Gertrude Young, Head Nurse.....	N	3 480 ^{RB}
27. Shirley Stevenson, Head Nurse.....	N	3 120 ^{RB}
28. Yoneko Matayoshi, Head Nurse.....	N	3 120 ^{RB}
29. Marie Battaglini, Head Nurse.....	N	3 120 ^{RB}
30. Loretta Cudnowski, Head Nurse.....	N	3 000 ^{RB}

31.	_____	Head Nurse.....	N	2	880 ^{RB}
32.	Margaret Halpin,	Assistant Head Nurse.....	N	3	030 ^{RB}
33.	Treva Johnson,	Assistant Head Nurse.....	N	3	024 ^M
34.	Beverly Richards,	Assistant Head Nurse.....	N	2	700 ^{RB}
35.	Dorothy Horbach,	Assistant Head Nurse.....	N	2	640 ^{RB}
36.	Pearle Keiserman,	Assistant Head Nurse.....	N	2	640 ^{RB}
37.	Elizabeth Drum,	Assistant Head Nurse.....	N	2	580 ^{RB}
38.	Mrs. Mollie Ensbacher,	Staff Nurse.....	N	3	264 ^M
39.	Mrs. Dorothy Turkiewicz,	Staff Nurse.....	N	3	264 ^M
40.	Mary C. Mallon,	Staff Nurse.....	N	3	264 ^M
41.	Mrs. Marie Willis,	Staff Nurse.....	N	3	360
42.	Sophie Ciesla,	Staff Nurse.....	N	3	174 ^M
43.	Mrs. Daisy McGuire,	Staff Nurse.....	N	3	270
44.	Rosemary Zanin,	Staff Nurse.....	N	3	144 ^M
45.	Hazel Bothwell,	Staff Nurse.....	N	2	844 ^M
46.	Geraldine Sus,	Staff Nurse.....	N	2	994 ^M
47.	Wanda Opoka,	Staff Nurse.....	N	2	964 ^M
48.	Mrs. Ruth Addesso,	Staff Nurse.....	N	2	964 ^M
49.	Francisca Primo,	Staff Nurse.....	N	3	060
50.	_____	Staff Nurse.....	N	2	994 ^M
51.	Mrs. Irene McMenamin,	Staff Nurse.....	N	2	934 ^M
52.	Mrs. Rosalie Galanis,	Staff Nurse.....	N	2	844 ^M
53.	Ulette Jackson,	Staff Nurse.....	N	2	844 ^M
54.	Mrs. Carmine Sammons,	Staff Nurse.....	N	2	844 ^M
55.	Lillian Strzynski,	Staff Nurse.....	N	2	844 ^M
56.	_____	Staff Nurse.....	N	2	844 ^M
57.	Mrs. Maryanne Walsh,	Staff Nurse.....	N	2	844 ^M
58.	Julia Shaughnessy,	Staff Nurse.....	N	2	844 ^M
59.	Mrs. Jeanette Cox,	Staff Nurse.....	N	2	844 ^M
60.	Mrs. Patricia Lane,	Staff Nurse.....	N	2	784 ^M
61.	_____	Staff Nurse.....	N	2	784 ^M
62.	Mrs. Shirley Avery,	Staff Nurse.....	N	2	784 ^M
63.	Barbara Jurkovich,	Staff Nurse.....	N	2	784 ^M
64.	Ina Annette Morgan,	Staff Nurse.....	N	2	784 ^M
65.	_____	Staff Nurse.....	N	2	784 ^M
66.	_____	Staff Nurse.....	N	2	784 ^M
67.	Dolores Lawrence,	Staff Nurse.....	N	2	880
68.	_____	Staff Nurse.....	N	2	724 ^M
69.	_____	Staff Nurse.....	N	2	724 ^M
70.	_____	Staff Nurse.....	N	2	724 ^M
71.	_____	Staff Nurse.....	N	2	724 ^M
72.	_____	Staff Nurse.....	N	2	724 ^M
73.	_____	Staff Nurse.....	N	2	724 ^M
74.	Theresa Jagielski,	Staff Nurse.....	N	2	880 ^{RB}
75.	Marie Mueller,	Staff Nurse.....	N	2	880 ^{RB}
76.	Mrs. Helen Vadder,	Staff Nurse.....	N	2	880 ^{RB}
77.	Antoinette Manno,	Staff Nurse.....	N	2	790 ^{RB}
78.	Maureen O'Hart,	Staff Nurse.....	N	2	670 ^{RB}
79.	Joy Ford,	Staff Nurse.....	N	2	670 ^{RB}
80.	Dorothy Benedict,	Staff Nurse.....	N	2	580 ^{RB}
81.	_____	Staff Nurse.....	N	2	580 ^{RB}
82.	_____	Staff Nurse.....	N	2	580 ^{RB}
83.	Kathryn Parker,	Staff Nurse.....	N	2	520 ^{RB}
84.	_____	Staff Nurse.....	N	2	490 ^{RB}
85.	_____	Staff Nurse.....	N	2	460 ^{RB}
86.	Gloria Bossi,	Staff Nurse.....	N	2	460 ^{RB}
	(On leave without pay)				
87.	Edith Bossi,	Staff Nurse.....	N	2	460 ^{RB}
88.	_____	Staff Nurse.....	N	2	460 ^{RB}
89.	Jeanne Oliver,	Staff Nurse.....	N	2	460 ^{RB}
90.	Margaret Brak,	Staff Nurse.....	N	2	460 ^{RB}
91.	_____	Staff Nurse.....	N	2	460 ^{RB}
92.	Lydia Ravanelli,	Staff Nurse.....	N	2	460 ^{RB}

93.	_____, Staff Nurse.....	N	2 460 ^{RB}
94.	Virginia Mulvey, Staff Nurse.....	N	2 460 ^{RB}
95.	Diana M. Bond, Staff Nurse.....	N	2 460 ^{RB}
96.	Philomena O'Keefe, Staff Nurse.....	N	2 400 ^{RB}
97.	Evelyn Lee, Staff Nurse.....	N	2 400 ^{RB}
98.	_____, Staff Nurse.....	N	2 400 ^{RB}
99.	Ann Garafalo, Staff Nurse.....	N	(2 400) ^{RB}
	(On leave without pay for military service)		
100.	Anita Favretto, Staff Nurse.....	N	2 400 ^{RB}
101.	Mrs. Mary L. Averhart, Staff Nurse.....	N	2 400 ^{RB}
102.	Joyce Tanaka, Staff Nurse.....	N	2 400 ^{RB}
103.	Evelyn Boorman, Staff Nurse.....	N	2 400 ^{RB}
104.	Mary Jane Palmer, Staff Nurse.....	N	2 400 ^{RB}
105.	Audrey Kruggel, Staff Nurse.....	N	2 400 ^{RB}
106.	M. Jeanette Johnson, Staff Nurse.....	N	2 400 ^{RB}
107.	Norma Mixer, Staff Nurse.....	N	2 784 ^M
108.	Isabelle Bartlett, Staff Nurse.....	N	2 400 ^{RB}
109.	Roselyn Axelson, Staff Nurse.....	N	2 400 ^{RB}
110.	Mrs. Sarah E. Tillman, Staff Nurse.....	N	2 784 ^M
111.	Grace Ratajack, Staff Nurse.....	N	2 400 ^{RB}
112.	Lillian Lepp, Staff Nurse.....	N	2 400 ^{RB}
113.	Betty Pfeifer, Staff Nurse.....	N	2 400 ^{RB}
114.	Marian Parker, Staff Nurse.....	N	2 400 ^{RB}
115.	Barbara Banik, Staff Nurse.....	N	2 400 ^{RB}
116.	_____, Staff Nurse.....	N	2 400 ^{RB}
117.	Lois Pulley, Staff Nurse.....	N	2 400 ^{RB}
118.	_____, Staff Nurse.....	N	2 400 ^{RB}
119.	_____, Staff Nurse.....	N	2 400 ^{RB}
120.	_____, Staff Nurse.....	N	2 340 ^{RB}
121.	_____, Staff Nurse.....	N	2 340 ^{RB}
122.	_____, Staff Nurse.....	N	2 340 ^{RB}
123.	_____, Staff Nurse.....	N	2 340 ^{RB}
124.	_____, Staff Nurse.....	N	2 340 ^{RB}
125.	_____, Staff Nurse.....	N	2 340 ^{RB}
126.	Edna O'Neill, Clerk II.....	N	2 460
127.	Marietta Davis, Clerk II.....	N	2 400
128.	Anna Ware, Clerk II.....	N	2 340
129.	Thelma Jones, Clerk II.....	N	2 310
130.	Pauline Plattis, Clerk II.....	N	2 280
131.	Louise Hutchison, Clerk II.....	N	2 250
132.	_____, Head Nurse (March 1, 1952).....	N	3 204 ^M
133.	_____, Head Nurse (March 1, 1952).....	N	3 204 ^M
134.	_____, Staff Nurse (March 1, 1952).....	N	2 724 ^M
135.	_____, Staff Nurse (March 1, 1952).....	N	2 724 ^M
136.	_____, Staff Nurse (March 1, 1952).....	N	2 724 ^M
137.	_____, Staff Nurse (March 1, 1952).....	N	2 724 ^M
138.	_____, Staff Nurse (March 1, 1952).....	N	2 724 ^M
139.	_____, Staff Nurse (March 1, 1952).....	N	2 724 ^M
140.	_____, Staff Nurse (March 1, 1952).....	N	2 724 ^M
141.	_____, Staff Nurse (March 1, 1952).....	N	2 724 ^M
142.	_____, Staff Nurse (March 1, 1952).....	N	2 724 ^M
143.	_____, Staff Nurse (March 1, 1952).....	N	2 724 ^M
144.	_____, Assistant Director of Nursing (April 1, 1952).....	N	4 104 ^M
145.	_____, Assistant to the Director (April 1, 1952).....	N	3 804 ^M
146.	_____, Assistant to the Director (April 1, 1952).....	N	3 804 ^M
147.	_____, Head Nurse (April 1, 1952).....	N	3 264 ^M
148.	_____, Head Nurse (April 1, 1952).....	N	3 264 ^M
149.	_____, Head Nurse (April 1, 1952).....	N	3 264 ^M
150.	_____, Head Nurse (April 1, 1952).....	N	3 264 ^M
151.	_____, Head Nurse (April 1, 1952).....	N	3 264 ^M
152.	_____, Assistant Head Nurse (April 1, 1952).....	N	2 904 ^M
153.	_____, Assistant Head Nurse (April 1, 1952).....	N	2 904 ^M

217.	Staff Nurse (May 1, 1952)	N	2 724 ^M
218.	Staff Nurse (May 1, 1952)	N	2 724 ^M
219.	Staff Nurse (May 1, 1952)	N	2 724 ^M
220.	Staff Nurse (May 1, 1952)	N	2 724 ^M
221.	Staff Nurse (May 1, 1952)	N	2 724 ^M
222.	Staff Nurse (June 1, 1952)	N	2 724 ^M
223.	Staff Nurse (June 1, 1952)	N	2 724 ^M
224.	Staff Nurse (June 1, 1952)	N	2 724 ^M
225.	Staff Nurse (June 1, 1952)	N	2 724 ^M
226.	Staff Nurse (June 1, 1952)	N	2 724 ^M
227.	Staff Nurse (June 1, 1952)	N	2 724 ^M
228.	Staff Nurse (June 1, 1952)	N	2 724 ^M
229.	Staff Nurse (June 1, 1952)	N	2 724 ^M
230.	Staff Nurse (June 1, 1952)	N	2 724 ^M
231.	Staff Nurse (June 1, 1952)	N	2 724 ^M
232.	Staff Nurse (June 1, 1952)	N	2 724 ^M
233.	Staff Nurse (June 1, 1952)	N	2 724 ^M
234.	Staff Nurse (June 1, 1952)	N	2 724 ^M
235.	Staff Nurse (June 1, 1952)	N	2 724 ^M
236.	Staff Nurse (June 1, 1952)	N	2 724 ^M
237.	Staff Nurse (June 1, 1952)	N	2 724 ^M
238.	Staff Nurse (June 1, 1952)	N	2 724 ^M
239.	Staff Nurse (June 1, 1952)	N	2 724 ^M
240.	Staff Nurse (June 1, 1952)	N	2 724 ^M
241.	Staff Nurse (June 1, 1952)	N	2 724 ^M
242.	Staff Nurse (June 1, 1952)	N	2 724 ^M
243.	Staff Nurse (June 1, 1952)	N	2 724 ^M
244.	Staff Nurse (June 1, 1952)	N	2 724 ^M
245.	Staff Nurse (June 1, 1952)	N	2 724 ^M
246.	Staff Nurse (June 1, 1952)	N	2 724 ^M
247.	Staff Nurse (June 1, 1952)	N	2 724 ^M
248.	Staff Nurse (June 1, 1952)	N	2 724 ^M
249.	Staff Nurse (June 1, 1952)	N	2 724 ^M
250.	Staff Nurse (June 1, 1952)	N	2 724 ^M
251.	Staff Nurse (June 1, 1952)	N	2 724 ^M
252.	Staff Nurse (June 1, 1952)	N	2 724 ^M
253.	Clerk-Stenographer III (January 1, 1952)	N	2 700
254.	Clerk II (June 1, 1952)	N	2 100
255.	Clerk II (June 1, 1952)	N	2 100
256.	Clerk II (June 1, 1952)	N	2 100
257.	Clerk II (June 1, 1952)	N	2 100
ILLINOIS EYE AND EAR INFIRMARY			
258.	Caroline Stewart, Associate Director of Nursing	N	5 004 ^M
259.	Mrs. Ferne F. Sieling, Assistant Director of Nursing	N	4 554 ^M
260.	Mrs. Nancy D. Izzo, Head Nurse	N	3 714 ^M
261.	Alice Jusczyński, Head Nurse	N	3 534 ^M
262.	Rosella A. Bohland, Head Nurse	N	3 324 ^M
263.	Mrs. Madge Lovik, Assistant Head Nurse	N	3 024 ^M
264.	Mrs. Margaret Koumoungis, Assistant Head Nurse	N	3 024 ^M
265.	Mrs. Helen S. Guarino, Staff Nurse	N	3 360
266.	Mrs. Mabel B. Stiert, Staff Nurse	N	3 144 ^M
267.	Staff Nurse	N	3 060
268.	Mrs. Theresa Tyska, Staff Nurse	N	2 964 ^M
269.	Staff Nurse	N	2 844 ^M
270.	Mildred Ludwig, Staff Nurse	N	2 940 ^M
271.	Helen B. Galloway, Staff Nurse	N	2 940
272.	Mrs. Emma Follmer, Staff Nurse	N	2 904 ^M
273.	Mrs. Constance Moisan, Staff Nurse	N	2 940 ^M
274.	Staff Nurse	N	2 880
275.	Mrs. Maria D. Ramirez, Staff Nurse	N	2 904 ^M
276.	Staff Nurse	N	2 724 ^M
277.	Mrs. Shirley Osborne, Staff Nurse	N	2 844 ^M
278.	Mrs. Katherine Grady, Staff Nurse	N	2 844 ^M

ILLINOIS EYE AND EAR INFIRMARY OPERATING ROOM

279. Mrs. Elizabeth L. Darling, Supervising Nurse.....	N	3 564 ^M
280. Mrs. Doris Hundebly, Head Nurse.....	N	3 144 ^M
281. Mrs. Gretchen Ohrvall, Staff Nurse.....	N	2 784 ^M
282. Mrs. Shirley J. Eaton, Staff Nurse.....	N	2 904 ^M
283. Mrs. Mary Hawking, Staff Nurse.....	N	2 844 ^M
284. Frances Gloege, Staff Nurse.....	N	2 844 ^M
285. Mrs. Kathryn Bergmann, Staff Nurse.....	N	2 904 ^M
286. Donnette Stennfeld, Staff Nurse.....	N	2 784 ^M

ILLINOIS EYE AND EAR INFIRMARY CLINICS

287. Mrs. Elizabeth H. Nash, Clinic Nurse.....	N	3 864 ^M
288. Emma Condl, Clinic Nurse.....	N	3 534 ^M
289. Gladys Uehrke, Clinic Nurse.....	N	3 414 ^M
290. Florence Greene, Clinic Nurse.....	N	3 324 ^M
291. Frida Johansen, Clinic Nurse.....	N	2 820 ^{RB}
292. Mrs. Harriet B. Vrasic, Clerk-Stenographer III.....	N	2 814 ^M
293. _____, Head Nurse.....	N	2 904 ^M
294. _____, Assistant Head Nurse.....	N	2 844 ^M
295. _____, Staff Nurse.....	N	2 724 ^M
296. _____, Staff Nurse.....	N	2 784 ^M
297. _____, Staff Nurse.....	N	2 880
298. Deduct unused amounts from July 1 to effective dates of new positions indicated above.....		-281 040
<i>Total, Nursing</i>		<u>\$564 972</u>

Nursing — INI

1. Frances Mikulec, Associate Director of Nursing.....	N	\$ 4 404 ^M
2. Mrs. Esther Diderich, Assistant Director of Nursing.....	N	4 284 ^M
3. Harriet White, Assistant Director of Nursing.....	N	4 104 ^M
4. Pearl Crouch, Supervising Nurse.....	N	3 984 ^M
5. Kerstin Boberg, Supervising Nurse.....	N	3 564 ^M
6. Katherine Grossman, Supervising Nurse.....	N	3 480 ^M
7. _____, Supervising Nurse.....	N	3 204 ^M
8. Dorothy Foltz, Head Nurse.....	N	3 804 ^M
9. Josephine Niespodzani, Head Nurse.....	N	3 804 ^M
10. Sophia Dobrychlop, Head Nurse.....	N	3 804 ^M
11. Vivian Tanner, Head Nurse.....	N	3 804 ^M
12. Ruth Flinn, Head Nurse.....	N	3 504 ^M
13. Ethel Tanimoto, Head Nurse.....	N	3 444 ^M
14. Louise M. Noble, Head Nurse.....	N	3 204 ^M
15. Mrs. Mary E. Brennan, Staff Nurse.....	N	3 264 ^M
16. Mrs. Ruby B. Malek, Staff Nurse.....	N	3 264 ^M
17. Mrs. Julia L. Wilkerson, Staff Nurse.....	N	3 264 ^M
18. Mrs. Princess Jarrett, Staff Nurse.....	N	3 264 ^M
19. Mrs. Marie Hodges, Staff Nurse.....	N	3 264 ^M
20. Carol Roberts, Staff Nurse.....	N	3 168 ^M
21. Lucille Warner, Staff Nurse.....	N	3 168 ^M
22. Jo Ann Brabanec, Staff Nurse.....	N	2 784 ^M
23. Mrs. Lucy A. Jacqmain, Staff Nurse.....	N	2 784 ^M
24. Dorothy Vanderhyden, Staff Nurse.....	N	2 784 ^M
25. _____, Clerk-Stenographer II.....	N	2 700
26. Mrs. Grace Waddington, Clerk II.....	N	2 400
27. Mrs. Henrietta Lockett, Clerk II.....	N	2 160
28. Mrs. Della Palelo, Clerk II.....	N	2 340
29. Mrs. Mildred Nicholas, Clerk II.....	N	2 448
<i>Total, Nursing—INI</i>		<u>\$ 95 448</u>

Nurses' Residence

1. Mrs. Jean Bayless, Matron in Charge.....	N	\$ 2 820
2. Mrs. Huldah Bolte, Matron.....	N	2 520

3. Mrs. Alice Kelly, Matron.....	N	2 520
4. Mrs. Margaret Craven, Matron.....	N	2 520
<i>Total, Nurses' Residence.....</i>		<u>\$ 10 380</u>

Operating Room

1. Mrs. Helen Lane, Supervising Nurse.....	N	\$ 4 044 ^M
2. Clara Loesch, Head Nurse.....	N	3 864 ^M
3. Loretta Fangrat, Head Nurse.....	N	3 594 ^M
4. Helen Blaut, Staff Nurse.....	N	3 264 ^M
5. _____, Head Nurse (April 1, 1952).....	N	3 204 ^M
6. Ann Brannon, Staff Nurse.....	N	3 174 ^M
7. Charlotte Bossi, Staff Nurse.....	N	3 054 ^M
8. Lorraine Silarski, Staff Nurse.....	N	2 994 ^M
9. Ruth Rossiter, Staff Nurse.....	N	2 844 ^M
10. Mrs. Esther M. Schaeffer, Staff Nurse.....	N	2 844 ^M
11. Mrs. Joyce R. Vietz, Staff Nurse.....	N	2 844 ^M
12. _____, Staff Nurse.....	N	2 784 ^M
13. Ruth Yancey, Staff Nurse.....	N	2 880 ^{RB}
14. Mae Samuelson, Staff Nurse.....	N	2 580 ^{RB}
15. June P. Muffett, Staff Nurse.....	N	2 580 ^{RB}
16. Dorothea Rahlfs, Staff Nurse.....	N	2 520 ^{RB}
17. Mary Ann Senton, Staff Nurse.....	N	2 460 ^{RB}
18. Shirley Ireland, Staff Nurse.....	N	2 400 ^{RB}
19. Shirley Ragen, Staff Nurse.....	N	2 400 ^{RB}
20. _____, Staff Nurse (March 1, 1952).....	N	2 784 ^M
21. _____, Staff Nurse (April 1, 1952).....	N	2 784 ^M
22. _____, Staff Nurse (March 1, 1952).....	N	2 724 ^M
23. _____, Staff Nurse (April 1, 1952).....	N	2 724 ^M
24. Dolores Kolstedt, Clerk II.....	N	2 100
25. Deduct unused amounts from July 1 to effective dates of new positions indicated above.....		<u>-10 206</u>
<i>Total, Operating Room.....</i>		<u>\$ 59 238</u>

Operating Room — INI

1. Mrs. Anna Komon, Supervising Nurse.....	N	\$ 4 044 ^M
2. Mrs. Franka DeLaCruz, Staff Nurse.....	N	2 784 ^M
3. Kay Mulhall, Staff Nurse.....	N	2 784 ^M
<i>Total, Operating Room—INI.....</i>		<u>\$ 9 612</u>

Orthopaedic Brace Shop

1. W. P. Oliver, Assistant Bracemaker.....	N	\$ 2 970
2. Mrs. Mary Becola, Assistant Bracemaker.....	N	2 640
<i>Total, Orthopaedic Brace Shop.....</i>		<u>\$ 5 610</u>

Orthopaedic Brace Shop Revolving (Entire budget from receipts)

1. J. J. Molloy, Bracemaker.....	N	\$ 4 752
<i>Total, Orthopaedic Brace Shop Revolving.....</i>		<u>\$ 4 752</u>

Pathology

1. Nils Siegbahn, Senior Laboratory Assistant.....	N	\$ 3 750
2. Cyril V. Gazarek, Senior Laboratory Assistant.....	N	3 330
3. Louis Weinzimmer, Junior Laboratory Assistant.....	N	3 000
4. Jane McCate, Junior Laboratory Assistant.....	N	2 730
5. Mrs. Violet Olsen, Clerk-Stenographer III.....	N	3 300
6. Thelma Sims, Clerk-Stenographer II.....	N	2 940
7. Sylvia Schreiman, Clerk-Stenographer II.....	N	2 580
8. _____, Junior Laboratory Assistant (March 1, 1952).....	N	2 580

9. _____, Junior Laboratory Assistant (June 1, 1952).....	N	2 580
10. _____, Assistant Laboratory Assistant (April 1, 1952).....	N	2 400
11. _____, Clerk-Stenographer III (January 1, 1952).....	N	3 300
12. Deduct unused amounts from July 1 to effective dates of new positions indicated.....		-7 535
<i>Total, Pathology.....</i>		<i>\$ 24 955</i>

Physical Medicine and Rehabilitation

1. Dorothy M. Iddings, Clinical Director of Physical Therapy.....	N	\$ 4 620
2. Miriam J. Partridge, Assistant Supervisor of Physical Therapy.....	N	3 960
3. Marion G. Taft, Staff Physical Therapist.....	N	3 900
4. _____, Assistant Supervisor of Physical Therapy.....	N	3 450
5. Sarah E. Gruss, Staff Physical Therapist.....	N	3 660
6. Alda L. Bevan, Staff Physical Therapist.....	N	3 540
7. Helen C. Klahr, Staff Physical Therapist.....	N	3 450
8. G. A. Vaundry, Staff Physical Therapist.....	N	3 420
9. Mrs. Charlotte Eckhoff, Clerk-Stenographer III.....	N	2 970
10. Mrs. Elaine H. Gierke, Clerk-Typist III.....	N	2 640
11. _____, Physical and Occupational Therapy Aide.....	N	2 520
12. Bernard Johnson, Physical and Occupational Therapy Aide.....	N	2 790
13. Evelyn Smith, Physical and Occupational Therapy Aide.....	N	2 730
14. _____, Assistant Supervisor (April 1, 1952).....	N	3 600
15. _____, Junior Laboratory Mechanic (January 1, 1952).....	N	3 000
16. _____, Staff Physical Therapist (April 1, 1952).....	N	3 000
17. _____, Clerk-Stenographer III (June 1, 1952).....	N	2 880
18. _____, Physical and Occupational Therapy Aide (June 1, 1952).....	N	2 400
19. _____, Orderly (April 1, 1952).....	N	2 370
20. Deduct unused amounts from July 1 to effective dates of new positions indicated above.....		-13 068
<i>Total, Physical Medicine and Rehabilitation.....</i>		<i>\$ 47 832</i>

Radiology

1. Harriette Johnson, Chief X-ray Technician.....	N	\$ 4 140
2. Olive George, Senior X-ray Technician.....	N	3 540
3. Lydia Scherbarth, Senior X-ray Technician.....	N	3 540
4. Lydia Naaf, Senior X-ray Technician.....	N	3 300
5. Mrs. Joyce Childers, Senior X-ray Technician.....	N	3 030
6. Beverly Slaymaker, Junior X-ray Technician.....	N	2 640
7. Mrs. Jeanine Korer, Junior X-ray Technician.....	N	2 610
8. Willie F. Furlow, Senior Dark Room Technician.....	N	2 700
9. Mildred Winesberry, Junior Dark Room Technician.....	N	2 340
10. Josephine Bellamia, Clerk III.....	N	2 700
11. Mary L. Sullivan, Clerk-Typist II.....	N	2 700
12. Charlotte Mastro, Clerk-Typist II.....	N	2 490
13. Irene Jollain, Clerk II.....	N	2 280
14. _____, Clerk II (July 1, 1951).....	N	2 100
15. Marie Fisher, Nurse's Aide.....	N	2 096
16. _____, Clerk-Typist II (April 1, 1952).....	N	2 400
17. _____, Junior X-ray Technician (March 1, 1952).....	N	2 400
18. _____, Junior X-ray Technician (April 1, 1952).....	N	2 400
19. _____, Senior Dark Room Technician (May 1, 1952).....	N	2 400
20. _____, Junior Dark Room Technician (June 1, 1952).....	N	2 100
21. _____, Orderly (May 1, 1952).....	N	2 370

ILLINOIS EYE AND EAR INFIRMARY

22. Eugene Elstrom, Chief X-ray Technician.....	N	4 044 ^M
23. Jeanette Angelillo, Clerk-Typist II.....	N	2 640
24. Deduct unused amounts from July 1 to effective dates of new positions indicated above.....		<u>— 11 100</u>
<i>Total, Radiology.....</i>		<i>\$ 51 860</i>

Social Service

1. Virginia Kenny, Medical Social Worker.....	N	\$ 3 570
2. Esther Zumdahl, Medical Social Worker.....	N	3 180
3. Mrs. Mary Anne Barry, Medical Social Worker.....	N	2 910
4. Miriam Eisenberg, Medical Social Worker.....	N	2 814 ^M
5. Esther Herstein, Clerk-Stenographer II.....	N	2 550
<i>Total, Social Service.....</i>		<i>\$ 15 024</i>

Ward Expense

1. Mrs. Lillian Kallenback, Supervisor of Sewing and Surgical Dressings.....	N25	\$ 825
(See Sewing and Mending Stores).....	N75	(2 475)
(Total Salary).....		(3 300)
2. Mrs. Helen Waichulis, Surgical Dressings Maker.....	N	2 805
<i>Total, Ward Expense.....</i>		<i>\$ 3 630</i>

LIBRARY

1. Mrs. Barbara Sevy, Senior Library Clerk.....	N	\$ 2 760
2. Carol Moston, Senior Library Clerk.....	N	2 700
3. Jeannette B. Ogrodny, Clerk-Stenographer II.....	N	2 640
4. Ruby Burroughs, Clerk-Typist II.....	N	2 400
5. Josephine Cenar, Junior Library Clerk.....	N	2 460
6. _____, Junior Library Clerk.....	N	2 280
7. Richard Bauer, Junior Library Clerk (Paid from Item 6).....	H	(1 730)
8. _____, Junior Library Clerk.....	N	2 005
<i>Total, Library.....</i>		<i>\$ 17 245</i>

PHYSICAL PLANT

Administration

1. F. E. Hostettler, Assistant Superintendent of Buildings and Grounds.....	N	\$ 8 580
2. Helen Gehrke, Senior Accountant.....	N	5 280
3. James T. Stalion, Assistant to Superintendent of Buildings and Grounds.....	N	5 280
4. Mrs. Gladys Malone, Secretary.....	N	3 630
5. Mrs. Evangeline W. Starkie, Office Appliance Operator III.....	N	3 240
6. Mrs. Arlene Jacob, Payroll Clerk III.....	N	3 240
7. _____, Clerk III.....	N80	2 256
(See Chicago Illini Union).....	N20	(564)
(Total Salary).....		(2 820)
8. _____, Clerk-Stenographer III.....	N	2 940
9. _____, Clerk-Stenographer III.....	N	2 640
10. Elizabeth Raud, Clerk-Typist III.....	N	2 580
11. Rita M. Janusz, Clerk III.....	N	2 400
12. Clare M. Haraburda, Clerk-Stenographer II.....	N	2 580
13. Patricia Chamberlin, Clerk-Typist II.....	N	2 310
14. Virginia Bird, Clerk-Typist II.....	N	2 220
15. _____, Clerk-Stenographer II.....	N	2 220
<i>Total, Administration.....</i>		<i>\$ 51 396</i>

Building Operation

1. E. G. Segermark, Superintendent of Operation.....	N90	\$ 6 600
(From Laundry Operations).....	N10	(660)
(Total Salary).....		(7 260)
2. John Fee, Assistant Superintendent of Operations.....	N	5 100
3. Mrs. Lucille Balaney, Clerk-Stenographer II.....	N	2 850
4. Dean Hill, Window Washer Foreman.....	P	(4 268) ¹
5. Victor Waichulis, Custodial Supervisor.....	N	(4 350) ¹
6. E. J. Gottstein, Elevator Operations Foreman.....	P	(3 540) ¹
7. Mrs. Emily Rycroft, Supervisor of Housekeeping.....	P	(3 252) ¹
8. Mrs. Ingrid Hansen, Supervisor of Housekeeping.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
9. Mrs. Alice Olsen, Supervisor of Housekeeping.....	P	(3 252) ¹
10. Mrs. Mary E. Novak, Supervisor of Housekeeping.....	P	(3 252) ¹
11. Mrs. Alice Bresnahan, Supervisor of Housekeeping.....	P	(3 252) ¹
12. Henry Obodzinski, Janitor Crew Leader.....	H	(3 195) ¹
13. Joseph Williams, Janitor Crew Leader.....	H	(3 195) ¹
14. Roy Hagen, Janitor Crew Leader.....		.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
15. Hugh Butler, Janitor Crew Leader.....	H	(3 195) ¹
16. Roosevelt Powell, Janitor Crew Leader.....	H	(3 195) ¹
<i>Total, Building Operation.....</i>		<i>\$ 14 550</i>

Police and Watchmen

1. C. F. Schar, Superintendent of Fire Prevention and Safety (Salary under Chicago Undergraduate Division).....		.....
2. Harvey Cook, Police First Lieutenant.....	P	\$ 3 972
3. William Schmidt, Police Second Lieutenant.....	P	3 660
4. John McCaffrey, Police Second Lieutenant.....	P	3 660
5. John Schaaf, Foreman Mailing Service.....	P	3 870
<i>Total, Police and Watchmen.....</i>		<i>\$ 15 162</i>

Building Maintenance

1. R. A. Teppema, Superintendent of Building Maintenance..	N	\$ 7 110
2. E. H. Stewart, Structural Engineer.....	N	5 940
3. James Lindsay, Routing Supervisor.....	N	4 950
4. Edward Slota, Storekeeper.....	N	3 450
5. Mrs. Catherine Strus, Clerk-Typist II.....	N	2 580
6. R. A. Schust, Clerk-Typist II.....	N	2 460
7. A. P. Poetzing, Supervisor of Building Craftsmen.....	N	(6 600) ¹
8. Michael Jenniches, Electrician Foreman.....	P	(6 171) ¹
9. Austin Hallberg, Painter Foreman.....	P	(5 967) ¹
10. Carl Mueller, Plumber Foreman.....	P	(5 916) ¹
11. Gunnar Osterberg, Carpenter Foreman.....	P	(5 712) ¹
12. Eric Pearson, Labor Crew Leader.....	P	(3 445) ¹
13. James Rezek, Storekeeper.....	N	(3 360) ¹
14. Zigmund Strzalko, Storekeeper.....	N	(3 360) ¹
<i>Total, Building Maintenance.....</i>		<i>\$ 26 490</i>

Heat, Light, and Power

1. F. W. Houck, Superintendent of Utilities.....	N	\$ 7 920
2. F. J. Vogt, Mechanical Engineer.....	N	6 000
3. F. R. Dukes, Electrical Engineer.....	N	6 000
4. W. H. Zuehsow, Electrical Engineer.....	N	5 280
5. A. M. Glowacki, Mechanical Engineer.....	N	5 280

¹ From Physical Plant Labor.

6. Mrs. Geraldine Johnson, Senior Operations Clerk.....	N	3 090
7. Mrs. Jean Rost, Clerk-Stenographer II.....	N	2 550
8. J. M. Densch, Chief Plant Operating Engineer.....	P	(6 540) ¹
9. C. E. Reid, Assistant Chief Plant Operating Engineer....	P	(6 300) ¹
<i>Total, Heat, Light, and Power</i>		<u>\$ 36 120</u>

Architectural Division

1. W. W. Vanderkolk, Associate Architect.....	N	\$ (7 740)
2. E. M. Polly, Architectural Superintendent.....	N	(7 140)
3. Vernon Morris, Structural Engineer.....	N	(6 600)
4. _____, Architectural Superintendent.....	N	(6 600)
5. H. C. Ray, Senior Architectural Draftsman.....	N	(5 880)
6. _____, Architectural Superintendent.....	N	(4 500)
7. _____, Senior Architectural Draftsman.....	N	(4 500)
8. _____, Architectural Superintendent.....	N	(4 200)
9. _____, Clerk-Stenographer II.....	N	(2 520)
10. Mrs. Betty Albright, Clerk-Stenographer II.....	N	(2 550)
11. _____, Clerk-Stenographer II.....	N	(2 400)
12. T. R. Illi, Electrical Engineer (From State Appropriation Hospital Addition).....	N	(6 780)
13. Mary F. Hyer, Junior Accountant (From State Appropriation Hospital Addition).....	N	(3 300)
<i>Total, Architectural Division</i>		<u>\$(54 630)</u>

Telephone System Operation

1. Irene Smith, Chief Switchboard Operator.....	N	\$ (3 000)
2. Mrs. Joyce Ieronimo, Clerk II.....	N50	(1 245)
(See Laundry).....	N50	(1 245)
(Total Salary).....		(2 490)
<i>Total, Telephone System Operation</i>		<u>\$ (4 245)</u>

Laundry Operation

1. E. G. Segermark, Superintendent of Operations.....	N10	\$ (660)
(See Chicago Physical Plant Building Operations)....	N90	(6 600)
(Total Salary).....		(7 260)
2. J. J. Volini, Laundry Manager.....	N	.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
3. Mrs. Joyce Ieronimo, Clerk II.....	N50	(1 245)
(See Telephone System Operation).....	N50	(1 245)
(Total Salary).....		(2 490)
4. Marie Kunz, Laundry Supervisor.....	N	(3 420)
5. Mrs. Alma Durr, Laundry Inspector.....	H	(2 495)
6. Mrs. Frances Blumenthal, Laundry Inspector.....	H	(2 495)
7. Frank Gray, Head Washman.....	H	(3 100)
<i>Total, Laundry Operation</i>		<u>\$(13 415)</u>

Auxiliary Enterprises**Illini Union — General Building**

1. Margaret Johnson, Chicago Illini Union Manager.....	N20	\$ 1 302
(See Food Service).....	N20	(1 302)
(See Food Service Undergraduate Division).....	N60	(3 906)
(Total Salary).....		(6 510) ^M
2. Dorothy Brown, Assistant to Manager of Illini Union....	N	2 970 ^M
3. _____, Clerk III.....	N10	282
(See Food Service).....	N10	(282)
(See Physical Plant Administration).....	N80	(2 256)
(Total Salary).....		(2 820)

¹ From Physical Plant Labor.

4. Patricia McEniff, Assistant to Social Director.....	N	2 640 ^M
5. Gloria Porth, Clerk-Typist II.....	N	2 430 ^M
<i>Total, Illini Union—General Building.....</i>		<i>\$ 9 624</i>

Illini Union — Food Service

1. Margaret Johnson, Chicago Illini Union Manager.....	N20	\$ 1 302
(See General Building).....	N20	(1 302)
(See Food Service Undergraduate Division).....	N60	(3 906)
(Total Salary).....		(6 510) ^M
2. Adeline Sladek, Food Production Manager.....	N	3 960 ^M
3. _____, Clerk III.....	N10	282
(See General Building).....	N10	(282)
(See Chicago Physical Plant Administration).....	N80	(2 256)
(Total Salary).....		(2 280)
4. Margaret O'Brien, Dining Room Supervisor.....	N	2 970 ^M
<i>Total, Illini Union—Food Service.....</i>		<i>\$ 8 514</i>

DIVISION OF SERVICES FOR CRIPPLED CHILDREN**State**

1. Hedwig B. Trauba, Supervisor, Nursing Service.....	N	\$ 5 820
2. Marjorie Gibson, Assistant Supervisor, Nursing Service...	N	5 100
3. Beatrice Bozarth, Orthopedic Nursing Consultant.....	N	4 620
4. Mrs. Elsie M. Dugan, Orthopedic Nursing Consultant....	N	4 560
5. Marie Czwalinski, Orthopedic Nursing Consultant.....	N	4 500
6. Mrs. Jean Sciora, Orthopedic Nursing Consultant.....	N	4 500
7. Minna Hildebrand, Orthopedic Nursing Consultant.....	N	4 200
8. M. Agnes Gaughan, Orthopedic Nursing Consultant.....	N	4 200
9. _____, Orthopedic Nursing Consultant.....	N	4 080
10. _____, Orthopedic Nursing Consultant.....	N	4 080
11. Frances L. Crites, Nursing Consultant.....	N	4 380
12. Mrs. Frances Erickson, Nursing Consultant.....	N	4 320
13. Mary Dalpha Ford, Nursing Consultant.....	N	4 140
14. Grace F. Borah, Nursing Consultant.....	N	4 080
15. Gladys M. Caley, Nursing Consultant.....	N	4 080
16. Madeline Groesch, Nursing Consultant.....	N	3 960
17. Mrs. Josephine Remley, Nursing Consultant.....	N	3 960
18. Geneva M. Theis, Nursing Consultant.....	N	3 960
19. Helen I. Altenberg, Nursing Consultant.....	N	3 840
20. _____, Nursing Consultant.....	N	3 720
21. _____, Nursing Consultant.....	N	3 720
22. _____, Nursing Consultant.....	N	3 660
23. Catherine Ann Kelly, Nursing Consultant.....	N	3 600
24. Naomi Sacks, Medical Social Consultant.....	N	4 020
25. _____, Medical Social Consultant.....	N	3 900
26. Mabel N. King, Office Supervisor II.....	N	3 960
27. Helen Kolb, Secretary.....	N	3 180
28. Mrs. Marian Andrews, Chief Clerk.....	N	3 600
29. Mrs. Dorothy Dukett, Chief Clerk.....	N	3 000
30. Mrs. Annabel M. Osby, Chief Clerk.....	N	3 000
31. Emma Trojanek, Chief Clerk.....	N	3 120
32. Mrs. Mary Riley, Chief Clerk.....	N	2 940
33. Dolores M. Koenig, Clerk-Stenographer III.....	N	3 060
34. Lois Caudill, Clerk-Stenographer III.....	N	3 000
35. Helen Factor, Clerk-Stenographer III.....	N	2 940
36. _____, Clerk-Stenographer III.....	N	2 820
37. Mrs. Dorothy Howe, Clerk-Stenographer III.....	N	2 760
38. _____, Clerk-Stenographer III.....	N	2 760
39. Mrs. Clarice Mauney, Clerk-Stenographer III.....	N	2 760
40. Evelyn M. Robbins, Assistant Photographer.....	N	2 760
41. Toshiko Ando, Clerk-Stenographer III.....	N	2 700
42. Mrs. Mary Hoyt, Clerk-Stenographer III.....	N	2 700

43. Gladys Kemp, Clerk-Stenographer III.....	N	2 700
44. Mrs. Mary Taylor, Clerk-Stenographer III.....	N	2 700
45. Lillian K. Morris, Clerk-Stenographer III.....	N	2 580
46. Mrs. Dolores Niederer, Clerk-Stenographer III.....	N	2 520
47. Mrs. Stella Friedman, Clerk-Stenographer III.....	N	2 460
48. Lillian Schwartz, Clerk-Stenographer III.....	N	2 400
(On leave without pay until October 1, 1951)		
49. Mrs. Virginia Turner, Clerk-Stenographer III.....	N	2 400
50. Mrs. Dona Marie Geeding, Clerk-Stenographer III.....	N	2 280
51. Mrs. Gladys Gundlock, Clerk-Stenographer III.....	N	2 220
52. Joan S. Mitchell, Clerk-Stenographer III.....	N	2 220
53. Mrs. Norma G. Moats, Clerk-Stenographer III.....	N	2 220
54. Mary L. Oakley, Clerk-Stenographer III.....	N	2 220
55. Virginia Vursell, Clerk-Stenographer III.....	N	2 220
56. Margery A. Wilkinson, Clerk-Stenographer III.....	N	2 220
57. Mrs. Estelle Jackson, Clerk-Stenographer II.....	N	2 280
58. Mary E. Rister, Clerk-Stenographer II.....	N	1 920
59. Mrs. Dorothy McCullough, Clerk-Typist III.....	N	2 880
60. Mrs. Virginia Wallner, Clerk-Typist III.....	N	2 880
61. Irene C. Kossuth, Clerk-Typist III.....	N	2 760
62. Marian Groesch, Clerk-Typist III.....	N	2 640
63. Versa Gwaltney, Clerk-Typist III.....	N	2 580
64. Stephanie E. Patula, Clerk-Typist III.....	N	2 640
65. Shirley Traeger, Clerk-Typist III.....	N	2 640
66. Sue King, Clerk-Typist III.....	N	2 280
67. Ann Burnett, Clerk-Typist III.....	N	2 220
68. Pauline Klarich, Clerk-Typist III.....	N	2 220
69. Mary K. Kabella, Clerk-Typist II.....	N	2 520
70. Mrs. Sophie B. Mueller, Clerk-Typist II.....	N	2 520
71. Juanita Handley, Clerk-Typist II.....	N	2 340
72. Irene Stauffer, Clerk-Typist II.....	N	2 340
73. Shirley Mathis, Clerk-Typist II.....	N	2 340
74. Florence Wallner, Clerk-Typist II.....	N	2 340
75. Mrs. Grace J. Murphy, Clerk-Typist II.....	N	2 280
76. Hallie Hallerman, Clerk-Typist II.....	N	1 980
77. Mrs. Mary Ellen Hood, Clerk-Typist II.....	N	1 980
78. Mrs. Addalein Barclay, Clerk III.....	N	3 000
79. Ann F. Bolka, Clerk III.....	N	2 940
80. Mary Foote, Clerk III.....	N	2 700
81. Mayme Riva, Clerk III.....	N	2 640
82. Mrs. Ann M. Shurn, Clerk III.....	N	2 640
83. Mrs. Eleanor Schroll, Clerk II.....	N	2 400
84. Mrs. Billie Swint, Clerk II.....	N	2 400
85. Henrietta Marlowe, Clerk II.....	N	2 340
86. Patricia Dauner, Clerk II.....	N	2 220
87. William Drake, Clerk II.....	N	2 220
88. Mrs. Charlotte J. Keefe, Clerk II.....	N	2 220
89. Constance Stec, Clerk II.....	N	2 220
90. Marilyn Meers, Clerk II.....	N	2 100
91. Mrs. Shirley Taylor, Clerk II.....	N	1 920
92. Norma Cox, Tabulating Machine Operator I.....	N	2 280
93. Udell Renfro, Janitor.....	N	2 520
<i>Total, Division of Services for Crippled Children (State)</i>		<u>\$278 760</u>

Federal

1. _____, Medical Officer.....	N	\$ 8 400
2. Mabel F. Meek, Assistant to the Director.....	N	5 460
3. R. E. Zook, Social Research Analyst.....	N	5 460
4. Mrs. Freda M. Hicks, Office Manager.....	N	5 460
5. Zoe Hall, Supervisor, Medical Social Service.....	N	5 580
6. Marion Smith, Medical Social Consultant.....	N	4 860
7. Mrs. Catherine F. Lott, Medical Social Consultant.....	N	4 260

8. _____, Medical Social Consultant.....	N	4 200
9. Virginia Lamb, Medical Social Worker.....	N	4 020
10. _____, Assistant Supervisor, Nursing Service... ..	N	4 620
11. Jeannette Frasier, Supervisor, Speech and Hearing Service.....	N	5 580
12. Evelyn Green, Speech and Hearing Consultant.....	N	4 740
13. Irene R. Donohue, Speech and Hearing Consultant.....	N	4 680
14. Catherine Woods, Speech and Hearing Consultant.....	N	4 440
15. _____, Speech and Hearing Consultant.....	N	4 140
16. _____, Supervisor, Psychological Service.....	N	4 500
17. F. T. Sharp, Clinical Photographer.....	N	4 800
18. N. E. Lentz, Junior Accountant.....	N	3 600
19. Lean C. Ryan, Junior Accountant.....	N	3 600
20. Carolyn Brummell, Clerk-Stenographer III.....	N	2 820
21. _____, Clerk-Stenographer III.....	N	2 580
22. _____, Clerk-Stenographer III.....	N	2 580
23. _____, Clerk-Stenographer III.....	N	2 580
24. Mrs. Irene B. Peterson, Clerk-Stenographer III.....	N	2 400
25. _____, Clerk-Typist III.....	N	2 400
26. _____, Clerk-Typist III.....	N	2 220
27. Florence Tokich, Clerk II.....	N	2 400
28. _____, Clerk-Stenographer II.....	N	2 400
29. _____, Clerk-Typist II.....	N	1 980
30. William Hinds, Stores Clerk.....	N	3 000
31. Betty Merwin, Payroll Clerk II.....	N	1 500
(See Chicago Business Office).....		(1 500)
(Total Salary).....		(3 000)
32. John G. Cikas, Janitor.....	N	3 420
33. Edward Heatherman, Janitor.....	G	.....
(On leave without pay until further notice; disability benefits payable by Retirement System)		
MEDICAL SOCIAL TRAINING PROGRAM		
34. Mrs. Margaret G. Holden, Supervisor (Chicago).....	N	5 100
35. _____, Medical Social Consultant (Chicago)....	N	4 320
36. Elsie Matovich, Clerk-Stenographer III.....	N	3 120
37. _____, Clerk-Stenographer III.....	N	2 580
CLEFT PALATE TRAINING PROGRAM		
38. Lee Osborn, Senior Laboratory Assistant.....	N	3 500
39. _____, Clerk-Stenographer III.....	N	3 330
40. Rosemary Prohaska, Clerk-Stenographer III.....	N	3 300
Total, Division of Services for Crippled Children (Fed- eral).....		\$149 930

**CHICAGO UNDERGRADUATE DIVISION
ADMINISTRATION AND GENERAL**

Office of the Dean

1. Kathryn Canedy, Secretary.....	N	\$ 3 810
2. Evelyn C. Hansen, Clerk-Stenographer III.....	N	3 180
<i>Total, Office of the Dean.....</i>		<i>\$ 6 990</i>

Student Counseling Bureau

1. Jo-Anne Curtis, Chief Clerk.....	N	\$ 3 420
2. Mrs. Miriam C. Lykke, Secretary.....	N	3 210
3. Constance Catalano, Clerk-Stenographer III.....	N	3 150
4. Stella N. Olfanos, Clerk-Typist II.....	N	2 340
<i>Total, Student Counseling Bureau.....</i>		<i>\$ 12 120</i>

Business Office

1. R. E. Porter, Assistant to the Business Manager.....	N	\$ 7 269
2. Thomas Halstengard, Senior Purchasing Assistant.....	N	4 680
3. Leslie Taylor, Senior Accountant.....	N	4 530
4. Mary J. Walsh, Secretary.....	N	3 600
5. Joaquin Pelayo, Receiving Clerk.....	N	3 240
6. Mrs. Marjorie Corty, Cashier.....	N	3 300
7. G. E. Campbell, Supply Attendant.....	N	3 000
8. Mrs. Carol Budil, Clerk III.....	N	2 880
9. Shirley Till, Clerk-Typist III.....	N	2 400
10. William Vogel, Storekeeper (From Undergraduate Division General Stores).....	N	(3 600)
11. _____, Stores Clerk.....	N	1 200
(From Undergraduate Division General Stores).....		(1 200)
(Total Salary).....		(2 400)
<i>Total, Business Office.....</i>		<i>\$ 36 090</i>

University Bookstore

1. H. E. Summers, Manager.....	N	\$ 6 300
2. E. E. Willis, Clerk II.....	N	3 960
3. Frank Goetker, Storekeeper.....	N	3 360
4. J. O. Robertson, Cashier.....	N	3 300
5. Daniel Matteo, Storekeeper.....	N	3 240
6. Irma Lambert, Clerk III.....	N	3 210
7. W. J. Hudson, Supply Attendant.....	N	2 910
8. Mrs. Dorothy Conlon, Assistant Cashier.....	N	2 850
9. Mrs. Rhoda Johnson, Clerk-Typist III.....	N	2 730
<i>Total, University Bookstore.....</i>		<i>\$ 31 860</i>

Office of Admissions and Records

1. Kirker Smith, Assistant Examiner and Recorder.....	N	\$ 4 830
2. Elizabeth A. Taylor, Assistant Examiner and Recorder...	N	4 680
3. Mrs. Ruth F. Kapes, Assistant Recorder.....	N	4 680
(On leave without pay until October 1, 1951)		
4. Mrs. Jeannet Gage, Assistant Recorder.....	N	4 350
5. Ruth H. Snellenburg, Secretary.....	N	3 300
6. Marilyn Dettmann, Clerk-Stenographer III.....	N	3 030
7. Dorothy Dobrynski, Clerk-Stenographer III.....	N	2 580
8. Adrienne D. Zmyslony, Clerk III (From Chicago Veterans Equipment Procurement Fund).....	N	(3 000)
9. Barbara Blair, Clerk III.....	N	2 820
10. Mrs. Mary Ann Fox, Clerk III.....	N	2 640
11. Mrs. Genevieve Seles, Clerk III.....	N	2 580
12. Mrs. Bertha Parrish, Clerk II.....	N	2 700
13. Mrs. Harriet Jackson, Office Appliance Operator II.....	N	2 580

14. Marion Just, Clerk-Stenographer II.....	N	2 580
15. Lenore Liebman, Clerk II.....	N	2 400
16. Barbara Howarth, Clerk II.....	N	2 400
17. Gladys L. Jackson, Clerk II.....	N	2 280
18. Mrs. Rachel Whaley, Clerk II.....	N	2 100
<i>Total, Office of Admissions and Records.....</i>		<i>\$ 52 530</i>

Nonacademic Personnel

1. F. W. Luck, Personnel Officer.....	N	\$ 4 410
2. Sandra Copan, Personnel Assistant.....	N	3 660
3. Mrs. Betty S. DeFuria, Visiting Nurse.....	N33	1 160
(See Chicago Professional Colleges).....	N67	(2 320)
(Total Salary).....		(3 480)
4. Nancy Harding, Clerk-Typist II.....	N25	600
(From Stenographic Service Operations).....	N75	(1 800)
(Total Salary).....		(2 400)

STENOGRAPHIC SERVICE (From Stenographic Service Operations)

5. Ronald J. Gies, Office Appliance Operator III.....	N	(3 330)
6. Dolores M. Dittberner, Office Appliance Operator II.....	N	(2 400)
<i>Total, Nonacademic Personnel.....</i>		<i>\$ 9 830</i>

Dean of Students

1. Mrs. Lillian C. Gardner, Clerk-Stenographer III.....	N	\$ 3 300
2. Mrs. Aleta O. Schneider, Clerk-Stenographer II.....	N	2 640
3. Olga Hallstrom, Clerk-Stenographer II.....	N	2 220
<i>Total, Dean of Students.....</i>		<i>\$ 8 160</i>

Health Service

1. _____, Staff Nurse.....	N	\$ 2 730
2. W. H. Oestreich, Assistant to Health Officer.....	N	4 140
3. Mrs. Mary L. Todd, Clerk-Stenographer III.....	N	2 640
<i>Total, Health Service.....</i>		<i>\$ 9 510</i>

Division of Communications**Public Information**

1. Constantine D. Orphan, Assistant Manager.....	N	\$ 4 680
2. Dorothea Geng, Editorial Assistant.....	N	2 700
3. _____, Junior Clerk-Typist.....	N	2 040
<i>Total, Public Information.....</i>		<i>\$ 9 420</i>

LIBERAL ARTS AND SCIENCES**Administration**

1. Ruth A. Voigt, Secretary.....	N	\$ 3 360
2. Santa Dimiceli, Clerk-Stenographer II.....	N	2 730
3. Mrs. Blanche H. Rozner, Clerk II.....	N	2 400
<i>Total, Administration.....</i>		<i>\$ 8 490</i>

Biological Sciences

1. Marcella Brantner, Clerk-Stenographer II.....	N	\$ 2 670
2. Margaret R. McMillan, Senior Laboratory Attendant.....	N	3 300
<i>Total, Biological Sciences.....</i>		<i>\$ 5 970</i>

Humanities

1. Mrs. Jeanne A. Andariese, Clerk-Stenographer III.....	N	\$ 3 030
2. Lucille M. Beck, Clerk-Stenographer II.....	N	2 220
<i>Total, Humanities.....</i>		<i>\$ 5 250</i>

Mathematics

1. Lieselotte L. Hyman, Clerk-Stenographer II.....	N	\$ 2 400
<i>Total, Mathematics.....</i>		<u>\$ 2 400</u>

Physical Sciences

1. Audrey A. Ritter, Clerk-Typist II.....	N	\$ 2 490
2. John Rutter, Storekeeper.....	N	2 910
3. F. R. Gatto, Storekeeper.....	N	3 360
<i>Total, Physical Sciences.....</i>		<u>\$ 8 760</u>

Social Sciences

1. Betty J. Cook, Clerk-Typist II.....	N	\$ 2 400
<i>Total, Social Sciences.....</i>		<u>\$ 2 400</u>

ENGINEERING SCIENCES**Administration**

1. Helen V. Strano, Secretary.....	N	\$ 3 510
2. Mrs. Estelle Moss, Clerk-Stenographer III.....	N	2 970
3. Myrtle C. Erickson, Clerk-Typist II.....	N	2 340
4. _____, Clerk-Typist II.....	N	2 100
<i>Total, Administration.....</i>		<u>\$ 10 920</u>

Architecture and Art

1. Mrs. Helen M. Harron, Clerk-Typist III.....	N	\$ 2 670
<i>Total, Architecture and Art.....</i>		<u>\$ 2 670</u>

General Engineering Drawing

1. Carol L. Steinhauer, Clerk-Stenographer II.....	N	\$ 2 520
<i>Total, General Engineering Drawing.....</i>		<u>\$ 2 520</u>

Physics

1. D. C. Huebner, Senior Laboratory Attendant.....	N	\$ 3 360
2. Mrs. Rose N. Turicchi, Clerk-Stenographer II.....	N	2 730
<i>Total, Physics.....</i>		<u>\$ 6 090</u>

Shop Laboratories

1. _____, Senior Laboratory Mechanic.....	N	\$ 3 600
2. W. A. Wright, Junior Foundry Molder.....	N	3 750
3. L. H. Miller, Sr., Tool Room Attendant.....	N	3 120
4. Marie Rane, Clerk-Typist II.....	N	2 460
<i>Total, Shop Laboratories.....</i>		<u>\$ 12 930</u>

COMMERCE AND BUSINESS ADMINISTRATION

1. Vivian J. Moulden, Secretary.....	N	\$ 3 780
2. Marilyn M. Millard, Clerk-Typist II.....	N	2 100
<i>Total, Commerce and Business Administration.....</i>		<u>\$ 5 880</u>

PHYSICAL EDUCATION

1. Casimer J. Oleszkiewicz, Chief Clerk I.....	N	\$ 3 210
2. C. A. Gallagher, Men's Locker Room Attendant.....	N	3 096
3. Mrs. Charlye Williams, Women's Locker Room Attendant.....	N	2 474
4. Patricia L. Hansen, Junior Clerk-Stenographer.....	N	2 340
<i>Total, Physical Education.....</i>		<u>\$ 11 120</u>

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

1. LeVerne Olson, Clerk-Typist II.....	N	\$ 2 310
<i>Total, Division of Special Services for War Veterans...</i>		<u>\$ 2 310</u>

ARMED FORCES

1. J. A. Brisbois, Assistant to the Military Property Custodian	N	\$ 3 600
2. _____, Clerk-Typist II.....	N	2 400
<i>Total, Armed Forces.....</i>		<u>\$ 6 000</u>

LIBRARY

1. Emily Chelin, Secretary.....	N	\$ 3 180
2. Doris Flynn, Senior Library Clerk.....	N	2 910
3. Mrs. Emma Zimmeroff, Senior Library Clerk.....	N	2 610
4. J. R. Thompson, Junior Library Clerk.....	N	2 580
5. Mrs. Mary D. Hines, Senior Library Clerk.....	N	2 580
6. Pauline E. Kiel, Junior Library Clerk.....	N	2 520
7. Arlene M. Caplin, Junior Library Clerk.....	N	2 490
8. Miejeko Katoyanna, Junior Library Clerk.....	N	2 400
9. _____, Junior Library Clerk.....	N	2 310
10. Gloria Lowenthal, Junior Library Clerk.....	N	2 520
11. Jean Lieber, Junior Library Clerk.....	N	2 490
12. Mrs. Ida Neiman, Junior Library Clerk.....	N	2 490
13. Mrs. Gladys Sparge, Junior Library Clerk.....	N	2 490
14. Mrs. Claudine Parker, Junior Library Clerk.....	N	2 400
<i>Total, Library.....</i>		<u>\$ 35 970</u>

PHYSICAL PLANT

Administration

1. G. J. Miller, Assistant Superintendent of Buildings and Grounds.....	N	\$ 8 250
2. H. L. Mikolajczyk, Associate Architect.....	N ³³	2 270
(See Architecture and Art).....	B67	(4 430)
(Total Salary).....		(6 700)
3. _____, Assistant to Superintendent of Buildings and Grounds.....	N	4 800
4. Mrs. Mary E. Nelson, Junior Accountant.....	N	4 140
5. Mrs. Mary M. Klose, Clerk-Stenographer III.....	N	3 090
6. Mrs. Clara Kosiog, Office Appliance Operator III.....	N	2 760
7. Mrs. Doris Nouzak, Payroll Clerk II.....	N	2 760
8. Mrs. Dora H. Wrobel, Clerk-Stenographer II.....	N	2 880
9. Thelma Diamond, Clerk-Typist II.....	N	2 430
<i>Total, Administration.....</i>		<u>\$ 33 380</u>

Building Operation

1. Joseph Ehrlicher, Assistant Superintendent of Operations	N	\$ 4 620
2. C. A. Anderson, Custodial Supervisor.....	N	(4 290) ¹
3. Peter Hennip, Janitor Foreman.....	P	(3 660) ¹
4. Claude Fisher, Janitor Sub-Foreman.....	P	(3 444) ¹
5. T. S. Ziebel, Laborer Crew Leader.....	P	(3 446) ¹
6. Leonard Woods, Janitor Crew Leader.....	P	(3 195) ¹
7. Charles Bates, Janitor Crew Leader.....	P	(3 195) ¹
8. William Reynolds, Janitor Crew Leader.....	P	(3 195) ¹
9. Robert Robinson, Janitor Crew Leader.....	P	(3 091) ¹
10. J. A. Edwards, Janitor Crew Leader.....	P	(3 091) ¹
<i>Total, Building Operation.....</i>		<u>\$ 4 620</u>

¹ From Physical Plant Labor.

Police and Watchmen

1. C. F. Schar, Superintendent of Fire Prevention and Safety	N	\$ 5 940
2. P. T. McEnery, Police Captain	P	4 440
3. George Frost, Police First Lieutenant	P	3 972
<i>Total, Police and Watchmen</i>		<u>\$ 14 352</u>

Building Maintenance

1. R. H. Laycock, Supervisor of Building Craftsmen	N	\$ 6 600
2. N. R. Lohan, Routing Supervisor	N	4 170
3. G. H. Sandroek, Storekeeper	N	3 360
4. R. E. Jensen, Carpenter Foreman	P	(5 712) ¹
5. P. D. Miller, Steamfitter Foreman	P	(5 814) ¹
6. H. G. Brunner, Electrician Foreman	P	(6 171) ¹
<i>Total, Building Maintenance</i>		<u>\$ 14 130</u>

Heat, Light, and Power

1. B. M. Briggs, Chief Plant Operating Engineer (From Physical Plant Labor)	P	\$ (7 152)
<i>Total, Heat, Light, and Power</i>		<u>\$ (7 152)</u>

Telephone and Information

1. Mrs. Anne Walker, Chief Switchboard Supervisor	N	\$ 2 874
2. Mrs. Dell Kershaw, Clerk III	N	2 400
3. Anna M. Danno, Clerk II	N	2 640
<i>Total, Telephone and Information</i>		<u>\$ 7 914</u>

Food Service**Auxiliary Enterprises**

1. Margaret Johnson, Chicago Illini Union Manager	N60	\$ 3 906
(See Chicago Illini Union)	N40	(2 604)
(Total Salary)		(6 510) ^M
2. Jenny E. Carson, Food Production Manager	N	3 780 ^M
3. Dorothy Deeken, Clerk III	N	3 360 ^M
4. Mrs. Leona A. Mitcham, Office Assistant Food Service	N	2 490 ^M
5. Joan S. Wardell, Fountain Supervisor	N	2 700 ^M
<i>Total, Food Service</i>		<u>\$ 16 236</u>

¹ From Physical Plant Labor.

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

September 19, 1951



The September meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, September 19, 1951, beginning at 11:00 a.m. (C.D.S.T.).

The following members of the Board were present: President Livingston, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Nickell, and Mrs. Watkins; Mr. Megran took his place with the Board later in the meeting.

Also present were President George D. Stoddard, Provost Coleman R. Griffith, Vice-President A. C. Ivy, Mr. Ralph F. Lesemann, Legal Counsel, and Mr. J. F. Wright, Director of Public Information; Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of June 13, 1951, press proof copies of which have been sent to all members of the Board in advance of this meeting.

On motion of Mr. Johnston, these minutes were approved as printed on pages 734 to 831, inclusive.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
CLIFFORD ROBERT BURGER	Paris, Illinois	Indiana
RUSSELL GOODRICH FLOOD	Chicago, Illinois	District of Columbia
GERALD FRIEDMAN	Chicago, Illinois	North Carolina
GORDON FRANCIS GARDNER	Scarsdale, New York	New York
WALTER SCOTT GOEDECKE	Gary, Indiana	Indiana
RAYMOND JOHN HUGHES	Evanston, Illinois	Nebraska
MORRIS KLIBANSKY	St. Louis, Missouri	Missouri
PETER KOCAN	Chicago, Illinois	New York
MARTIN MAXWELL LORE	New York, New York	District of Columbia
JOHN HORD LUMPKIN	Mexico, D. F.	New York
LESLIE MILLS	Harrison, New York	New York
HOWARD DUDLEY MURPHY	Darien, Connecticut	New York
EDWIN ANDREW PARADOSKI	University City, Missouri	Missouri
GEORGE WEEKS PIERCE	Hingham, Massachusetts	New York
ALBERT LEWIS SCHULTZ	Akron, Ohio	Ohio
HAROLD MILBOURN WOEHRL	La Grange Park, Illinois	Michigan
RAYMOND HENRY ZIESEMANN	Omaha, Nebraska	District of Columbia

I concur.

On motion of Mr. Nickell, these certificates were awarded.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. PAULINE N. BRIMHALL, Assistant Professor of Health Education, in the Department of Home Economics, in the Extension Service in Agriculture and Home Economics, beginning September 1, 1951, at an annual salary of \$5,300 (DY).

2. JOHN R. BRYDEN, Assistant Professor of Music, beginning September 1, 1951, at an annual salary of \$4,500 (D).

3. PAUL D. COLEMAN, Research Associate Professor of Electrical Engineering, Engineering Experiment Station, beginning September 1, 1951, at an annual salary of \$8,500 (DY).

4. EDWIN WALLACE DAVIS, Assistant Professor of Psychology and Assistant Director of the Student Counseling Bureau, Chicago Undergraduate Division, beginning September 1, 1951, at an annual salary of \$6,900 (DY).

5. ROBERT GLENN DEMAREE, Assistant Professor of Psychology, in the Graduate College, beginning August 1, 1951, and continuing through August 31, 1952, at an annual salary of \$5,800 (GY).

6. ALICE NAOMI FEDDER, University High School Librarian and Assistant Professor of Library Science, beginning September 1, 1951, at an annual salary of \$5,000 (DY).

7. WILLIAM H. FIELDS, JR., Special Assistant to Provost and Business Manager of the Control Systems Laboratory, with rank of Assistant Professor, Department of Physics, beginning September 1, 1951, at an annual salary of \$10,000 (BY).

8. MARY ELIZABETH FUQUA, Assistant Professor of Home Economics, beginning September 1, 1951, at an annual salary of \$4,100 (D).

9. LAWRENCE ELMER GILES, Assistant Professor of Education, beginning September 1, 1951, at an annual salary of \$4,500 (D).

10. MARY ELIZABETH HARRISON, Assistant Dean of Women, beginning September 1, 1951, at an annual salary of \$4,200 (DY).

11. CHARLES K. HUNT, Assistant Professor of the Physical Sciences, Chicago Undergraduate Division, beginning September 1, 1951, at an annual salary of \$5,400 (B).

12. JOSEPH ALDEN JACKOBS, Associate Professor of Crop Production, in the Department of Agronomy, College of Agriculture and Agricultural Experiment Station, beginning September 1, 1951, at an annual salary of \$6,500 (DY).

13. FRANCES BRIGGS JENKINS, Associate Professor of Library Science, beginning September 1, 1951, at an annual salary of \$6,000 (D).

14. FRANCES JENSEN, Assistant Professor of Home Economics, beginning September 1, 1951, at an annual salary of \$5,300 (DY).

15. ANN E. JEWETT, Assistant Professor of Physical Education, College of Education (B75) and School of Physical Education (B25), beginning September 1, 1951, at an annual salary of \$4,500.

16. CHARLES LEONHARD, Associate Professor of Music, beginning September 1, 1951, at an annual salary of \$7,500 (B).

17. JAMES S. MILES, Director of the Kellogg Radio Project, Division of Communications, beginning September 1, 1951, at an annual salary of \$9,000 (DY).

18. WALTER JAMES MOORE, Assistant Professor of Education, beginning September 1, 1951, at an annual salary of \$5,800 (D).

19. JAMES B. MOWRY, Assistant Professor of Horticulture, Agricultural Experiment Station, on one-half time, beginning October 1, 1951, at an annual salary of \$2,700 (DY50). (Southern Illinois University will pay the other half of his salary.)

20. AMBROSE MADISON RICHARDSON, Professor of Architecture, beginning September 1, 1951, at an annual salary of \$9,000 (A).

21. LESTER CLAYTON SARTORIUS, Assistant Professor of Economics, beginning September 1, 1951, at an annual salary of \$4,850 (B).

22. G. WESLEY SOWARDS, Assistant Professor of Education, at an annual salary of \$4,500 (B).

23. GEORGE WOLF, Assistant Professor of Animal Nutrition, in the Department of Animal Science, beginning October 1, 1951, at an annual salary of \$5,000 (BY).

On motion of Mr. Fornof, these appointments were confirmed.

CLINICAL FACULTY OF THE COLLEGE OF MEDICINE, 1951-1952

(3) I recommend that the following appointments be made to the non-salaried, clinical faculty of the College of Medicine for the academic year beginning September 1, 1951, unless otherwise indicated, and that the President of the University be authorized to make such additional appointments and other changes, and to accept resignations, as are desirable and necessary.

Appointments of Professors and Associate Professors are on indefinite tenure; all others are for one year from September 1, 1951, or, for one year from July 1, 1951, as stated in such cases.

Department	Summary	1950-1951	1951-1952
Anatomy.....		5	5
Bacteriology.....		2	2
Biological Chemistry.....		3	5
Clinical Science.....		4	3
Dermatology.....		22 (2) ¹	25 (2)
Illustration Studios.....		1	1
Medicine.....		194 (11)	202 (13)
Neurology and Neurological Surgery.....		18 (1)	18 (1)
Obstetrics and Gynecology.....		60 (8)	56 (8)
Ophthalmology.....		58 (2)	61 (2)
Orthopaedic Surgery.....		17	17
Otolaryngology.....		59 (2)	60 (2)
Pathology.....		30	28
Pediatrics.....		34 (2)	47 (2)

¹ The figures in parentheses indicate the number of emeritus members.

Summary (concluded)

<i>Department</i>	<i>1950-1951</i>	<i>1951-1952</i>
Pharmacology.....	2	1
Physiology.....	4	4
Preventive Medicine.....	3	2
Psychiatry.....	44 (2)	49 (2)
Public Health.....	5	5
Radiology.....	17	20
Surgery (including Urology and Anesthesia).....	125 (8)	119 (5)
<i>Total</i>	707 (38)	730 (37)

Anatomy

CIPOLLA, ARTHUR F., M.D., Assistant Professor
 ZIMRING, ALLAN J., Assistant Professor
 KHEDROO, LAWRENCE G., B.S., D.D.S., M.D., Instructor
 TATAROWICZ, BEN J., M.D., Instructor
 LIPPOLD, ROLAND W., M.S., Assistant

Bacteriology

FELSENFELD, OSCAR, M.D., Professorial Lecturer
 FORSTER, GEORGE F., Ph.D., Lecturer, with rank of Assistant Professor

Biological Chemistry

MACFADYEN, DOUGLAS A., A.M., M.D., Professor (Rush)¹
 GOULD, R. GORDON, JR., Ph.D., Associate Professor (Rush)
 HILLER, ALMA E., Ph.D., Associate Professor (Rush)
 HORWITT, MAX K., Ph.D., Associate Professor
 STEWART, GORDON S., Ph.D., Clinical Assistant Professor

Clinical Science

KRASNO, LOUIS, M.D., Assistant Professor (on leave of absence for military service)
 JOHNSON, CARL A., M.D., Assistant Professor
 HWANG, KAO, M.D., Research Associate

Dermatology

CARO, MARCUS R., M.D., Clinical Professor
 EBERT, MICHAEL H., M.D., Clinical Professor (Rush)
 MITCHELL, JAMES H., M.D., Clinical Professor (Rush), *Emeritus*
 ORMSBY, OLIVER S., M.D., Clinical Professor (Rush), *Emeritus*
 WEBER, LEONARD F., M.D., Clinical Professor
 NEUHAUSER, IRENE, M.D., Clinical Assistant Professor
 GRIFFITH, PAUL R., A.B., M.D., Clinical Associate
 HETREED, FRANCIS W., M.D., Clinical Associate (Rush)
 ROLL, HARVEY C., M.D., Clinical Associate (on leave of absence)
 SLEPYAN, ALBERT H., M.D., Clinical Associate
 BARSKY, SIDNEY, M.D., Clinical Instructor (Rush)
 BOSWELL, PAUL P., M.D., Clinical Instructor
 BUCHHOLZ, ALEXANDER, M.D., Clinical Instructor
 FELSHER, ZACHARY, M.D., Clinical Instructor (Rush)
 LATTA, PHILIP R., M.D., Clinical Instructor
 OMENS, HAROLD, M.D., Clinical Instructor (Rush)
 ROBIN, MILTON, M.D., Clinical Instructor
 RUBIN, LOUIS, M.D., Clinical Instructor
 YAFFE, BERNARD, M.D., Clinical Instructor (Rush)
 HARNER, C. GLENDON, M.D., Clinical Assistant

¹ The designation (Rush) in a title is used to identify former members of the Rush Medical College faculty who were taken over by the University in 1941 as part of the affiliation with the Presbyterian Hospital by authority of the Board of Trustees.

HARRIS, HOMER E., M.D., Clinical Assistant
 RIDDELL, J. MURRAY, M.D., Clinical Assistant
 SIMPSON, RAYMOND R., M.D., Clinical Assistant (one year from 7-1-51)
 SPINKA, HAROLD M., M.D., Clinical Assistant (Rush)
 VANDER LAAN, C. A., M.D., Clinical Assistant (Rush)

Illustration Studios

LINDEN, CARL T., Instructor in Medical Illustration

Medicine

BROWN, RALPH C., B.S., M.D., Professor (Rush), *Emeritus*
 HERRICK, JAMES B., A.M., LL.D., D.Sc., M.D., Professor (Rush), *Emeritus*
 IRONS, ERNEST E., Ph.D., M.D., Clinical Professor (Rush), *Emeritus*
 POST, WILBER E., Ph.B., M.D., Clinical Professor (Rush), *Emeritus*
 STRAUSS, SIDNEY A.B., M.D., Clinical Professor, *Emeritus*
 TICE, FREDERICK, M.D., Clinical Professor, *Emeritus*
 WOODYATT, ROLLIN T., B.S., M.D., Clinical Professor (Rush), *Emeritus*
 ALVAREZ, WALTER C., M.D., Lecturer in Medicine, with rank of Professor
 ARKIN, AARON, Ph.D., M.D., Clinical Professor (Rush)
 ARMSTRONG, S. HOWARD, JR., A.B., M.D., Professor (Rush)
 CAMPBELL, LEO K., B.S., M.D., Clinical Professor (Rush)
 EYERLY, JAMES B., B.S., M.D., Clinical Professor (Rush)
 FREILICH, ELLIS B., M.D., Clinical Professor
 HIBBS, WILLIAM G., B.S., D.Sc., M.D., Clinical Professor (Rush)
 KELLY, FRANK B., B.S., M.D., Clinical Professor (Rush)
 MEYER, JACOB, M.S., M.D., Clinical Professor
 PFUETZE, KARL H., B.S., M.D., Clinical Professor
 SLOAN, LEROY H., B.S., M.D., Clinical Professor
 THOMAS, WILLIAM A., Ph.B., M.D., Clinical Professor (Rush)
 THOMPSON, WILLARD O., A.B., M.D., Clinical Professor
 CHAUVET, FRANK, M.D., Clinical Associate Professor, *Emeritus*
 GOLDBERG, BENJAMIN, M.D., Clinical Associate Professor, *Emeritus*
 PERLSTEIN, SAMUEL, M.D., Clinical Associate Professor, *Emeritus*
 BUTLER, STUYVESANT, Ph.B., M.D., Clinical Associate Professor (Rush)
 FELDMAN, LOUIS, B.S., M.D., Clinical Associate Professor
 FORAN, FRANCIS L., M.S., M.D., Clinical Associate Professor (Rush)
 KNIGHT, ALVA A., B.S., M.D., Clinical Associate Professor (Rush)
 LUNDY, CLAYTON J., M.S., M.D., Clinical Associate Professor (Rush)
 LUSK, FRANK B., A.M., M.D., Clinical Associate Professor
 PERNOKIS, EVANS W., M.D., Clinical Associate Professor (Rush)
 PILOT, ISADORE, B.S., M.D., Clinical Associate Professor
 PORTIS, SIDNEY A., B.S., M.D., Clinical Associate Professor (Rush)
 RABENS, ISIDORE A., M.S., M.D., Clinical Associate Professor
 RAGINS, OSCAR B., M.S., M.D., Clinical Associate Professor
 RAFFAPORT, BEN Z., M.S., M.D., Clinical Associate Professor
 SHEAFF, HOWARD M., Ph.D., M.D., Clinical Associate Professor (Rush)
 TRAUT, EUGENE F., B.S., M.D., Clinical Associate Professor (Rush)
 TRIMMER, RALPH W., M.D., Clinical Associate Professor (Rush)
 VANDERKLOOT, ALBERT, M.D., Clinical Associate Professor
 FREDRICKSON, FREDERICK O., Assistant Professor (Rush), *Emeritus*
 GARDINER, JOHN A., A.M., M.D., Clinical Assistant Professor (Rush), *Emeritus*
 WILSON, FRANKLIN S., Ph.G., M.D., Assistant Professor, *Emeritus*
 ABRAMSON, DAVID I., M.D., Clinical Assistant Professor
 AFREMOW, MELVIN L., M.S., M.D., Clinical Assistant Professor
 AMTMAN, LEO E., B.S., M.D., Clinical Assistant Professor
 BARTON, EVAN M., A.B., M.D., Clinical Assistant Professor (Rush)
 BEDINGER, PAUL L., M.S., M.D., Clinical Assistant Professor
 BERNSTEIN, ARTHUR, B.S., M.D., Clinical Assistant Professor
 BERSON, ROBERT C., A.B., M.D., Assistant Professor (on leave of absence)
 BOIKAN, WILLIAM S., M.S., M.D., Clinical Assistant Professor

BREUHAUS, HERBERT C., B.S., M.D., Clinical Assistant Professor (Rush)
 BYFIELD, GEORGE V., M.S., M.D., Clinical Assistant Professor
 CARTER, JAY B., M.S., M.D., Clinical Assistant Professor (Rush)
 DEUSS, HUGO O., B.S., M.D., Clinical Assistant Professor
 DEYOUNG, WILLARD G., B.S., M.D., Clinical Assistant Professor (Rush)
 DURHAM, OREN C., Lecturer in Allergy, with rank of Assistant Professor
 FISCHER, JACOB W., B.S., M.D., Clinical Assistant Professor
 FISHBEIN, MORRIS, B.S., Phar.D., M.D., Clinical Assistant Professor (Rush)
 GRAY, EARLE, B.S., M.D., Clinical Assistant Professor (Rush)
 HILKEVITCH, BENJAMIN H., M.D., Clinical Assistant Professor (Rush)
 IRONS, EDWIN N., B.S., M.D., Clinical Assistant Professor (Rush)
 JONES, ROBERT M., A.B., M.D., Clinical Assistant Professor
 LEVITT, ROBERT O., A.B., M.D., Clinical Assistant Professor
 LEVY, HERMAN A., B.S., M.D., Clinical Assistant Professor
 LICHTENSTEIN, MEYER R., B.S., M.D., Clinical Assistant Professor
 McMILLAN, J. CHARLES, JR., B.S., M.D., Clinical Assistant Professor
 MOSKO, MILTON M., B.S., M.D., Clinical Assistant Professor
 PAUL, OGLESBY, A.B., M.D., Clinical Assistant Professor (Rush)
 PEARLMAN, BENJAMIN, B.S., M.D., Clinical Assistant Professor
 ROSENBLUM, ALFRED H., B.S., M.D., Clinical Assistant Professor
 ROSENBLUM, SAMUEL H., B.S., M.D., Clinical Assistant Professor
 SCHICK, ARMIN F., B.S., M.D., Clinical Assistant Professor (Rush)¹
 STECK, IRVING E., M.S., M.D., Clinical Assistant Professor
 STRAUS, ELIZABETH K., A.B., M.D., Clinical Assistant Professor (Rush)
 STUPPY, GEORGE W., Ph.D., M.D., Clinical Assistant Professor (Rush)
 SWISHER, WILLIAM P., B.S., M.D., Clinical Assistant Professor
 TURNER, GEORGE C., B.S., M.D., Clinical Assistant Professor (Rush)
 WOOD, WILLARD L., M.S., M.D., Clinical Assistant Professor (Rush)
 WOODRUFF, LEWIS W., B.S., M.D., Clinical Assistant Professor (Rush)
 RITTER, ISRAEL I., B.S., M.D., Clinical Assistant Professor²
 SPELLBERG, MITCHELL A., M.D., Clinical Assistant Professor²
 AKRE, OSMUND H., A.B., M.D., Clinical Associate (Rush)
 BAIRD, THOMAS A., B.S., M.D., Clinical Associate (Rush)
 BENNETT, JOSEPH R., A.B., M.D., Clinical Associate (Rush)
 BROWN, R. GORDON, A.B., M.D., Clinical Associate (Rush)
 BERG, MAX, Ph.D., M.D., Clinical Associate
 BERNSTEIN, MAX M., B.S., M.D., Clinical Associate
 DARLING, DUANE D., B.S., M.D., Clinical Associate
 DITKOWSKY, SAMUEL E., B.S., M.D., Clinical Associate
 EDIDIN, LOUIS, B.S., M.D., Clinical Associate
 GALT, RAYMOND M., A.B., M.D., Clinical Associate
 GROSZ, EUGENE, M.D., Clinical Associate
 GUNTHER, AARON, B.S., M.D., Clinical Associate
 HUTCHISON, WILLIAM A., B.S., M.D., Clinical Associate
 HYMAN, SAMUEL, M.P.H., B.S., M.D., Clinical Associate
 KINNEY, JANET R., B.S., M.D., Clinical Associate
 KIRBY, WILLIAM J., B.S., M.D., Clinical Associate (Rush)
 MEHLMAN, JEROME S., A.B., M.D., Clinical Associate
 NECHELES, JOHN R., M.D., Clinical Associate
 NELSON, BERTRAM G., B.S., M.D., Clinical Associate (Rush)
 PERLMAN, LAWRENCE, B.S., M.D., Clinical Associate
 RAVENNA, PAUL, M.D., Clinical Associate
 RICEWASSER, HENRY, A.B., B.S., M.D., Clinical Associate
 SIMKIN, MAURICE, B.S., M.D., Clinical Associate (Rush)
 SIMKIN, WILLIAM, B.S., M.D., Clinical Associate (Rush)
 WILLIAMS, J. LISLE, A.M., M.D., Clinical Associate
 WOLF, ALEXANDER, B.S., M.D., Clinical Associate
 AREN, MARVIN W., B.S., M.D., Clinical Instructor
 ARMSTRONG, BERTHE E., B.S., M.D., Clinical Instructor (Rush)

¹ Also Resident in Medicine at Presbyterian Hospital.

² Also Resident in Medicine at Research and Educational Hospital.

BAUMEISTER, CARL F., B.S., M.D., Clinical Instructor
 BEINAR, PETER J., B.S., M.D., Clinical Instructor
 BERKE, ROBERT D., M.D., Clinical Instructor
 BICA, GAETANO A., B.S., M.D., Clinical Instructor (on leave of absence for six months from 9-1-51)
 CARSTENS, H. PAUL, M.S., M.D., Clinical Instructor
 CHAPMAN, ROBERT A., A.B., M.D., Clinical Instructor¹
 CRETICOS, ANGELO P., B.S., M.D., Clinical Instructor¹
 DAKIN, THEODORE R., A.B., M.D., Clinical Instructor
 DICKEY, MARVIN M., M.D., Clinical Instructor (Rush)
 EHRLICH, NORMAN J., M.S., M.D., Clinical Instructor
 FARAGO, PETER J., A.B., M.D., Clinical Instructor (Rush) (on leave of absence for military service)
 FEINHANDLER, EMANUEL J., B.S., M.D., Clinical Instructor
 FISHER, DON L., B.S., M.D., Clinical Instructor (Rush)
 GIANASI, CHARLES A., A.B., M.D., Clinical Instructor
 GREGORIO, JOHN T., M.D., Clinical Instructor
 GRIMELLI, LUKE J., M.S., M.D., Clinical Instructor
 GURVEY, JULIUS A., B.S., M.D., Clinical Instructor
 HARTLEY, HENRIETTA S., M.D., Clinical Instructor
 HISS, FREDERICK W., A.B., M.D., Clinical Instructor (Rush)
 HOBAN, THOMAS, B.S., M.D., Clinical Instructor (Rush) (on leave of absence for military service)
 HORWITZ, HARVEY, B.S., M.D., Clinical Instructor
 JACKSON, EDWARD L., B.S., M.D., Clinical Instructor
 JANSON, C. HELGE M., B.S., M.D., Clinical Instructor (Rush)
 JESSER, JOSEPH H., B.S., M.D., Clinical Instructor
 KESLER, ROLAND L., A.B., M.D., Clinical Instructor (Rush)
 LEVINE, HOWARD J., A.B., M.D., Clinical Instructor
 LEVY, GEORGE, B.S., M.D., Clinical Instructor
 LEWIS, WARREN C., A.B., B.S., M.D., Clinical Instructor
 LUBIN, JEROME J., B.S., M.D., Clinical Instructor
 MEREDITH, PAUL A., A.B., M.D., Clinical Instructor
 NEWMAN, EDWARD A., M.S., M.D., Clinical Instructor
 POLLEY, THEODORE Z., B.S., M.D., Clinical Instructor
 POST, JOHN, B.S., M.D., Clinical Instructor (Rush)
 PRESLEY, SOPHIE J., M.S., M.D., Clinical Instructor
 RHETTA, HELEN L., A.B., M.D., Clinical Instructor
 SAPIENZA, ANTHONY R., B.S., M.D., Clinical Instructor
 SCALA, RALPH A., M.D., Clinical Instructor
 SCHNAER, IRA L., M.D., Clinical Instructor (Rush)
 SINGER, JOHN D., B.S., M.D., Clinical Instructor
 SELVERSTONE, LOUIS A., A.B., M.D., Instructor (Rush)
 SIGLIN, IRVIN S., B.S., M.D., Clinical Instructor
 SLOTT, IRVING, B.S., M.D., Clinical Instructor
 STENN, FREDERICK, M.S., M.D., Clinical Instructor
 TIMBLIN, WILLIAM S., B.S., M.D., Clinical Instructor
 WEINBERG, BERNHARD J., B.S., M.D., Clinical Instructor
 YELLEN, HARRY J., B.S., M.D., Clinical Instructor
 YONAN, JOHN B., M.D., Clinical Instructor
 BALLARD, GEORGE P., B.S., M.D., Clinical Assistant
 BELL-IRVING, PETER, M.D., Clinical Assistant (Rush)²
 BRETZ, WILLIAM E., B.S., M.D., Clinical Assistant (Rush)
 BRIXEY, ALBIN M., A.B., B.S., M.D., Clinical Assistant
 CARTON, ROBERT W., M.D., Clinical Assistant (Rush)
 DE JONG, GEORGE A., M.D., Clinical Assistant (Rush)
 DUNCAN, JAMES T., M.D., Clinical Assistant (Rush)²
 FREIREICH, EMIL L., M.D., Clinical Assistant (Rush)²
 FRICKE, ALBERT F., M.D., Clinical Assistant
 GROS, GERARD, B.S., Ph.B., M.D., Clinical Assistant¹

¹ Also Resident in Medicine at Research and Educational Hospital.

² Also Resident in Medicine at Presbyterian Hospital.

HALL, F. RICHARD, A.B., M.D., Clinical Assistant (Rush)
 HARTMAN, CHARLES F., M.D., Clinical Assistant (Rush)
 HAVRANEK, JAMES C., B.S., M.D., Clinical Assistant
 HIRSCHMANN, JEROME H., B.S., M.D., Clinical Assistant
 HUSTON, ERWIN S., M.D., Clinical Assistant (Rush)
 KAISER, ROBERT J., M.S., M.D., Clinical Assistant¹
 KIPNIS, GILBERT P., B.S., M.D., Clinical Assistant¹
 KIRKLAND, WALLACE W., M.D., Clinical Assistant (Rush)
 KLEIN, SAMUEL, B.S., M.D., Clinical Assistant
 KLEINSCHMIDT, WILLIAM H., B.S., M.D., Clinical Assistant
 KRASNOW, SHELDON E., B.S., M.D., Clinical Assistant
 LI, MIN CHIU, M.D., Clinical Assistant (Rush)²
 LOUIS, JOHN, M.S., M.D., Clinical Assistant¹
 MANNING, JOHN J., B.S., M.D., Clinical Assistant
 MARCH, JACK F., M.D., Clinical Assistant (Rush)
 MARKOVITZ, MEYER, A.B., M.D., Clinical Assistant¹
 MAYNARD, DONALD E., M.D., Clinical Assistant
 MCBRIDE, DONALD, M.D., Clinical Assistant (Rush) (on leave of absence for military service)
 MCGRATH, CHARLES D., A.B., M.D., Clinical Assistant (Rush) (on leave of absence for military service)
 NARUT, LEO F., B.S., M.D., Clinical Assistant
 O'BRIEN, DONALD E., M.D., Clinical Assistant (Rush)
 PLACE, VIRGIL A., M.D., Clinical Assistant (Rush) (on leave of absence for military service)
 RAY, MARY, B.S., M.D., Clinical Assistant (Rush)
 ROBBINS, JOSEPH M., B.S., M.D., Clinical Assistant
 ROCHLIN, ISIDORE, M.S., M.D., Clinical Assistant (Rush)
 ROSENBLUM, ABRAHAM I., B.S., M.D., Clinical Assistant
 RUGGIE, ALEXANDER N., B.S., M.D., Clinical Assistant
 SAKAMOTO, ARTHUR, A.B., M.D., Clinical Assistant¹
 SCHMIDT, ARTHUR E., M.D., Clinical Assistant (Rush)²
 SCHUPP, JOSEPH G., A.B., M.D., Clinical Assistant (Rush)²
 STRAUSS, JEROME F., JR., A.B., M.D., Clinical Assistant
 SWITZER, JOHN L., M.S., M.D., Clinical Assistant
 TARUN, DONALD W., M.D., Clinical Assistant (Rush)
 THRIFT, CHESTER B., B.S., M.D., Clinical Assistant (Rush)
 VIL, CHARLES S., B.S., M.D., Clinical Assistant
 WEISS, EUGENE, M.S., M.D., Clinical Assistant

Neurology and Neurological Surgery

AVERY, LOREN, M.D., Clinical Professor of Neurology (Rush)
 VERBRUGGHEN, ADRIEN, M.S., Clinical Professor of Neurological Surgery (Rush), assigned to Anatomy part time
 LICHTENSTEIN, BEN W., M.D., Associate Professor of Neurology
 GUSTAFSON, WESLEY A., M.D., Clinical Assistant Professor of Neurological Surgery
 ZEITLIN, HOWARD, M.D., Clinical Assistant Professor of Neurology
 VON WITZLEBEN, HENRY D., M.D., Clinical Assistant Professor of Neurology
 HARDT, HARRY G., M.D., Clinical Associate in Neurology (Rush), *Emeritus*
 SPEIGEL, I. JOSHUA, M.D., Clinical Associate in Neurosurgery
 OBERHILL, HAROLD R., M.D., Clinical Instructor in Neurosurgery
 TEXTOR, CHARLES S., II, M.D., Clinical Instructor in Neurosurgery (Rush)
 ZOLT, NATHAN, M.D., Clinical Instructor in Neurology
 BENNETT, FOSTER E., M.D., Clinical Assistant (one year from 7-1-51)
 CRANDALL, PAUL H., M.D., Clinical Assistant (one year from 7-1-51)
 FLAHERTY, NEIL F., M.D., Clinical Assistant (one year from 7-1-51)
 JOHNSON, BEAUMONT, II, M.D., Clinical Assistant (Rush) (one year from 7-1-51)
 MCCASKELL, DANIEL, M.D., Clinical Assistant (Rush) (one year from 7-1-51)

¹ Also Resident in Medicine at Research and Educational Hospital.

² Also Resident in Medicine at Presbyterian Hospital.

PITTMAN, HAL W., M.D., Clinical Assistant (one year from 7-1-51)
 PRICE, WILLIAM T., JR., M.D., Clinical Assistant (one year from 7-1-51)

Obstetrics and Gynecology

HOLMES, RUDOLPH W., M.D., Professor (Rush), *Emeritus*
 WEBSTER, JOHN C., M.D., Professor (Rush), *Emeritus*
 BAER, JOSEPH L., M.S., M.D., Clinical Professor (Rush), *Emeritus*
 HEANEY, NOBEL S., A.B., M.D., Clinical Professor (Rush), *Emeritus*
 ALLEN, EDWARD D., B.S., M.D., Clinical Professor (Rush)
 KANTER, AARON E., M.S., M.D., Clinical Professor (Rush)
 KOBAK, ALFRED J., M.S., M.D., Clinical Assistant Professor
 LASH, ABRAHAM F., Ph.D., M.D., Clinical Associate Professor
 HAMMOND, WALTER C., M.D., Assistant Professor, *Emeritus*
 LANG, JOHN M., M.D., Assistant Professor, *Emeritus*
 NEWBERGER, CHARLES, B.S., M.D., Assistant Professor, *Emeritus*
 STONE, FRANK L., M.D., Assistant Professor, *Emeritus*
 BOLEY, MICHAEL H., B.S., M.D., Clinical Assistant Professor
 BOYSEN, HARRY, B.S., M.D., Clinical Assistant Professor (Rush)
 CAREY, CLAIR M., B.S., M.D., Clinical Assistant Professor
 DARO, AUGUST F., B.S., M.D., Clinical Assistant Professor
 DELEE, SOL T., M.S., M.D., Clinical Assistant Professor
 KLAUANS, ARTHUR H., B.S., M.D., Assistant Professor (Rush)
 LIFVENDAHL, RICHARD A., M.S., M.D., Clinical Assistant Professor
 PRIEST, FRED O., B.S., M.D., Clinical Assistant Professor (Rush)
 SERED, HARRY, M.D., Clinical Assistant Professor
 TETON, JOSEPH B., B.S., M.D., Clinical Assistant Professor
 REZEK, GEORGE H., M.S., M.D., Clinical Assistant Professor
 ROOS, FREDERICK J., M.D., Clinical Assistant Professor
 WOLFF, JOHN R., M.S., M.D., Clinical Assistant Professor
 DRAA, CECIL C., B.S., M.D., Clinical Associate (Rush)
 WALSH, FRANK J., B.S., M.D., Clinical Associate
 AUSTIN, STEPHEN D., M.D., Instructor (Rush)¹
 BACON, ALFONS R., B.S., M.D., Clinical Instructor
 BAUM, HUGO C., B.S., M.D., Clinical Instructor (Rush)
 BENENSOHN, SOL J., B.S., M.D., Clinical Instructor
 BISSELL, SCHUYLER M., A.B., M.D., Instructor (Rush)¹
 BREISTER, BENJAMIN W., M.D., Clinical Instructor (Rush)
 BRUMME, MARVIN R., B.S., M.D., Clinical Instructor
 GLENNER, ROBERT J., B.S., M.D., Clinical Instructor
 LONG, JOHN S., M.D., Clinical Instructor (Rush)¹
 MOUZAKEOTIS, THEODORE C., B.S., M.D., Clinical Instructor
 PETERSON, LOWELL F., B.S., M.D., Clinical Instructor (Rush)
 SMITH, C. OTIS, A.B., B.S., M.D., Clinical Instructor
 SMITH, HAROLD E., B.S., M.D., Clinical Instructor
 SYLVESTER, E. BRADLEY, M.D., Instructor²
 FALLS, JOHN L., B.S., M.D., Assistant (on leave of absence for military service)
 FUNNELL, JOSEPH W., A.B., M.D., Assistant (Rush)¹
 GOLLIN, HARVEY A., B.S., M.D., Clinical Assistant
 JACOBSON, HOWARD N., B.S., B.M., M.D., Assistant (Rush) (one year from 7-1-51)¹
 KAMINETZKY, HAROLD A., B.S., M.D., Assistant (one year from 7-1-51)¹
 KAUFMAN, JEROME D., M.D., Clinical Assistant
 LUTZ, J. FREDERICK, B.S., M.D., Clinical Assistant (Rush)
 MOYER, JOHN A., B.S., M.D., Clinical Assistant
 OLECK, ADRIAN R., B.S., M.D., Clinical Assistant
 OTTEN, MARY JANE, B.S., M.D., Assistant¹
 SYKORA, LAWRENCE J., M.D., Clinical Assistant
 VLASIS, GEORGE P., B.S., M.D., Assistant
 WELSH, DAVID R., B.S., M.D., Assistant (Rush)¹

¹ Also Resident in Medicine at Presbyterian Hospital.

² Also Resident in Medicine at Research and Educational Hospital.

WHITLOCK, RICHARD F., B.S., M.D., Assistant
YOUNG CLARKE M., B.S., M.D., Assistant (Rush)

Ophthalmology

BROWN, EDWARD V. L., M.D., Clinical Professor (Rush), *Emeritus*
DARLING, CHARLES G., M.D., Clinical Professor (Rush), *Emeritus*
MONCREIFF, WILLIAM F., M.D., Clinical Professor (Rush)
DONEGAN, JUSTIN M., M.D., Associate Professor (Rush)
ALLEN, THOMAS D., M.D., Clinical Associate Professor (Rush)
APPLE, CARL, M.D., Clinical Associate Professor
FOWLER, EARLE B., M.D., Clinical Associate Professor (Rush)
RISER, ROY O., M.D., Clinical Associate Professor
THEOBALD, GEORGIANA D., M.D., Clinical Associate Professor and Clinical Pa-
thologist
CLARK, JAMES W., M.D., Clinical Assistant Professor
COWEN, JACK P., M.D., Clinical Assistant Professor
JACOBSON, MAX M., M.D., Clinical Assistant Professor (Rush)
MCGARRY, H. ISABELLE, M.D., Clinical Assistant Professor
SCHEFFLER, MILTON M., M.D., Clinical Assistant Professor
SCHERIBEL, KARL J., M.D., Clinical Assistant Professor (Rush)
SNYDACKER, DANIEL, M.D., Clinical Assistant Professor
ZEKMAN, THEODORE N., M.D., Clinical Assistant Professor
FOX, NATHAN H., M.D., Clinical Associate
LEECH, VERNON M., M.D., Clinical Associate (Rush)
MAHER, DAVID B., M.D., Clinical Associate
ROSENBERG, WILLIAM, M.D., Clinical Associate
COX, FRED G., M.D., Clinical Instructor
FEINBERG, LOUIS, M.D., Clinical Instructor
FORDON, LEONA R., M.D., Clinical Instructor
LEARSY, CHARLES A., M.D., Clinical Instructor (Rush)
MUNDT, G. HENRY, JR., M.D., Clinical Instructor
PETERSON, JOHN W., M.D., Clinical Instructor
SCHULTZ, ABRAHAM, M.D., Clinical Instructor
URIST, MARTIN, M.D., Clinical Instructor
BARRETT, CHARLES V., JR., M.D., Clinical Assistant
BLACK, CHESTER, M.D., Clinical Assistant (Rush)
FITZGERALD, GEORGE, M.D., Clinical Assistant
HALL, J. M., M.D., Clinical Assistant
HERBST, R. R., M.D., Clinical Assistant
JONES, E. T., M.D., Clinical Assistant
KAPUSTIAK, W. A., M.D., Clinical Assistant
MURPHY, ROBERT H., M.D., Clinical Assistant (Rush)
PETRAVICE, P. P., M.D., Clinical Assistant
SCHALL, SAMUEL, M.D., Clinical Assistant
SPIRO, BARBARA, M.D., Clinical Assistant (Rush)
WONES, EDWARD, JR., M.D., Clinical Assistant (on leave of absence for military
service)
ABRAHAMSON, MARGARET, M.D., Assistant (one year from 7-1-51)¹
ALLEN, R. L., Assistant (one year from 7-1-51)¹
BERRY, FRANK B., M.D., Assistant (one year from 7-1-51)¹
BRYANT, F. B., M.D., Assistant (Rush) (one year from 7-1-51)¹
CHERRY, SUE, M.D., Assistant (one year from 7-1-51)¹
GALLAHER, D. M., M.D., Assistant (one year from 7-1-51)¹
KAHN, M. R., M.D., Assistant (one year from 7-1-51)¹
KAPLAN, MAX, M.D., Assistant (one year from 7-1-51)¹
KIRK, HAROLD, M.D., Assistant (one year from 7-1-51)¹
LEGASTO, MARIO C., M.D., Assistant (one year from 7-1-51)¹
LEGASTO, NOE C., M.D., Assistant (one year from 7-1-51)¹
MAGEE, D. R., M.D., Assistant (one year from 7-1-51)¹

¹ Also Resident at Research and Educational Hospital and Illinois Eye and Ear Infirmary.

² Also Resident at Presbyterian Hospital.

MARGOLIS, JACK, M.D., Assistant (one year from 7-1-51)¹
 MATUSAK, L. R., M.D., Assistant (one year from 7-1-51)¹
 QUINT, J. HARLEY, JR., M.D., Assistant (one year from 7-1-51)¹
 SMITH, TAYLOR, M.D., Assistant (one year from 7-1-51)¹
 VALONE, RICHARD J., M.D., Assistant (one year from 7-1-51)¹
 WHELCHER, M. C., M.D., Assistant (one year from 7-1-51)¹
 WILDER, HOWARD, M.D., Assistant (one year from 7-1-51)¹
 WOOD, EDWIN S., M.D., Assistant (one year from 7-1-51)¹

Orthopaedic Surgery

BERKHEISER, ELVEN J., A.B., M.D., Clinical Associate Professor (Rush)
 MURPHY, FRANK G., B.S., M.D., Clinical Associate Professor
 FARRINGTON, JOSEPH D., A.B., M.D., Clinical Assistant Professor
 GRIMMER, EVERETT A., D.D.S., Clinical Associate
 MARSHALL, WILLIAM A., B.S., M.D., Clinical Assistant Professor
 MILLER, LEO F., B.S., M.D., Clinical Assistant Professor
 SHAPIRO, FRED, B.S., M.D., Clinical Assistant Professor (Rush)
 TURNER, HORACE E., B.S., M.D., Clinical Assistant Professor
 ADAMS, RAYMOND J., B.S., M.D., Instructor (one year from 7-1-51)²
 BUCHMASTER, ROBERT E., B.S., M.D., Instructor (one year from 7-1-51)²
 EICHELBAUM, KURT L., M.D., Clinical Instructor²
 JOFFE, HERMAN, M.S., M.D., Clinical Instructor
 VARZINO, LOUIS S., B.S., M.D., Clinical Instructor (Rush)
 APPELBACH, HENRY W., M.D., Assistant²
 BOWNESS, LAWRENCE J., M.D., Assistant²
 DICKINSON, PHILIP H., M.D., Assistant (one year from 7-1-51)²
 SATHER, HOWARD L., M.D., Assistant (one year from 7-1-51)¹

Otolaryngology

HOLLENDER, ABRAHAM R., M.D., Professor, *Emeritus*
 HAYDEN, DANIEL B., M.D., Clinical Professor (Rush), *Emeritus*
 THEOBALD, WALTER H., M.D., Clinical Professor
 VAN ALYEA, OLIVER E., M.D., Clinical Associate Professor
 WATKINS, RICHARD W., M.D., Clinical Associate Professor (Rush)
 ANDREWS, ALBERT H., M.D., Clinical Assistant Professor of Bronchoesophagology
 BECKER, OSCAR J., M.D., Clinical Assistant Professor
 BLUMENTHAL, HELMUT, M.D., Clinical Assistant Professor
 CHAINSKI, EDWARD, M.D., Clinical Assistant Professor
 COOMBS, ARTHUR J., M.D., Clinical Assistant Professor
 FABRICANT, NOAH D., M.D., Clinical Assistant Professor
 FOX, NOAH, M.D., Clinical Assistant Professor
 FRIEDBERG, STANTON A., M.D., Clinical Assistant Professor (Rush)
 HENNER, ROBERT, M.D., Clinical Assistant Professor
 LEHMAN, JEAN UTLEY, Ph.D., Assistant Professor of Audiology (on leave of absence)
 LEWIS, GEORGE K., M.D., Clinical Assistant Professor (on leave of absence for military service)
 LEWY, ROBERT B., M.D., Clinical Assistant Professor
 LIVINGSTON, GEORGE S., M.D., Clinical Assistant Professor
 MORWITZ, SAMUEL M., M.D., Clinical Assistant Professor
 SCOTT, GORDON H., M.D., Clinical Assistant Professor (Rush)
 SHAPIRO, SHERMAN L., M.D., Clinical Assistant Professor
 SPIESMAN, IRWIN G., M.D., Clinical Assistant Professor
 WALLNER, LINDEN J., M.D., Clinical Assistant Professor (Rush)
 WOJNIAK, FRANK, M.D., Clinical Assistant Professor (Rush)
 BLUMKLOTZ, BRUNO, M.D., Clinical Associate
 GREENE, LOIS D., M.D., Clinical Associate
 JOHNSTON, KENNETH C., M.D., Clinical Associate in Bronchoesophagology
 LESHIN, NORMAN, M.D., Clinical Associate
 PISZKIEWICZ, FRANK, M.D., Clinical Associate

¹ Also Resident at Research and Educational Hospital and Illinois Eye and Ear Infirmary.

² Also Resident at Research and Educational Hospital.

SATZ, LEO A, M.D., Clinical Associate
 SAVITT, LOUIS, M.D., Clinical Associate
 SINGH, HARKISHEN, M.D., Clinical Associate
 BUCKINGHAM, RICHARD, M.D., Clinical Instructor
 CUTLER, MAX H., M.D., Clinical Instructor
 DUMAS, LENORE R., Clinical Instructor
 ELLIOTT, EDWARD, Instructor in Clinical Speech
 FRASIER, JEANNETTE, Clinical Instructor
 FRIEDMAN, ELMER A., M.D., Clinical Instructor
 HOELTGEN, MAURICE M., M.D., Clinical Instructor
 HORWITZ, IRWIN D., M.D., Clinical Instructor
 LOEWY, ARTHUR, M.D., Clinical Instructor
 McMAHON, ROBERT J., M.D., Clinical Instructor
 MATZKIN, LLOYD L., M.D., Clinical Instructor
 LEIMERT, MARY LAW, Instructor in Clinical Speech
 POLLOCK, FREDERIC J., M.D., Clinical Instructor
 WEIDEMANN, JOHN A., M.D., Clinical Instructor
 SPRINGER, KURT, M.D., Clinical Instructor (Rush)
 TOROK, NICHOLAS, M.D., Clinical Instructor
 GUEMMER, GERALD E., M.D., Clinical Assistant (Rush)
 MAKART, CARL, M.D., Clinical Assistant
 NILES, LEONARD, M.D., Clinical Assistant
 ORRICO, JOSEPH, M.D., Clinical Assistant
 DRAGOVICH, JERRY, M.D., Assistant
 HEMENWAY, WILLIAM G., M.D., Assistant
 KREJCA, FRANK, M.D., Assistant
 MURRAY, MAYNARD, M.D., Assistant
 RICHARDSON, JAMES, M.D., Assistant
 SCHILLER, FILMORE, M.D., Assistant
 SILLS, ROBERT, M.D., Assistant
 WEISMAN, EDWARD, M.D., Assistant

Pathology

HASS, GEORGE M., M.D., Professor (Rush)
 WEINMANN, JOSEPH P., M.D., Professor of Oral Pathology
 CAHN-BRONNER, CHARLES E., M.D., Professorial Lecturer
 KING, LESTER S., M.D., Clinical Associate Professor
 GRIMM, HAROLD A., M.D., Clinical Assistant Professor
 HIRSCH, FRANZ E., M.D., Lecturer, with rank of Clinical Assistant Professor
 KEARNS, JERRY J., M.D., Clinical Assistant Professor
 LEARNER, AARON, M.D., Clinical Assistant Professor
 MACFATE, ROBERT P., Ph.D., Lecturer, with rank of Clinical Assistant Professor
 MASON, COYE C., M.D., Clinical Assistant Professor
 PIRANI, CONRAD L., M.D., Clinical Assistant Professor
 RAGINS, ALEX B., M.D., Clinical Assistant Professor
 THOMPSON, JAMES R., M.D., Clinical Assistant Professor
 MULLANEY, JAMES T., LL.B., Lecturer, with rank of Assistant Professor
 PARMACEK, LOUIS, M.D., Clinical Associate
 ASHLEY, CHARLES A., M.D., Instructor (Rush)
 BROWN, H. IVAN, M.D., Clinical Instructor
 DENKO, JOHN V., M.D., Clinical Instructor
 FISHER, BEN, M.D., Clinical Instructor
 HOFFMAN, ROBERT V., M.D., Instructor (one year from 7-1-51)¹
 MALONEY, JOHN E., M.D., Clinical Instructor
 SCHWEITZER, ALBERT W., M.D., Instructor (Rush)
 VAWTER, GORDON F., M.D., Instructor (also Experimental Pathologist in Aero-medical and Physical Environment Laboratory)
 WILSON, HUGH, M.D., Clinical Instructor

¹ Also Resident at Research and Educational Hospital.

ANDRESEN, RICHARD H., M.D., Instructor (Rush)
 SAULYS, AUGUSTA Z., M.D., Assistant (one year from 7-1-51)¹
 SLOMINSKI, MIMI D., M.D., Assistant (one year from 7-1-51)¹
 ZIENTEK, RALPH J., M.D., Assistant (one year from 7-1-51)¹

Pediatrics

GRULEE, CLIFFORD, A.M., LL.D., M.D., Clinical Professor (Rush), *Emeritus*
 HOYNE, ARCHIBALD L., A.B., B.S., M.D., Clinical Professor (Rush), *Emeritus*
 MCCULLOCH, HUGH, M.D., Lecturer, with rank of Professor
 BRONSTEIN, I. PAT, M.D., Clinical Associate Professor
 BUTLER, CRAIG D., B.S., M.D., Clinical Associate Professor (Rush)
 SANFORD, HEYWORTH N., B.S., M.D., Clinical Professor (Rush)
 STULIK, CHARLES K., Ph.G., Ph.C., B.S., M.D., Clinical Associate Professor (Rush)
 BOHNING, ANNE, A.B., M.D., Clinical Assistant Professor (Rush)
 BOWER, LESTER E., M.D., Clinical Assistant Professor
 CHRISTOPHERSON, E. H., M.D., Clinical Assistant Professor
 CLINE, GERALD M., M.D., Clinical Assistant Professor
 CRAWFORD, WOODRUFF L., M.D., Clinical Assistant Professor
 GASUL, BENJAMIN M., M.S., M.D., Clinical Assistant Professor
 HALPERN, LOUIS J., B.S., M.D., Clinical Assistant Professor
 HARRISON, C. JACK, M.D., Clinical Assistant Professor (Rush)
 HOFFMAN, SAMUEL J., B.S., M.D., Clinical Assistant Professor
 KAGAN, BENJAMIN M., A.B., M.D., Clinical Assistant Professor
 LEICHENGER, HARRY, B.S., M.D., Clinical Assistant Professor
 LEVINSON, SIDNEY O., B.S., M.D., Clinical Assistant Professor
 PACHMAN, DANIEL J., Clinical Assistant Professor
 SALTIEL, THOMAS P., B.S., M.D., Clinical Assistant Professor
 SHAW, NOEL G., A.B., M.D., Clinical Assistant Professor (Rush)
 LEWISON, MATTHEW, B.S., M.D., Clinical Associate (Rush)
 BARATZ, J. JOSEPH, B.S., M.D., Clinical Instructor
 BRESLOW, LAWRENCE, A.B., M.D., Clinical Instructor
 DESSERT, ROBERT A., B.S., M.D., Clinical Instructor
 DAMMERS, WARREN R., B.M., M.D., Instructor (Rush)
 DITKOWSKY, SOL, M.D., Clinical Instructor
 KOSTALEK, MARY E., B.S., M.D., Clinical Instructor (Rush)
 LANDER, HERMAN B., M.D., Clinical Instructor
 NOLAN, KENNETH, M.D., Clinical Instructor
 PARKER, HOMER S., B.S., M.D., Clinical Instructor (Rush)
 RICHTER, IRVING B., B.S., M.D., Clinical Instructor
 SHMIGELSKY, IRENE, M.D., Clinical Instructor (Rush)
 STEIN, ALBERT F., B.S., M.D., Clinical Instructor
 WELFORD, NORMAN T., M.D., Clinical Instructor (Rush)
 WOLF, ABRAHAM A., B.S., M.D., Clinical Instructor
 DARROW, RUTH, A.B., M.D., Clinical Assistant (Rush)
 JACKSON, MILDRED R., M.S., M.D., Clinical Assistant
 LERNER, ISADORE, M.D., Clinical Assistant
 MARINO, JOHN J., M.D., Clinical Assistant (Rush)
 NAGEL, HARRY T., M.D., Clinical Assistant (Rush)
 DAY, LEWIS R., A.B., M.D., Clinical Assistant (Rush)
 DIETER, DOROTHY R., M.D., Clinical Assistant
 EDDY, EVELYN, M.D., Assistant
 LIPTON, EARL, B.S., M.D., Assistant
 WIESE, JOHN L., M.D., Clinical Assistant (Rush)

Pharmacology

SCHIFFRIN, MILTON J., Ph.D., Lecturer, with rank of Assistant Professor

¹ Also Resident at Research and Educational Hospital.

Physiology

DARROW, CHESTER W., Ph.D., Associate Professor
CRANDALL, LATHAN A., JR., Ph.D., M.D., Lecturer, with rank of Professor
HOFFMAN, WILLIAM S., Ph.D., M.D., Lecturer, with rank of Professor
BARNES, BRODA O., Ph.D., M.D., Lecturer, with rank of Associate Professor

Preventive Medicine

LEPPER, MARK H., M.D., Clinical Associate Professor
HULL, THOMAS G., Ph.D., Clinical Assistant Professor

Psychiatry

BAILEY, PERCIVAL, M.D., Clinical Professor
GERARD, MARGARET, M.D., Lecturer, with rank of Professor
GRINKER, ROY, M.D., Clinical Professor
HAMILL, RALPH C., M.D., Clinical Professor (Rush), *Emeritus*
BRAUDE, MORRIS, M.D., Clinical Associate Professor (Rush), *Emeritus*
HOFFMAN, HARRY R., M.D., Clinical Associate Professor (Rush)
LOW, ABRAHAM A., M.D., Clinical Associate Professor
MOHR, GEORGE J., M.D., Clinical Associate Professor (Rush)
MORRISON, DONALD A., M.D., Clinical Associate Professor (Rush)
SOLOMON, ALFRED P., M.D., Clinical Associate Professor
FLEMING, JOAN, M.D., Clinical Assistant Professor (Rush)
LEWIS, HARVEY, M.D., Clinical Assistant Professor
LIEBMAN, SAMUEL, M.D., Clinical Assistant Professor
MCMILLAN, ROBERT G., M.D., Clinical Assistant Professor
MEEHAN, MARJORIE, M.D., Clinical Assistant Professor (Rush)
NOVICK, RUDOLPH, M.D., Clinical Assistant Professor
PASCHKES, ERICH, M.D., Clinical Assistant Professor
PASKIND, JACOB, M.D., Clinical Assistant Professor
PERKINS, GEORGE, M.D., Assistant Professor
SLOMAN, SOPHIE S., M.D., Clinical Assistant Professor
SONENTHAL, ISRAEL R., M.D., Clinical Assistant Professor
STEED, DAVID W., M.D., Clinical Assistant Professor
TALBOTT, RALPH, M.D., Clinical Assistant Professor (Rush)
VICTOR, SAMUEL, M.D., Clinical Assistant Professor
WEATHERLY, HOWARD E., M.D., Clinical Assistant Professor
WEINBERG, JACK, M.D., Clinical Assistant Professor
WEISDORF, WILLIAM, M.D., Clinical Assistant Professor
ALTSCHUL, SOL, M.D., Clinical Instructor
BERNSTEIN, MYRTLE L., M.D., Clinical Instructor
BLOCK, BERNARD, M.D., Clinical Instructor
COOKE, PAULINE M., M.D., Clinical Instructor
EVANS, FRANK, M.D., Clinical Instructor
GALVIN, JAMES, M.D., Clinical Instructor
GELPERIN, JULES, M.D., Clinical Instructor
HARMAN, DAVID S., M.D., Clinical Instructor
HAUG, ELSIE, M.D., Clinical Instructor
HOLLENDER, MARC H., M.D., Clinical Instructor
NORMAN, EDWARD C., M.D., Clinical Instructor
ROSENTHAL, MORRIS M., M.D., Clinical Instructor
SCHLAGETER, CHARLES, M.D., Clinical Instructor
SEGENREICH, HARRY, M.D., Clinical Instructor
TEPLITZ, ZELDA, M.D., Clinical Instructor
LORIMER, FRANK, M.D., Research Assistant
BROLLEY, MARIA, M.S., M.D., Assistant
LEVINE, ROBERT, M.D., Assistant
MILLER, JAMES, M.D., Assistant
ROBERTSON, ROBERT, M.D., Assistant
SELESNICK, SHELDON, M.D., Assistant
WALLS, BRUCE, M.D., Assistant

Public Health

PISZCZEK, EDWARD A., M.D., Associate Professor
 KLASSEN, CLARENCE W., B.S., Assistant Professor
 MCDANIELS, HERBERT E., Ph.D., Assistant Professor
 MORSE, KENNETH M., M.S., Assistant Professor
 DOVE, W. FRANKLIN, Ph.D., Research Associate

Radiology

SQUIRE, FAY H., M.D., Clinical Professor (Rush)
 BEILIN, DAVID S., M.D., Clinical Associate Professor
 BRAUN, BENJAMIN D., M.D., Clinical Assistant Professor
 CLARK, JOHN W., M.D., Clinical Assistant Professor (Rush)
 LEADER, SAMUEL A., M.D., Clinical Assistant Professor
 SLOBODIN, HARRY, M.D., Clinical Assistant Professor
 WILSON, AUDREY L., M.D., Clinical Assistant Professor
 CLARK, CARL E., M.D., Clinical Instructor
 HEWITT, JOHN M., M.D., Instructor (Rush)¹
 IRISH, KEITH R., M.D., Clinical Instructor
 JUDY, WILLIAM S., M.D., Instructor²
 PANTONE, ANTON M., M.D., Clinical Instructor
 STARKMAN, NATHAN, M.D., Clinical Instructor
 ANDERSON, JOHN R., M.D., Assistant²
 FRANCKE, PAUL, JR., M.D., Assistant (Rush)¹
 FRANCKE, WALTER, M.D., Assistant (Rush)¹
 GARRISON, HUGH, M.D., Assistant²
 SMITH, VICTOR H., M.D., Assistant²
 WATSON, JOHN S., M.D., Assistant²
 LANGER, SEYMOUR S., M.D., Assistant²

Surgery

DAVID, VERNON C., A.B., M.D., Professor (Rush), *Emeritus*
 MCARTHUR, SELIM W., Ph.B., M.D., Clinical Professor, *Emeritus*
 PERCY, NELSON M., M.D., Professor, *Emeritus*
 SPEED, KELLOGG, B.S., M.D., Clinical Professor (Rush), *Emeritus*
 BAKER, HILLIER L., B.S., M.D., Clinical Professor (Rush)
 BAMBERGER, ARRIE, B.S., M.D., Clinical Professor
 MILLER, EDWIN M., A.B., M.D., Clinical Professor (Rush)
 NADEAU, OSCAR E., B.S., M.D., Clinical Professor
 STRAUS, FRANCIS H., M.D., Clinical Professor (Rush)
 FELL, EGBERT H., A.B., M.D., Clinical Associate Professor (Rush)
 GILCHRIST, RICHARD K., B.S., M.D., Clinical Associate Professor (Rush)
 GREELEY, PAUL W., A.B., M.D., Clinical Associate Professor
 GUY, CHESTER C., B.S., M.D., Clinical Associate Professor
 HAZLETT, WILLIAM H., M.D., Clinical Associate Professor
 JENKINS, HILGER P., B.S., M.D., Clinical Associate Professor
 JIRKA, FRANK J., M.D., Clinical Associate Professor
 JOANNIDES, MINAS, M.S., M.D., Clinical Associate Professor
 KOUCKY, JOHN D., M.S., M.D., Clinical Associate Professor
 LAWTON, STANLEY E., Clinical Associate Professor (Rush)
 LYON, WILL F., A.B., M.D., Clinical Associate Professor
 MCMILLAN, FOSTER L., B.S., M.D., Clinical Associate Professor
 ODEN, RUDOLPH J. E., A.B., M.D., Associate Professor, *Emeritus*
 PARKER, MORRIS L., B.S., M.D., Clinical Associate Professor
 SCHULTZ, LOUIS W., B.S., D.D.S., M.D., Clinical Associate Professor of Oral
 Surgery
 SCUDERI, CARLO S., Ph.D., M.D., Clinical Associate Professor
 SEED, LINDON, M.S., M.D., Clinical Associate Professor

¹ Also Resident at Presbyterian Hospital.

² Also Resident at Research and Educational Hospital.

SPIVACK, JULIUS L., LL.D., M.D., Clinical Associate Professor
 STROHL, EVERETT L., M.S., M.D., Clinical Associate Professor
 VAN PROHASKA, JOHN, B.S., M.D., Clinical Associate Professor
 THOREK, PHILIP, B.S., M.D., Clinical Associate Professor
 ALMQUIST, CARL O., B.S., M.D., Clinical Assistant Professor
 BRANCH, CHARLES D., A.B., M.D., Clinical Assistant Professor
 BROWN, C. DAVID, B.S., M.D., Clinical Assistant Professor
 DAVIS, CARL B., JR., A.B., M.D., Clinical Assistant Professor (Rush)
 DIFFENBAUGH, WILLIS G., B.S., M.D., Clinical Assistant Professor
 DIGGS, ARTHUR E., A.B., M.D., Clinical Assistant Professor (Rush)
 GARSIDE, EARL, M.S., M.D., Clinical Assistant Professor
 GREEN, RAYMOND, B.S., M.D., Clinical Assistant Professor
 MEYER, HAROLD I., M.S., M.D., Clinical Assistant Professor
 MONROE, CLARENCE, B.S., M.D., Clinical Assistant Professor (Rush)
 OLWIN, JOHN, A.B., M.D., Clinical Assistant Professor (Rush)
 PICK, JOHN F., B.S., M.D., Clinical Assistant Professor
 ROTH, HAROLD A., B.S., M.D., Clinical Assistant Professor
 SARNAT, BERNARD G., M.S., D.D.S., M.D., Clinical Assistant Professor
 SHAMBAUGH, PHILIP, A.B., M.D., Clinical Assistant Professor
 THEIS, FRANK V., B.S., M.D., Clinical Assistant Professor (Rush)
 MISHKIN, HERMAN L., B.S., M.D., Clinical Associate
 AUTEN, DONALD S., B.S., M.D., Clinical Instructor
 DEPEYSTER, FREDERIC A., A.B., M.D., Clinical Instructor (Rush)
 EASTMAN, WARD, B.S., M.D., Clinical Instructor
 EVERSON, TILDEN C., Ph.D., M.D., Clinical Instructor
 FOWLER, EDSON F., B.M., M.S., M.D., Clinical Instructor
 GROVE, WILLIAM J., M.S., M.D., Instructor
 HANSELMAN, RUSSELL C., Ph.D., M.D., Clinical Instructor (Rush)
 HANSON, JOHN O., B.S., M.D., Clinical Instructor
 HARDT, HARRY G., JR., B.S., M.D., Clinical Instructor
 JENSİK, ROBERT J., M.S., M.D., Clinical Instructor
 KOSTRUBULA, JOSEPH G., B.S., D.D.S., M.D.S., M.D., Clinical Instructor
 LOOBY, WILLIAM E., B.S., M.D., Clinical Instructor
 MEYER, ROBERT P., B.S., M.D., Instructor (Rush)
 ORNDORFF, JOHN R., B.M., M.S., M.D., Clinical Instructor
 SCHREY, EDWARD L., B.S., M.D., Clinical Instructor
 SOUTHWICK, HARRY, B.S., M.D., Instructor
 WERELIUS, CARL Y., B.S., M.D., Clinical Instructor
 PAPIERNIAK, FRANK B., M.D., Clinical Instructor (Rush)
 CHUN, N., M.D., Assistant (Rush) (one year from 7-1-51)
 CONDIT, LEONARD O., M.D., Assistant (Rush) (one year from 7-1-51)
 CROSS, JAMES H., A.B., M.D., Clinical Assistant
 ECONOMOU, STEVEN G., A.B., M.D., Assistant (Rush) (one year from 7-1-51)
 EHRLICH, ROBERT W., B.S., M.D., Assistant (Rush)
 HAMLIN, HOWARD M., A.B., B.S., M.D., Clinical Assistant (Rush)
 JAVID, HUSHANG, M.D., Assistant
 HAMILTON, SAMUEL L., B.S., M.D., Assistant (one year from 7-1-51)
 JOHNSTON, ROBERT J., B.S., M.D., Assistant
 KELLY, ALEXANDER P., M.D., Clinical Assistant
 LAWS, JOHN F., B.S., M.D., Assistant (one year from 7-1-51)
 LINKE, CHARLES A., B.S., M.D., Assistant (one year from 7-1-51)
 MAIRE, LEWIS E., B.S., M.D., Assistant (Rush) (one year from 7-1-51)
 MOSSEY, RICHARD O., M.D., Assistant (Rush)
 O'KANE, CALVIN R., M.D., Assistant (Rush)
 RAINEY, ROBERT, B.S., M.D., Assistant (Rush) (one year from 7-1-51)
 TREMAINE, MYRON J., B.M., M.S., M.D., Clinical Assistant
 NARAT, JOSEPH K., M.D., Research Assistant
 OLIVER, JAMES V., B.S., M.D., Research Assistant

Division of Urology

KRETSCHMER, HERMAN L., Ph.G., M.D., Professor (Rush), *Emeritus*
 HECKEL, NORRIS J., A.B., M.D., Clinical Professor (Rush)
 BUCKMAN, EDWARD, B.S., M.D., Clinical Associate Professor (Rush)

MERRICKS, JAMES W., JR., A.B., B.S., M.D., Clinical Associate Professor (Rush)
 BAUMRUCKER, GEORGE O., B.S., M.D., Clinical Assistant Professor
 COTTRELL, THOMAS, M.D., Clinical Assistant Professor (Rush)
 RITCH, COLQUITT O., B.S., M.D., Clinical Assistant Professor
 RUDNICK, DORRIN F., B.S., M.D., Clinical Assistant Professor
 SCHACHT, FREDERICK, B.S., M.D., Clinical Assistant Professor
 DRABANSKI, JOSEPH S., B.S., M.D., Clinical Associate
 COTTRELL, THOMAS L. C., JR., B.S., M.D., Instructor (Rush) (one year from 7-1-51)
 GAINES, REUBEN B., A.B., M.D., Clinical Instructor (Rush)
 McDONALD, JAMES H., B.S., M.D., Clinical Instructor (Rush)
 CHAU, SEK-HONG, M.D., Assistant (Rush) (one year from 7-1-51)
 HADDAD, FARID S., A.B., M.D., Assistant (Rush) (one year from 7-1-51)

Division of Anesthesia

LYONS, MARY M., M.D., Clinical Associate Professor (Rush)
 ANDERSON, CHARLES D., B.S., M.D., Clinical Associate Professor (Rush)
 CURRY, GORDON W., B.S., M.D., Clinical Assistant Professor (Rush)
 GITTelson, LLOYD A., M.S., M.D., Clinical Assistant Professor
 KRETSCHMER, HENRY E., M.S., M.D., Clinical Assistant Professor
 HALL, BETTY TAYLOR, B.S., B.M., M.D., Clinical Instructor (Rush)
 HECKEL, EILEEN, M.D., Clinical Instructor (Rush)
 ROBERTS, GEORGE, A.B., B.S., M.D., Clinical Instructor (Rush)
 RODRIGUEZ, DOUGLAS D., B.S., M.D., Clinical Instructor (Rush)
 STAFFORD, WILMA C., B.S., M.D., Clinical Instructor (Rush)
 BAYAR, C., M.D., Assistant (Rush) (one year from 7-1-51)
 DELIRA, JIMENEZ RUBEN, B.S., M.D., Assistant (Rush) (one year from 7-1-51)
 KAHAN, PAUL, B.S., M.D., Assistant (one year from 7-1-51)
 KOWALSKI, LEONARD F., M.D., Assistant (one year from 7-1-51)
 LOPEZ, ROBERTO G., M.D., Assistant (one year from 7-1-51)
 MARTIN, JOSE, M.D., Assistant (Rush) (one year from 7-1-51)
 SEN, ARUN K., A.B., I.Sc., M.D., Assistant
 SAULYS, VACLOVAS, M.D., Assistant (one year from 7-1-51)
 SHIFRIN, RICHARD, B.S., M.D., Assistant (one year from 7-1-51)
 TENNANT, MAURICE M., B.S., M.D., Assistant (one year from 7-1-51)

On motion of Mr. Grange, these appointments were approved.

DEANSHIP OF THE GRADUATE COLLEGE

(4) Dean Louis N. Ridenour, who has been serving as Dean of the Graduate College and Professor of Physics since 1947, has submitted his resignation from the staff of the University of Illinois stating, "As you know, only the necessity of finding a more favorable climate for my younger daughter, who is ill, has persuaded me I must leave the University. I sincerely regret this necessity, but I feel I cannot evade it."

I have reluctantly accepted his resignation, effective September 1, 1951, and have appointed Professor F. T. Wall of the Department of Chemistry as Acting Dean of the Graduate College for the academic year beginning September 1, 1951, at a salary of \$11,800.

Confirmation of these actions is requested.

Professor Wall will also continue to serve as Chairman of the University Research Board. He served as Acting Chairman during the 1950-1951 academic year while Dean Ridenour was on leave of absence.

On motion of Mr. Nickell, the actions of the President were approved.

EXTENSION OF LEAVE OF ABSENCE FOR PROFESSOR F. W. LOOMIS

(5) Professor F. Wheeler Loomis, Head of the Department of Physics, who has been on leave of absence without pay since March 1, 1951, for services at the Massachusetts Institute of Technology as director of an important national defense project, has requested an extension of his leave of absence.

I recommend that he be continued on leave of absence without pay during the academic year 1951-1952. I recommend also that Professor G. M. Almy of the Department, who has been serving as Acting Head during the absence of Professor

Loomis, be reappointed as Acting Head for the academic year 1951-1952 and that he be paid additional compensation of \$1,000 for such services.

On motion of Mr. Grange, these recommendations were approved.

REINSTATEMENT OF SABBATICAL LEAVE OF ABSENCE FOR PROFESSOR THOMAS E. BENNER

(6) Professor Thomas E. Benner of the College of Education was granted sabbatical leave of absence on one-half salary for the second semester of 1950-1951 so that he could undertake an assignment for the United States and the United Nations on an educational mission to Korea. Plans for utilization of his services did not materialize and he subsequently withdrew his request. His leave was canceled without prejudice to any future application.

Professor Benner has now requested sabbatical leave of absence on one-half pay for the first semester of 1951-1952 so that he may serve as an educational consultant in Korea. He has been on the faculty for twenty years and has never had a sabbatical leave of absence. He is eligible for leave either with full or one-half pay. In view of the previous authorization by the Board, I have approved this sabbatical leave of absence for the first semester of 1951-1952 on one-half pay.

On motion of Mr. Herrick, the action of the President was approved.

COLLEGE ADVISORY COMMITTEES IN AGRICULTURE

(7) The Dean of the College of Agriculture recommends the following appointments to advisory committees for the College of Agriculture and the Agricultural Experiment Station effective September 1, 1951, for the terms indicated. New members are indicated by an asterisk.

I concur and recommend appointment of these men to the Citizens Committee according to the practice of including all college advisory committees in the membership of the general committee.

Agricultural Economics

- *CURT E. ECKERT, R.R. 1, Belleville, (3 years)
- EARL M. HUGHES, Woodstock (2 years)
- ERNEST D. LAWRENCE, Danvers (2 years)
- JOHN P. HANNA, Geneseo (1 year)
- FRED E. HERNDON, Illinois Farm Supply, 100 East High Street, Chicago 5 (1 year)

Agricultural Engineering

- *JOHN O. KUHN, JR., R.F.D., Streator (3 years)
- GILBERT W. BROWN, R.R. 3, Geneseo (2 years)
- *K. T. SMITH, Greenfield (2 years)
- W. H. BEAUMAN, Tunnel Hill (1 year)
- T. J. SHAMBAUGH, JR., Oakley (1 year)

Agronomy (Farm Crops)

- *EMIL F. HAUDRICH, Haudrich Hybrid Corn Co., 210 East Washington Street, Belleville (3 years)
- J. R. HOLBERT, Funk Brothers Seed Company, Bloomington (3 years)

- *W. W. McLAUGHLIN, Citizens National Bank, Decatur 30 (3 years)
- J. R. HUEY, Moews Seed Company, Granville (2 years)
- ROY BURRUS, Burrus Brothers and Associated Growers, Arenzville (1 year)

Agronomy (Soils)

- *WILLIAM RUSHTON, R.R. 2, Minooka (2 years)
- CHARLES B. SHUMAN, Illinois Agricultural Association, 43 East Ohio Street, Chicago 11 (2 years)
- MARION FINLEY, Meadowbrook Farm, Hoopeston (1 year)
- WALTER NEWLIN, Casey (1 year)

Animal Science

- J. R. FULKERSON, Fulkerson Farms, Jerseyville (Honorary Lifetime Member)
- *TREVOR L. JONES, CIMCO Farms, Havana (3 years)
- *ALBERT WEBB, Ewing (3 years)
- A. K. HOHENBOKEN, Geneseo (2 years)
- J. C. McLEAN, 622 Hampshire Street, Quincy (2 years)
- L. E. MATHERS, Leveldale Farms, Mason City (1 year)

Dairy Science

- *GEORGE BEUTEL, Mokena (3 years)
- W. J. SAWYER, Gurnee (3 years)
- CHESTER J. McCORD, Locust Knoll Farm, Newton (2 years)
- *OLIVER SPITZE, R.R. 4, Edwardsville (2 years)
- O. M. BURTON, Burton Lane Farm, Box 552, Lake Forest (1 year)

Forestry

- MRS. C. PHILLIP MILLER, 5757 Kimbark Avenue, Chicago 37 (3 years)
- HOWARD M. McDONALD, Trivoli (2 years)
- L. A. ABBOTT, The Pines, R.R. 1, Morrison (1 year)

Horticulture (Vegetable and Fruit Crops)

- *HARVEY B. HARTLINE, 302 West Walnut, Carbondale (3 years)
- *LESTER R. STONE, R.R. 1, Box 349, Moline (3 years)
- *MILES W. BRYANT, Bryant's Nurseries, Princeton (2 years)
- *GEORGE POWELL, 5715 Collinsville Road (R.F.D. 3), East St. Louis (2 years)
- L. A. KORITZ, Rochelle (1 year)

Horticulture (Floriculture)

- *E. R. DRAMM, 601 South York Street, Elmhurst (3 years)
- *J. A. STAACK, Julius Staack Sons, 2702 Sixth Avenue, Moline (3 years)
- W. G. LOVERIDGE, 1021 Wisconsin, Peoria (2 years)
- P. A. WASHBURN, 318 North Main Street, Bloomington (2 years)
- JAMES SYKORA, Amling Company, 1433 South Wabash, Chicago 5 (1 year)

General Committee

- ERNEST D. LAWRENCE, Agricultural Economics (2 years)
- CHESTER J. McCORD, Dairy Science (2 years)
- HOWARD M. McDONALD, Forestry (2 years)
- CHARLES B. SHUMAN, Agronomy (2 years)
- L. E. MATHERS, Animal Science (1 year)
- T. J. SHAMBAUGH, JR., Agricultural Engineering (1 year)
- JAMES SYKORA, Horticulture (1 year)

On motion of Mrs. Holt, these appointments were approved as recommended.

COLLEGE ADVISORY COMMITTEE IN VETERINARY MEDICINE

(8) The Dean of the College of Veterinary Medicine recommends the following appointments to the advisory committee for the College of Veterinary Medicine effective September 1, 1951, for the terms indicated. New members are indicated by an asterisk.

I concur and recommend appointment of these men to the Citizens Committee according to the practice of including all college advisory committees in the membership of the general committee.

- Dr. C. E. DILLE, Cairo (1 year)
- Mr. WAYNE DINSMORE, Chicago (1 year)
- Dr. J. B. JAFFRAY, Chicago (1 year)
- Dr. A. A. LEGNER, Sandwich (1 year)
- Dr. R. A. THOMPSON, Clinton (1 year)
- Dr. H. P. WESSELS, Geneva (1 year)
- *Dr. WARREN E. AMLING, Pana (3 years)
- *Dr. L. A. DYKSTRA, Aurora (3 years)
- *Dr. C. A. LEMEN, Warrensburg (3 years)
- Mr. OSCAR LINN, Canton (3 years)
- Mr. R. V. MCKEE, Varna (3 years)
- *Dr. ARTHUR M. ORUM, Carthage (3 years)

On motion of Mrs. Watkins, these appointments were approved as recommended.

ADVISORY COMMITTEE FOR INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

(9) The Acting Director of the Institute of Labor and Industrial Relations recommends the reappointment for terms of three years of the following as members of the Institute's advisory committee: John E. Cassidy, representing the pub-

lic; Clinton Bush, representing labor; and G. W. Hoelscher, representing management.

These three members were appointed to the committee for two-year terms in July, 1949, when the present rotation plan was adopted. They were originally appointed to the committee in 1947.

To fill the vacancy on the advisory committee of the Institute of Labor and Industrial Relations created by the resignation of Mr. Wayne A. Johnston when he became a member of the Board of Trustees of the University, the Acting Director recommends the appointment of Mr. John McCaffrey, 180 North Michigan Avenue, Chicago. This will be for the period of Mr. Johnston's term, 1950-1953.

I concur.

On motion of Mr. Johnston, these appointments were approved as recommended.

RELEASE OF PATENTABLE DISCOVERY

(10) Professor I. C. Gunsalus of the Department of Bacteriology reports that in the course of his researches during the past several years, both at the University of Illinois and elsewhere, he has isolated a new B vitamin, the value of which has not been established. He has asked whether or not the University desires to seek patent protection.

This discovery, like numerous others which result from research in the biological and chemical sciences, is the sort that requires additional research in related fields to make the results useful. The University is not set up to carry on such additional researches unless additional funds are forthcoming from some other source. Accordingly, the Head of the Department of Bacteriology and the University Research Board recommend that the discovery be released to Professor Gunsalus to deal with as he chooses. In the opinion of the Board the cost of securing a patent would exceed any probable income.

I concur.

On motion of Mrs. Holt, this recommendation was approved.

REAPPROPRIATION OF UNEXPENDED BALANCES AT JUNE 30, 1951

(11) The Comptroller recommends that balances in appropriations made by the Board of Trustees for the fiscal year 1950-1951 which were encumbered by purchase or contractual agreements on June 30, 1951, be reappropriated for the fiscal year 1951-1952 to meet these obligations.

In addition, the Comptroller recommends that the following unencumbered balances in appropriations for services and projects not completed on June 30, 1951, be reappropriated for the fiscal year beginning July 1, 1951.

I concur.

Urbana-Champaign

Nonacademic Personnel.....	\$ 528
Legal Counsel.....	2 465
Student Counseling Bureau.....	96
Surplus equipment.....	1 543
Community master plan.....	1 660
Health Service special equipment.....	1 628
Honors Day special equipment.....	14
University stylebook.....	2 700
French.....	40
Mathematics.....	125
Aviation psychology.....	1 054
Bacteriology special equipment.....	7 400
Biological Sciences machine equipment.....	1 651
Botany special equipment.....	262
Entomology special equipment.....	627
Geography special equipment.....	1 050
Geography storeroom.....	201
Mathematics special equipment.....	3 500
North Greenhouse alteration.....	20
Physiology special equipment.....	389

Psychology special equipment.....	I 058
Sociology and Anthropology special equipment.....	556
Zoology special equipment.....	5 964
Agricultural Engineering special equipment.....	69
Agriculture car replacements.....	65
Agriculture special equipment.....	203
Agronomy biology laboratory remodeling.....	4 281
Agronomy special equipment.....	458
Animal Science special equipment.....	I 399
Crop Storage building.....	I 071
Dairy Science barn remodeling.....	8 600
Dixon Springs building.....	3 746
Feed lot improvements.....	I 974
Fencing agricultural farms.....	688
Home Economics special equipment.....	208
Horticulture Field Laboratory special equipment.....	I 566
Horticulture laboratory remodeling.....	273
Horticulture plant breeding greenhouse.....	685
Engineering administration college.....	608
Electrical Engineering college.....	I 074
General Engineering Drawing college.....	221
Mining and Metallurgical Engineering college.....	I 279
Physics college.....	612
Physics special expense and equipment.....	I 975
Theoretical and Applied Mechanics college.....	I 652
Ceramic Engineering station.....	53
Mechanical Engineering station.....	152
Physics station.....	I 203
Theoretical and Applied Mechanics station.....	359
Engineering administration station remodeling.....	3 800
Electrical Engineering classroom seats.....	443
Hydraulic Engineering laboratory remodeling.....	278
Mechanical Engineering equipment installation.....	799
Mining and Metallurgical Engineering service laboratory.....	14 000
Mining and Metallurgical Engineering special equipment.....	18 700
Physics special equipment.....	109
Physics special machine tools.....	6 216
Sewage plant research.....	I 679
Physics—Almy.....	42
Plant Pathology—Gottlieb.....	65
Ultracentrifuge—Ray.....	45
Commerce special equipment.....	441
University High School.....	I 498
Education special equipment.....	177
Architecture.....	248
Art.....	217
School of Music.....	I 860
Art special equipment.....	38
Music special equipment.....	942
Physical Education for Men special equipment.....	210
Physical Education for Women special equipment.....	650
Veterinary Medicine administration.....	282
Library School.....	182
Wired wireless.....	2 500
Visual Communications.....	355
Institute of Government and Public Affairs.....	51
Institute of Labor and Industrial Relations.....	I 264
Social Welfare Administration.....	138
Airport improvements.....	29 263
Armed Forces remodeling.....	2 200
Division of Communications equipment center special equipment.....	2 740
Institute of Government and Public Affairs special equipment.....	124
Journalism and Communications television tower.....	I 282

Television transmitter	9	500
Robert Allerton Park fire protection equipment	6	600
Robert Allerton Park remodeling and equipment	11	851
Library	5	558
Physical Plant operation and maintenance	8	763
Renewals and replacements	142	959
Minor improvements	7	411
Agricultural Engineering Laboratory—fire protection	37	750
Animal Sciences Laboratory astronomy observatory		383
Architectural services for future buildings		72
Architecture Building alterations		406
Architecture Building improved lighting	1	050
Bevier Hall remodeling	2	698
Changes in administrative offices	72	919
Chemistry water softener		525
Davenport Hall fume hood		527
Davenport Hall safety stairs	7	696
Davenport House health service remodeling	1	251
David Kinley Hall room 226		262
Distilled water facilities		659
Engineering services—fire protection	2	813
Floriculture Building alterations	1	270
Gregory Hall remodeling rooms 200, 201	1	410
Goodwin Avenue extension and parking	11	306
Gymnasium Annex remodeling	5	911
Harker Hall remodeling rooms 104, 106	4	101
Horticulture Field Laboratory and Dairy Manufactures Building remodeling		667
Huff Gymnasium improvements	4	225
Illini Grove picnic area	2	948
Illini Hall third floor remodeling		229
1206 W. Illinois Street improvements	1	437
Improved street lighting—Champaign	26	325
601 E. John Street remodeling		120
608 S. Mathews Avenue remodeling	1	300
708 S. Mathews Avenue remodeling	7	599
Men's Residence Halls units	7	982
Men's Residence Halls dormitory	223	000
Mining and Metallurgical Laboratory architectural services		2
Mumford Hall library book stacks	1	045
Natural History Building remodeling general		176
Natural History Building remodeling physiology laboratory		739
Natural History Building renovation and ventilation	5	792
Noyes Laboratory general	3	383
Noyes Laboratory library remodeling		16
Noyes Laboratory remodeling bacteriology		833
Noyes Laboratory remodeling third and fourth floors	1	100
Noyes Laboratory renovation and modernization	30	568
Noyes Laboratory safety improvements	8	879
Parking facilities	7	966
Physics Laboratory repowering		132
Radiocarbon Laboratory expansion	7	247
Roof replacements		206
Sanitary sewer South Broadway	2	500
Service Building remodeling	52	408
Stock Pavilion chilling room	10	000
Student and staff housing planning	9	023
Talbot Laboratory remodeling general		467
Talbot Laboratory remodeling room 307		358
University High School lighting improvements		68
1007 S. Wright Street mailing room		2
<i>Total, Urbana-Champaign</i>	<i>(926</i>	<i>236)</i>

Chicago Professional Colleges

Obstetrics and Gynecology	1	149
Pediatrics	2	088
Physical Plant painting	8	000
Rehabilitation of Anatomy lockers		375
Equipment for Animal Hospital		563
Experimental mouse colony equipment	1	190
Public Health calculating machines	2	356
College of Pharmacy kymograph		62
Hospital addressograph equipment	6	712
Coding medical records	1	428
Physical Plant renewals and replacements	19	021
Medical Betatron	1	176
Remodeling Animal Hospital—1121 S. Winchester		227
Architectural service Physical Medicine remodeling	2	500
Medical Center steam plant	54	236
Drug Plant Experiment Station building	4	437
Relocation of equipment units in hospital		310
Signs for parking lots		400
Experimental mouse colony remodeling	2	037
<i>Total Chicago Professional Colleges</i>		<i>(108 267)</i>

Chicago Undergraduate Division

Library book shelves	1	244
<i>Grand Total</i>		<i>\$1 035 747</i>

On motion of Mr. Johnston, these funds were reappropriated by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Hickman, Mr. Megrn, Mr. Stevenson.

APPROPRIATION FOR DEPARTMENT OF CIVIL ENGINEERING

(12) The Dean of the College of Engineering has requested that the house at 501 South Wright Street, Champaign, be converted into office space for use by the structural research laboratory of the Department of Civil Engineering. This will require some remodeling and the purchase of equipment. The Provost recommends that an assignment of \$10,000 for this project be made to the Physical Plant Department from funds budgeted for Nonrecurring Equipment and Remodeling Unassigned.

I concur and recommend that the appropriation be made.

On motion of Mr. Fornof, this appropriation was made by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Hickman, Mr. Megrn, Mr. Stevenson.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(13) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

1. Remodeling in Noyes Laboratory of Chemistry	\$14 700
2. Additional facilities for Army R.O.T.C. at the Chicago Undergraduate Division	10 700
3. Remodeling east wing of the Illini Union Coffee House	9 800
4. Construction in architectural drafting rooms for the College of Fine and Applied Arts	5 500
<i>Total</i>	<i>\$40 700</i>

I recommend that these appropriations be made from the General Reserve Fund.

On motion of Mr. Fornof, these funds were appropriated, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange,

Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Hickman, Mr. Megran, Mr. Stevenson.

APPROPRIATIONS BY THE ATHLETIC ASSOCIATION

(14) The Board of Directors of the Athletic Association have approved the following appropriations:

1. An appropriation of \$2,000 or so much thereof as may be necessary to cover the cost of a Football Band trip to Indiana on October 27, 1951.
2. An appropriation of \$3,000 to the Alumni Association to provide for a portion of the salary of W. H. Rice for services rendered during the year 1950-1951.

These appropriations are submitted to the Board of Trustees for approval.

On motion of Mr. Grange, these appropriations were approved.

PETTY CASH FUND FOR THE DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(15) The Division of Services for Crippled Children must make minor cash expenditures at various locations throughout the state but principally at the Springfield office. To control such expenditures it is desirable to establish a petty cash fund in Springfield to be handled on an imprest cash basis.

Section 50E (1) of the University Statutes provides that such funds in excess of \$1,000 may be established with the approval of the Board of Trustees.

The Director of the Division of Services for Crippled Children and the Comptroller recommend that a petty cash fund in the amount of \$1,200 be established for the Division and that the Springfield Marine Bank be approved as a depository for it. The University Treasurer concurs in the selection of this bank. I concur.

On motion of Mr. Johnston, this recommendation was approved.

SALE OF RESIDENCE PROPERTY

(16) The Director of the Physical Plant and the Comptroller recommend the sale of the residence property at 508 South Ridgeway Avenue, Champaign, to Professor Quincy Howe, the present lessee, at a price of \$23,000. This is in accordance with the policy approved by the Board of Trustees on December 28, 1950, governing the sale of University-owned residence property to staff members.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents to complete this transaction.

On motion of Mrs. Holt, the sale of this property, as recommended, was authorized by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Hickman, Mr. Megran, Mr. Stevenson.

CONTRACT FOR CONSTRUCTION OF SEWAGE TREATMENT AND DISPOSAL SYSTEM AT ROBERT ALLERTON PARK

(17) The necessity for a new sewage disposal system at Robert Allerton Park has been recognized for some time. The buildings of the Park are now serviced only by separate septic tanks. The 4-H Memorial Camp, which is a part of the Agricultural Extension Service and therefore a regular University off-campus program, has only out-of-door facilities.

On the basis of preliminary engineering studies and conferences of University officials with representatives of the 4-H Camp Committee, it was concluded that a project should be developed to cover (a) a treatment and disposal plant adequate to serve both the Park and the Camp and (b) all distribution facilities necessary for the Park, but with the main lines adequate to serve the Camp also. Facilities for the Camp grounds are deferred until such time as funds are available from contributions, since the development of the 4-H Camp has been supported by private contributions.

The Director of Robert Allerton Park, the Provost, and the Comptroller recommend awarding of contracts and assignments of funds as follows for these improvements:

General construction—Oran L. Shoemaker & Company, Champaign.....	\$49 362
Sewers and force main—Ed Harris & Paul Keller, Champaign.....	17 889
This is the second lowest bidder. Herr Brothers, Piper City, Illinois, submitted a low bid of \$17,726 but this firm can not start the work until May, 1952, whereas Harris & Keller are prepared to start within thirty days after awarding of a contract.	
Machinery to be bought on purchase orders on bids already received.....	2 543
Engineering design and supervision.....	4 850
Contingencies.....	356
<i>Total Budget</i>	<i>\$75 000</i>

I recommend that an appropriation of \$75,000 be made from the General Reserve Fund for this work, funds to be assigned as indicated above, and that contracts be awarded as recommended.

At this point the Secretary of the Board presented the following letter received from the Secretary of the Twin City Federation of Labor, Champaign-Urbana, Illinois:

TWIN CITY FEDERATION OF LABOR
CHAMPAIGN-URBANA, ILLINOIS

August 9, 1951

Mr. A. J. Janata, Secretary,
University of Illinois, Board of Trustees,
Administration Building, West,
University of Illinois,
Urbana, Illinois.

DEAR SIR:

The Twin City Federation of Labor protests the action of the University of Illinois Board of Trustees in declaring in an advertisement for bids on construction of a sewage disposal plant at Allerton Park, Monticello, Ill., that "no prevailing wage rates exist" for the territory involved. The advertisement appeared in the August 3, 1951 issue of the *Champaign-Urbana Courier*.

It is the claim of organized labor in Champaign-Urbana, Ill., that this statement is not true. It is contended that the Allerton Park area is in the jurisdiction of Champaign-Urbana, and as such, the prevailing rates of wages paid in Champaign-Urbana also apply to Allerton Park.

Further, the 1951 amendment to the Prevailing Wage Act, State of Illinois, provides for the State Department of Labor to designate the rates to be used as prevailing where no established rate exists.

It is hoped the Board of Trustees will take such action as may be necessary to correct this flagrant disregard of Labor's rights in this instance, and to prevent its recurrence in the future.

Respectfully yours,
TWIN CITY FEDERATION OF LABOR
Orville E. Moore, *Secretary*
1406 North Neil Street,
Champaign, Illinois

The protest in this letter refers to the following statement included in the notice to contractors calling for proposals for the construction of a sewage treatment and disposal plant at Robert Allerton Park, as published in the *Champaign-Urbana Courier* on August 3, 1951:

The Contractor will be required to comply with the provisions of an act entitled, "An Act regulating wages of laborers, mechanics and other workmen employed under contracts for public works," (approved June 26, 1941) Illinois Revised Statutes 1941, Chapter 48, Sections 39L to 39S-12 inclusive and shall pay not less than the general prevailing rate of per diem wages for work of a similar character in the locality in which the work is performed and not less than the

general prevailing rate of per diem wages for legal holiday and overtime work to all laborers, workmen and mechanics engaged in construction work on this project. The owner has made an investigation and has been unable to ascertain the existence at the present time of any prevailing rate of wage for any class of work required to be performed under this proposed contract.

The letter had been referred by the Secretary of the Board to the Director of Nonacademic Personnel and the Legal Counsel for advice. The latter stated that after studying the Act regulating wages of laborers, mechanics, and other workmen employed under contracts for public works, including amendments thereof enacted by the Sixty-seventh General Assembly in 1951, he was unable to find any legal basis for the protest. An exhaustive study was made approximately a year ago by a fact-finding committee on which there were representatives of labor and the University. This Committee reported, under date of July 31, 1950, that rates paid for work in the building trades and crafts in Piatt County, Illinois, are subject to so much variation that it is not possible to establish single rates as prevailing. The Director of Nonacademic Personnel and the Director of Robert Allerton Park have advised the Legal Counsel that, to the best of their knowledge, the situation with respect to rates of wages now prevailing in Piatt County is the same as it was when they conducted their investigation a little over a year ago and that there exists in that county no collective bargaining agreement between an employer and employees covering rates of wages for work of the character of that contemplated by the contract for the construction of sewage facilities at Robert Allerton Park. The amendment referred to in the above letter does not authorize the State Department of Labor "to designate the rates to be used as prevailing where no established rate exists"; the amendment merely authorizes the Department to investigate violations of and to enforce the law. The law defines the geographical areas affected by it but does not recognize such jurisdictional claims as are set forth in the above letter. It was, therefore, mandatory upon the University in complying with the Act to include in the published notice calling for proposals the statement to which the letter from the Twin City Federation of Labor objects.

At the conclusion of this discussion, the Legal Counsel was directed to reply to this letter, explaining the legal position of the University and correcting the misconceptions by calling attention to the differences between the claims in the letter on the one hand and the provisions of the law on the other.

On motion of Mr. Herrick, the contracts were authorized and the appropriation was made, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Hickman, Mr. Megrn, Mr. Stevenson.

CONTRACTS FOR REMODELING IN NOYES LABORATORY

(18) For the past several years the University has been carrying on a program of remodeling in the Noyes Laboratory of Chemistry to reduce fire hazards. This has included the construction of fireproof stairwells at the north and south corner of the west wing to replace the center stairs which constituted a major hazard. The closing of the center stairs has made available additional floor space. The Com-

mittee on Nonrecurring Appropriations has recommended an assignment of funds for remodeling to utilize this space by the construction of a classroom seating thirty-five students on the third floor, a new storeroom on the second floor, and office, storage, and a toilet room on the first floor.

Bids have been taken on this remodeling and the Director of the Physical Plant and the Comptroller recommend award of contracts to the lowest bidders as follows:

General — Clyde E. Gates, Champaign.....	\$14 730
Ventilating — F. R. Inskip and Company, Champaign.....	3 966
Electrical — J. M. Bean Electric and Hardware, Urbana.....	880
Plumbing — Reliable Plumbing and Heating Company, Champaign.....	3 020
Heating — Reliable Plumbing and Heating Company, Champaign.....	2 575

I concur.

On motion of Mr. Nickell, these contracts were authorized.

ELEVATOR FOR ENGINEERING RESEARCH LABORATORY

(19) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$17,957 to the Otis Elevator Company, Chicago, the lowest bidder, for the installation of an elevator in the Engineering Research Laboratory which is being remodeled to house the Control Systems Laboratory.

Funds are available in the appropriations made by the Board for this remodeling.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Herrick, this contract was authorized.

CONTRACT FOR PLASTERING

(20) The Director of the Physical Plant and the Comptroller recommend award of a contract to E. G. Lindsey, Champaign, the lowest bidder, for plastering maintenance work as required on the Champaign-Urbana campus during 1951-1952 as follows:

Percentage added to total cost of labor for Workmen's Compensation, Social Security, and other costs.....	7.0%
Percentage added to total costs for contractor's profit and overhead.....	15.0%

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the contract.

On motion of Mrs. Holt, this contract was authorized.

CONTRACT FOR EXTENSION OF CAMPUS LIGHTING FACILITIES

(21) Completion of the Animal Sciences Laboratory, the Veterinary Medicine Building, and the Goodwin Avenue extension will necessitate additions to campus lighting facilities in these areas.

Approximately 30 per cent of the new lighting needed is in areas west of the Genetics Building, north of the Agricultural Engineering Building, and near the rock gardens north of the Floriculture Building. The cost of the improvements in these areas can be met from funds budgeted for minor improvements for 1951-1952. The cost for the remaining areas can be charged against the state appropriation for the construction of the buildings.

The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$8,775 to the Brunkow Electric Company, Champaign, the lowest bidder, for the installation of additional lighting.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, this contract was authorized.

CONTRACT FOR LANDSCAPING AREAS OF NEW CONSTRUCTION

(22) The construction of the Animal Sciences Laboratory, the Veterinary Medicine Building, and the extension of Goodwin Avenue will require grading and seeding of the campus areas in the vicinity of those buildings. The Physical Plant

Department had planned to defer all landscaping work until the spring of 1952, but construction progress has been better than anticipated so that it is possible to grade and seed a large part of these areas this fall.

Accordingly, on recommendation of the Physical Plant Department and the Comptroller, I authorized the award of a contract for \$4,340 to Irving L. Peterson, landscape architect, for this grading and seeding. It was necessary to award a contract immediately in order to take advantage of the weather and the fall growing season, and I, therefore, authorized this as an emergency.

Eight contractors were invited to bid on drawings and specifications but due to the fact that this is the height of the fall planting season and all landscaping contractors are very busy, Mr. Peterson's was the only bid received. Comparison of his bid with other similar work indicates that it is a reasonable figure and is well within the estimates of cost.

Funds are available for this contract in the appropriation for construction of an extension of Goodwin Avenue.

I request confirmation of this action.

On motion of Mr. Grange, the action of the President was confirmed and the contract was authorized.

PREVAILING RATE OF PER DIEM WAGES APPLICABLE TO CONTRACTS

On motion of Mr. Nickell, wages to be paid all laborers, workmen, and mechanics employed by contractors and subcontractors in the execution of contracts for remodeling in the Noyes Laboratory, the installation of an elevator in the Engineering Research Laboratory, plastering, extension of campus lighting facilities, and landscaping areas of new construction, as awarded above, shall be not less than the rates specified in the following schedules:

<i>Craft</i>	<i>Wage per hour</i>	<i>Craft</i>	<i>Wage per hour</i>
Brickmasons.....	\$3 50	Iron Workers.....	\$2 57½
Building and Common Labor		Lathers.....	2 50
Class A.....	1 85	Mosaic and Terrazzo Workers	2 50
Class B.....	1 70	Painters.....	2 25
Carpenters.....	2 50	Plasterers.....	3 08
Cement Finishers.....	2 67½	Plumbers.....	2 61¼
Electricians.....	2 50	Roofers.....	2 20
Hoisting Engineers		Sheet Metal Workers.....	2 33¾
One drum.....	2 17½	Steamfitters.....	2 61¼
Two drum.....	2 50	Truck Drivers.....	1 75

CONTRACTS FOR DEMOLITION OF BUILDINGS IN MEDICAL CENTER DISTRICT, CHICAGO

(23) The Director of the Physical Plant and the Comptroller recommend award of contracts to:

Loeb Wrecking and Lumber Company, Chicago — For demolition of buildings at 1748-50-52-54-56-58 West Taylor Street and 929-937 South Wood Street.....\$3 900

Speedway Wrecking Company, Chicago — For demolition of buildings at 824, 914, 920, and 924 South Hermitage Avenue..... 3 360

Both are the lowest bidders.

These are old vacant buildings and must be razed to clear the site of the new East Dentistry-Medicine-Pharmacy Building.

Funds are available in the state appropriation for the construction of this building.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

On motion of Mr. Johnston, this contract was authorized. The wages

to be paid all laborers, workmen, and mechanics employed by the contractors and subcontractors in the execution of these two contracts shall be not less than the prevailing rate of wages specified in the following schedule:

**LOEB WRECKING AND LUMBER
COMPANY**

<i>Craft</i>	<i>Wage per hour</i>
Laborer.....	\$1 75
Wrecker.....	2 10

SPEEDWAY WRECKING COMPANY

<i>Craft</i>	<i>Wage per hour</i>
Laborer.....	\$1 75
Wrecker.....	2 10
Burner.....	2 15
Stackman.....	2 45
Concrete Breaker.....	2 27½
Chauffeur (4 Wheel).....	1 90
Chauffeur (6 Wheel).....	2 00
Dozer Operator.....	2 25
Crane and Shovel Operator...	2 85

**CONTRACT FOR PURCHASE OF COAL FOR
CHICAGO HEATING PLANT**

(24) Bids have been taken for the purchase of 18,000 tons of coal screenings to be delivered to the new University of Illinois operated heating plant, 1717 West Taylor Street, Chicago, as required during the period from September 1, 1951, to June 30, 1952.

The Business Manager of the Chicago Departments, the Director of the Physical Plant, and the Comptroller recommend award of a contract to the Silver Creek Coal Company, Chicago, the lowest bidder, for 1¼" coal screenings to be furnished from their mine at a cost of \$4.25 f.o.b. mine, freight \$.72 (net of federal tax), plus \$1.01 handling and delivery; total estimated cost, \$107,640. This price is based on the present wage scale and is subject to increase or decrease in the event that wage contracts now in effect are changed. Any such change will affect the price to the extent that production costs are increased or decreased by the new contracts. The University retains the right of approval of any increase in price.

The lowest bid is determined by the number of British Thermal Units for one cent based on guaranteed analyses. A continuous check is provided to insure compliance with specifications.

The contract is subject to approval by the Governor.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Grange, this contract was authorized.

PURCHASES

Purchases Authorized

(25) The following purchases were authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Electronics component parts	Physics	Allied Radio Corp., Chicago	\$5 145 65
		Newark Electric Co., Chicago	5 657 79 f.o.b. delivered
Three RCA Graphichon C-73-140 tubes	Physics	RCA, Harrison, N.J.	3 000 00 f.o.b. Harrison, N.J.
141,850 resistors, five per cent tolerance, in one-half, one, and two-watt capacity	Physics	Allen-Bradley Co., Milwaukee, Wis.	7 584 05 f.o.b. Milwaukee, Wis.
Three No. C73171 electrostatic barrier grid storage tubes	Physics	RCA, Chicago	3 450 00 f.o.b. Harrison, N.J.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One permanent magnet assembly and mounting magnetized to 3500 gauss \pm 10 per cent including six castings	Chemistry	Indiana Steel Products Co., Valparaiso, Ind.	3 801 16 f.o.b. Valparaiso, Ind.

On motion of Mr. Herrick, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
100,000 sixteen-page examination books	Office Supply Storeroom	C. P. Lesh Paper Co., Indianapolis, Ind.	5029 85 f.o.b. Urbana
250,000 eight-page examination books			
Seven quarterly issues of the <i>Law Forum</i> to be printed and bound	College of Law	Interstate Printing Co., Danville	15 279 25 f.o.b. delivered
1,000 copies <i>Teacher-Learning Theory</i> , by W. S. Monroe, a 400-page book to be printed and bound	University Press	Pantagraph Printing and Stationery Co., Bloomington	3 469 50
100 choice grade feeder wethers lambs	Animal Science		5 000 00
100 choice grade feeder ewe lambs (Weight to be approximately 75 pounds per head)			
Lot of laboratory glassware (soft) to be used as stock in the General Chemical Stores for the fall and winter terms of 1951-1952	General Chemical Stores	Chicago Apparatus Co., Chicago	18 898 77 f.o.b. Urbana
Research metallographic equipment for bright field, dark field, and polarized light, tint plate on rotatable disc, complete with accessories	Mining and Metallurgical Engineering	Adolph I. Buehler, Chicago	8 548 00 f.o.b. delivered and installed
One X-ray unit special, for direct measurement of diffracted intensities, 200/250 volts, 60 cycle, complete with accessories	Mining and Metallurgical Engineering	General Electric X-Ray Corp., Chicago	12 897 90 f.o.b. Milwaukee, Wis.
One counter tube (Geiger type)			
250,000 gallons of No. 1 fuel oil to be delivered to the Parade Grounds housing area by transport truck as required from September 15, 1951, to June 30, 1952	Residence Halls	Phillips Petroleum Co., Bartlesville, Oklahoma	29 847 50 f.o.b. delivered
31,133 board feet (one carload) kiln dried No. 1 Douglas Fir lumber, square end trimmed with eased edges	Physical Plant	H. E. Moore & Co., Champaign	3 730 43 f.o.b. delivered
One bulk steam sterilizer, 36" x 42" x 84", complete with accessories	Research and Educational Hospitals, Chicago Colleges	American Sterilizer Co., Chicago	7 291 00 f.o.b. delivered
2,000 copies of <i>Cultural Sciences</i> , by Florian Znaniecki	University Press	The Haddon Craftsmen, Inc., Scranton, Pa.	5 326 58 f.o.b. freight prepaid

On motion of Mr. Herrick, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(26) The Comptroller's report of contracts executed during the period July 1 to August 31, 1951.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
U. S. Industrial Chemicals Corp.	Study of synergized pyrethrin allethrin, and related sprays	\$ 1 000 00	May 16, 1951
Dr. Salsbury's Laboratories	Study of arsonic acid derivatives	1 800 00	July 9, 1951
United States Air Force	AF 33(038) — 21251	15 885 00	March 8, 1951
United States Army	DA 33 — 017 eng 96	20 000 00	May 26, 1951
United States Navy	N 6 ori — 07132	30 000 00	February 1, 1951
United States Navy	N 600S — p—12803	322 64	February 13, 1951

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Milk Market Administrator	Study of federal milk marketing in Quad-Cities	3 000 00	June 20, 1951
Arthur D. Little, Inc.	Subcontractor on DA — 19020 — ord 47	9 000 00	February 2, 1951
United States Navy	N 60nr — 07134	18 000 00	April 13, 1951
United States Air Force	AF 33(038) — 20922	16 000 00	March 25, 1951
Carpenter Steel Co.	Study of the use of stainless steel pipe for conducting milk	2 000 00	August 4, 1951
State of Illinois	Business analysis of aviation industry in Illinois	10 000 00	July 15, 1951
United States Atomic Energy Commission	AT (11-1) — 182	135 000 00	June 25, 1951
Cook Electric Co.	Subcontractor on AF — 33(038) — 13666	10 700 00	March 25, 1951
United States Air Force	AF 33(038) — 21255	36 117 00	March 8, 1951
United States Air Force	AF 33(038) — 21587	25 260 00	March 9, 1951
United States Air Force	AF 33(038) — 19569	21 026 00	January 22, 1951
United States Navy	Nop — 536	890 00	February 15, 1951
United States Navy	Nonr — 336(00)	14 181 00	May 1, 1951
United States Army	DA — 49-007 — MD — 170	11 879 00	April 1, 1951
United States Army	DA — 49-007 — MD — 148	15 895 00	May 1, 1951
United States Army	DA — 18-064-CML-494	44 000 00	June 11, 1951
State of Illinois	Cooperative investigation of soil exploration and mapping	7 500 00	June 30, 1951
Beatrice Foods Co.	Installation of ice cream machines on campus	15% of gross sales	July 1, 1951
Campbell Soup Co.	Nutritional requirements of basidiomycetes	14 386 16	August 25, 1951
United States Air Force	AF — 33(038) — 25726	280 000 00	July 3, 1951
United States Army Ordnance Corps	DA — 11-022-ORD-401	23 800 00	July 18, 1951
United States Army Ordnance Corps	DA — 11-022-ORD-174	363 000 00	May 1, 1951
United States Navy	Nonr — 412(00)	4 183 00	June 1, 1951
United States Army Chemical Corps	DA 18-108-CML-2446	15 000 00	June 14, 1951
United States Navy Bureau of Ships	Nodsr-52367	119 074 00	June 28, 1951
Housing and Home Finance Agency	H — 75	25 480 00	June 15, 1951
Housing and Home Finance Agency	H — 73	28 572 00	June 13, 1951
United States Department of Agriculture	A — 18-33421	20 000 00	June 19, 1951
United States Department of Agriculture	A — 18-33035	10 000 00	May 22, 1951
United States Air Force	AF — 33(038) — 25734	17 444 80	May 31, 1951
Abingdon, Illinois School District	Survey to develop school building program	450 00	July 10, 1951
Illinois Power Co.	Grant of utility easement at 1108 W. Green Street	None	July 30, 1951
Benton, Illinois School District	Survey on high school education program	1 000 00	July 23, 1951
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Sam S. Caplon	Install eleven electric fixtures in I.N.I. (Chicago)	570 00	June 25, 1951
Bosley Wrecking Co.	Demolition at 825 S. Marshfield Avenue, Chicago	825 00	June 25, 1951
James L. Lyon Co.	Acoustical ceiling room 320 I.N.I. (Chicago)	205 00	June 21, 1951
Museum of Modern Art	Exhibit — Architecture of the City Plan	85 00	July 31, 1951
Museum of Modern Art	Exhibit — Three modern styles	150 00	July 2, 1951
Museum of Modern Art	Exhibit — World of Illusion	50 00	July 2, 1951
Museum of Modern Art	Exhibit — Painting and sculpture in architecture	75 00	July 2, 1951

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
States Attorney of Champaign County	County services rendered	21 550 70 ¹	July 30, 1951
States Attorney of DeKalb County	County services rendered	2 882 24 ¹	July 27, 1951
States Attorney of Piatt County	County services rendered	6 388 84 ¹	July 28, 1951
John Taylor	Summer residential clinic transportation	16 50 per day	July 2, 1951
Capitol Records	Transcription disks for Radio Station	900 00	December 1, 1951
Public Service Co. of Northern Illinois	Excess facilities agreement — Lisle, Ill.	272 51	June 1, 1951
Schroeder's	Furnish and install duct work in Engineering Research Laboratory	7 286 40 ²	July 5, 1951

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Standard Brands, Inc.	Help establish a yeast genetics laboratory	5 000 00	August 25, 1951
American Dehydrators Association	Nutritive value of dehydrated alfalfa meal in swine nutrition	1 500 00	August 1, 1951
Armour and Co.	Autoxidation of unsaturated fatty acids	3 000 00	August 7, 1951
State of Illinois, Department of Public Works and Buildings	Study of highway problems	5 000 00	June 30, 1951
United States Atomic Energy Commission	AT (11-1) — 67 Supplement #2	2 814 00	June 25, 1951
United States Navy	N 60ri — 07131 Amendment #2	17 808 00	June 1, 1951
United States Navy	N 60ri — 07130 Amendment #1	10 060 00	June 13, 1951
United States Navy	N 60ri — 07126 Amendment #3	23 000 00	June 13, 1951
United States Atomic Energy Commission	AT (11-1) — 67 Supplement #1	19 000 00	May 31, 1951
United States Navy	N 60ri — 07129 Amendment #3	28 368 00	May 15, 1951
United States Atomic Energy Commission	AT (11-1) — 67 Project 8	8 395 00	April 24, 1951
United States Navy	N 60ri — 71 Amendment #5	20 000 00	March 31, 1951
United States Department of Labor	Study of labor statistics consumers price index	5 000 00	May 31, 1951
United States Air Force	AF 41(128) — S2 Supplement #1	2 890 00	June 6, 1951
United States Navy	N 60ri — 07132 Amendment #1	40 000 00	June 26, 1951
United States Navy	N 0nr — 173(00) Amendment #1	27 000 00	June 26, 1951
United States Atomic Energy Commission	AT — (40-1) — 282 Modification #2	5 000 00	June 21, 1951
United States Navy	N 60ri — 07133 Amendment #1	5 000 00	July 1, 1951
County Mutual Fire Co.	Study of soybean losses from hail damage	1 800 00	July 16, 1951
Illinois Farm Bureau Serum Association	Study of sulfonamides, antibiotics in swine diseases	5 000 00	June 5, 1951
Research group of the Institute of Boiler and Radiator Manufacturers	Study of steam and hot water heating systems	21 000 00	June 27, 1951
Standard Oil Co.	Study of insecticides	5 000 00	July 6, 1951
VioBin Corporation	Study of non-vitamin E nutrient values of wheat germ oil	1 500 00	June 14, 1951

Leases Executed

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Shirley P. Nelson	Snack bar at Airport	10% of gross receipts	August 7, 1951
Chester R. Summers	First floor of Burt House (Airport)	71 50 per month	June 18, 1951
John T. Pringle	Second floor of Burt House (Airport)	66 00 per month	June 18, 1951

¹ Under provisions of Act authorizing payments in lieu of taxes.² Work necessary for defense contract.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Collins and Lewis	Rockford office of Division of Services for Crippled Children	80 00 per month	April 28, 1951
Lyda M. Berry	Springfield office of Division of Services for Crippled Children	85 00 per month	June 5, 1951
Central National Bank & Trust Co. of Peoria	Peoria office of Division of Services for Crippled Children	270 00 per month	June 30, 1951
Frances Levin	Vandalia office of Division of Services for Crippled Children	65 00 per month	July 1, 1951
New York Central Railroad Co.	Garden license	1 00	May 24, 1951

Adjustments Made in Authorizations Issued under Cost-Plus Standing Contracts
(Minor Adjustments on Work Started before July 1)

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	Talbot Laboratory remodeling	7 25	July 5, 1951
	Davenport House health service remodeling	39 20 ¹	July 31, 1951
	Changes in administrative offices	662 28 ¹	August 7, 1951
	Floriculture Building alterations	441 86 ¹	August 23, 1951
E. N. DeAtley	Changes in administrative offices	56 41	August 24, 1951
	Sub-total	(1 079 68) ¹	
	Changes in administrative offices	430 39 ¹	August 7, 1951
	Davenport House health service remodeling	547 49 ¹	August 14, 1951
	Floriculture Building alterations	80 04 ¹	August 22, 1951
Reliable Plumbing and Heating Co.	Sub-total	(1 057 92) ¹	
	Changes in administrative offices	54 11 ¹	August 2, 1951
	Changes in administrative offices	748 11 ¹	August 8, 1951
	Minor building improvements Huff Gymnasium room 212	45 44 ¹	August 8, 1951
Schroeder's	Talbot Laboratory remodeling	53 48 ¹	August 14, 1951
	Harker Hall remodeling room 104, 106	1 445 00 ¹	August 15, 1951
	Floriculture Building alterations	348 36 ¹	August 20, 1951
	Sub-total	(2 694 50) ¹	
	Changes in administrative offices	117 87 ¹	
Clarence H. Siems	Radiocarbon Laboratory expansion	222 37 ¹	
	Special State—East Chemistry equipment	34 14	
	Sub-total	(306 10) ¹	
	Green Street Apartments	251 72 ¹	July 18, 1951
Square Deal Electric Co.	Radiocarbon Laboratory expansion	178 31 ¹	July 12, 1951
	Sub-total	(430 03) ¹	
	Green Street Apartments	10 81 ¹	July 30, 1951
	Special State—Natural History fire protection	204 54 ¹	July 30, 1951
	David Kinley Hall remodeling room 226	197 64 ¹	July 31, 1951
	708 S. Mathews Avenue remodeling	146 91 ¹	August 20, 1951
	Sub-total	(559 90) ¹	

Adjustments Made in Authorizations Issued under Cost-Plus Standing Contracts
(Minor Adjustments on Work Started after July 1)

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	Noyes Laboratory third and fourth floor remodeling	160 08	August 8, 1951
	Noyes Laboratory remodeling, renovation, and modernization	590 01	August 13, 1951
	Sub-total	(750 09)	
Clyde E. Gates	Noyes Laboratory third and fourth floor remodeling	1 149 25	August 17, 1951
	Noyes Laboratory remodeling, renovation, and modernization	2 050 80	August 17, 1951
	Sub-total	(3 200 05)	
Reliable Plumbing and Heating Co.	Noyes Laboratory third and fourth floor remodeling	200 00	August 16, 1951
	Harker Hall remodeling room 104, 106	2 715 00	August 16, 1951
	Noyes Laboratory remodeling, renovation, and modernization	1 092 00	August 17, 1951
	Sub-total	(4 007 00)	

This report was received for record.

¹ Deduct.

QUARTERLY REPORT OF THE COMPTROLLER

(27) The Comptroller presents his quarterly report to the Board as of June 30, 1951.

This report was received for record and a copy has been filed with the Secretary of the Board.

GIFT OF GEORGE R. CARR

(28) Mr. George R. Carr of the Class of 1901 has offered the University of Illinois a collection of about 2,000 items on the history of Chicago and early railroad history, including also material and numerous autographed letters of famous personalities relating to Abraham Lincoln and the Civil War. The Acquisition Department of the University Library estimates this collection has a value of \$10,000. Mr. Carr has indicated his intention of supplementing this gift with similar items later.

I have accepted this offer on behalf of the University and I am pleased to report it to the Board for official record.

This report was received for record.

**GIFT OF MERCK AND COMPANY, INC. TO ESTABLISH
KARL FOLKERS LECTURE SERIES IN CHEMISTRY**

(29) Merck and Company, Inc., Rahway, New Jersey, has given the University \$12,500 to establish for a period of years the "Karl Folkers Lecture Series in Chemistry." The principal and income of this grant is to be expended over a period of not less than fifteen years for annual lectures if feasible (although they may be omitted for a year or two to accumulate funds for special lectures) primarily in the fields of organic chemistry and biochemistry but without excluding other fields. A similar grant has been offered to the University of Wisconsin.

On the recommendation of the Head of the Department of Chemistry, I have accepted this grant and have expressed to the Chairman of the Board of Merck and Company the appreciation of the University.

This report was received for record.

REPORT OF GIFTS AND GRANTS RECEIVED BY THE UNIVERSITY

(30) The following gifts and grants of funds received by the University have been accepted by the President in accordance with the statutory procedure and are now being reported for official record.

*For the Colleges and Schools at Urbana-Champaign**A. Undergraduate Scholarships, Prizes, and Other Financial Aids*

1. Advertising Executives Club of Chicago, \$150 for a scholarship in advertising, School of Journalism and Communications.
2. Mr. Robert Allerton, Hawaii, \$800 for the continuation of the Robert Allerton Traveling Scholarships in Architecture for 1951.
3. Alpha Alpha Chapter of Alpha Phi Omega, a national service fraternity, \$250 for scholarships for the academic year 1951-1952.
4. Chicago Farmers, Chicago, \$500 for a scholarship in agriculture for the academic year 1951-1952.
5. Gulf, Mobile, and Ohio Railroad Company, Jackson, Tennessee, \$2,200 for seven scholarships in agriculture and home economics for the academic year 1951-1952.
6. Illinois Association for the Crippled, Inc., \$450 for scholarships in occupational therapy.
7. Illinois Congress of Parents and Teachers:
 - a. \$600 for scholarships for the academic year 1951-1952.
 - b. \$250 for scholarships for students in the field of special education.
8. Illinois Federation of Women's Clubs, \$2,763.50 to be added to the Occupational Therapy Scholarship Fund.
9. Illinois Federation of Women's Clubs, Third District, \$1,320 to be added to the Third District fund for scholarships in occupational therapy.
10. Kroger Company, Cincinnati, Ohio, \$1,200 for scholarships in agriculture and home economics in the amount of \$200 each.

11. James F. Lincoln Arc Welding Foundation, \$1,250 for four scholarships (\$250 each) in agricultural engineering.
 12. Messrs. Albert, Jr., Joseph S., and Louis Mohr, Chicago, alumni of the University, \$1,000 for additional Robert C. Zuppke Scholarships for the academic year 1951-1952.
 13. National Association of Thoroughbred Breeders, Lexington, Kentucky, \$400 for a four-year scholarship in agriculture awarded to a participant in the Future Farmers of America program.
 14. Old Ben Coal Corporation, \$700 for scholarships in mining engineering for the academic year 1951-1952.
 15. Panhellenic Council, University student organization, \$262.67 for scholarships.
 16. Henry A. Petter Supply Company, \$200 for a scholarship in mining engineering for the academic year 1951-1952.
 17. Alfred E. Pickard Coal Company, \$200 for a scholarship in mining engineering.
 18. Mrs. Kittie B. Pierce, LaGrange, Illinois, \$500 for continuation of the Phyllis Pierce Ruettinger Scholarship for the academic year 1951-1952.
 19. Pi Kappa Lambda, \$100 for a scholarship in music.
 20. Praetorians of Illinois, an organization of men residing in the University Men's Residence Halls, \$120 for scholarships.
 21. The Presser Foundation, Philadelphia, Pennsylvania, \$250 for a scholarship in music for the academic year 1950-1951.
 22. Mr. John W. Ruettinger, Chicago, \$500 for the continuation of the John C. Ruettinger Memorial Scholarship for the academic year 1951-1952.
 23. Sears-Roebuck Foundation, Chicago, \$4,200 for scholarships in agriculture.
 24. Sinai Temple Congregation of Champaign-Urbana, \$50 for a scholarship in music.
 25. Skidmore, Owings, and Merrill, Chicago, \$1,000 for a scholarship in architecture for the academic year 1951-1952.
 26. Student Organization Fund, \$500 for scholarships.
 27. University Concert and Entertainment Board, \$500 for Star Course Scholarships.
 28. University of Illinois Foundation, \$2,500 for Illini War Memorial Scholarships; \$250 to be added to the Charles E. Merriam Scholarship Fund; and \$25 for the John T. Rusher Memorial Scholarship.
 29. Anonymous, \$1,000 to be added to the James M. White Memorial Fund, the income to be used for awards and prizes to students in architecture.
 30. Champaign County Cerebral Palsy Fund, \$1,000 to aid Dr. Severina Nelson, Professor of Speech and Director of the Clinic, in her work with children suffering from cerebral palsy.
 31. Mr. Lester Norris, St. Charles, Illinois, \$500 to be used toward a field trip to Mexico by some graduate students in the Department of Zoology.
 32. Sons of Union Veterans of the Civil War, an annual award of a Grand Army of the Republic dress sword and scabbard to be presented to the Army's second-year advanced R.O.T.C. cadet, exclusive of brigade commander, regimental commanders and their staffs, who was most active in military work during his four years in college.
 33. University of Illinois Foundation, \$3,000 for Child Welfare and Development, and \$1,600 for the Illini Picnic Grove.
 34. Women's District Grand Lodge No. 6, B'nai B'rith, Chicago, \$100 for the Dr. Abram Leon Sachar Prize in History.
- Total, Undergraduate Scholarships, Prizes, and Other Financial Aids.....\$32,191.17*
- B. Funds for Graduate Fellowships, Scholarships, and Research*
35. Armour and Company, Chicago, \$4,800 for the renewal of a fellowship in chemistry, under the direction of Professor George L. Clark, for the academic year 1951-1952.
 36. Cincinnati Chemical Works, Cincinnati, Ohio, \$1,000 for the renewal of a fellowship in chemistry for the academic year 1951-1952.

37. The Dow Chemical Company, Midland, Michigan, \$1,500 for the renewal of a fellowship in chemistry, under the direction of Professor E. W. Comings, for the academic year 1951-1952.

38. E. I. Du Pont de Nemours and Company, Wilmington, Delaware:

a. \$6,600 for fellowships in chemistry and chemical engineering for the academic year 1951-1952.

b. \$5,300 for a postdoctoral fellowship in chemistry for the academic year 1951-1952.

39. Eastman Kodak Company, Rochester, New York, \$1,200 for the renewal of a fellowship in chemistry for the academic year 1951-1952.

40. Ethyl Corporation, Detroit, Michigan, \$1,500 for the renewal of a fellowship in chemical engineering for the academic year 1951-1952.

41. The Firestone Tire and Rubber Company, Akron, Ohio, \$3,000 for the renewal of fellowships in chemistry (\$1,500 each), under the supervision of Professor Frederick T. Wall, for the academic years 1950-1951 and 1951-1952.

42. Eli Lilly and Company, Indianapolis, Indiana:

a. \$1,000 for the renewal of a fellowship in chemistry for the academic year 1951-1952.

b. \$4,263 for renewal of a fellowship in chemistry for a general study of insulin metabolism.

43. Minnesota Mining and Manufacturing Company, St. Paul, Minnesota, \$3,600 for two fellowships in chemistry for the academic year 1951-1952.

44. Motorola Incorporated, Chicago, \$750 for the renewal of the Galvin Fellowship in electrical engineering for the academic year 1951-1952.

45. National Academy of Sciences, Committee on the Marsh Fund, \$200 for a fellowship in chemistry for the summer of 1951.

46. Pan American Refining Corporation, New York, New York, \$1,265 for the renewal of a fellowship in chemical engineering for the academic year 1951-1952.

47. The Procter and Gamble Company, Cincinnati, Ohio, \$1,750 to be added to their fellowship in chemistry.

48. Ralston Purina Company, St. Louis, Missouri, \$1,560 for a fellowship in animal husbandry for the academic year 1951-1952.

49. G. D. Searle and Company, Chicago, \$2,000 for a fellowship in chemistry for one year beginning June 15, 1950.

50. Shell Fellowship Committee, New York, New York, \$3,000 for the renewal of fellowships in chemical engineering (\$1,500) and geology (\$1,500) for the academic year 1951-1952.

51. Illinois Chapter of Sigma Xi, Urbana, \$500 for a fellowship in the Graduate College for the academic year 1951-1952.

52. Socony-Vacuum Laboratories, New York, New York, \$2,000 for the renewal of a fellowship in chemistry for the academic year 1951-1952.

53. Standard Oil Company of California, San Francisco, \$1,250 for the renewal of a fellowship in chemistry for the academic year 1951-1952.

54. Standard Oil Company of Ohio, Cleveland, Ohio, \$2,100 for a fellowship in chemistry and chemical engineering for the academic year 1951-1952.

55. Swift and Company, Chicago, \$2,200 for renewal of a fellowship in entomology for the academic year 1951-1952.

56. Tau Chapter of Zeta Phi Eta, \$350 for a fellowship in the Department of Speech for the academic year 1951-1952.

57. Titanium Alloy Manufacturing Division, National Lead Company, Niagara Falls, New York, \$2,000 for the renewal of a fellowship in ceramic engineering for the academic year 1950-1951.

58. The Upjohn Company, Kalamazoo, Michigan:

a. \$1,705.20 for the renewal of a fellowship for study of enzyme systems in adrenal glands for the period from July 1, 1951, to August 31, 1952.

b. \$4,060 for the renewal of a postdoctorate fellowship in chemistry for study of enzyme systems in adrenal glands, under the supervision of Dr. Carl S. Vestling, for the academic year 1951-1952.

59. Velsicol Corporation, Chicago, \$2,500 for the renewal of a fellowship in zoology for the academic year 1951-1952.

60. Victor Chemical Works, Chicago, \$1,500 for the renewal of a fellowship in chemistry for the academic year 1951-1952.

61. Western Cartridge Company, Division of Olin Industries, East Alton, Illinois, \$1,800 for the renewal of a fellowship in chemistry for the academic year 1951-1952.

62. Westinghouse Educational Foundation, Pittsburgh, Pennsylvania, \$1,000 for the renewal of a fellowship in electrical engineering for the academic year 1951-1952.

63. Mary E. Baker scholarship, supported by the University of Tennessee Library staff, \$300 to continue graduate study in the University of Illinois Library School during the academic year 1951-1952.

64. Abbott Laboratories, North Chicago, \$250 to supplement research on the objective measurements of side reactions to antihistaminics, under the direction of Professor F. R. Steggerda, Department of Physiology.

65. American Cancer Society, Inc., New York, New York, \$16,539.23 for studies on virus growth and on the genetics of virus-host specificity, in the Department of Bacteriology, under the direction of Dr. S. E. Luria, for one year beginning July 1, 1950.

66. American Cyanamid Company, New York, New York:

a. \$600 to the Department of Agronomy to continue a study of the value of rock phosphate as a filler in complete fertilizers.

b. \$250 to the Department of Agronomy for a study of the effect of chemicals on the defoliation of certain plants.

67. Commercial Solvents Corporation, Terre Haute, Indiana, \$5,000 for research on the colloidal characteristics of polymeric materials, in the Department of Chemistry, under the direction of Dr. B. R. Ray, for fifteen months beginning November 1, 1950.

68. E. I. Du Pont de Nemours and Company, Wilmington, Delaware, \$10,000 in support of fundamental research in chemistry during 1951-1952.

69. Forest Preserve District of Cook County, \$10,000 for research on oak wilt disease by the State Natural History Survey.

70. B. F. Goodrich Chemical Company, \$400 to support the experimental program of plant disease control being carried out by the Department of Horticulture.

71. Illinois Farm Supply Company, \$2,000 to supplement research budgets in the Dairy Science Department and the Swine, Poultry, and Nutrition Divisions of the Animal Science Department (\$500 for each).

72. District No. 9 of the International Association of Machinists Union, \$4,800 for a survey conducted by the Institute of Labor and Industrial Relations.

73. International Nickel Co., Inc., \$1,000 for research in chemistry on the separation of small amounts of cobalt from large amounts of nickel.

74. Midwest Barley Improvement Association, \$200 to the Department of Agronomy for research on barley variety-fertilizer tests at Woodstock, Illinois.

75. Mrs. C. Phillip Miller, Chicago, \$967.04 to be added to the Sinissippi Forest Trust Fund in support of forestry research.

76. Music Research Foundation, Inc., Washington, D.C., \$1,840 in support of a research fellowship in psychology known as the Bonfils Fellowship for Music Research.

77. National Oak Wilt Research Committee, \$8,000 for research on oak wilt disease by the State Natural History Survey.

78. The Nutrition Foundation, Inc., New York City, \$2,500 for research in chemistry on the role of related nutrients in the metabolism of tryptophan and niacin.

79. Ortho Research Foundation, Raritan, N.J., \$450 in support of a study on calcium-iron metabolism in the adult man by the Department of Physiology.

80. Research Corporation, New York City, \$3,200 in continued support of research on nuclear magnetic phenomena in chemical systems by the Department of Chemistry.

81. Ruder's Valley View Farm, \$500 for research on bovine brucellosis immunization.

82. Tennessee Corporation Research Laboratories, College Park, Georgia, \$400 in continued support of spray research on copper fungicides by the Department of Horticulture.

83. University of Illinois Foundation, \$400 for research on the cytogenetics of corn.

84. United States Public Health Service:

a. \$14,850 to determine the synthesis and maintenance of intracellular enzymes, in the Department of Bacteriology, for one year beginning July 1, 1951.

b. \$1,458 to determine the mechanism of action of gonadotrophic hormones on the ovary, in the Department of Animal Science, for one year beginning March 1, 1951.

c. \$3,155 for an icological, morphological, physiological comparative study of diphyllbothrim in North America for differentiating species infecting man from these infecting fish-eating birds, in the Department of Zoology, for the period June 1, 1951, through June 30, 1952.

85. Wilson and Company, Chicago, \$575 to support a study of per cent utilization of calcium and phosphorus by man from bone phosphate, under the direction of Professor F. R. Steggerda, Department of Physiology.

Total, Funds for Graduate Fellowships, Scholarships,

and Research\$156,887.47

C. Gifts of Equipment, Works of Art, and Library Materials

86. Mr. Robert Allerton, Hawaii, portraits for Allerton House.

87. Art Institute of Chicago, sculpture for Robert Allerton Park.

88. Caterpillar Tractor Company, Peoria, Illinois, equipment for the Department of Electrical Engineering (\$600).

89. Melvin L. Enger Portrait Fund, \$1,421.72 for books for the Engineering Library.

90. Illinois Seed Dealers Association, Inc., \$2,500 for a trailer to be used by the Department of Agronomy.

91. O. A. Leutwiler Award Committee, murals in fresco to decorate the walls of the south entrance of the Mechanical Engineering Building in honor of O. A. Leutwiler, Professor of Mechanical Engineering Design, *Emeritus*, and former head of the Department of Mechanical Engineering.

92. Estate of Cassandra A. Miller, silver three-piece tea service bequeathed by the late Mrs. George A. Miller.

93. North Electric Manufacturing Company, Galion, Ohio, six individual strips containing ten push buttons numbered 0-9 (\$300).

94. Sangamo Electric Company, Springfield, 5,700 condensers to the Department of Electrical Engineering (\$2,800).

95. University of Illinois Foundation, \$8,500 for the purchase of band instruments and \$5,500 for the purchase of an electron microscope for the Department of Chemistry, and especially for Professor George L. Clark's researches.

96. Western Electric Company, New York, New York, miscellaneous electrical parts to the Department of Electrical Engineering (\$100).

97. Warren L. Wood, Plainfield, Illinois, an oil painting "There Goes Grange."

Total, Gifts of Equipment, Works of Art, and Library Materials...\$ 21,721.72

Total, Urbana-Champaign.....\$210,800.36

For the Chicago Professional Colleges

A. Funds Received from Private Industry, Foundations, Other Organizations and Government Agencies for Research and Graduate Study

98. Abbott Laboratories, North Chicago, Illinois:

a. \$1,000 for research on effect of amines in experimental renal and other experimental hypertension, in the Department of Physiology, College of Medicine, under the supervision of Dr. George E. Wakerlin, for the period April 1, 1951, to October 1, 1951.

b. \$3,000 for a study on the clinical evaluation of anticonvulsant substances, in the Department of Psychiatry, under the supervision of Dr. F. A. Gibbs, for one year beginning January 1, 1951.

c. \$2,000 for a study of antimalarial drugs in rheumatoid arthritis, in the Department of Medicine, under the supervision of Dr. I. E. Steck, for the period January 1, 1951, through June 30, 1951.

d. \$500 for a study of plasma substitutes, in the Department of Surgery, under the supervision of Dr. Warren H. Cole, for one year beginning April 1, 1951.

99. Amurol Products Company, Chicago, \$3,500 to continue the physical, chemical, and bacterial study of the dental plaque, in the Department of Applied Materia Medica and Therapeutics, under the direction of Dr. Robert G. Kesel.

100. Bauer and Black, \$1,000 for the study of the action and utility of phenoxymethanoic acid as a keratolytic agent, in the Department of Dermatology, under the supervision of Dr. Adolph Rostenberg.

101. Bowman Dairy Company, Chicago, \$2,000 for research on mold allergy, in the Department of Bacteriology, College of Medicine, under the supervision of Dr. Ben Z. Rappaport and Dr. Milan V. Novak.

102. Bristol Laboratories, Syracuse, New York, \$2,500 for a fellowship in the Department of Biological Chemistry, under the supervision of Dr. S. B. Binkley, for one year beginning April 1, 1951.

103. E. & J. Manufacturing Company, Glendale, California, \$2,000 to supplement research on resuscitation, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. A. C. Ivy.

104. Lederle Laboratories, American Cyanamid Company, Pearl River, New York:

a. \$1,800 for research on the effect of aureomycin on experimental cholesterolemia in rabbits, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. A. C. Ivy, for one year beginning February 1, 1951.

b. \$10,000 for work of investigative nature in infectious diseases, preventive medicine, and related fields, in the Department of Preventive Medicine, under the supervision of Dr. Harry F. Dowling, for one year beginning January 1, 1951.

105. Eli Lilly and Company, Indianapolis, Indiana:

a. \$6,330 for research on histamine analogues and antihistamine and atropine-like synthetics on gastric secretion, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. A. C. Ivy, for one year beginning December 11, 1950.

b. \$5,600 for renewal of research on mumps vaccination, in the Department of Bacteriology, College of Medicine, under the supervision of Dr. J. E. Kempf.

106. G. D. Searle and Company, Chicago:

a. \$1,200 for studies of the incidence of colonic dyskinesia and its management with the hydrophilic colloid in patients with peptic ulcer, in the Department of Clinical Medicine.

b. \$3,300 for preliminary study of the antacid compounds, in the Department of Clinical Science, College of Medicine.

c. \$2,900 for continuation of research on evaluation of anti-asthmatic drugs, in the Department of Medicine, under the supervision of Dr. Max Samter.

d. \$7,430 for research on the physiology of bile secretion, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. A. C. Ivy.

107. E. R. Squibb and Sons, New York, New York, \$2,400 for an investigation of pronestyl, in the Division of Anesthesia, Department of Surgery, College of Medicine, under the supervision of Dr. Max S. Sadove, for one year beginning February 1, 1951.

108. Swift and Company, Chicago, \$8,250 for research on the relation of bile and the intestine to cholesterol metabolism, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. A. C. Ivy.

109. Teagle Foundation, Inc., New York, New York, \$24,000 for research on paralysis agitans, in the Department of Psychiatry, under the direction of Dr. Francis J. Gerty.

110. Toni Company, Chicago:

a. \$3,000 for research on bacteriology of seborrheic dermatitis and related dermatoses, in the Departments of Bacteriology and Dermatology, College of Medicine, under the supervision of Dr. M. J. Brunner and Dr. E. E. Vicher.

b. \$1,650 to be added to research on sulfhydryl compounds in cellular respiration, in the Department of Clinical Science, College of Medicine, under the direction of Dr. Leon L. Gershbein.

111. Upjohn Company, Kalamazoo, Michigan, \$1,000 for research on intravenous gelatin, in the Department of Surgery, College of Medicine, under the supervision of Dr. C. W. Vermeulen.

112. VioBin Corporation, Monticello, Illinois, \$1,600 to be added to research on liver fraction and raw liver powder, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. A. C. Ivy.

113. Winthrop-Stearns, Inc., \$2,400 for screening and investigation of new anesthetic drugs, in the Division of Anesthesia, Department of Surgery, College of Medicine, under the supervision of Dr. Max S. Sadove, for one year beginning March 1, 1951.

114. Arthritis and Rheumatism Foundation, \$3,000 for a fellowship in the Department of Medicine, under the supervision of Dr. R. W. Keeton and Dr. Irving E. Steck.

115. Borden Company Foundation, New York, New York, \$1,500 for undergraduate scholarship awards in the College of Pharmacy.

116. Lakeland Foundation, Chicago, \$7,000 for cancer diagnostic test, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. A. C. Ivy, for the period from April 1, 1951, to July 1, 1952.

117. John and Mary R. Markle Foundation, New York, New York, \$18,000 for stipends for scholars in medical sciences.

118. Rockefeller Foundation, New York, New York, \$24,000 for fundamental investigations in brain biochemistry, in the Department of Pharmacology, College of Medicine, under the supervision of Dr. J. A. Bain.

119. University of Illinois Foundation, \$13,000 for various projects in the College of Medicine, and \$2,800 to continue research in the College of Dentistry, under the direction of Dr. Robert G. Kesel.

120. American Cancer Society, Inc., New York, New York, \$6,048 for continuation of research on changes in the connective tissue stroma of the cyclic organs of reproduction as influenced by hormones: integration of parenchymatous and stroma changes in end organs, in the Department of Pathology, College of Medicine, under the direction of Dr. H. R. Catchpole, for one year beginning July 1, 1950.

121. American Heart Association, Inc., New York, New York, \$5,250 for a study of the relation of pituitary and adrenal cortex to experimental renal hypertension, in the Department of Physiology, College of Medicine, under the supervision of Dr. G. E. Wakerlin.

122. American Red Cross:

a. \$4,500 for a study of relationship of vitamins and hormones to white blood cell formation, in the Department of Pediatrics, College of Medicine, under the supervision of Dr. H. G. Poncher.

b. \$750 for continuation of research on resuscitation, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. A. C. Ivy.

123. American Society of Heating and Ventilating Engineers, \$1,618 for investigation of the physiological adjustments of human beings to sudden changes in atmospheric environment, in the Department of Medicine, under the supervision of Dr. R. W. Keeton and Dr. Nathaniel Glickman.

124. Asthmatic Children's Aid, \$10,000 for studies in histochemistry and immunology, in the Department of Medicine (Allergy Unit), under the supervision of Dr. Ben Z. Rappaport, for one year beginning July 1, 1951.

125. Cerebral Palsy Association of Illinois, Inc., Chicago, \$50,000 for research on cerebral palsy, in the Department of Psychiatry, under the supervision of Dr. F. J. Gerty, for five years.

126. Chatham United Presbyterian Church, in memory of Mrs. Dora Hanson, \$25 to be used in the Tumor Clinic.

127. Illinois Federation of Women's Clubs, \$1,700 for the continuation of a fellowship in the Department of Surgery, College of Medicine, for the Tumor Clinic in the Research and Educational Hospitals, under the direction of Dr. D. P. Slaughter, for one year beginning July 1, 1949.

128. Illinois Veterinary Practitioners Association, \$25 for the purchase of journals of veterinary medicine for the Library.

129. Phi Gamma Psi Sorority, in memory of Thomas Meehan, a television set to the Research and Educational Hospitals.

130. The Women's Auxiliary of the Chicago Colleges, \$16,000 (proceeds of a fashion show) to be used for research and scholarships, and \$160 to be deposited in the Occupational Therapy Gift Fund.

131. Women of Rotary, \$600 in support of the Orthopaedic Surgery Gift Fund for Children.

132. United States Public Health Service:

a. \$4,882 for the investigation of the physiological adjustments of human beings to sudden changes in atmospheric environment, in the Department of Medicine, under the supervision of Dr. R. W. Keeton and Dr. Nathaniel Glickman.

b. \$9,815.92 for a study of odontome (tumor) formation in a known strain of rats (1a), in the Department of Histology, College of Dentistry, under the supervision of Dr. Isaac Schour (C-464—C3).

c. \$11,458.47 for a study of effects of betatron X-ray beam on central nervous system, in the Department of Radiology, College of Medicine, under the supervision of Dr. Roger A. Harvey (C-853).

d. \$14,604.15 for a study of effects of betatron electron beam on bone and cartilage, under the supervision of Dr. R. A. Harvey and Dr. G. A. Bennett, for one year beginning July 1, 1950 (C-854—C).

e. \$5,616 for a study of amino acid and protein metabolism in leukemia; individual amino acids in leukemia, in the Department of Pediatrics, College of Medicine, under the supervision of Dr. H. G. Poncher and Dr. H. A. Waisman, for a period of one year beginning January 1, 1951 (C-875—C2).

f. \$3,800 for a study of the chemical and mechanical factors which may alter the normal growth pattern of the gastric mucosa, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. A. C. Ivy and Dr. Rhoda Grant, for a period of one year beginning November 1, 1950 (C-1110—C).

g. \$9,718.60 for establishment of a quantitative method of indexing gingival disease and an index of gingival disease in representative groups in the United States, in the Department of Histology, College of Dentistry, under the supervision of Dr. Isaac Schour (D-11—C4).

h. \$8,809.18 for a study of histopathology of gingiva in systemic disease, in the Department of Histology, College of Medicine, under the supervision of Dr. Isaac Schour (D-15—C3).

i. \$3,392.92 for research on facial growth, in the Department of Oral and Maxillofacial Surgery, College of Dentistry, under the supervision of Dr. B. G. Sarnat, for one year beginning October 31, 1950 (D-26—C).

j. \$540 for research on electromyographic analysis of certain facial muscles, including the muscles of mastication in normal and abnormal conditions in man, in the Department of Physiology, College of Medicine, under the supervision of Dr. Carlos I. Reed, for one year beginning October 1, 1950 (D-111).

k. \$5,728.25 for determination of cardiac output in the human by a capacitance method, in the Department of Physiology, College of Medicine, under the supervision of Dr. William V. Whitehorn, for one year beginning November 1, 1950 (H-205—C).

l. \$8,640 for a study of the role of steroids in edema, in the Department of Medicine, under the supervision of Dr. N. O. Calloway and Dr. R. W. Keeton (H-400—C).

m. \$11,514.82 for a study of relations of cardiac work, efficiency, and coronary flow; relation of cardiac output and serum osmotic pressure to sodium and water excretion, in the Rush-Presbyterian Department of Medicine (H-404—C).

n. \$9,936 for research on chemotherapy of rheumatic fever, in the Department of Pharmacology, College of Medicine, under the direction of Dr. C. Ç. Pfeiffer (H-409—C).

o. \$10,000 research on arteriosclerosis and hypertension, in the Department of Physiology, College of Medicine, under the supervision of Dr. G. E. Wakerlin (H-423—C).

p. \$8,586 for research on vascular permeability as affected by changes in blood oxygen and carbon dioxide tensions, in the Department of Physiology, College of Medicine, under the supervision of Dr. A. A. Schiller (H-425—C).

q. \$20,000 for a study of pathogenesis and treatment of experimental renal hypertension, neurogenic hypertension, and experimental malignant hypertension, in the Department of Physiology, College of Medicine, under the supervision of Dr. G. E. Wakerlin, for one year beginning September 16, 1950 (H-428—C).

r. \$7,819.93 for research on isolation and characterization of cardiac myofibrils, under the supervision of Dr. George M. Hass (H-429—C).

s. \$4,433.67 for research on the anatomy and pathology of the auriculoventricular musculature of the human heart, in the Department of Pathology, College of Medicine, under the direction of Mr. Maurice Lev (H-430—C).

t. \$4,410.29 for the continuation of a study on attempts to produce right and left ventricular failure in dogs, in the Rush Department of Pathology, under the supervision of Dr. George M. Hass, for one year beginning September 16, 1950 (H-432—C).

u. \$7,155 for a study of experimental arteriosclerosis and atherosclerosis in young and old animals, in the Rush Department of Pathology, under the supervision of Dr. George M. Hass (H-452—C).

v. \$1,620 for the influence of environmental factors on capillary circulation in normal and diseased subjects (animals and man), in the Department of Pathology, College of Medicine, under the supervision of Dr. A. J. Nedzel, for one year beginning January 1, 1951 (H-453—C).

w. \$9,450 for a study of dialyzability of substances involved in syndromes of hepatic coma, postoperative hepatorenal syndrome, eclampsia, and other intoxications by modified kolff technique; biological and chemical characterization of dialysate, in the Rush Department of Medicine, under the supervision of Dr. S. H. Armstrong (H-844—R).

x. \$540 for research on changes in cardiac output and circulation following partial occlusion of the inferior vena cava, in the Department of Physiology, College of Medicine, under the supervision of Dr. R. C. Ingraham, for one year beginning July 15, 1950 (H-941).

y. \$10,903.93 for a study of the neurophysiological basis of epilepsy, in the Department of Psychiatry, College of Medicine, under the supervision of Dr. F. A. Gibbs (MH-56—C2).

z. \$6,592.10 for analysis of psychological data on schizophrenia, in the Department of Psychiatry, College of Medicine, under the supervision of Dr. David Shakow, for one year beginning April 1, 1950 (MH-148—C1).

aa. \$540 for the purchase of supplies and equipment for Robert Doty, a post-doctorate research fellow, for one year beginning September 2, 1950 (MH-413).

bb. \$540 for postdoctorate research, in the Department of Psychiatry, College of Medicine, under the supervision of Dr. W. S. McCulloch, for one year beginning December 20, 1950 (MH-431).

cc. \$10,000 for research on the construction of enterogastrone, in the Department of Clinical Science, College of Medicine, for one year beginning September 1, 1949 (RG-1614).

dd. \$10,000 for the concentration of enterogastrone, in the Department of Clinical Science, College of Medicine, under the supervision of Dr. A. C. Ivy, for one year beginning September 1, 1950 (RG-1614—C2).

ee. \$1,912.95 for continuation of a study on the effect of vagotomy and isolation of the pyloric antrum on the Mann-Williamson ulcer, in the Department of Surgery, College of Medicine, under the supervision of Dr. Warren H. Cole (RG-1639—C).

ff. \$14,206 for research on renal glomeruli—their antigenic and chemical qualities, in the Department of Pathology, College of Medicine, under the supervision of Dr. C. A. Krakower, for one year beginning September 1, 1951.

gg. \$16,293.35 for continuation of a training grant in clinical psychology, in the Department of Psychiatry, College of Medicine, under the supervision of Dr. David Shakow, for one year beginning July 1, 1950 (2M-5083—C3s).

Total, Funds Received from Private Industry, Foundations, Other Organizations and Government Agencies for Research and Graduate Study\$519,795.53

B. Funds Received from Individuals

133. An Anonymous Alumnus, \$150 to be added to the Patrick and Bertha Mooney Memorial Scholarship Fund.

134. Anonymous:

a. \$50 for the improvement of teaching methods in the Department of Anatomy, under the direction of Dr. Otto F. Kampmeier.

b. \$75 to the Travel Fund of the Department of Pediatrics, College of Medicine.

c. \$100 to the Chandler Research Fund, in the Department of Orthopaedic Surgery, College of Medicine.

d. \$212.69 to the Clinical Science Gift Fund.

e. \$65 to be added to the Pediatrics Gift Fund, under the supervision of Dr. H. G. Poncher.

135. Dr. Boris Berkman, \$2,000 for evaluation of milkweed floss as an ear defender, in the Department of Otolaryngology, College of Medicine, under the supervision of Dr. Francis L. Lederer.

136. Mrs. Sophie Duha, \$50 to be added to the Anonymous Psychiatry Gift Fund, under the direction of Dr. F. J. Gerty.

137. Miss Dolly Kay, \$300 for the purchase of ACTH.

138. Dr. John A. Lowe, Mobridge, South Dakota, \$100 to be added to the Pediatrics Gift Fund.

139. Dr. Francis L. Lederer, \$260 to Miscellaneous Otolaryngology Fund — Lederer.

140. Dr. Leo F. Miller, \$50 to be added to Orthopaedic Research — Dr. Miller (this fund is used for awards to junior medical students).

141. Mr. George F. Mueller, representing the Employees of Fansteel Metallurgical Corporation, \$55, in memory of Mrs. Evelyn Pathauer, to be added to Miscellaneous Gift — Cancer Research, under the direction of Dr. D. P. Slaughter.

142. Dr. R. K. Packard, \$500 to be added to the Upjohn Company's research project on gelatin sponge in surgery, in the Department of Surgery, College of Medicine, under the supervision of Dr. Warren H. Cole.

143. Dr. H. G. Poncher, \$102 to be added to the Pediatrics Travel Fund.

144. William Allen Pusey Fund, \$1,200 for the Dermatological Library for 1950.

145. Mr. John W. Ruettinger, Chicago, \$3,600 to continue the Phyllis Pierce Ruettinger Memorial Fellowship for Research in Nephritis, in the Department of Pathology, College of Medicine, under Dr. G. A. Bennett.

146. Various donors (staff and alumni listed below), \$1,440 to the Travel Fund for Residents in the Department of Orthopaedic Surgery, College of Medicine: Dr. P. H. Dube, \$100; Dr. Kurt L. Eichelbaum, \$50; Dr. J. D. Farrington, \$100; Dr. Charles T. Flynn, Jr., \$25; Dr. T. A. Fox, \$50; Dr. L. F. Miller, \$50; Dr. F. G. Murphy, \$50; Mr. Louis Pelzmann, \$15; Dr. H. B. Thomas, \$500; Dr. H. E. Turner, \$500; Dr. William H. Wright, \$100.

Total, Fund Received from Individuals.....\$10,309.69

C. Gifts of Equipment or of Funds for the Same

147. Dr. and Mrs. Donald Nix, a 54" Simmons juvenile crib and mattress to the Orthopaedic Department.

148. University of Illinois College of Dentistry Alumni Club of New York, \$200 for the purchase of a painting in memory of Arthur Abelson, Class of 1941.

Total Gifts of Equipment or of Funds for the Same.....\$ 200.00

Total, Chicago Professional Colleges.....\$530,305.22

Grand Total\$741,105.58

This report was received for record.

CONTRACT FOR FILM RENTALS

(31) The Dean of the Division of University Extension recommends the award of lease-purchase contracts with three producers of educational films for periods of three or four consecutive years, at the end of which time the University will acquire full ownership of the prints. Contracts are recommended as follows:

Coronet Films: 118½ reels, rental of \$2,453.25 for each of three years

Encyclopaedia Britannica: 114 reels, rental of \$2,238.74 for each of four years

Young America Films: 56½ reels, rental of \$884.50 for each of three years

Funds for the payment of the rental will come from income derived from the rental of the films to Illinois schools.

The Comptroller recommends that the contracts be approved.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

On motion of Mr. Nickell, these contracts were authorized.

FEES FOR SHORT COURSES IN AGRICULTURE

(32) The College of Agriculture will offer twelve eight-week short courses to qualified students who are eighteen years of age or over and are high school graduates with farm experience. This program will be separate from the regular curricular offerings of the College. Each course will be taught for five hours per week. No credit will be given, but students completing the schedule will receive certificates from the College.

It is proposed that fees comparable with those assessed for the summer session (which is an eight-week program) be charged as follows:

Tuition

Residents of Illinois.....	\$20 00
Nonresidents of Illinois.....	75 00
Laboratory, library, and supply fee.....	4 00
Illini Union service charge.....	3 50
Hospital and medical service fee.....	2 50

The Committee on Fees and Scholarships recommends approval and I concur.

On motion of Mrs. Holt, these fees were authorized as recommended.

At this point, Mr. Megran took his place with the Board.

SCHOLARSHIPS IN LAW

Mr. Johnston, for the Committee on General Policy, submitted the following report:

Mr. Park Livingston, President
University of Illinois Board of Trustees
Urbana, Illinois.

DEAR MR. PRESIDENT:

At the last meeting of the Board of Trustees in Urbana on July 25 there was referred to the Committee on General Policy for its consideration the proposal submitted by the dean of the College of Law that there be established annually ten scholarships at \$250 each plus exemption from tuition.

There are two significant phases of this proposal prevailing which have been considered by the policy committee:

- (1) Has the Board of Trustees the legal power to establish the requested scholarships and the legal right to pay cash stipends with University funds.
- (2) Considering the relationship of other departments of the University, can the Board of Trustees justify an affirmative decision of the Law College's proposal.

Quite an extensive opinion has been rendered by the legal counsel of the University on the power of the Board of Trustees to establish such scholarships using state funds for this purpose, the conclusions of which are concurred in by the policy committee. They are:

- (A) There appears to be sufficient statutory recognition of the right and power of the Board of Trustees to establish the proposed scholarships.
- (B) The proposed scholarships, if established and awarded, will not contravene constitutional prohibitions against using public money for private purposes and granting special and exclusive privileges and immunities by special law.
- (C) Funds are available under the present appropriation act out of which the payments contemplated by these scholarships can be made.

In fairness the committee wants to state, however, that none of these conclusions are entirely free from doubt, as it is always possible that a different view could be taken with respect to any one or more of them. However, it is obvious that the similar scholarships which are being maintained and have been granted for decades by the Graduate College stand upon virtually the same basis with respect to those questions, and some of the considerations which render their

validity doubtful are also possibly applicable to many of the other scholarships which are being maintained in various departments and colleges of the University and which have been awarded for many years. The legal counsel therefore concludes, and rightfully so in the opinion of the committee, that the fact that no challenge has been made of the legality of any of these scholarships affords considerable assurance that those proposed in the College of Law will not be subjected to challenge in the courts as well as some evidence tending to establish their legality. Summarizing briefly, it is the conclusion of your committee that if we approve the proposal of the dean of the College of Law and concurred in by the President, there is a reasonable assurance of the legality on the part of the Board to award such scholarships.

Dealing now with the principle and policy in the establishment of these ten annual scholarships in the College of Law, your committee points out 1) that there are already numerous scholarships in the various colleges, excluding the College of Law, and therefore the Board should approve the recommendation of the dean of the College of Law and the President. It is the view of the committee that this would not create a discrimination and neither would it set a precedent. 2) There seems to be, as developed by the review of this subject by your committee, a condition now prevailing in our College of Law that justifies more than a passing consideration of this proposal. The dean of the College of Law has well pointed out that there is a definite competition between our College of Law and those of Harvard, Yale, Columbia and Michigan, and those schools are draining the Mid-West area served by our college because of inducements offered to students in the nature of substantial scholarships. There can be no denying the fact that the principal mark of a good professional school is a good student body, and if our College of Law continues to be handicapped by its disability to meet the competition of colleges of law such as those mentioned, we think it can be recognized that instead of growing in stature the University of Illinois College of Law will remain at a standstill or deteriorate. The Board of Trustees, in the opinion of your committee, cannot afford to permit the area which we serve to become depleted of outstanding material for our College of Law because of the programs pursued by other schools.

The establishment of these ten annual scholarships in the College of Law might well lead to similar proposals on the part of deans of other colleges, and your committee has considered this possibility and its result on the finances of the University. The answer appears obvious. The College of Law is now confronted with a problem which is affecting the future. This, so far as your committee can determine, does not exist in other colleges at the present time. When and as such condition does arise in other colleges, it is our view that we will then have to approach it from the standpoint of what is good for that particular college and in no-wise relate the present situation to what may later prevail in other colleges. We very definitely feel there is a need for these ten scholarships in the College of Law at this time if this college is to be placed in a proper position to meet competition from other law colleges; further that due to the fact there are many presently available scholarships to practically all students in other colleges, we do not feel there is any discrimination by the establishment of these scholarships.

In conclusion, it is the recommendation of the policy committee, in view of the opinion rendered by legal counsel and for the reasons stated from a general policy position, that the Board approve the recommendation of the dean of the College of Law and President that these ten annual scholarships be established.

ROBERT Z. HICKMAN
HERBERT B. MEGHAN
WAYNE A. JOHNSTON, *Chairman*

On motion of Mrs. Watkins, the recommendations of the Committee were adopted and the Board authorized the establishment of ten scholarships to be awarded annually in the College of Law according to the plan and under the conditions recommended to the Board on July 25, 1951 (Minutes, page 843); Mrs. Holt and Mr. Nickell voted "no."

TELEVISION POLICY

Mr. Fornof asked that consideration be given by the Board to establishing a long range, comprehensive policy for the development of television facilities by the University and the telecasting of educational programs. President Stoddard reported informally on what the University's Division of Communications has done in a preliminary way. President Livingston and other members of the Board commented on this matter.

President Livingston also presented a letter, dated September 18, 1951, from Mr. J. A. McDermott, Executive Vice-President of The Champaign News-Gazette, Inc., stating that his corporation has presented briefs and data to the Federal Communications Commission seeking permission to construct and to operate a commercial television station in the Champaign-Urbana area, and offering its facilities to the University of Illinois for the telecasting of worth-while educational programs without charge. Copies of this letter were distributed to the members of the Board.

Following extended discussion, President Livingston, with the concurrence of the Board, appointed Messrs. Fornof, Herrick, and Johnston to serve with him as chairman as a special Committee on Television to study all phases of this matter and to make recommendations to the Board. Mr. Nickell suggested that when this Committee submits a report, action on it be deferred for one month to give the other members of the Board sufficient time for study of the report.

GEORGE A. MILLER BEQUEST

Mr. Herrick reported that Mr. Marshall E. Miller, Attorney, Champaign, representing Mrs. Sarah Grimm, sister of the late Professor George A. Miller, had called on him to ask that the Board of Trustees make some financial provision for Mrs. Grimm from the proceeds of Professor Miller's estate bequeathed to the University of Illinois.

This request was referred to the Finance Committee for consideration.

PURCHASE OF PROPERTY AT 1114 WEST ILLINOIS STREET, URBANA

Mrs. Holt and Comptroller Morey presented an inquiry received from Mr. Chancy L. Finfrock, Attorney, Urbana, as to the interest of the Board of Trustees in the purchase of the property at 1114 West Illinois Street, Urbana.

The Comptroller reported that this was considered a few weeks ago and no recommendation was made because of (a) excessive asking price, (b) lack of funds, and (c) no immediate need for the property. He agreed to see that the proposal is again reviewed.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) fellows; (3) resignations, declinations, and cancellations; (4) leaves of absence; (5) degrees conferred August 20, 1951.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ADAMS, MRS. CATHARINE D., Instructor in Education, on one-fourth time, for the academic year beginning September 1, 1951, \$1000 (7-28-51).
- ALMY, GERALD M., Professor of Physics (C), on indefinite tenure, beginning September 1, 1951, \$11,000 a year, and Acting Head of the Department of Physics, one year beginning September 1, 1951, at an additional salary of \$1000, supersedes (8-13-51).
- AMACHER, HAROLD C., University Health Physicist, in the Graduate College, two years beginning September 1, 1951, \$3900 a year (7-24-51).
- ANDERSON, CHARLES D., Associate Professor of Anesthesia (Rush), in the College of Medicine, two months beginning July 1, 1951, without salary (8-16-51).
- ANDERSON, LeMOYNE W., Instructor in Library Science and Library Adviser, in the Undergraduate Division in Chicago, one year beginning September 1, 1951, \$4100 (8-7-51).
- ARON, KARL, Flight Instructor in the Institute of Aviation, one year beginning September 1, 1951, \$5550, supersedes (8-16-51).
- AUTEN, DONALD S., Instructor in Surgery, in the College of Medicine, on one-half time, two months beginning July 1, 1951, \$150 a month, supersedes (8-9-51).
- BAILEY, PERCIVAL, Distinguished Professor of Neurology and Neurological Surgery, and Clinical Professor of Psychiatry, in the College of Medicine, on three-fifths time, on indefinite tenure beginning September 1, 1951, \$13,750 a year, in addition to \$4000 a year paid by the State Department of Public Welfare, for which the University assumes no responsibility, supersedes (8-28-51).
- BARKER, ROY J., Research Assistant in Economic Entomology, in the Agricultural Experiment Station and in the Natural History Survey, eleven months beginning October 1, 1951, \$3000 a year (8-13-51).
- BAUMANN, EDWARD R., Research Associate in Civil Engineering (S), August 1, 1951-August 31, 1952, \$5500 a year, supersedes (8-25-51).
- BENJAMIN, RICHARD K., Research Assistant in Botany, in the Graduate College, June 16-August 31, 1951, \$750 (7-6-51).
- BEYERL, MERRILL C., Instructor in Psychology and Counselor in the Student Counseling Bureau, in the Undergraduate Division in Chicago, one year beginning September 1, 1951, \$5550 (8-16-51).
- BHATTACHARYYA, PRABHT K., Research Assistant in Chemistry, in the Graduate College, one year beginning September 1, 1951, \$3900 (8-25-51).
- BIRCH, CARROLL L., Professor of Medicine, in the College of Medicine, one year beginning September 1, 1951, \$10,000, and on indefinite tenure beginning September 1, 1952, \$8030 a year (8-18-51).
- BIRD, MRS. THELMA C., Instructor in Library Science and Library Adviser, in the Undergraduate Division in Chicago, one year beginning September 1, 1951, \$4100 (8-7-51).
- BLAIR, JOHN S., Research Associate in Physics (C), one year beginning September 1, 1951, \$4200 (8-25-51).
- BRANCH, MRS. MARJORIE L., Natural History Library Assistant, with the rank of Instructor, in the Library, one year beginning September 1, 1951, \$3660 (8-25-51).
- BRUNNER, ELTON J., Flight Instructor in the Institute of Aviation, one year beginning September 1, 1951, \$5650, supersedes (8-16-51).
- BUCHTA, JOHN C., Research Associate in Physics (C), September 15, 1951-August 31, 1952, \$5100 (8-23-51).
- BURROS, RAYMOND H., Research Associate in Psychology, in the Graduate College, one year beginning September 1, 1951, \$6000 (8-7-51).
- BYERS, FRANKLIN H., Research Assistant in the Bureau of Institutional Research, six months beginning September 1, 1951, \$3250 a year (8-8-51).
- CALLOWAY, NATHANIEL O., Clinical Assistant Professor of Medicine, in the College of Medicine, on 16/100 time, one year beginning September 1, 1951,

- \$675. (On leave of absence for military service, without salary, for one year beginning September 1, 1951.) (8-28-51).
- CAMERON, DUNCAN J., Flight Instructor in the Institute of Aviation, one year beginning September 1, 1951, \$4800 (8-29-51).
- CARDEW, EMILY C., Assistant Professor of Nursing Education and Acting Director of the School of Nursing, and Coordinator of the Affiliated Program for Hospital Schools of Nursing, one year beginning September 1, 1951, \$6600 (8-18-51).
- CARTER, HERBERT E., Professor of Chemistry, in the Graduate College, on one-half time, two months beginning June 16, 1951, \$1000. This is in addition to his present appointment. (7-25-51).
- CEDARLUND, EVELYNNE, Instructor in Home Economics (C), for the academic year beginning September 1, 1951, \$3500 (8-4-51).
- CHAUFOURNIER, ROGER, Research Assistant in Economics, in the Graduate College, six months beginning July 15, 1951, \$485 a month (7-26-51).
- CHELTACK, MELVIN M., Clinical Instructor in the Department of Medicine, in the College of Medicine, and Medical Consultant in the Health Service, in the Chicago Professional Colleges, on one-half time, one year beginning September 1, 1951, \$3500 (8-15-51).
- CHILDS, MORRIS E., Research Associate in Mechanical Engineering (S), on one-half time, one year beginning September 1, 1951, \$2150 (8-16-51).
- CHIN, TE-NING, Research Assistant in Electrical Engineering (S), one year beginning September 1, 1951, \$3960 (8-23-51).
- CLAAR, JOHN B., First Assistant in Agricultural Economics (S and E), one year beginning September 1, 1951, \$6000 (8-31-51).
- CLAYTON, JOE T., Instructor in Agricultural Engineering (E), one year beginning September 1, 1951, \$4000 (8-6-51).
- CLIFFORD, EDWARD, Research Assistant in the Bureau of Research and Service, one year beginning September 1, 1951, \$3080 (8-25-51).
- COHN, MARIUS, Research Associate in Physics (C), one year beginning September 1, 1951, \$6900 (8-23-51).
- CREPEAU, GEORGE P., Instructor in Speech, for the academic year beginning September 1, 1951, \$3000 (8-1-51).
- CROFT, BETTY M. E., Catalog Assistant in the Library, one year beginning September 1, 1951, \$3225 (8-1-51).
- DANIELS, GLADYS M., Instructor in Home Economics (C), for the academic year beginning September 1, 1951, \$3000 (7-19-51).
- DALTON, DOLORES A., Clinical Instructor in Psychiatric Nursing, in the School of Nursing, in the Illinois Neuropsychiatric Institute, July 1, 1951-August 31, 1952, \$3744 a year. For her convenience she will also be furnished one meal a day valued at \$96 a year. (7-24-51).
- DAMRIN, DORA E., Research Associate in the Bureau of Research and Service, ten months beginning September 1, 1951, \$4515 a year (7-28-51).
- DAVIS, MARTIN D., Research Associate in Physics (C), September 16, 1951-August 31, 1952, \$6300 a year (8-23-51).
- DEES, MRS. MARGARET N., Instructor in Education, on one-half time, for the academic year beginning September 1, 1951, \$2150 (7-26-51).
- DESMOND, JOHN J., Assistant in Business Management Service, one year beginning September 1, 1951, \$3000 (8-24-51).
- DODGE, STEWART C., Assistant in English, nine months beginning September 16, 1951, \$2400 (8-6-51).
- DOLIN, M. I., Research Associate in Bacteriology, in the Graduate College, four months beginning September 1, 1951, \$350 a month, supersedes (9-5-51).
- DOWLER, ANITA L., Instructor in Home Economics Education, on 83/100 time, and Counselor on the University Council on Teacher Education, on 17/100 time, for the academic year beginning September 1, 1951, \$4000 (8-8-51).
- DUMAS, LENORE R., Instructor in Clinical Psychology, in the Department of Otolaryngology, in the College of Medicine, on four-fifths time, July 16-August 31, 1951, \$250 a month (8-23-51).
- EDMONDS, MARY P., Research Assistant in Chemistry, in the Graduate College, one year beginning September 1, 1951, \$4200, supersedes (8-23-51).
- ELLIS, AVERON H., Clinical Assistant in Obstetrics and Gynecology, in the Col-

- lege of Medicine, one year beginning September 1, 1951, without salary (8-25-51).
- ELWOOD, JOHN R., Assistant in English, nine months beginning September 16, 1951, \$2400 (8-6-51).
- ESTEP, MARIAN T., Veterinary Medicine Librarian, with the rank of Instructor, in the Library, one year beginning September 1, 1951, \$4000 (7-31-51).
- FAIR, JEAN E., Instructor in Education, in University High School, for the academic year beginning September 1, 1951, \$4500 (8-1-51).
- FARRIS, DOROTHY F., Head Resident of Lincoln Avenue Residence (North Half), ten months beginning September 1, 1951, \$3000. For the convenience of the University, she will also be furnished with room valued at \$10 a month, and three meals a day valued at \$21 a month, supersedes (8-25-51).
- FARRIS, HANSFORD W., Research Assistant in Electrical Engineering (S), one year beginning September 1, 1951, \$4400 (8-20-51).
- FISHER, HUBERT L., Exchange Assistant in the Library, one year beginning September 1, 1951, \$3225, supersedes (8-16-51).
- FITZGERALD, WILLIAM L., Assistant in Agricultural Economics (S), nine months beginning September 16, 1951, \$4200 (8-13-51).
- FLUHR, ANNE, Instructor in Home Economics (C), for the academic year beginning September 1, 1951, \$3500 (7-28-51).
- FORREST, EARL A., JR., Bibliographer, with the rank of Instructor, in the Library, one year beginning September 1, 1951, \$4000 (8-1-51).
- FOWLER, VERNON J., Research Assistant in Electrical Engineering (S), one year beginning September 1, 1951, \$4080 (8-23-51).
- FRANZBLAU, SANFORD A., Instructor in Medicine, in the College of Medicine, one year beginning July 1, 1951, \$3960 (7-23-51).
- FRIEDBERG, ARTHUR L., Research Associate in Ceramic Engineering (S), one year beginning September 1, 1951, \$6500 (8-20-51).
- FROMMHERZ, CARL J., Catalog Librarian, with the rank of Instructor, in the Undergraduate Division in Chicago, August 6, 1951-August 31, 1951, \$3970 a year, and for one year beginning September 1, 1951, \$4270 (8-7-51).
- FULK, BYRON E., Extension Specialist in the Division of University Extension, one year beginning September 1, 1951, \$4200 (8-16-51).
- GAIER, EUGENE L., Research Associate in Psychology, in the Graduate College, one year beginning September 1, 1951, \$4800 (7-18-51).
- GARDNER, MARY V., Assistant in Horticulture (S), on two-thirds time, September 1, 1951-February 15, 1952, and on full time, February 16-August 31, 1952, \$2954 a year (8-13-51).
- GARRETSON, ROBERT L., Instructor in Music Extension, in the Division of University Extension, one year beginning September 1, 1951, \$4500 (9-7-51).
- GIBBS, PETER G., Research Associate in Physics (C), one year beginning September 1, 1951, \$4800 (8-1-51).
- GLASER, ROBERT, Research Assistant Professor of Education, in the Bureau of Research and Service, five months beginning September 1, 1951, \$7000 a year (7-18-51).
- GOOCH, JAY D., Research Associate in Physics (C), one year beginning September 1, 1951, \$6000 (8-23-51).
- GOOCH, JAY D., Research Associate in Physics (C), July 6-August 31, 1951, \$500 a month, supersedes (7-25-51).
- GORDON, ARCHER S., Research Assistant in Clinical Science, in the College of Medicine, ten months beginning September 1, 1951, \$4080 a year (9-4-51).
- GOULD, R. GORDON, JR., Associate Professor of Biological Chemistry (Rush), in the College of Medicine, two months beginning July 1, 1951, without salary (8-16-51).
- GREENE, R. F., Research Associate in Physics (C), one year beginning September 1, 1951, \$4800 (8-1-51).
- GRUEN, WALTER, Research Associate in Psychology, in the Graduate College, September 16, 1951-August 31, 1952, \$4600 a year (8-29-51).
- GUMBINER, STANLEY H., Instructor in Medicine, in the College of Medicine, on one-half time, one year beginning September 1, 1951, \$3200 (8-25-51).
- GUSTAFSON, LEVARL M., Research Assistant in Psychology, in the Graduate College, August 1, 1951-August 31, 1952, \$3440 a year (8-9-51).

- GYARFAS, KALMAN, Assistant Professor of Psychiatry, in the College of Medicine, on three-fifths time, June 15-August 31, 1951, \$4000 a year (7-24-51).
- HAAS, LEWIS L., Assistant Professor of Radiology, in the College of Medicine, one month beginning August 1, 1951, \$500, supersedes (8-17-51).
- HALL, ARCHIBALD S., Instructor in Economics, for the academic year beginning September 1, 1951, \$3800 (8-23-51).
- HALTIWANGER, JOHN D., Instructor in Civil Engineering (C), for the academic year beginning September 1, 1951, \$4500 (8-7-51).
- HARRISON, LEWIS C., Instructor in the Institute of Aviation, one year beginning September 1, 1951, \$4200 (8-1-51).
- HAYES, ROSE B., Clinical Instructor in Psychiatric Nursing, in the School of Nursing, in the Illinois Neuropsychiatric Institute, on one-half time, two months beginning July 1, 1951, and on full time, for one year beginning September 1, 1951, \$3744 a year. For her convenience she will also be provided one meal a day valued at \$96 a year. (7-24-51).
- HEILPERA, GISELA, Catalog Assistant in the Library, September 17, 1951-August 31, 1952, \$3225 a year (8-25-51).
- HIRSCH, MARVIN M., Research Assistant in Preventive Medicine, in the College of Medicine, one year beginning September 1, 1951, \$3200, supersedes (8-27-51).
- HOGG, M. W., Assistant Professor of Economics, February 1, 1952-August 31, 1953, \$5400 (8-1-51).
- HUDELSON, ROBERT R., Acting Dean of the College of Commerce and Business Administration, one year beginning September 1, 1951, at a salary of one thousand five hundred dollars (\$1500), terminable prior to August 31, 1952, on a mutually agreeable date; also Associate Dean of the College of Agriculture for two years and Professor of Agricultural Economics on indefinite tenure, at a salary of twelve thousand dollars (\$12,000) a year effective September 1, 1951.
- HUDSON, PAUL K., Assistant Professor of Electrical Engineering, in the Bureau of Research and Service, on one-half time, June 16-August 18, 1951, and on full time, August 19-September 15, 1951, \$511.11 a month. This is in addition to his present appointment. (8-4-51).
- IDEN, C. S., Acquisition Assistant, with the rank of Instructor, in the Library, one year beginning September 1, 1951, \$3680 (8-8-51).
- JANNEY, IRWIN W., Research Associate in Physics (C), one year beginning September 1, 1951, \$5400 (8-23-51).
- JOHNSON, CHARLES E., Instructor in Teacher Training Counseling, on the University Council on Teacher Education, on one-fourth time, June 22-August 18, 1951, \$223 (7-31-51).
- JOHNSON, WILMA L., Instructor in Home Economics Education, on 33/100 time, and Counselor on the University Council on Teacher Education, on 17/100 time, for the academic year beginning September 1, 1951, \$2000 (8-15-51).
- KENNEDY, ELOISE M., Instructor in Education, on one-fourth time, for the academic year beginning September 1, 1951, \$1000 (7-18-51).
- KIRKLAND, WALLACE W., JR., Clinical Assistant in Medicine (Rush), in the College of Medicine, March 15-August 31, 1951, without salary (8-8-51).
- KIRKWOOD, BILLY D., Research Associate in Physics (C), September 17, 1951-August 31, 1952, \$5100 a year (8-23-51).
- KLEIS, R. W., Instructor in Agricultural Engineering (C and S), one year beginning September 1, 1951, \$4500 (7-23-51).
- KNOEBEL, HOWARD W., Research Associate in Physics (C), one year beginning September 1, 1951, \$6000 (8-23-51).
- KNOEBEL, HOWARD W., Research Associate in Physics (C), two months beginning July 1, 1951, \$500 a month, supersedes (7-25-51).
- KOONTZ, CARL H., Instructor in Civil Engineering (C), for the academic year beginning September 1, 1951, \$3300 (8-7-51).
- KORST, HELMUT H., Professor of Mechanical Engineering (C), on indefinite tenure beginning September 1, 1951, \$6500, supersedes (8-3-51).
- KOSTALEK, MARY E., Clinical Instructor in Pediatrics (Rush), in the College of Medicine, two months beginning July 1, 1951, without salary (8-16-51).
- KOVALY, JOHN J., Research Associate in Physics (C), one year beginning September 1, 1951, \$4800 (8-23-51).

- KROLOCK, EDWARD J., Instructor in Music, for the academic year beginning September 1, 1951, \$4000 (8-16-51).
- LANSFORD, EDWIN M., JR., Research Assistant in Chemistry, in the Graduate College, one year beginning September 1, 1951, \$4200 (8-23-51).
- LAWSON, RICHARD W., Assistant in Rural Recreation (E), one year beginning September 1, 1951, \$3600 (8-25-51).
- LEE, F. J., Assistant in Education, in the Graduate College, nine months beginning September 16, 1951, \$2400 (8-31-51).
- LEIMERT, MARY L., Instructor in Clinical Speech, in the Department of Otolaryngology, in the College of Medicine, one year beginning September 1, 1951, without salary (8-9-51).
- LEWENSTEIN, MORRIS, Instructor in Education, on the University Council on Teacher Education, on one-half time, for the academic year beginning September 1, 1951, \$2200 (7-31-51).
- LEWENSTEIN, MORRIS, Instructor in Education and Counselor on the University Council on Teacher Education, on one-third time, two months beginning July 1, 1951, \$296.30. This is in addition to his present appointment. (7-25-51).
- LUDWIG, EDGAR W., Assistant in Secretarial Training, in the Department of Business Organization and Operation, nine months beginning September 16, 1951, \$2900 (7-23-51).
- LUSTMAN, SEYMOUR L., Research Assistant in Pharmacology, in the College of Medicine, three months beginning July 1, 1951, \$3600 a year (7-23-51).
- LYTLE, MYRA, Circulation Assistant, with the rank of Instructor, in the Library, one year beginning September 1, 1951, \$3700 (8-20-51).
- MALLEY, CONSTANCE A., Clinical Instructor in Psychiatric Nursing, in the School of Nursing, in the Illinois Neuropsychiatric Institute, July 1, 1951-August 31, 1952, \$3984 a year. For her convenience she will also be furnished one meal a day valued at \$96 a year. (7-24-51).
- MANN, WILLIAM C., Assistant in Physical Education for Men, in the Undergraduate Division in Chicago, nine months beginning September 16, 1951, \$3000; in addition to \$150 paid from Student Athletic Activities (9-7-51).
- MARSHALL, CHARLES W., Instructor in Philosophy, for the academic year beginning September 1, 1951, \$3800 (8-2-51).
- MATTHEWS, EDITH A., Instructor in the Nursery School, in the Division of Special Services for War Veterans, for the academic year beginning September 1, 1951, \$3300, supersedes (8-7-51).
- MATSUK, AGNES A., Clinical Instructor in Psychiatric Nursing, in the School of Nursing, in the Illinois Neuropsychiatric Institute, July 16, 1951-August 31, 1952, \$3564 a year. For her convenience she will also be furnished one meal a day valued at \$96 a year. (7-24-51).
- McCLURE, ROBERT E., Research Assistant in Chemistry, in the Graduate College, nine months beginning September 1, 1951, \$3420 (7-18-51).
- McCORMICK, WILLIAM W., Research Associate (Consultant) in Physics (C), two months beginning July 1, 1951, \$806.67 a month (7-25-51).
- MCDONALD, VINCENT J., Research Assistant in Civil Engineering (S), one year beginning September 1, 1951, \$3900 (7-18-51).
- MCGLONE, JOHN L., Flight Instructor in the Institute of Aviation, one year beginning September 1, 1951, \$5050 (9-7-51).
- McKEY, BEULA, Assistant Professor of Home Economics (S), on three-fourths time, one year beginning September 1, 1951, \$3975, supersedes (8-18-51).
- McKINNEY, GEORGE W., Instructor in Speech, for the academic year beginning September 1, 1951, \$3000 (8-25-51).
- McMILLAN, M. ROSAMOND, Instructor in Biological Sciences, in the Undergraduate Division in Chicago, for the academic year beginning September 1, 1951, \$3500 (9-7-51).
- McNEIL, EDWARD B., Instructor in Physics (C), for the academic year beginning September 1, 1951, \$4200 (8-1-51).
- MELLON, MRS. DORIS L., Instructor in Education, for the academic year beginning September 1, 1951, \$4000 (9-11-51).
- MEYER, MRS. JULIA, Research Associate in Oral Pathology, in the College of Dentistry, one year beginning July 1, 1951, \$4620 (on leave of absence without salary for the month of July) (8-15-51).

- MILLER, ADAM W., JR., Research Assistant in Psychology, in the Graduate College, one year beginning September 1, 1951, \$3800 (8-29-51).
- MITTERLING, PHILIP I., Assistant in History of Civilization, in the Division of General Studies, nine months beginning September 16, 1951, \$3010 (8-8-51).
- MONSEN, HARRY, Research Assistant in Anatomy, in the College of Medicine, three months beginning July 1, 1951, \$3600 a year (7-23-51).
- MORROW, SUSAN CATHERINE, Assistant in Occupational Therapy, in the College of Medicine, August 23, 1951-August 31, 1952, \$3400 a year (8-27-51).
- MURRAY, ALBERT E., Research Assistant in Physics (C), August 3-September 15, 1951, \$300 a month (8-23-51).
- NEWLAND, T. E., To give instruction in Education in the Summer Session of 1951, August 1-August 18, 1951, \$482 for the period (7-10-51).
- NICE, SHIRLEY J., Research Assistant in Bacteriology, in the Graduate College, ten months beginning September 1, 1951, \$300 a month (9-11-51).
- NORBERG, RICHARD E., Research Associate in Physics (C), one year beginning September 1, 1951, \$6600 (8-23-51).
- OLINGER, MRS. BEULAH N., Assistant Reference Librarian, with the rank of Instructor, in the Library, one year beginning September 1, 1951, \$3850, supersedes (8-25-51).
- OSBORNE, JAMES W., Research Assistant in Physics (C), one year beginning September 1, 1951, \$3600 (8-23-51).
- OVERHAUSER, ALBERT W., Research Associate in Physics (C), one year beginning September 1, 1951, \$4800 (7-25-51).
- PACHTER, IRWIN J., Research Assistant in Chemistry, one year beginning September 1, 1951, \$4200 (7-31-51).
- PALUBINSKAS, FELIX S., Research Assistant in Physics (C), one year beginning September 1, 1951, \$3600 (7-18-51).
- PARKER, HOMER S., Clinical Instructor in Pediatrics (Rush), in the College of Medicine, two months beginning July 1, 1951, without salary (8-16-51).
- PATHEAL, LLOYD L., Instructor in Education, in the University High School, on two-thirds time, for the academic year beginning September 1, 1951, \$2667 (8-25-51).
- PERLIS, IRWIN B., Research Assistant in Botany, in the Graduate College, nine months beginning September 16, 1951, \$2623.33 (8-2-51).
- PERLIS, IRWIN B., Research Assistant in Botany, in the Graduate College, two months beginning July 1, 1951, \$266.67 a month (8-2-51).
- PEROT, PHANOR L., JR., Research Assistant in Psychiatry, in the College of Medicine, July 1-September 15, 1951, \$300 a month (7-28-51).
- PETERSEN, A. J., Research Associate in Physics (C), one year beginning September 1, 1951, \$4800 (8-23-51).
- PROTHE, WILBERT C., Research Associate in Physics (C), one year beginning September 1, 1951, \$4800 (8-23-51).
- PURDUM, RICHARD J., Assistant in English, nine months beginning September 16, 1951, \$2400 (8-6-51).
- QUINN, MARIAN, Instructor in Clinical Speech, in the Department of Otolaryngology, in the College of Medicine, on 65/100 time, one year beginning September 1, 1951, \$2400, supersedes (8-7-51).
- RAYMOND, RICHARD L., Research Assistant in Bacteriology, in the Graduate College, one year beginning September 1, 1951, \$3000 (9-11-51).
- REMOND, ANTOINE JEAN GUSTAV, Research Associate in Psychiatry, in the College of Medicine, two months beginning July 1, 1951, \$416.66 a month (8-8-51).
- REPLINGER, JOHN G., Research Associate in Architecture, in the Graduate College, two months beginning July 1, 1951, \$358.33 a month, supersedes (8-2-51).
- REPLINGER, JOHN G., Instructor in Architecture, for the academic year beginning September 1, 1951, \$4000 (8-1-51).
- RHODES, ASHBY M., Instructor and First Assistant in Vegetable Crops (Horticulture) (E and S), one year beginning September 1, 1951, \$4500 (8-2-51).
- RICHARDS, CLAIRE, To give instruction in Music in the Summer Session of 1951, on three-fourths time, June 26-August 18, 1951, \$667 for the period, supersedes (7-10-51).
- RIECHERS, CAROLINE, Chief Librarian (Rush), with the rank of Instructor, July 1, 1951-August 31, 1952, without salary, supersedes (8-16-51).

- ROGERS, MRS. BARBREA H., Instructor in Home Economics (C), for the academic year beginning September 1, 1951, \$3000 (7-28-51).
- ROSCOE, STANLEY N., Assistant Professor of Psychology, July 1, 1951-August 31, 1952, \$6500 a year, supersedes (8-15-51).
- ROSEN, MRS. MERIAM L., Assistant in Education, in the University High School, nine months beginning September 16, 1951, \$3400 (8-13-51).
- RUBENDALL, EDWARD I., Instructor in Education, in the University High School, on one-half time, for the academic year beginning September 1, 1951, \$1900 (8-1-51).
- RUSSEL, DARRELL A., Assistant in Soil Fertility (Agronomy) (S), one year beginning September 1, 1951, \$3600, supersedes (9-7-51).
- RUST, RICHARD H., First Assistant in Soil Physics (Agronomy) (S), on one-half time, September 15, 1951-January 15, 1952, and on full time, January 16-August 31, 1952, \$4500 a year, supersedes (9-7-51).
- RUTGARD, MEYER D., Clinical Assistant in Obstetrics and Gynecology, in the College of Medicine, one year beginning September 1, 1951, without salary (8-25-51).
- SANFORD, HEYWORTH N., Clinical Professor of Pediatrics (Rush), in the College of Medicine, two months beginning July 1, 1951, without salary (8-16-51).
- SARTAIN, EVERETT L., Research Assistant in Mechanical Engineering (S), one year beginning September 1, 1951, \$3300 (8-23-51).
- SAUER, GILBERT F., Assistant in Agricultural Engineering (S), one year beginning September 1, 1951, \$3800 (8-6-51).
- SAUNDERS, DAVID R., Research Associate in Psychology, in the Graduate College, one month beginning September 1, 1951, \$495 (8-31-51).
- SCHWEITZER, ALBERT W., Instructor in Pathology (Rush), in the College of Medicine, two months beginning July 1, 1951, without salary (8-16-51).
- SCOTT, MARSHALL J., Assistant to the Dean of the College of Agriculture, on one-half time, and Instructor in Student Teaching, on the University Council on Teacher Education, on one-half time, for the academic year beginning September 1, 1951, \$5000 (8-2-51).
- SCOTT, WILLIAM H. O., Instructor in Library Science and Chief Library Adviser, in the Undergraduate Division in Chicago, one year beginning September 1, 1951, \$4650 (8-7-51).
- SEAMAN, ROBERT F., Instructor in Education, in the University High School, for the academic year beginning September 1, 1951, \$3610 (8-25-51).
- SELTZER, HARRIETT, Instructor in Spanish, for the academic year beginning September 1, 1951, \$3200 (7-31-51).
- SHAFFER, PAUL R., Research Assistant in Chemistry, one year beginning September 1, 1951, \$4200 (7-31-51).
- SHAHANI, KHEMCHAND M., Assistant in Food Technology (S), one year beginning September 1, 1951, \$4200 (8-25-51).
- SHARP, HOWARD F., Manager of the Residence Halls, one year beginning September 1, 1951, \$6300 (8-30-51).
- SLACK, MRS. HARRIETT H. D., Research Assistant in Chemistry, in the Graduate College, September 16, 1951-August 31, 1952, \$2990 (8-23-51).
- SLOCUM, R. B., Cataloger, with the rank of Instructor, in the Library, July 23, 1951-August 31, 1952, \$3660 a year (7-31-51).
- SMITH, LYMAN J., Instructor in Education and Counselor on the University Council on Teacher Education, on one-half time, for the academic year beginning September 1, 1951, \$2000 (7-18-51).
- SPROW, ALLEN J., Education, Philosophy, and Psychology Librarian, with the rank of Instructor, in the Library, on three-fourths time, one year beginning September 1, 1951, \$3800 (8-25-51).
- SQUIRE, FAY H., Clinical Professor of Radiology (Rush), in the College of Medicine, two months beginning July 1, 1951, without salary (8-16-51).
- STALLINGS, ROBERT L., JR., Instructor in Accountancy, in the Department of Business Organization and Operation, on one-fourth time, for the first semester of the academic year beginning September 1, 1951, \$500 (9-11-51).
- STEHLE, HOWARD C., Clinical Assistant in Neurology, in the Department of Neurology and Neurological Surgery, in the College of Medicine, August 1, 1951-August 31, 1952, without salary (8-27-51).

- STEITZ, CHARLOTTE E., Instructor in Occupational Therapy, in the College of Medicine, July 23, 1951-August 31, 1952, \$4000 a year (7-31-51).
- STENDERUP, MARGIT R., Acquisition Assistant in the Library, one year beginning September 1, 1951, \$3225 (7-28-51).
- STEWART, GORDON S., Assistant Professor of Biological Chemistry (Rush), in the College of Medicine, two months beginning July 1, 1951, without salary (8-16-51).
- STOLUROW, LAWRENCE M., Research Associate in Psychology, in the Graduate College, one year beginning September 1, 1951, \$7600 (8-15-51).
- STRAND, ALAN L., Research Assistant in Psychology, in the Graduate College, one year beginning September 1, 1951, \$3440 (8-16-51).
- STROW, ROBERT W., Instructor in Education, in the University High School, for the first semester of the academic year beginning September 1, 1951, \$1600 (8-25-51).
- STUBBS, ALICE, Instructor in Home Economics (C), one year beginning September 1, 1951, \$3900 (9-8-51).
- SWARTZ, JOCELYN B., Instructor in the Nursery School, in the Division of Special Services for War Veterans, for the academic year beginning September 1, 1951, \$3400 (8-7-51).
- TAPLIN, LAEL B., Research Associate in Theoretical and Applied Mechanics, in the Engineering Experiment Station, one year beginning August 1, 1951, \$4200 (8-7-51).
- TAYLOR, BABETTE, Research Assistant in Bacteriology, in the Graduate College, one year beginning July 1, 1951, \$3600 (8-1-51).
- TAYLOR, CHARLES B., Assistant Professor of Pathology (Rush), in the College of Medicine, two months beginning July 1, 1951, without salary (8-16-51).
- THOMPSON, ANSON E., First Assistant in Vegetable Crops (Horticulture) (S), eleven months beginning October 1, 1951, \$4500 a year (8-2-51).
- TUCKER, THOMAS' C., Assistant in Soil Fertility (Agronomy) (S), one year beginning September 1, 1951, \$3600 (9-7-51).
- TUNG, TIE PAO, Research Associate in Civil Engineering (S), one year beginning September 1, 1951, \$4300, supersedes (8-15-51).
- TWEDELL, KENYON S., Research Associate in Physics (C), one year beginning September 1, 1951, \$4200 (8-23-51).
- TWEDELL, KENYON S., Research Associate in Physics (C), June 29-August 31, 1951, \$350 a month (7-25-51).
- TWIST, JANE E., Research Assistant in Chemistry, in the Graduate College, one year beginning September 1, 1951, \$3300 (8-16-51).
- VANCE, GRAHAM A., Instructor in Medicine, in the College of Medicine, on one-half time, one year beginning September 1, 1951, \$3200 (on leave of absence without salary, for military service) (7-27-51).
- VAWTER, GORDON F., Experimental Pathologist in the Aeromedical and Physical Environment Laboratory, two months beginning July 1, 1951, \$5500 a year (7-23-51).
- VERTOVEC, JEAN M., Assistant in Home Economics (C), nine months beginning September 16, 1951, \$3200 (8-31-51).
- WAGNER, JOSEPH, Research Assistant in Anatomy, in the College of Medicine, three months beginning July 1, 1951, \$3600 a year (7-23-51).
- WALKOWIAK, THERESA, Assistant in Home Economics (S), one year beginning September 1, 1951, \$3400 (8-16-51).
- WALL, FREDERICK T., Professor of Chemistry, on indefinite tenure, beginning September 1, 1951, \$10,800 a year, and Acting Dean of the Graduate College, one year beginning September 1, 1951, at an additional salary of \$1000, supersedes (8-27-51).
- WEIMER, RUTH H., Head Resident of Lincoln Avenue Residence (South), ten months beginning September 1, 1951, \$3300. For the convenience of the University, she will also be furnished with room valued at \$10 a month, and three meals a day valued at \$21 a month, supersedes (8-25-51).
- WEIR, EDWARD C., Instructor in Education, on the University Council on Teacher Education, for the academic year beginning September 1, 1951, \$4400 (7-31-51).
- WEISSMAN, IRA, Research Associate in Physics (C), one year beginning September 1, 1951, \$5100 (8-23-51).

- WEISSMAN, IRA, Research Associate in Physics (C), one month beginning August 1, 1951, \$425 (8-6-51).
- WENG, LORRAINE, Instructor in Nutrition, in the Department of Medicine, in the College of Medicine, one year beginning September 1, 1951, \$4500 (8-25-51).
- WESTON, JANET L., To give instruction in Economics, in the Summer Session of 1951, on one-half time, August 18-September 18, 1951, \$267. This is in addition to her present appointment. (8-27-51).
- WILKERSON, LOWELL E., Flight Instructor in the Institute of Aviation, one year beginning September 1, 1951, \$5350 (8-29-51).
- WINTER, DEAN W., First Assistant in Agricultural Engineering (S), one year beginning September 1, 1951, \$4400 (8-13-51).
- WINTEROWD, GEORGE C., Research Associate in Architecture, in the Graduate College, ten months beginning September 1, 1951, \$358.33 a month (8-2-51).
- WOLFE, EARL C., Associate Professor of Labor and Industrial Relations, in the Division of University Extension, on one-half time, and in the Institute of Labor and Industrial Relations, on one-half time, on indefinite tenure beginning September 1, 1951, \$7050 a year, supersedes (9-4-51).
- WORTH, WILLARD J., Research Assistant in the Small Homes Council, August 20, 1951-June 14, 1952, \$300 a month (8-13-51).
- YOUNG, GEORGE A., Instructor in Civil Engineering (C), for the academic year beginning September 1, 1951, \$5000, supersedes (8-7-51).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- ADAMS, JOHN G., Bristol Research Fellow in Pharmacology, in the College of Medicine, one year beginning September 1, 1951, \$1800 (8-23-51).
- BARBER, MARY RUTH, Mary E. Baker Fellow in Library Science, nine months beginning September 16, 1951, \$300 (8-7-51).
- BERNSTEIN, LIONEL M., R. J. Strassenburgh Research Fellow in Clinical Science, in the College of Medicine, eleven months beginning June 1, 1951, \$2400 a year (8-15-51).
- BLACKMORE, WILLIAM P., Roche Research Fellow in Pharmacology, in the College of Medicine, one year beginning September 1, 1951, \$1800 (8-25-51).
- BLACKMORE, WILLIAM P., Bristol Research Fellow in Pharmacology, in the College of Medicine, three months beginning July 1, 1951, \$150 a month (7-16-51).
- BRILL, NORMAN, Smith, Kline, and French Research Fellow in Pharmacology, in the College of Medicine, three months beginning July 1, 1951, \$150 a month (8-7-51).
- CARPINO, LOUIS A., Minnesota Mining and Manufacturing Company Fellow in Organic Chemistry, nine months beginning September 16, 1951, \$1200 (8-23-51).
- DELORENZO, WILLIAM, Standard Brands Fellow in Bacteriology, one year beginning September 1, 1951, \$3500 (8-16-51).
- GHER, RALPH, Victor Chemical Company Research Fellow in Chemistry, nine months beginning September 16, 1951, \$1500 (8-6-51).
- HAMBRO, VILHELM CATO GRIEG, Fellow in Education, February 1-June 15, 1952, \$425 (8-1-51).
- KELLY, THOMAS L., Parke-Davis Company Research Fellow in Biochemistry, one year beginning September 1, 1951, \$1440 (7-17-51).
- KING, ELLEN E., United States Public Health Research Fellow in Pharmacology, in the College of Medicine, seven months beginning September 1, 1951, \$3600 (8-23-51).
- KIPPUR, PERRY R., Western Cartridge Company Fellow in Inorganic Chemistry, nine months beginning September 16, 1951, \$1500 (8-7-51).
- KLASSEN, OTTO D., Research Fellow in Physiology, in the College of Medicine, July 1-September 15, 1951, \$150 a month (7-23-51).
- KREMEN, SAMUEL, Research Fellow in Physiology, in the College of Medicine, July 1-September 30, 1951, \$150 a month (8-7-51).
- KUPERMAN, IRVING, Research Fellow in Physiology, in the College of Medicine, July 1-September 30, 1951, \$150 a month (8-7-51).
- MAGARET, ANN, United States Public Health Postdoctoral Fellow in Psychiatry, in the College of Medicine, September 1, 1951-June 19, 1952, \$250 a month (8-7-51).

- MAGARET, ANN, United States Public Health Postdoctoral Fellow in Psychiatry, in the College of Medicine, June 20-August 31, 1951, \$250 a month (7-24-51).
- PIAZZA, SAL L., Smith, Kline, and French Research Fellow in Pharmacology, in the College of Medicine, three months beginning July 1, 1951, \$150 a month (8-7-51).
- PORTNEY, FRED R., Bristol Research Fellow in Pharmacology, in the College of Medicine, three months beginning July 1, 1951, \$150 a month (8-7-51).
- PURVIN, SARA, Zeta Phi Eta Fellow in Speech, nine months beginning September 16, 1951, \$700 (8-30-51).
- RAMASWAMI, DASU, Bristol Research Fellow in Pharmacology, in the College of Medicine, one year beginning July 1, 1951, \$1800 (7-23-51).
- RASMUSSEN, BETSY, United States Public Health Research Fellow in Physiology, in the College of Medicine, three months beginning June 1, 1951, \$166.66 a month (8-8-51).
- SCHOENFELD, MYRON R., Swift and Company Research Fellow in Clinical Science, in the College of Medicine, three months beginning July 1, 1951, \$150 a month (9-11-51).
- SEN, ARUN K., Lilly and Ohio Fellow in Surgery, in the College of Medicine, six months beginning September 1, 1951, \$150 a month (8-25-51).
- YOUNG, IRVING J., Mallinckrodt Research Fellow in Pharmacology, in the College of Medicine, three months beginning July 1, 1951, \$150 a month (7-23-51).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- ANDERSON, MRS. HOLLIS P., Acquisition Assistant in the Library—resignation effective 8-26-51.
- AYERS, ROBERT L., Flight Instructor in the Institute of Aviation—resignation effective 9-1-51.
- BIRD, MRS. THELMA C., Library School Library Assistant—resignation effective 9-1-51.
- BLOOM, MEYER, Fellow in Physics, in the Graduate College—resignation effective 9-16-51.
- BOLDEN, THEODORE E., Fellow in the College of Dentistry—resignation effective 7-31-51.
- BOLLINGER, FREDERICK W., Research Assistant in Pathology, in the College of Medicine—declination effective 9-1-51.
- BRADY, MRS. DOROTHY S., Professor of Economics, in the Department of Economics, and Research Professor of Economics, in the Bureau of Economic and Business Research—resignation effective 8-31-51.
- BRIGGS, CECIL C., Visiting Professor of Architecture—resignation effective 9-1-51.
- BRILL, JAMES W., Research Assistant in Mechanical Engineering (C)—resignation effective 9-1-51.
- BROOKS, ROBERT G., Assistant in English, and Assistant Executive Secretary of the Committee on Student English—declination effective 9-16-51.
- BUDD, EDWARD C., Assistant Professor of Economics—resignation effective 8-31-51.
- BYERS, FRANKLIN H., Research Assistant in the Bureau of Institutional Research—resignation effective 9-22-51.
- CANTRALL, MRS. MARGARET B., Instructor in Education, in the University High School—resignation effective 8-31-51.
- CAREY, GLENN O., Assistant in English—resignation effective 9-16-51.
- CONLEY, INEZ, Research Associate in the Bureau of Economic and Business Research—resignation effective 9-1-51.
- CROPEAU, GEORGE P., Instructor in Speech—declination effective 9-1-51.
- CZYZEWSKI, HARRY, Assistant Professor of Mining and Metallurgical Engineering (C)—resignation effective 9-1-51.
- DORNBUSCH, SANFORD M., Instructor in Social Sciences, in the Undergraduate Division in Chicago—resignation effective 8-31-51.
- DUBIN, SAMUEL S., To give instruction in Psychology in the Summer Session of 1951—declination effective 6-22-51.
- DUFOUR, LUIGI, Fellow in Civil Engineering, in the Graduate College—resignation effective 9-16-51.
- ECKERT, PETER A., Fellow in Music, in the Graduate College—resignation effective 9-16-51.

- EDWARDS, JOSEPH D., Research Assistant in Chemistry—resignation effective 9-1-51.
- ERICKSON, ROBERT F., Fellow in History, in the Graduate College—resignation effective 9-16-51.
- FEIN, GLORIA B., Research Assistant in Physiology, in the College of Medicine—cancellation effective 9-1-51.
- GAGE, LAWRENCE E., Assistant in Dairying Research (Dairy Science) (S)—resignation effective 9-1-51.
- GORDON, MILTON P., Abbott Fellow in Chemistry, in the Graduate College—resignation effective 9-15-51.
- GREEN, PAUL M., Professor of Management, in the Department of Business Organization and Operation—resignation effective 9-1-51.
- HAGEN, EVERETT E., Professor of Economics and Chairman of the Department—resignation effective 9-1-51.
- HOLMES, RICHARD R., Research Assistant in Chemistry—resignation effective 9-1-51.
- HURWICZ, LEONID, Professor of Economics, in the Graduate College—resignation effective 8-31-51.
- IRION, ARTHUR L., Associate Professor of Psychology—resignation effective 8-31-51.
- JOHNSON, ERIC H., Instructor in the Bureau of Research and Service—resignation effective 7-10-51.
- JOHNSON, G. ORVILLE, Assistant Professor of Education—declination effective 9-1-51.
- JOHNSON, ROBERT B., Research Assistant in Chemistry—declination effective 10-1-51.
- KELL, WALTER G., Instructor in Accountancy, in the Department of Business Organization and Operation—declination effective 9-1-51.
- KENT, FRANK B., Farm Forester (Forestry), in the Extension Service in Agriculture and Home Economics—resignation effective 7-31-51.
- KIRK, SAMUEL A., Professor of Education in the Summer Session of 1951—resignation effective 8-1-51.
- KLAUMANN, DORIS C., Assistant in Occupational Therapy, in the College of Medicine—declination effective 7-15-51.
- KROMREY, JOHN M., Instructor in Physical Education for Men, in the Undergraduate Division in Chicago—declination effective 9-1-51.
- KROUT, JOHANNA, Research Assistant Professor of Education—resignation effective 9-1-51.
- LEV, MAURICE, Associate Professor of Pathology, in the College of Medicine—resignation effective 9-1-51.
- LOB, CHESTER G., Research Associate in Electrical Engineering (C)—resignation effective 7-21-51.
- LOKEN, ROBERT D., Professor of Management, in the Business Management Service—resignation effective 8-31-51.
- MADISON, MYRON W., Assistant Professor of Farm Management (Agricultural Economics) (S and E)—declination effective 9-1-51.
- MALLEY, CONSTANCE, Clinical Instructor in Psychiatric Nursing, in the School of Nursing, in the Illinois Neuropsychiatric Institute—resignation effective 10-1-51.
- MARCUS, ELIZABETH PAINTER, Assistant Professor of Physiology, in the College of Medicine—resignation effective 8-31-51.
- MCANALLY, ARTHUR M., Associate Professor of Library Science, and Assistant Director for Public Service Departments, in the Library—resignation effective 9-1-51.
- MCCARTHER, E. MAXINE, Research Assistant in Medicine, in the College of Medicine—resignation effective 9-8-51.
- MCCORMICK, W. W., Research Associate (Consultant) in Physics (C)—resignation effective 9-18-51.
- MEAD, LAURA L., Fellow in Social Welfare Administration, in the Graduate College—resignation effective 7-6-51.
- MILLER, ROBERT G., Bristol Research Fellow in Pharmacology, in the College of Medicine—declination effective 7-1-51.
- MOORE, FREDERICK T., Assistant Professor of Economics—resignation effective 8-31-51.

- MUSGRAVE, STANLEY D., Assistant Professor of Dairy Production (Dairy Science) (C and S) — declination effective 9-1-51.
- NICKELS, WALTER A., Flight Instructor in the Institute of Aviation — declination effective 9-1-51.
- OVERHOLTZER, RICHARD L., Fellow in Accountancy, in the Graduate College — resignation effective 9-16-51.
- PATON, KATHARINE B., Commerce and Sociology Library Assistant — resignation effective 9-1-51.
- PETERSEN, FREDRICK A., Research Professor of Ceramic Engineering (C and S) — resignation effective 9-30-51.
- PROBST, DUANE W., Clinical Assistant Professor of Medicine, in the College of Medicine — resignation effective 7-30-51.
- RIBBINK, T. E., Instructor in Music and in Physical Education for Women — resignation effective 9-1-51.
- RIDENOUR, LOUIS N., Professor of Physics and Dean of the Graduate College — resignation effective 9-1-51.
- RODIA, JACOB S., Assistant in Chemistry, in the College of Pharmacy — resignation effective 9-1-51.
- ROTH, ROBERT S., Research Associate in Petrography, in the Engineering Experiment Station — resignation effective 9-24-51.
- RUNEY, JOSEPH B., Bibliographer, with the rank of Instructor, in the Library — resignation effective 10-21-51.
- RUSSELL, C. K., Research Assistant in Ceramic Engineering (S) — declination effective 9-1-51.
- ST. CLAIR, JANE, Catalog Librarian, in the Undergraduate Division in Chicago — resignation effective 8-4-51.
- SALOOM, JOSEPH A., Research Associate in Electrical Engineering (S) — declination effective 9-1-51.
- SMITH, BUFORD, Instructor in Electrical Engineering (C) — declination effective 9-1-51.
- SMITH, DOUGLAS B., Instructor in Economics — resignation effective 9-1-51.
- SMITH, MRS. ELIZABETH T., Instructor in Architecture — declination effective 9-1-51.
- SONNENSCHN, CARL L., Instructor in Mechanical Engineering (C) — declination effective 9-1-51.
- SONNENSCHN, RALPH, Research Associate in Psychiatry, in the College of Medicine — declination effective 9-1-51.
- SPRADLING, PHILIP A., Instructor in Journalism and Communications — resignation effective 8-31-51.
- STEWART, MARGARET O., Assistant in English — declination effective 9-16-51.
- STIPPES, MARVIN C., Assistant Professor of Theoretical and Applied Mechanics (C) — resignation effective 9-1-51.
- TATE, MRS. INEZ, Dean of Women — resignation effective 9-1-51.
- TERRILL, WILLIAM A., Instructor in Accountancy, in the Department of Business Organization and Operation — declination effective 9-1-51.
- TINSLEY, CLYDE H., Flight Instructor in the Institute of Aviation — resignation effective 9-1-51.
- TURNER, MARGERY, Instructor in Physical Education for Women — declination effective 9-1-51.
- VAN CAMP, JOHN C., JR., Farm Forester (Forestry), in the Extension Service in Agriculture and Home Economics — resignation effective 7-31-51.
- VAN TIENHOVEN, ARI, Assistant in Dairy Science, in the Agricultural Experiment Station — resignation effective 9-1-51.
- VUKASIN, PETER N., Assistant Professor of Economics — declination effective 9-1-51.
- WARN, G. FREDERICK, Fellow in Geology, in the Graduate College — resignation effective 9-16-51.
- WEHE, ROBERT L., Fellow in Mechanical Engineering, in the Graduate College — resignation effective 9-16-51.
- WIEGERT, PHILIP E., Fellow in Chemistry, in the Graduate College — resignation effective 9-16-51.

- WOODCOCK, HERBERT, Instructor in Pediatrics, in the College of Medicine—
 declination effective 9-1-51.
 WULFF, VERNER J., Associate Professor of Physiology—resignation effective
 9-1-51.
 YOUNG, NORMAN, To give instruction in Education in the Summer Session of 1951
 —resignation effective 8-9-51.

LEAVES OF ABSENCE

- CONDON, ARNOLD C., Associate Professor of Secretarial Training, in the Department of Business Organization and Operation—leave of absence, without salary, for the first semester of 1951-1952.
 CURTIS, JAMES O., Instructor in Agricultural Engineering (C and S)—leave of absence, without salary, July 16, 1951-August 31, 1952, for military service.
 FARNHAM, EARL M., Assistant Professor of Architecture—leave of absence, without salary, September 10, 1951-August 31, 1952, for military service.
 HAGEN, EVERETT E., Chairman of the Department of Economics—leave of absence, July 25-August 31, 1951.
 LOOMIS, F. WHEELER, Professor of Physics and Head of the Department (C)—leave of absence, without salary, for the academic year beginning September 1, 1951, so that he may continue serving as director of a defense project at the Massachusetts Institute of Technology.
 MCGLOTHLIN, MARGARET P., Assistant Editor of Publications, with the rank of Instructor, in the Agricultural Experiment Station—leave of absence, without salary, for the month of August, 1951.
 NORDSIECK, ARNOLD T., Professor of Physics, in the College of Engineering—leave of absence, September 1, 1951-January 31, 1952, so that he may continue his work at the Marine Physical Laboratory.
 REICKERT, FREDERICK A., Associate Professor of Civil Engineering (C)—leave of absence, without salary, September 1, 1951, and continuing until further notice, for military service.
 SHAHANI, KHEMCHAND M., Assistant in Food Technology (S)—leave of absence, without salary, for one month beginning October 15, 1951, so that he may return to India on personal affairs.
 WEHRLE, PAUL F., Instructor in Pediatrics, in the College of Medicine—leave of absence, without salary, beginning July 1, 1951, for military service.
 ZANDER, BERENICE A., Assistant Editor of Publications, with the rank of Instructor, in the Agricultural Experiment Station—leave of absence, without salary, for the month of August, 1951.
 ZUBKO, LEONARD M., Associate Professor of Mechanical Engineering (C)—leave of absence, without salary, for one year beginning September 1, 1951, to work on important defense projects.

DEGREES CONFERRED AUGUST 20, 1951

Summary

Degrees in the Graduate College:

Master of Education.....	40
Master of Arts.....	126
Master of Science.....	361
Master of Fine Arts.....	5
Master of Music.....	4
<i>Total, Graduate College.....</i>	<i>(536)</i>

Degrees in Law:

Bachelor of Laws.....	14
Doctor of Law.....	1
<i>Total, Law</i>	<i>(15)</i>

Baccalaureate Degrees:

Bachelor of Science, College of Agriculture.....	30
Bachelor of Science, College of Engineering.....	79
Bachelor of Arts, College of Liberal Arts and Sciences.....	41

Bachelor of Science, College of Liberal Arts and Sciences.....	38
Bachelor of Science, Library School.....	1
Bachelor of Science, College of Education.....	34
Bachelor of Science, College of Commerce and Business Administration.....	54
Bachelor of Science, School of Journalism and Communications.....	7
Bachelor of Science, College of Fine and Applied Arts.....	18
Bachelor of Fine Arts, College of Fine and Applied Arts.....	5
Bachelor of Music, College of Fine and Applied Arts.....	2
Bachelor of Science, School of Physical Education.....	3
Bachelor of Science, Division of Special Services for War Veterans....	25
<i>Total, Baccalaureate Degrees.....</i>	<i>(337)</i>
<i>Total, Degrees Conferred.....</i>	<i>888</i>

GRADUATE COLLEGE

Degree of Master of Education

DOROTHY ELIZABETH ABERLEY, B.S., Illinois Wesleyan University, 1944
 LOUIS CARROLL ANDERSON, B.S., 1948
 LOWELL FRANCIS BELCHER, B.Ed., Southern Illinois University, 1939; M.S., 1947
 FLOYD JOSEPH BINNINGER, B.S., University of Dubuque, 1950
 HELENE TEVA BLOCK, B.S., 1951
 ISAAC ALLEN CHARLTON, A.B., Dartmouth College, 1946
 JAMES WILLIAM COLEMAN, B.Ed., Eastern Illinois State College, 1940
 JOHN LEONARD CONANT, B.S., M.S., 1927, 1935
 CHARLES SYLVESTER DAVIS, B.Ed., Illinois State Normal University, 1936
 WILLIAM JOSEPH DEMBSKI, Jr., B.S., 1950
 BARBARA JEAN DICKEY, B.S., 1950
 CHARLES ROSCOE EVANS, B.S., Monmouth College, 1928; M.S., 1935
 MARY ELLEN EVERS, B.S., Illinois State Normal University, 1947
 LYMAN GREER, Jr., B.S., 1949
 WILLIAM SYLVESTER HARDY, B.Ed., Eastern Illinois State College, 1935
 RUDOLF EUGENE LEASMAN, B.Ed., Illinois State Normal University, 1932; M.S.,
 1939
 WILLIAM DAVID LEWIS, A.B., 1950
 DONALD MICHAEL LUKETICH, B.S., Arkansas State College, 1948
 WILLIAM JOHN MAHONEY, B.S., 1950
 MARTHA ROWENA ANDREWS MATEYKA, B.S., 1945
 WARREN MAULDING MCCARTAN, B.S., Southern Illinois University, 1944; M.S.,
 1946
 HENRY CHARLES MEYER, B.S., 1950
 HENRY JORDAN MEYER, A.B., Illinois College, 1943
 LLOYD PALM NELSON, B.S., M.S., 1942, 1948
 EUGENE CHARLES NEUNABER, B.S., Eastern Illinois State College, 1950
 MARJORIE DUDLEY REDDICK, A.B., Sam Houston State Teachers College, 1939;
 A.M., Colorado State College of Education, 1947
 NORMA THADY REID, B.S., Illinois State Normal University, 1945
 GEORGE ALBERT RICHTER, Jr., B.S., 1941
 CHARLES HENRY RIDEY, B.Ed., Eastern Illinois State College, 1940
 WILLIAM ERVAN ROUTEN, B.S., University of Kentucky, 1942
 JOHN LOREN SAPP, B.S., 1942
 GUS SKIZAS, B.S., 1950
 CHARLES STRUSZ, B.Ed., Southern Illinois University, 1940
 JOHN ROBERT SWANSON, A.B., A.M., Arizona State College, 1947, 1948
 CLIFTON LEROY TOZER, B.S., 1950
 GAIL FORREST UNDERWOOD, B.S., Culver-Stockton College, 1927; A.M., University
 of Iowa, 1937
 CAROL VENERABLE, A.B., 1950
 ALEXANDER WARD WASSON, B.Ed., Southern Illinois University, 1940; A.M., 1947
 NOBLE FOREMAN WRIGHT, A.B., 1948
 NORMAN YOUNG, B.S., College of the City of New York, 1948; A.M., Columbia
 Teachers College, 1949

Degree of Master of Arts

In Economics

JAMES ALVIA BEUCHERIE, A.B., Illinois Wesleyan University, 1950
 JOHN ROBERT DURBOROW, A.B., Temple University, 1950
 NORTON HAROLD KAY, A.B., 1951
 ROBERT BRUNO KUPSKI, A.B., 1949
 MICHIO MATSUKAWA, A.B., Tokyo Imperial University, 1947
 GLORIA VAN HOESEN MILLER, A.B., Vassar College, 1948

In Education

RAY EDWARD AHLRICH, B.S., Illinois State Normal University, 1948
 WILLIAM HARRIS ALLAWAY, B.S., 1949
 HARRIET JANE LINS BALDWIN, A.B., Duke University, 1937
 WILLARD HIRAM BARKER, B.Ed., Southern Illinois University, 1943
 LIBERO LORENZ BERTAGNOLLI, A.B., Washington University, 1939
 GERALD ALVIN BROOKS, A.B., Lincoln University, 1935
 ETHEL LOUISE CAYTO, A.B., Stowe Teachers College, 1941
 PATRICIA EUGENIA CURTIN, A.B., Southern Illinois University, 1949
 MARGARET MARY DALTON, A.B., Bradley University, 1933
 RONDELL LEE DAVIDSON, B.Ed., Eastern Illinois State College, 1940
 MARGARET ERNESTINE DAVIS, A.B., Grove City College, 1942
 ADELAIDE DURLEY, A.B., Bowling Green Business University, 1939
 ALICE L. ENTWHISTLE, A.B., 1930
 LUTHERIA ELLEN EVELAND, B.S., Indiana Central College, 1945
 TYRUS REX FRANKLIN, A.B., Eureka University, 1949
 RUTH MACAULEY GIVEN, A.B., Wheaton College, 1923
 ALBERT RUDOLPH GRAIFF, A.B., Illinois Wesleyan University, 1932
 CHARLES E. GRIEST, A.B., Colorado State College, 1940
 BARBARA STUART GUTOWSKY, A.B., Radcliffe College, 1950
 ELAINE HOOD, B.Ed., Southern Illinois University, 1942
 ALINE LUCILE HOSTLER, B.Ed., Illinois State Normal University, 1941
 GLORIA JEAN HURT, A.B., Stowe Teachers College, 1947
 STANLEY RICHARD HYNES, B.S., M.S., 1941, 1947
 IRMA MAE JOHNSON, A.B., Stowe Teachers College, 1930
 ALICE GRACE JONES, B.Ed., Southern Illinois University, 1940
 LUTHER ALLEN JONES, A.B., Stowe Teachers College, 1945
 GUYRENA JULIA KNIGHT, A.B., Stowe Teachers College, 1945
 FRANK THOMAS KNOLL, JR., Ph.B., Illinois Wesleyan University, 1949
 ELEANOR ISABELLE KOSS, A.B., MacMurray College, 1941
 KATHERINE MARY LANGTON, A.B., Bradley University, 1924
 BERNICE LEWIS, A.B., Stowe Teachers College, 1948
 EDMOND DALE LOVE, A.B., Culver-Stockton College, 1942
 LORENZ AUGUST MARTENS, A.B., 1947
 TED HUGHEY MATSEL, A.B., Murray State Teachers College, 1948
 MARGARET MARIE MILLS, A.B., Western College, 1946
 ERNESTINE WINIFRED MOORE, A.B., Stowe Teachers College, 1937
 VELMA CLOTILE MOTT, A.B., Stowe Teachers College, 1941
 MARY ARDILEE MYERS, A.B., Stowe Teachers College, 1945
 RICHARD THEODORE O'DAIR, A.B., Illinois College, 1942
 ARTHUR HAROLD OLSON, A.B., Carthage College, 1941
 DORIS BALLANCE ORMAN, A.B., MacMurray College, 1948
 CALVIN MARTIN PENFIELD, A.B., 1950
 LOUISE DOYLE PENNEY, B.S., Lincoln University, 1948
 THELMA CARLEEN PENNEY, A.B., Stowe Teachers College, 1949
 HUGH MARCUS PETERS, A.B., 1947
 RUTH RUSSELL POPE, A.B., 1945
 WILLIAM LEVON RAMSEY, B.Ed., Southern Illinois University, 1942
 NORMA LOUISE RIEHL, B.Ed., Illinois State Normal University, 1939
 THELMA MARIE RIGGIN, A.B., 1945
 KENT WILLIAM ROBINSON, B.S., Northern Illinois State Teachers College, 1948
 DARLENE MARIE SCHAEFER, A.B., 1945

JEANETTE FRANCES SHEFFER, B.S., Bradley University, 1943
DELLA CAROLINE SIMMONS, A.B., MacMurray College, 1948
IDA HARPER SIMMONS, A.B., MacMurray College, 1948
SISTER MARY AGNES BURKE, Ph.B., DePaul University, 1930
SISTER MARY CLETUS MOONEY, A.B., DePaul University, 1935
SISTER MARY DOMITILLA WHALEN, Ph.B., DePaul University, 1947
MARIO DONALD THOMAS, A.B., University of Dubuque, 1948
GLORIA THOMAS THORNTON, A.B., Stowe Teachers College, 1943
LAURA BELLE TURNER, A.B., Lincoln University, 1933
ESTELLA VAUGHN, A.B., Stowe Teachers College, 1933
M. LOIS EASTLUND WATSON, B.Oratory, Carleton College, 1931; B.Expression,
Drake University, 1932
MABEL BIGGS WATT, A.B., MacMurray College, 1927
JOHN LAWRENCE WESTHOFF, A.B., Quincy College, 1947
CONSETTA MAE WHITMORE, A.B., Stowe Teachers College, 1948

In English

JAMES LAWRENCE DONOVAN, A.B., Boston College, 1950
JAMES ROEMER JOHNSON, A.B., Olivet College, 1950
PHYLLIS ANNE JOHNSON, A.B., University of South Dakota, 1950
ONA ELSWORTH MCGOVNEY, B.Ed., Whitewater State Teachers College, 1948
BETTY PETERSON PIGHT, A.B., MacMurray College, 1949
HAYDEE SCHEININ, A.B., Lindenwood College, 1950
SISTER ROSINA CLARE SCHMIDT, A.B., Fontbonne College, 1946
ROLF SOELLNER, B.S., University of Erlangen, 1950
HARRY RICHARD STELLING, A.B., North Central College, 1950
LOUISE ALLEN WARREN, A.B., James Millikin University, 1930
MARVIN CHARLES WILSON, B.Ed., Illinois State Normal University, 1936

In Geography

ALAN STACY GARDNER, A.B., Carleton College, 1950

In German

GEORGENE MRACEK SCHMECKPEPER, A.B., 1950

In History

MARTHA ELLEN FIREBAUGH, A.B., 1950
JAMES FREDERICK HOOD, B.Ed., Southern Illinois University, 1946
JOHN ARTHUR HOST, A.B., University of Dubuque, 1941
CHARLES GARFIELD NAUERT, JR., A.B., Quincy College, 1950
JOHN IVAN PRIKOPA, B.S., 1950
DANIEL ROONEY, A.B., St. Ambrose College, 1944
BERNARD LOUIS ZAGORIN, A.B., 1950

In Labor and Industrial Relations

JAMES EDWARD JONES, A.B., Lincoln University, 1950
ARNOLD ROBERT WEBER, A.B., 1950

In Latin

DOROTHY HELEN HOENER, B.Ed., Western Illinois State College, 1943

In Mathematics

RUTH REBEKKA STRUIK, A.B., Swarthmore College, 1949

In Psychology

LEONA D'ACQUISTO, A.B., University of Wisconsin, 1949
JOE KAMENETZKY, B.S., Roosevelt College, 1950
THOMAS CHURCHILL ROWAN, A.B., 1950

In Social Sciences

EDWARD BRUCE GASSER, B.S., 1950
ELEANOR ELIZABETH MUNTWYLER, A.B., Denver University, 1947

In Sociology

LEONARD WILLIAM ARMON, B.S., 1949

In Spanish

QUENTIN GUY ACHUFF, A.B., 1950

FREDA LEORA KERNS, B.S., 1945

PHYLLIS ANN LINDELL, A.B., Rockford College, 1950

MAXWELL MOSS POWELL, A.B., Indiana State Teachers College, 1949

ELAINE LUCY RAASCH, A.B., 1949

JAMES GRAY SMALLEY, A.B., Illinois Wesleyan University, 1950

In Speech

SUSANNA BALTZER, B.S., Michigan State Normal, 1941

JAMES HUBERT CLAY, A.B., Indiana State Teachers College, 1948

ROBERT EDWARD DAVIS, A.B., 1947

NEWMAN GUTTMAN, A.B., University of Minnesota, 1949

WILLIAM VALENTINE KNUERR, Jr., B.S., 1950

ALBERTA FENN LEWIS, A.B., 1930

JOHN ROBERT MILLER, B.S., Southern Illinois University, 1950

In Statistics

EDWARD ROSENBERG, B.S., Roosevelt College, 1950

In the Teaching of English

BEVERLY GERARD WILSON, A.B., 1947

In the Teaching of Social Studies

GORDON LAVON DAVIS, A.B., 1949

RAYMOND WHITNEY EWELL, A.B., 1949

WALTER EUGENE FERGANUS, A.B., 1950

FREDERICK EARL GRIFFITHS, A.B., Blackburn College, 1950

OTTO MAX KOHLER, JR., A.B., 1949

DEANE FRANKLIN KRAMER, A.B., 1949

HARRY HERBERT SPAULDING, Jr., A.B., University of Michigan, 1949

RUDOLPH WILLIAM THOMAS, B.S., 1950

In the Teaching of Speech

ISABEL MARSHALL CROUCH, B.Ed., Southern Illinois University, 1942

DONALD LEE TORRENCE, A.B., 1948

Degree of Master of Science*In Accountancy*

VIRGIL EDWIN GOODRICH, B.S., 1950

ROBERT EDWARD SCHLOSSER, B.S., University of Notre Dame, 1950

EDWIN HENRY SIEMONS, B.S., 1950

In Aeronautical Engineering

RICHARD EDGAR MARTIN, B.S., 1950

In Agricultural Economics

JOHN THOMAS HARRIS, B.S.A., University of Georgia, 1948

In Agricultural Engineering

SAMUEL PARKER YOUNG, B.S., Clemson College, 1950

In Agronomy

MILTON DAVIS SHULMAN, B.S., 1950

In Animal Nutrition

KENDALL WAYNE BARBEE, A.B., Blackburn College, 1950

JOHN TITUS SIME, A.B., North Central College, 1950

In Animal Science

CHARLES ROGER ADAMS, B.S., Rutgers University, 1950
MARDEN BROADBENT, B.S., Utah State Agricultural College, 1937
BHUPENDRA CHANDRA DAS, B.S., Cornell University, 1949
ELMER LEO RICE, B.S., 1941
JOHN ALAN SHIELS, B.S., 1950
WILLIAM KENT WARDEN, B.S., 1948

In Bacteriology

ROBERT DAVID DEUFEL, B.S., Elmhurst College, 1950
HENRY FLOYD YARBROUGH, JR., B.S., 1950

In Botany

THEODORE DELEVORYAS, B.S., University of Massachusetts, 1950
MARY GRACE SOMERS, A.B., St. Francis Xavier University, 1949

In Chemical Engineering

HOWLAND AIKENS LARSEN, B.S., Massachusetts Institute of Technology, 1950
TUNG LIU, B.Ch.Eng., National Nankai University, 1947
ANDREW LEWIS MAVERICK, B.S., University of California, 1949
ARTHUR JOHN REINSCH, B.S., 1949
JAMES BOK WONG, B.S., University of Maryland, 1949, 1950

In Chemistry

LOUIS A. CARPINO, B.S., Iowa State College, 1950
JAMES WILLIAM CURRIER, B.S., 1950
ROBERT GLENN FESSLER, B.S., 1950
ROBERT LEIGH FISCHER, B.S., Northern Illinois State Teachers College, 1950
JEREMIAH PATRICK FREEMAN, B.S., University of Notre Dame, 1950
PAUL GENE GORDON, B.S., University of Denver, 1950
BARBARA JOY HUMMEL, A.B., Franklin College, 1947
RICHARD MCCREA POTTS, A.B., Knox College, 1950
ROBERT ERVIN PUTNAM, B.S., University of Massachusetts, 1950
EDWIN CHARLES STEINER, A.B., Hanover College, 1950
WALTER EUGENE THATCHER, B.S., Northwestern University, 1950
TOSHIO TSUZUKI, B.E., University of Tokyo, 1946
MARVIN TUNIS, A.B., Hunter College, 1950
PHILIP ERWIN WIEGERT, B.S., University of Wisconsin, 1950

In Civil Engineering

JAMES ROBERT FULLER, B.S., University of Kansas, 1950
JOSEPH PETER KAMINSKI, B.S., Purdue University, 1950
FIDEL VALDEZ RAMOS, B.S., United States Military Academy, 1950
BURDETT KINNEY STEARNS, B.S., University of Vermont, 1950
MOHAMED MOHSEN TEWFIK, B.S., Fouad First University, 1945
EWELL RANDALL VIGDORTH, B.E., Vanderbilt University, 1948
SERMET HUSEYIN YURTMAN, B.S., 1950

In Clinical Psychology

CALVIN KELLER CLAUS, A.B., Carthage College, 1949
IRENE MARY DAWSON, A.B., 1949
LORRAINE HAZEL GOLDBERG, A.B., 1950
WILLIAM EDWARD GOULD, B.S., University of Wisconsin, 1949
FRANK JOSEPH LOEFFLER, JR., A.B., 1949
JACK HUGH SCOTT, B.S., University of Florida, 1949
LEONARD SILVERMAN, B.S., Roosevelt College, 1949
DONALD EDWIN SORENSEN, A.B., University of Wisconsin, 1949
JOHN A. STERN, A.B., Hunter College, 1949

In Dairy Science

PERCY CHRISTOPHER BURK, B.S., Stephen F. Foster State Teachers College, 1950
CLARENCE JEREMIAH WILSON, B.S., 1950

In Dairy Technology

DONALD EDGAR MILLER, B.S., 1950

In Economics

PHILIP MACDONALD CARROLL, B.S., 1949

HOWARD RALPH HORROM, B.S., Bradley University, 1949

DONALD AARON NEUMANN, A.B., 1949

PAO-CHUNG MA YANG, LL.B., National Fuh-Tan University, 1945

In Education

JAMES ETHRIDGE AARON, B.S., 1950

EDWARD FRANCIS ADAMS, A.B., McKendree College, 1949

JOHN ANDREW ALLEN, B.Ed., Illinois State Normal University, 1935

AUDREY MYRTLE ASHLEY, B.S., Kansas State Teachers College, 1929

FRANCIS EDWARD BAILEY, B.S., Eastern Illinois State College, 1948

JAMES AMOS BAKER, B.E., Northern Illinois State Teachers College, 1939

DOROTHY MINNIETTA BARTLETT, B.S., Eastern Illinois State College, 1948

LOUISE BURK BEAN, B.S., 1943

JOSEPH MARION BIEDENBACH, B.S., 1950

HUBERT JARMUTH BITTER, B.S., 1949

JESSE CALVIN BLAIR, B.S., 1949

VIVAN CECIL BLAKELEY, B.S., Illinois Wesleyan University, 1930

RUTH TAGGART BORCHELT, B.S., Southern Illinois University, 1945

ELWYN LEROY BOSOMWORTH, B.S., 1941

FORREST ARTHUR BOYER, B.S., Eastern Illinois State College, 1947

ELIZABETH BRADFORD, A.B., Stowe Teachers College, 1944

HORTENSE JOSEPHINE BREDEHORST, B.S., Northern Illinois State Teachers College, 1946

REX EMERSON BROOKS, B.S., Indiana State Teachers College, 1946

PAUL WESLEY BROWN, B.S., 1939

MARIAN RUTH BUDE, B.S., 1946

HARRY EUGENE BUTLER, B.S., 1946

BROWN LEE CALLAHAN, B.S., Union College, 1937

EVERETT LESLIE CAMPBELL, B.S., 1948

ISABELLE BROWN CARTER, B.S., 1948

NINA KATHERINE CHESEBRO, B.Ed., Illinois State Normal University, 1942

FLORENCE ANNE CLARKE, B.S., Northern Illinois State Teachers College, 1946

GEORGE ALLEN CONDIE, B.S., Illinois State Normal University, 1949

WILLIAM LACEY CONNORS, B.S., 1950

JAMES EDWARD COVEY, B.Ed., Illinois State Normal University, 1931

CALVERT JOSEPH CRAIG, B.S., Southern Illinois University, 1949

MARY ALICE CULLEN, B.S., 1947

MARGARET MARIE DELLATORI, B.S., 1948

PETE DIPAOLO, B.Ed., Illinois State Normal University, 1940

FRANCES LOUISE DRENNAN, A.B., 1948

LEOLIA VIOLET DURELL, B.S., Olivet College, 1949

MADLINE ELLEN EAMES, B.Ed., Northern Illinois State Teachers College, 1947

WARREN CLIFFORD ELLIS, B.S., Northern Illinois State Teachers College, 1949

MAURICE JUNIOR ERRION, B.S., Bradley University, 1948

EDITH MAE ESTES, B.S., Illinois State Normal University, 1948

MAX EVERETT EVANS, B.S., Eastern Illinois State College, 1947

ANDREW FRANCIS FALLON, B.Ed., Illinois State Normal University, 1948

IDA LOUISE FARMER, B.S., Southeast Missouri State Teachers College, 1948

WILLIS HENRY FARNHAM, B.S., State Teachers College (Whitewater, Wisconsin), 1947

RUSSEL EARL FETTER, B.Ed., Illinois State Normal University, 1948

LATNEY NORMAN FIELD, B.S., Illinois State Normal University, 1946

NORMA BIELAWSKI FLANAGAN, B.S., 1948

JOHN HOWARD FRAZIER, B.S., Southern Illinois University, 1949

HARRY ALLEN GARRETT, B.S., Northern Illinois State Teachers College, 1948

EDWARD JAMES GEBHARDT, B.Ed., Northern Illinois State Teachers College, 1943

BARTLEY JAY GREENWOOD, JR., B.S., Eastern Illinois State College, 1945

THOMAS EDWARD GREGORY, JR., B.S., Eastern Illinois State College, 1947
BETTY JANE HALBERG, B.Ed., Eastern Illinois State College, 1937
LEROY ALBIN HALBERG, B.S., 1937
ALBERT LANDRUM HARLOW, B.S., Western Illinois State College, 1948
MORRIS VICTOR HEIDERSCHIED, B.S., 1944
STELLA MARIE HELD, B.S., Illinois State Normal University, 1943
RUSSELL ERNEST HEWITT, B.S., Illinois State Normal University, 1948
SIDNEY S. HIRONS, B.S., Southern Illinois University, 1940
ELEANOR NEWELL HODGE, B.Ed., Southern Illinois University, 1941
NORMAN RAY HOEFT, B.S., 1947
CLARA BELLE HUBBARD, B.Ed., Northern Illinois State Teachers College, 1945
DOUGLAS ROBERT HUNTER, B.S., Illinois State Normal University, 1948
JOHN ORVIS HUTCHINSON, B.S., Oakland City College, 1947
RUSSELL FRANCIS JACOBS, B.S., 1947
ROBERT EDWARD JAMES, B.S., Lincoln University, 1939
HOWARD OSTAL JOHNSON, B.S., 1935
IRENE LUELLA JOHNSON, B.S., Illinois State Normal University, 1945
LOUISE MARIE JOHNSON, B.Ed., Northern Illinois State Teachers College, 1935
NATHAN ELIJAH JOHNSON, B.S., 1942
NETTIE FRANCES JOHNSON, A.B., Stowe Teachers College, 1947
DON WILLIAM KIRCHHOFFER, B.S., Eastern Illinois State College, 1948
IRA FRANKLIN LARGE, JR., B.S., 1946
PAULINE MAE LEASMAN, B.Ed., Illinois State Normal University, 1932
ARLYN RAY LOBER, B.S., 1948
PHILIP WEAVER LOGSDON, B.S., 1949
LEONARD HARRY MACKAIN, B.S., Northern Illinois State Teachers College, 1948
DONALD MILTON MAECHTLE, B.S., 1949
WARREN FRANK MARA, B.S., 1949
CAMILLE DAVIS MARIEN, B.S., 1949
DEAN JOEL MARTIN, B.S., Illinois State Normal University, 1947
HELEN ELAINE MASON, B.Ed., Illinois State Normal University, 1941
JEAN EDWARD MASON, B.S., James Millikin University, 1946
ELMER MAURER, B.S., 1949
ANNA JEAN McDONALD, B.S., 1947
HAROLD ALVA MILLER, B.S., Eastern Illinois State College, 1948
WALTER MERLE MILLER, B.S., Western Illinois State College, 1947
NICHOLAS MILOSEVICH, B.S., A.B., Western Michigan College of Education, 1948
ROBERT LEE MIRUS, B.Ed., Eastern Illinois State College, 1941
JOSEPH HENRY MITCHELL, B.S., 1950
CHARLES WILLIAM MOHLER, A.B., Indiana University, 1940
LAURA S. MOLLET, B.S., Greenville College, 1943
GENE PHILLIP MOORE, B.S., 1950
DAVID ELMER MUDGETT, A.B., Gallaudet College, 1929
LELAND CHANDLER MURPHY, B.Ed., Eastern Illinois State College, 1939
MAY JANE MURPHY, B.S., 1939
MYRL EDWIN NEWCOM, B.Ed., Southern Illinois University, 1943
ALLEN WOODROW NINNESS, B.S., 1947
REEVE WISWALL NORTON, B.Ed., Illinois State Normal University, 1949
ALICE LUELLA O'BRIEN, B.S., 1945
JAMES NESTOR ORMAN, A.B., Gallaudet College, 1923
EZRA ELLIOTT ORMSBEE, B.S., Bradley University, 1947
RAY GORDON PEART, B.S., 1933
ROBERT DEAN PECK, B.Ed., Western Illinois State College, 1946
CHARLES HERMAN PEELER, JR., B.S., 1949
HELEN LUCILE PETERSON, A.B., Rockford College, 1934
HERMAN FRANCIS PINKELMAN, A.B., Quincy College, 1948
LUELLA FRANCES POOLEY, B.Ed., Illinois State Normal University, 1943
CEDRIC ALLAN POPE, B.S., Northern Illinois State Teachers College, 1949
HERBERT LEE RAWLINS, B.Ed., Western Illinois State College, 1939
WILLIAM EVANS RICHARDSON, Ph.B., University of Chicago, 1948; A.B., 1950
WILLIAM EDWARD RIDER, B.S., Indiana Central College, 1947
BARBREA HILL ROGERS, B.S., Berea College, 1949
ELMER LOUIS SCHOENEBERG, B.S., 1947

HAROLD LOUIS SCHULTZ, B.S., Eastern Illinois State College, 1947
 HOWARD ARTHUR SCHULTZ, B.S., University of Minnesota, 1948
 ROBERT FLOYD SEBASTIAN, B.Ed., Illinois State Normal University, 1940
 ANNA MAY SETZEKORN, B.S., 1946
 PAUL JOSEPH SHEA, B.S., James Millikin University, 1948
 GLEN DELMAR SHIPPY, B.S., 1938
 HAROLD JOSEPH SMITH, B.S., Illinois State Normal University, 1949
 WILLIAM JACKSON SMITH, A.B., Lincoln University, 1949
 HARRY EUGENE SOPER, B.S., Western Illinois State College, 1948
 FRANK ANDREW SOTKA, B.S., Illinois State Normal University, 1949
 RALPH DAVIS STOAFAER, B.S., Southern Illinois University, 1948
 LAWRENCE EUGENE STONE, B.S., Southern Illinois University, 1949
 AUGUSTUS STRICKLAND, B.S., East Central State College, 1939
 DONNA VEA FOREHAND STRICKLAND, B.S., East Central State College, 1938
 RAYMOND WILLIAM SUDDARTH, B.Ed., Eastern Illinois State College, 1941
 MAURICE REX TAYLOR, B.Ed., Eastern Illinois State College, 1941
 TAYLOR LEE THOMAS, B.S., Tennessee State Teachers College, 1935
 ELEANOR JANE THOMPSON, B.Ed., Southern Illinois University, 1942
 JOHN HARDING TOWNER, B.S., Michigan State College, 1948
 DON LEACH VIAR, B.S., Western Illinois State College, 1945
 STANLEY LEE WEBER, B.S., 1948
 RALPH ROBERT WHITE, B.S., Eastern Illinois State College, 1948
 FRANCIS LEO WILHELM, A.B., 1950
 THOMAS STONEWALL YOUNG, B.S., Eastern Illinois State College, 1947
 ROBERT HENRY ZELLER, B.S., Shurtleff College, 1948

In the Education of Mentally Handicapped Children

MILDRED KATHRYN KRANER, B.S., Eastern Illinois State College, 1947
 ROBERT MORRIS TOMLINSON, B.S., 1950

In Electrical Engineering

QUENTIN LEROY BONNESS, B.S., University of Nebraska, 1943
 RAYMOND EUGENE BRANDES, B.S., Washington University, 1949
 JAMES RALPH BURROUGHS, B.S., University of Michigan, 1949
 MAX STUART CASLER, B.S., 1950
 DEBDAS CHAUDHURI, B.S., Calcutta University, 1949
 JAMES JOSEPH DORNEY, B.S., United States Military Academy, 1946
 GERALD SAMUEL EPSTEIN, B.S., United States Military Academy, 1946
 ALEXANDER HENRIQUE GERARDO, B.S., United States Military Academy, 1946
 RICHARD EMMERICH GORZUCK, B.S., 1950
 CARL WILLIAM GUSTAFSON, B.S., Oregon State College, 1950
 JOHN PANNILL HASTINGS, B.S., Virginia Military Institute, 1943
 WALTER WILLIAM LONG, B.S., 1951
 ROBERT EDWIN McCLURE, B.S., 1950
 CHARLES ROBERT MYER, B.S., United States Military Academy, 1946
 BASIL ROLAND MYERS, B.S., University of Birmingham, 1950
 CHARLES HENRY PHIPPS, JR., B.S., Virginia Military Institute, 1937
 MURRAY PUTZER, B.S., United States Military Academy, 1946
 AMOS BLANCHARD SHATTUCK, B.S., United States Military Academy, 1946
 EDWIN MANNING STRYKER, B.S., 1950
 ROBERT WILLIAM STUDER, B.S., United States Military Academy, 1939
 CHARLES RAYMOND WILLIAMS, B.S., 1950

In Entomology

THEODORE DASHMAN, B.S., Brooklyn College, 1950
 GUY JOHN NOERDINGER, B.S., 1949
 WILLIAM ROBIN RICHARDS, B.S., University of Alberta, 1949

In Geography

GEORGE DONALD HACK, B.S., Eastern Illinois State College, 1950
 JOSEPH FRANK SINKIAWIC, B.S., Southern Illinois University, 1947
 HERBERT SLUTSKY, B.S., 1950

In Geology

NORMAN FREDERICK SOHL, B.S., 1949

In Home Economics

MARGARET GRACE BAKER, B.S., 1941

EDITH ALGOE BRAMBLE, B.Ed., Illinois State Normal University, 1937

HARRYETT JANE MILLER, B.S., Bob Jones University, 1949

RACHEL JOYCE RUTHERFORD, B.S., Purdue University, 1950

In Home Economics Education

MARGARET KNOTTS BARKLEY, B.S., James Millikin University, 1949

FLORENCE WADE BUTLER, B.Ed., Southern Illinois University, 1941

LOIS ISABELLE FINLEY, B.S., 1948

RUTH GERTRUDE JOHNSON, B.S., 1947

BERTHA EILEEN MATHIAS, B.S., Eastern Illinois State College, 1947

DOROTHY LOUISE GIBBS MAXWELL, B.Ed., Eastern Illinois State College, 1934

LOIS VIRGINIA OTTMAN, B.S., Central Missouri State College, 1946

IRENE LUCILLE PRICE, B.S., Bradley University, 1940

ABBIE MARIE SCHROTH, B.S., 1945

MARJORIE ARLINE SIDWELL, B.S., Western Illinois State College, 1946

EMMA MAY BRITTIN WHITEFORD, B.S., North Dakota Agricultural College, 1938

In Horticulture

MILTON BRUCE DAVIS, B.S., Pennsylvania State College, 1950

TED GREGORY KLINE, B.S., Pennsylvania State College, 1950

In Journalism

KENNETH MARNE BAKER, B.S., 1948

SAMUEL RAYBURN WATKINS, B.S., Murray State Teachers College, 1943

In Library Science

LOREN HENRY ALLEN, B.Ed., Southern Illinois University, 1937

NORMA LUCILLE ANG, A.B., Rockford College, 1930

DALE MONROE BENTZ, A.B., Gettysburg College, 1939; A.B.(L.S.), University of North Carolina, 1940

DOROTHA MARIE BOSKET, B.Ed., Southern Illinois University, 1939; A.M., 1943

ALFRED NORTHRUP BRANDON, B.S., Syracuse University, 1948

DORRIS ALEXANDER BROWN, A.B., Arkansas State Teachers College, 1931; A.B.(L.S.), George Washington University, 1937

LAWRENCE WINGATE BROWN, A.B., University of North Carolina, 1947

LEONARD COBURN, B.S., 1949

RUTH IRENE COX, A.B., University of Oklahoma, 1945; B.S.(L.S.), 1946

VELMA MAY CRAVENS, A.B., James Millikin University, 1942

HENRY FITZHUGH DADE, B.S., Davidson College, 1938

VIRGINIA WHITE ERVIN, A.B., University of Kansas City, 1949

ILO DOLORES FISHER, A.B., Wittenberg College, 1935; B.S.(L.S.), 1940

ESTHER ROHNER FRY, B.S., Indiana State Teachers College, 1947

JEAN ELIZABETH GILBORNE, B.Ed., Illinois State Normal University, 1937; A.M., 1944

MARIE ELIZABETH GORMAN, B.Ed., Illinois State Normal University, 1943

ADA LEONA HAVILAND, B.S., University of Alabama, 1940

RICHARD BRUCE HOLLOWAY, B.S., Municipal University of Wichita, 1950

ELLEN KROLL JENKINS, A.B., Indiana University, 1947

VANJA YNGVEANN KASTMAN, B.S., Northwestern University, 1949

JOHN EDGAR KEPHART, A.B., Wheaton College, 1948; A.M., 1949

MARTHA KESTER, A.B., James Millikin University, 1950

LORETTA BARBARA KREUZ, A.B., Marquette University, 1932; A.B.(L.S.), University of Michigan, 1936

MARY LOU LITTLE, B.Mus., 1943

LOIS AVERIL MICHELS LYONS, A.B., Olivet College, 1948

DOLORES WILLIAMS MOSES, A.B., Fisk University, 1933

KATHARINE BULKLEY PATON, A.B., Vassar College, 1939
IRENE BENNETT POPE, A.B., Judson College, 1926; B.S.(L.S.), Louisiana State University, 1935
CATHERINE MARGARET RICHARDSON, A.B., University of Denver, 1944
LEOLA MYRICK ROSS, A.B., Paine College, 1935; A.B., Weston State College, 1940; B.S.(L.S.), 1941
RICHARD JOHN RYAN, Ph.B., Marquette University, 1950
ISAURA ELENA SALAZAR, A.B., National University, 1949
SISTER MARY CLARICE KAPPES, A.B., A.M., DePaul University, 1932, 1945
CHRISTINE STANFIELD, A.B., Guilford College, 1946
MARGIT RIGMOR STENDERUP, B.S., Illinois State Normal University, 1950
ELLENOR MARY SUMMERTON, A.B., Emmanuel Missionary College, 1942

In Management

HARRY JACK BOKENKAMP, B.S., 1947

In Marketing

RICHARD ALAN GRIFFITH, B.S., James Millikin University, 1949

In Mathematics

PETER KARL KUFFNER, B.S., University of Chicago, 1948
RICHARD EUGENE PRIEST, B.S., 1950
EARL JUSTIN SCHWEPPE, B.S., Missouri Valley College, 1948
JOYCE WHITE WILLIAMS, A.B., University of Minnesota, 1949

In Mechanical Engineering

THEODORE WILLIAM BAYLER, B.S., 1950
GUSTAV OLIVER HANDEGORD, B.Eng., University of Saskatchewan, 1946
ARTHUR VINCENT HOUGHTON, III, B.S., 1948
GERALD WESLEY SADLER, B.S., University of Saskatchewan, 1947
JAMES MICHAEL SNEYD, B.S., 1950

In Mining and Metallurgical Engineering

WILLIAM RUSSELL HOSKINS, B.S., 1950
THOMAS SHERMAN NOGGLE, B.S., 1948

In Music Education

ROBERT SITTIG BAILE, A.B., Morehead State College, 1950
MARY JO MAISCH BROWN, B.S., Eastern Illinois State College, 1950
EUGENE PATRICK COLLINS, B.S., Eastern Illinois State College, 1948
JAMES ARTHUR GRIGGS, B.Mus.Ed., Oklahoma Agricultural and Mechanical College, 1949
BARBARA ANN GRUMLEY, B.S., 1950
OBED WAYNE HENDERSON, B.Ed., Southern Illinois University, 1947
JOHN B. HESS, B.Mus.Ed., Murray State Teachers College, 1950
GERALD MARLIN PERKINS, B.S., Illinois Wesleyan University, 1950
PERDUE JACOB POWLEN, B.S., 1939
FRED VICTOR SIMON, B.S., 1948
JOHN ELLSWORTH THOMAN, B.S., University of Kentucky, 1942
MILDRED JOYCE THOMPSON, B.S., Lincoln University, 1949
DAVID HENRY WINSLOW, B.Mus.Ed., Murray State Teachers College, 1950

In Physical Education

WILLIAM JOHN BARBER, JR., B.S., Springfield College, 1948
HAROLD JACOB FREY, B.S., Pennsylvania State College, 1945
CLIFTON DALE FULTON, B.S., 1950
RICHARD EDWIN HOPKINS, JR., B.S., Miami University, 1950
EDWIN EDGAR KEHE, A.B., Albion College, 1950
NYE LEE LABAW, B.S., 1949
GERALD BERT LEMON, A.B., Knox College, 1943
EDWIN CHARLES LUNDIEN, B.S., 1950

KENNETH RODNEY MCGUIRE, B.Ed., Southern Illinois University, 1940
RAYMOND EDWIN MEYER, B.S., Kansas State Teachers College (Emporia), 1942
FRED SCHARF, B.S., James Millikin University, 1941
IRA EDWARD SCOTT, JR., A.B., Illinois College, 1939
THOMAS STEWART SCOTT, B.P.E., University of Toronto, 1944
BURTON MARSHALL SEIDLER, B.S., 1948
MATTHEW THOMAS SMERDEL, B.S., 1950
JOHN LLOYD TILLEY, B.S., State Teachers College (Cortland, New York), 1951
JOHN EDWARD TIMMERMAN, B.S., Carthage College, 1949
JACK VINCENT TOOHEY, A.B., Arizona State College, 1950
MICHAEL ANTHONY VINCITORE, B.S., State Teachers College (Cortland, New York), 1950
WILLIAM DALE WILKINSON, B.S., Southern Illinois University, 1948
MICHAEL STEPHEN YUHASZ, A.B., University of West Ontario, 1950

In Physics

RICHARD DAVID FINCH, B.S., Montana State College, 1944
GEORGE EDWARD MODESITT, B.S., 1951
RICHARD ALLAN RUBENSTEIN, B.S., Ohio State University, 1950
EDWARD SONDER, B.S., Queens College, 1950
RONALD FOREST TUCKER, JR., B.S., Union College, 1950

In Physiology

EINAR AXEL JUHLIN, B.S., 1950
CHARLES EUGENE SMITH, JR., B.S., Duke University, 1947

In Sanitary Engineering

JAMES PETRICA, B.C.E., College of the City of New York, 1947

In Speech Correction

FRANCES LEONA BARNES, A.B., Louisiana Polytechnic Institute, 1946; M.E., Louisiana State University, 1947
ELIZABETH MILLOY BLINDT, B.S., Washington University, 1940
CHARLOTTE KECK, B.S., 1950
WILBUR SCOTT MENTZER, B.S., 1949
RICHARD ELDON PERRY, B.S., Eastern Illinois State College, 1949
IRENE RAUCH, B.Ed., Illinois State Normal University, 1941
VERNA BERNICE SETINZ, B.S., 1948

In the Teaching of Biological Sciences and General Science

MARGARET TROUTMAN CARNAHAN, B.Ed., Illinois State Normal University, 1940
LEROY JOHNSON HANKINS, B.S., Olivet Nazarene College, 1950
GEORGE KURTO, JR., B.S., 1949
CHARLES LA RUE SWINNEY, B.S., Southern Illinois University, 1948

In the Teaching of Mathematics

SHIRLEY ANN ALDOUS, B.S., 1951
WAYNE PAUL BRAUER, A.B., James Millikin University, 1949

In Theoretical and Applied Mechanics

DANIEL POST, B.S., 1950
JOHN YOUNG, B.S., Glasgow University, 1944

In Vocational Agriculture

LOREN KEITH ROBINSON, B.S., 1941

In Zoology

RALPH STERLING ESPENSHADE, B.S., Kansas State College, 1950
VINCENT GALLICCHIO, B.S., University of Michigan, 1950
EUGENE LEROY NAKAMURA, B.S., 1950
LOUIS JOSEPH SAAD, B.S., Bradley University, 1950

HERMAN SCHNEIDER, B.S., Roosevelt College, 1949
 HARRISON SMITH, JR., B.S., Bradley University, 1950

Degree of Master of Fine Arts

In Art Education

DANIEL ADOLPH COHEN, B.F.A., 1950

In Painting

ROGER LYNN CROSSGROVE, B.F.A., University of Nebraska, 1949
 ALBERT JOHN KAYTOR, B.F.A., Pratt Institute, 1950
 ROBERT ARTHUR LEADER, B.F.A., Yale University, 1950
 SANDY SAUNDERS SCHULTZ, B.F.A., Washington University, 1950

Degree of Master of Music

FREDERICK JAMES KENT, B.Mus., DePauw University, 1950
 MARIE ESRON LARSEN, B.Mus., 1945
 DOROTHY LENORE STEPHENSON, A.B., Hamline University, 1950
 WARREN KENT WERNER, B.Mus., Southern Illinois University, 1950

COLLEGE OF LAW

Degree of Bachelor of Laws

PAUL ROBERT BERÉ, A.B., Calvin College, 1949	JOHN CHARLES McNAMARA, A.B., DePauw University, 1950
EDWARD JOSEPH FARRELL, B.S., 1948	CARMEN RUSSELL MILANO, B.S., 1949
JERRY JOSEPH GAMBINO, B.S., 1950	ALEXANDER VASIL NAUMOFF, B.S., Miami University, 1948
RICHARD EUGENE GILLAN, B.S., 1950	MARY HULL NAUMOFF, B.S., 1949
MORRIS GREEN, A.B., 1950	JACK RANDALL, B.S., 1950
HARRIS LEONARD KIMBALL, B.S., 1950	FRANK JAMES RICHARD SHAY, A.B., 1949
FRED ROY LUBBE, A.B., University of Washington, 1949	JOSEPH REED SPITZ, B.S., 1950

Degree of Doctor of Law

LAWRENCE JOHN DESMOND, B.S., 1949; with Honors

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

RUSSELL EUGENE ALDERSON	KEITH RABER HOOBLER
JAMES DE BOER	DAVID PAUL HUNTER
RICHARD DEAN GIBB	EDWIN PAUL KIRKPATRICK
RICHARD HUGH GILBERT	JERRY ANTON KOLAR, with Honors
HENRY IRVIN GREEN	WILLIAM RICHARD LAMKIN
CHARLES R. HAMILTON	NORMAN THOMAS MODGLIN
DUANE EUGENE HANEY	ROBERT EDGAR OSTERBUR
GERALD DUNAVEN HARPOLE	MIRON JAMES ROBERTS
EDWARD LAWRENCE HEALEY, with Honors	JOHN PAUL ROSBOROUGH
CHARLES JOHN HEIDENREICH	FRANK JOSEPH SVIHLA, Jr.
WAYNE ROBERT HENDERSON	CHARLES WARREN ZIMMERMAN, with Highest Honors

In Home Economics

PATRICIA ANN BAST	DORIS ANN HIMES
KATHERINE HOOPLE CASKEY	JANET ADELE NESBITT
MARION CHANDLER	JO ANN ELIZABETH UNSSELL
CLEO ALFREDA HALL, with Honors	

In Home Economics Education

WILMA LAVERNE CLUVER

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aeronautical Engineering*HENRY WAYNE FRAZER
JOHN RICHARD GEISTELMER HENRY SCHIRMER, JR.
DAVID WIEBOLDT SIECK*In Agricultural Engineering*

KENNETH GLYNN KAMPENGA

CHARLES MERLE NOBLE

In Ceramic Engineering

GEORGE EARL BRINKERHOFF

GEORGE ROBERT COURT

*In Civil Engineering*ANTHONY ANDREW ANTONIOU
JAMES BERNARD BECKER
JOHN HOBART BOOMER
HARRY BERNELL CUNDIFF
STANLEY JAMES GERUT
HERBERT RAYMOND HELGESON
JOSEPH JOHN JEROME JENOAUGUST VINCENT LIESSE
INOCENTE VIRGILIO MORENO-CARDOZA
MILO ROBERT OLSEN
LOWELL EDMUND ROBERTS
ARNOLD DAVID SAUERS
BILLY JAMES SAYERS
ABRAHAM SIMOFF*In Electrical Engineering*GORO GEORGE ASAKI
RICHARD JOSEPH BUNATA
SCOTT HOGARTH CAMERON, with Honors
HAROLD IVAN DOWNS
EUGENE ANTHONY ESKE
HERMAN WILLIAM FECHTNER, JR.
JAMES JOSEPH GARREY, JR.
ALBERT GEARING
ABRAHAM MEU SEN GOO
LEWIS H. GOULD
IVO HERZER
JAMES WILLIAM KAY
RICHARD JOSEPH KLENSCH
EARL LOUIS KORNFELD
MILTON LOUIS KULT
RICHARD WARREN LARSON
BRUNO JOSEPH LEGINSKIALBERT MARTIN LOCK
GEORGE COTTLE MANUS
GERALD EDWARD MARTIN
ALEXANDER DOMINIC PERWICH
JOHN ANTHONY PLANEY
NORMAN KEITH POOLE, with Honors
HAROLD EUGENE RAPER
WILLIAM FRANKLIN SANDUSKY
HENRY ALBERT SCHOWENGERDT, JR.,
with High Honors
JOHN CLIFTON SIMPSON
DANIEL STANLEY SUROWIEC
DONALD THEODORE TROUPIS
DON TUCKER
ROBERT LOWELL WEBER
THEODORE OTIS WRIGHT*In Engineering Physics*

DAVID JORDAN KNECHT

In General Engineering

JAMES WARREN BALDWIN, JR.

HARLEN EARL MITCHELL

*In Mechanical Engineering*ROGER MORSE BAKER
RICHARD WALTER BEILE
DONALD EDVIN CAIN
RICHARD CARMEN COSTELLO
MARVIN GEORGE GETZ
ELDRED JEROME HALEY
LLOYD JAMES HILL, JR.
MURRAY IMBER
LAWRENCE JOSEPH KEHL
RAYMOND HOWARD KRAULFRANK LUDICKY
CARL EUGENE MORRIS
ANTON JESSE PAILLERON
BENJAMIN ALEX PISKUN
EDWARD JOHN PULO
CLARENCE CHARLES TREFZ
ROBERT CLARK WILLIAMS
JAMES ROBERT WINSTON
MITSURU YAMAMOTO

In Metallurgical Engineering

CHARLES DELBERT ASHERMAN
ROBERT GEORGE MICAN

FRANK CHARLES RALLY

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

HOWARD DONALD BARTELSEN
ROBERT ERICK BOVIK
HERBERT SIDNEY CHANNICK
MARGARET EUGENIE CLARK
WALTER STANLEY CZARNIK
BARBARA ANN FAHLE
FAYE ALLYN GETMAN
MARY LOUISE JEMMI
WALTER ROBERT JONES
FRANCES KAHN
GEORGE KLEIN
FRED JOHN STANLEY KONZELLA
WALTER WILLIAM KRELLE
CHARLYN VIRGINIA LEEPER
ROBERT LEE LOCKHART
ROBERT HARDING MACNERLAND
MARION MARTIN MAZUR
WILLIAM DOUGLAS McLAIN, Jr., with
High Honors in History

HELAINA INA MILLER
RUBY W. MILLER
MARCIA JOYCE MORRIS
JACK ALBERT NYSTROM
HARRY ALEXANDER POOLE, with
Highest Honors in History
JACQUELINE RILEY POTTER
BEVERLY CHARLOTTE PROVO
LOUIS LEROY ROBINSON, Jr.
MARY RITCHER ROSSITER, with Honors
in Psychology
MARY CORDELIA SANBORN
CARMEN CECIL SHORE
ALLAN RICHARD STEINBERG
SIDNEY JEROME SUSSMAN
DONALD EUGENE WALDEN
GAIL RUTH WISCH
LOIS ANNETTE WOELTJEN

In the Teaching of English

HUNTER DEWITT GOIN
RUTH MARGARET MEECH

MAXINE AQUILLA SIMMONS

In the Teaching of Latin

GEORGIA LOUISE HAMMONS

In the Teaching of Social Studies

JAMES RAYMOND BAEHLER
AUDREY GRACE DANNHAUER

FRED MILTON MEYER, with Honors

Degree of Bachelor of Science

In Chemical Engineering

WILLIAM ROY FORESHEE
NEIL HILVETY, with Highest Honors

RONALD VICTOR TRENSE, with Highest
Honors
WALTER HARRY TRIEBEL

In Chemistry

CHARLES CLINTON BICE, with Honors
DONALD R. FREDRICKSON

CARROLL OLIVER LOOMIS
GUY THOMAS SPENCER

In Liberal Arts and Sciences

GEORGE THOMAS ANAST
BARBARA ANN ANDERSON
LOIS JOHNSON BLAKE
PATRICIA MAE MILLER BURT
YOLANDA MARGARET CAMMISA
BETTY LOU CARY
JOAN ELIZABETH DeBERRY
JERRY ROBERT FLEISCHNER
ROBERT LOUIS HANKIN
ROBERT BRUCE HEFFRON
GARNET BROWN JOHNSON
EDWARD HENRY KIDERA

STANLEY JOSEPH KOWALSKI, Jr.
ALLEN JOHN LAHEY
LEONARD JOSEPH LUCITO, with Honors
in Psychology
IRMA JANE RAU
MARVIN SACKS
PETER SONG
KENNETH LYLE TOY
LYMAN DRAPER WHITE
JOHN DONALD WOLSKI
JEROME MILTON ZACOVITCH
PHYLLIS ZASLOFF

In Speech Correction

FRANCES CONNELL DOUGHERTY	MATTHEW LUDWIG RIGLER, with
MARILYN KATZEN, with Honors	Honors
CLAUDIA ANN POLO, with High Honors	RAYMOND EUGENE WAHLTON

In the Teaching of Biological Sciences and General Science

GEORGE WALDO HAHN	BARBARA ANN TOUREK
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LIBRARY SCHOOL

Degree of Bachelor of Science

In Library Science

YUKIKO MONJI, with Honors

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

ESTHER MARIE LUETH ANDERSON	AGNES O'BEIRNE
MARIAN ERICKSON BANKS	OPAL BRANOM ONEAL
JULIET KLEIN BERNSTEIN	NORMA RUTH MOSIER PITTMAN
MARION RANDALL BRADBEER	ETHEL CATHERINE PRATT
LULU DALE BUKER	LIDA GRACE WATKINS PULLIAM
ADELLE CAVALETTO	TSUGI SAKAGAMI
VERNA FILLINGHAM CHENOWETH	MARGARET ELIZABETH SAUER
RUBY HAWKINS CLARK	HENRIETTA SCHARFENBERG
HAZEL THELMA CROWDER	LULU PAULINE ROGERS SPITTLER
MAE WISE HILL	EMMA STEINBACH
LOIS ELAINE HILSABECK	CAROL OSTBY THOMAS
ELIZABETH ANN KEYS	BARBARA ETNOYER TUCKER
GERALDINE JOYCE JONES LAMKIN	JOY LEITH WARDLE
LOIS BERNIS LERNER	MARY KATHRYN WATTS
GERTRUDE ROSA MARTENS	GEORGA EUGENIA WITTE

In Elementary Education

MAGGIE PRINCE JENKINS

In Industrial Education

HERMAN WILLIAM LINDER	DONALD ALLEN SMITH
MARK EUGENE MILLER	

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

ROBERT CHARLES BAKER	RAYMOND JOHN MAY
RICHARD WAYNE BOYD	PHILLIP RAY MCDERMITT
EDWARD DOMINIC COOK, JR.	LLOYD CLELL MOODY
JOHN EDGAR COOPER	HOWARD LEROY PIJAHN, with Honors
DONALD JAMES DUBOW, with Honors	REGINALD J. ROMINE
JACK ARLEN GLASSON	WILLIAM FREDERICK SCHMITT, with
FRANCIS DANIEL HOPKINS	Honors
CLARENCE CHARLES LUBINSKI	KENNETH EPHRIAM STUTLER, with
VINCENT LESTER MAREK	Honors
WALTER THOMAS MAREK	JEROME NATHAN WEINBERG
RICHARD JAMES MATTESON	GORDON ALEXANDER WHITFIELD

In Banking and Finance

ROBERT BOWMAN HULICK

In Economics

CHARLES EVERETT PHILLIPS, JR.

LA VONNE SPURGEON PROSISE

In Industrial Administration

LLEWELLYN FRANK KUCERA

RICHARD PAUL METZ

HERBERT ALBERT LIST

In Management

WILLIAM FREDERICK ASCHBRENNER

FRANK RICHARD McMAHON

EUGENE JOSEPH BRAHM, JR.

GEORGE IRA MINOR

SALVATORE PETER BRANCATO

GEORGE EDWARD RICHTER

ROGER WAYNE BROWN

MYRTIS HILL SANDUSKY

KENNETH WILLIAM FERGUSON

JOHN RICHARD STEFFEN

RICHARD WILLIAM KINDBERG

JAMES WESLEY THOMAS

EDWIN BENJAMIN KOOPERMAN

GERALDINE ELIZABETH WHITING, with Honors

DONALD WILSON MANSFIELD

MARIE WHITE MARZEC

In Management and Marketing

JOHN DOUGLAS CAIN

IRVING ADOLPH MAERCKER

RICHARD LOWITZ

RICHARD EUGENE NELSON

In Marketing

KARL EDWIN DAME

WILLIAM ANTHONY PANOZZO

ROBERT ARTHUR HOGBERG

DONALD ROLLA SARAVALLI

GUNTHER KAHN

THOMAS EDWARD SHIVELY

ROBERT HAMMILL LEE

JOHN SIMPSON

SCHOOL OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Journalism

DORIS NAOMI CROMLEY

RICHARD PUTNAM PRATT

EDNA JUNE MILBRANDT

JERALD COE SCHNIEPP

NOLA FAYE MURCHISON

EDMUND ALVIN SMASON

WERNER CHRIS PHILIPPSEN

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

BRUCE LEE ESMOND

GEORGE LOUIS PEYOVICH

IRVIN KEITH HARTMAN

BENEDICT ANTHONY ZMUDA

NORMAN EDGAR MINSTER, with High

Honors

In Architecture

NORMAN EDWARD ABPLANALP

GEORGE RICHARD MCGINN

RAY BASSO

DONALD WILLIAM NOLAN

FRED BERNHEIM

JOSEPH HILLMAN OMARZU

LEO DANTE CHICCA

RICHARD AUGUST RAGGI, with Honors

DONALD LEWIS COLBY

HORST CARL SCHULZE

ROBERT JOSEPH KAMYS

ROBERT EDWARD VICK

In Music Education

CULLEN CLARENCE CLAUSER

Degree of Bachelor of Fine Arts

In Advertising Design

BETSY ANTONETTE DOWNS

DOROTHY MAE KIENAST

In Art Education

DOROTHY ANDERSON ADAMS

PERRY NICHOLAS RAGOUZIS, with
Honors*In Painting*

SUE ROVELSTAD, with Honors

Degree of Bachelor of MusicMARILYN LOUISE HINDSLEY, with
Highest Honors

JOSE SMOLENSKY OTIS

SCHOOL OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Physical Education*JOHN WILLIAM BABB
AMOS JONES

MERYL JESS ZUCKERMAN

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS**Degree of Bachelor of Science**HAROLD AUGUST BAUM
RICHARD LEWIS BROWN
WILLIAM ARTHUR CARLSON
WILLIAM HAROLD CARR
JAMES L. CASHMAN
JOSEPH PAUL EDELEN, with Honors
DONALD LLEWELLYN ENGHUSEN
JAMES EDWARD FLANAGAN, JR.
FRED ELLIS HALE
JOHN TRAFTON HOWE
DONALD LEON JENKIN
ELMER KUSISTO JOHNSON
VERNON SEVANDER JOHNSONGEORGE FREDERIC JUNGELS
ROBERT EDWIN KIRK
DONALD WAHLSTER LEUTHOLD
WILLIAM JOHN LONGSHAW
EARL DEAN PORTER
ROBERT MARION PROCHNOW
EDWARD LEOPOLD RASHENSKAS
JOHN THOMPSON SCHIFFER
MILFORD WILLIAM SCHUELER, JR.
ROBERT JOSEPH SCHUELER
CARL WESENBERG
ERNEST RUSSELL WOODWARD**OCTOBER MEETING**

President Livingston requested members of the Board to state their preferences as to the date of the next meeting. It was agreed to hold it on October 23, 1951, beginning at 10:00 a.m., in the La Salle Hotel, Chicago, Illinois.

On motion of Mr. Johnston, the Board adjourned.

A. J. JANATA
*Secretary*PARK LIVINGSTON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

October 23, 1951



The October meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Tuesday, October 23, 1951, beginning at 10:00 a.m.

The following members of the Board were present: President Livingston, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Megran, and Mrs. Watkins; Mr. Nickell took his place with the Board later.

Also present were President George D. Stoddard, Provost Coleman R. Griffith, Vice-President A. C. Ivy, Mr. C. Lincoln Williston, Manager of Public Information in the Chicago Professional Colleges, Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following recommendations and reports presented by President Stoddard.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
SOLOMON SAUL BROWN	Brentwood, Missouri	New York
WILLIAM MARSHALL CONDON	Belleville, Illinois	Missouri
JOHN RODERICK COWAN	Chicago, Illinois	Missouri
JOHN EMMETT GIBBONS	Chicago, Illinois	District of Columbia
PHILIP SAMUEL GREENSPAN	Chicago, Illinois	North Carolina
HARRY HODGE	Downers Grove, Illinois	New Jersey
EUGENE H. LOTT	Chicago, Illinois	Texas
WALTER AUGUST PLUMHOFF	Houston, Texas	Texas
CHARLES ALLEN WATSON	Houston, Texas	Texas

I concur.

On motion of Mr. Grange, these certificates were awarded.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. FRED EDWARD FIEDLER, Research Assistant Professor of Education, Graduate College, beginning October 1, 1951, at an annual salary of \$5,800 (DY).

2. MURRAY FRANKLIN, Assistant Professor of Medicine, beginning September 1, 1951, at an annual salary of \$7,500 (BY).

3. WILLIAM P. McLURE, Associate Professor of Education (AY), to be Acting Director of the Bureau of Research and Service for one year from September 1, 1951, at a salary of \$9,000, an increase of \$945 over his salary as Associate Professor as additional compensation for administrative duties.

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper level responsibility:

1. WILMER DAVID BINKLEY, Placement Officer in the Office of Nonacademic Personnel, Chicago, beginning September 25, 1951, at an annual salary of \$3,300.

2. JOHN C. COATES, Greenhouse Supervisor, Department of Botany, beginning September 1, 1951, at an annual salary of \$3,600.

3. HARRY G. HIGGINS, JR., Assistant Administrator, Research and Educational Hospitals, Chicago, beginning September 24, 1951, at an annual salary of \$7,200.

4. MIRIAM R. ROTHSTEIN, Food Production Manager, Residence Halls, beginning September 11, 1951, at an annual salary of \$3,500, plus meals.

On motion of Mr. Johnston, these appointments were confirmed.

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(3) The faculty Committee on Accountancy recommends the appointment of Mr. James A. Velde of the firm of Gardner, Carton, and Douglas, Chicago, as the law member of the Board of Examiners in Accountancy for a term of three years beginning July 1, 1951, replacing Mr. Albert E. Jenner, Jr., whose term has expired.

I concur.

On motion of Mr. Herrick, this appointment was approved.

**APPOINTMENT TO ADVISORY COMMITTEE OF THE
COLLEGE OF PHARMACY**

(4) The Dean of the College of Pharmacy recommends the following appointments to the Advisory Committee of that College:

PAUL S. SANG, Vice-President of Humiston-Keeling and Company, wholesale druggists, Chicago, for five years (July 1, 1951, through June 30, 1956) as replacement for Mr. Thomas G. Crawford whose term has expired.

HARRY E. LEVIN, President of the Illinois Pharmaceutical Association, to serve during his term as President of that organization; this is an *ex officio* appointment.

I concur.

On motion of Mrs. Watkins, these appointments were approved.

ADMISSION TO THE COLLEGE OF MEDICINE

(5) The Committee on Admissions to the College of Medicine has recommended adoption of the following statement of policy governing admission of students to that College.

In determining the priority of admission of an applicant to the Chicago Professional Colleges the Committees on Admission shall take into account the nature and apparent permanency of his residence in this state, the residence of his parents, and all other factors which are relevant in making the facilities of the Chicago Professional Colleges available first to the young men and women of Illinois.

I concur.

On motion of Mr. Herrick, this recommendation was approved.

DEGREES IN VOCATIONAL AGRICULTURE

(6) On June 30, 1945, the Board of Trustees authorized the degrees of Bachelor of Science in Vocational Agriculture and of Master of Science in Vocational Agriculture. The Council on Teacher Education, the College of Agriculture, and the Provost recommend that the names of these degrees be changed to Bachelor of Science in Agriculture and Master of Science in Agricultural Education.

I concur.

On motion of Mrs. Holt, this recommendation was approved.

**DISCONTINUANCE OF CURRICULUM LEADING TO DEGREE OF
BACHELOR OF SCIENCE IN LIBRARY SCIENCE**

(7) The faculty of the Library School and the University Senate recommend discontinuance of the curriculum leading to the degree of Bachelor of Science in Library Science.

The curriculum in library science is now at the graduate level leading to the degree of Master of Science and Doctor of Philosophy. The majority of students intending to do graduate work in library science prefer completing their undergraduate work in the College of Liberal Arts and Sciences or the College of Education, taking the necessary undergraduate courses in library science as electives. Students already enrolled in the curriculum leading to the degree of Bachelor of Science in Library Science will be permitted to finish, but when this curriculum is discontinued, no new students will be admitted to it.

This proposal will not discontinue any courses of instruction in library science.

I concur.

On motion of Mr. Fornof, this recommendation was approved.

**AMENDMENT OF UNIVERSITY STATUTES
APPROVAL OF UNIVERSITY CONTRACTS**

(8) Article 52, Paragraph (b) of the University Statutes reads as follows: "All contracts prior to the execution thereof shall be approved as to legal form and validity by the University Counsel; such approval to be endorsed in writing on the contract."

There are many types of contracts in which a standard form is used, in which is inserted (a) a description of the project, (b) the amount involved, and (c) the term. Examples of such contracts are (a) research contracts with both public agencies and private parties, (b) training contracts for government trainees, veterans, and others. In many instances, also, there are renewals or extensions of these contracts which provide only for an added period of time and an added payment of money, the other conditions remaining the same.

Under the present rules the Legal Counsel is charged with the necessity of examining and endorsing each of these individual contracts, as well as each extension or renewal thereof, even though the form used is a standard one previously approved by him and the contract contains no other different provisions.

To reduce the detail involved in, and obviate the delay necessarily caused by, this operation, the Legal Counsel recommends that Article 52, Paragraph (b) be revised to read as follows (new language is shown in italics): "All contracts prior to the execution thereof shall be approved as to legal form and validity by the *Legal Counsel*, such approval to be endorsed in writing on the contract, *provided that such approval and endorsement will not be required with respect to individual contracts or extensions or renewals thereof the form of which has been previously approved by the Legal Counsel and which contain no substantive changes or additions, other than those pertaining solely to the description of the project, the amount involved, and the term of the contract or extension.*"

The University Statutes refer to this office as "University Counsel," but the Board in appointing the present Counsel designated his title as Legal Counsel. This minor correction also is needed and is incorporated in the foregoing revision.

The Comptroller concurs in this recommendation.

I concur and request approval.

On motion of Mr. Johnston, these amendments were adopted by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mrs. Watkins; no, none; absent, Mr. Hickman, Mr. Nickell, Mr. Stevenson.

REVISION OF RULES RELATING TO INDIRECT COSTS ON RESEARCH CONTRACTS

(9) On September 26, 1947, the Board adopted a policy relating to research contracts, with particular reference to indirect costs and patents (Minutes, pages 512 and 833). The increase in number and scope of such projects requires revision of this policy. The Provost and the Comptroller recommend the following statement to replace the present policy.

I recommend approval.

Budget Procedure Relating to Sponsored Research (Being a revision of Part VI of Policy Relating to Research Contracts, Edition of August 5, 1947)

When any research proposal to be sponsored by an agency outside of the University has reached the stage of formal negotiation, the University staff member involved shall prepare a budget for all estimated costs of such investigation including the following:

(a) *Direct costs*, which normally include compensation for personal services, materials, supplies, equipment, communication, travel, and other expenses directly made as a result of the operation of the contract. These should include employer contributions to the University Retirement System of Illinois for retirement, disability, and death benefits, for all salaries of participants in the System paid from contract funds. To provide for losses under the Workmen's Compensation Act, 1½ per cent of all payments for personal services from contract funds should be entered as direct costs. This percentage may be increased upon agreement with the sponsor, if unusual hazards are involved, or it may be waived if the sponsor agrees to indemnify the University for any such losses incurred

as a result of the operation of the investigation, or if such liability is otherwise covered. The rate may also be reduced if justified by experience. The sums thus accumulated will be carried in a reserve account from which such claims will be paid.

(b) *Indirect costs*, which consist of general college and departmental administrative costs, physical plant operating costs, and use of departmental, college, and general University facilities.

This budget shall be approved by appropriate administrative personnel, including the Business Office.

To protect the general interests of the University as well as the interests of the department concerned, the amount budgeted for indirect costs in any such proposed project shall be reviewed and approved by a committee consisting of (a) the Chairman of the Research Board, or his delegate, who in Chicago shall be the Vice-President in charge of the Professional Colleges, (b) a representative of the appropriate research agency or the department carrying on the project, and (c) a representative of the Business Office. When the aggregate sum received from a private individual, corporate body, foundation, or the Federal Government for sponsored research during any fiscal year shall be less than \$5,000, such review shall not be required.

In determining the amount to be budgeted for indirect costs, the Committee shall give consideration to the respective benefits which will be received from the investigation by the sponsor, by the University, and by the Public. The projects will vary from those which are mainly for the benefit of the sponsor to those which are directly supplemental to University research programs and interests, and which provide funds for desirable expenditures which the University otherwise might not be able to make.

When the budget provides for full recovery of all indirect costs, the following distribution of such funds is to be made:

a. 40 per cent to a reserve which will periodically lapse to general University income. Special administrative or physical plant costs which result from such research activities may be charged directly to this reserve.

b. 30 per cent to a reserve fund to be allocated by the University Research Board for research purposes.

c. 30 per cent to the University department conducting the investigation.

In those cases where less than total reimbursement of indirect costs is authorized by the Committee, then all sums received for this purpose shall first be applied to the general University allocation under "a" above. After the full 40 per cent provided has been realized, any balance shall then be applied to "b" above, and after such 30 per cent has been realized, any remaining balance will be applied to "c".

In certain cases, on projects where unusual demands are made upon University facilities, or substantial capital installations are required to service the project, or in other instances where full use of University facilities is not required, the Committee is authorized to revise the percentage allocation provided above.

On motion of Mrs. Holt, these changes were approved.

REPORT ON LITIGATION IN THE CASE OF VIRGINIA A. KENNY VS. THE BOARD OF TRUSTEES

(10) In June, 1948, Miss Virginia A. Kenny, a nonacademic employee in medical social service work in the Research and Educational Hospitals, instituted legal proceedings in the Superior Court of Cook County to obtain a writ of mandamus to compel the Board of Trustees to place her in the position of Head of the Social Service Department of the Research and Educational Hospitals. Miss Kenny had then been on the staff, in a civil service position, since September 1, 1941, and up to 1945 was the only medical social worker employed in the Hospitals. Subsequently other medical social workers were employed in the same civil service classification as Miss Kenny.

The Board of Trustees had created the position "Director of Social Service" pursuant to a plan for the reorganization and expansion of social service functions, including provisions for the professional training of medical social service

workers, at the Research and Educational Hospitals. The duties and responsibilities of this position are primarily academic in nature. In December, 1947, Miss Marian Russell was appointed Director of Social Service. Miss Kenny claimed that under the civil service law of Illinois, she was entitled to the position and that for her the appointment of Miss Russell was a demotion.

The Judge of the Superior Court held that she was entitled to the position under the civil service law of Illinois and ordered the writ to issue. Upon appeal from that decision to the Appellate Court, the latter held that the position is different from the one which Miss Kenny had held, that she was not entitled to it under the civil service law, and that the Superior Court had erred. Accordingly, the Appellate Court reversed the decision of the Superior Court. This constituted a final decision by the Appellate Court.

Miss Kenny then sought a review by the Supreme Court. The proceeding is not one which would entitle her to appeal to the Supreme Court as a matter of right, and it was necessary for her to file a petition asking leave of the Supreme Court to appeal from the Appellate Court's decision. The Supreme Court of Illinois has denied this petition. No notice of intention to petition for a rehearing has been filed within the time limit allowed. Hence, the case may be regarded as closed.

By authority of the Board of Trustees the University has been represented in the proceedings from the beginning by Richard M. Keck of the firm of Snyder, Chadwell, and Fagerburg, 135 South LaSalle Street, Chicago, as special counsel. This firm has submitted an itemized statement of \$5,910 for legal services from November 1, 1949, to date and of \$296.20 for expenses incurred in work on the case during this two-year period, the total due being \$6,206.20. The fees charged are on a per hour basis for the services of Mr. Keck and on a per diem basis for the services of an associate according to rates agreed upon by former Legal Counsel Professor W. E. Britton and Mr. Keck when the latter was engaged. Professor Britton regards the charge made for services as proper and reasonable. Professor Ralph Lesemann, the Legal Counsel, has reviewed the work done in the preparation of this case for appeal by the University and in answering the petition of the plaintiff to the Supreme Court, and concurs in recommending payment of the charges.

I recommend that the Board authorize a payment of \$6,206.20 to Snyder, Chadwell, and Fagerburg for services and reimbursement for expenses in this case since November 1, 1949, and that the appropriation be made from the General Reserve Fund.

On motion of Mr. Herrick, this payment was authorized and an appropriation of \$6,206.20 was made from the General Reserve Fund for this purpose by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mrs. Watkins; no, none; absent, Mr. Hickman, Mr. Nickell, Mr. Stevenson.

PATENTABLE DISCOVERIES

(11) The University Patent Committee submits the following reports and recommendations relating to potentially patentable discoveries:

1. A new method for packaging ice cream, developed by Professor Paul H. Tracy of the Department of Dairy Technology and Dr. John J. Sheuring during the course of the latter's thesis study under Dr. Tracy's direction. This method may have commercial possibilities in preventing shrinkage in ice cream and the discoverers wish to apply for a patent proceeding under their own responsibility. A memorandum explaining this invention in detail is filed with the Secretary of the Board for record.

The University Patent Committee has examined this proposal and recommends that the discovery be released to the inventors to develop as they choose. Their idea calls for metal ice cream containers; it may or may not be patentable. In the opinion of the University Patent Committee, even if a patent could be obtained, the commercial possibilities are not particularly attractive since the recent trend in the dairy industry has been to get away from returnable containers that require deposits, sterilization, and extra handling.

2. A physicochemical method of bonding a metal to a ceramic. Professor J. D. Ryder, Head of the Department of Electrical Engineering, reports the discovery of a physicochemical method of bonding invented by Floyd Dunn, Research Assistant, and Roger P. Wellinger, Research Assistant Professor, with the assistance of William J. Fry and Erwin K. Weise, Research Assistant Professors. A description of this method is filed with the Secretary of the Board for record.

The University Patent Committee is of the opinion that any claims which might be made for this discovery would be narrow in scope and the chances of remunerative benefits small. The Committee, therefore, recommends that parties to the invention as claimed by Floyd Dunn *et al.* be released to them to develop by their own resources if they so desire.

3. A nuclear resonance detector, an instrument for the precise measurement and control of magnetic fields, developed by Dr. E. L. Hahn, who was Research Associate in the Department of Physics from 1946 to July, 1950, was reported to the Board of Trustees on September 29, 1950, with the recommendation that if this device were found to be patentable and of sufficient commercial value to justify the expense of securing a patent, an application for the same be authorized. Accordingly, the matter was referred to the University of Illinois Foundation for prosecution of a search. Investigation disclosed that a patent might be obtained and an application was filed.

It has now been found that a fundamental patent on this device had previously been established by Messrs. F. Bloch and the late W. Hansen, both of Stanford University. It appears that the best that could be hoped for from this discovery would be an improvement patent. This would have little commercial value unless a license were first negotiated with the holder of the basic patent. Dr. Hahn, who is now at Stanford University, asks that rights to the discovery be released to him. The University Patent Committee is of the opinion that the Foundation should not be asked to spend additional money in this matter. It recommends that the invention be released to Dr. Hahn, subject to his reimbursement of the Foundation for the costs of patent application incurred to date. If Dr. Hahn chooses not to reimburse the Foundation, the University will then reserve all rights to any patent which may be issued.

I concur in the recommendations above.

On motion of Mr. Johnston, these discoveries were released, as recommended.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(12) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

1. Construction of building to house small animals, Animal Genetics, College of Agriculture.....	\$ 8 500
2. Air conditioning two rooms in the Natural History Building, Department of Botany.....	15 700
3. String and wind instruments for the School of Music.....	10 000
4. Microscopes for the Biological Sciences Division at the Chicago Undergraduate Division.....	4 673
<i>Total</i>	<u>\$38 873</u>

I recommend that these appropriations be made from the General Reserve Fund.

On motion of Mr. Grange, these appropriations were made by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mrs. Watkins; no, none; absent, Mr. Hickman, Mr. Nickell, Mr. Stevenson.

CONTRACT FOR AIR CONDITIONING INSTALLATIONS IN NATURAL HISTORY BUILDING

(13) The Committee on Nonrecurring Appropriations is recommending an appropriation for air conditioning of two rooms in the Natural History Building

to provide the necessary temperature and humidity control for research on fungi and other microorganisms.

The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$6,890 to F. R. Inskip and Company, Champaign, the lowest bidder, for the ventilation and refrigeration installations, subject to the approval of the appropriation separately recommended.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Herrick, this contract was authorized.

CONTRACT FOR CONSTRUCTION OF SMALL ANIMAL BUILDING FOR WORK IN GENETICS

(14) The Committee on Nonrecurring Appropriations is recommending an appropriation for the construction of a small animal house to replace the one which must be removed to provide space for the construction of an Agricultural Engineering Building.

The Director of the Physical Plant and the Comptroller recommend that the general work on the construction of this building be done under the terms of the cost-plus remodeling contracts authorized by the Board of Trustees on July 25, 1951, with Clyde E. Gates, Champaign. By authorizing this work under the cost-plus arrangement, the cost of and time required for preparing complete plans and specifications will be eliminated. Estimated cost of the general work is \$6,400.

I concur and recommend that the Comptroller be authorized to execute a change order in the contract with Clyde E. Gates to cover this additional work.

On motion of Mrs. Holt, this contract change was authorized.

CONTRACT FOR REMODELING AT THE CHICAGO UNDERGRADUATE DIVISION TO PROVIDE QUARTERS FOR THE RESERVE OFFICERS TRAINING CORPS PROGRAM

(15) The Director of the Physical Plant Department and the Comptroller recommend award of a contract for \$9,983 to the Forester Construction Company (Division of B & F Engineering Company), Chicago, the lowest bidder, for remodeling needed to provide additional facilities for the expanding R.O.T.C. program at the Chicago Undergraduate Division.

Funds are available in an appropriation made for this purpose by the Board of Trustees on September 19, 1951.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Holt, this contract was authorized.

RENTAL OF ROOMS FOR UNIVERSITY NURSES IN PRESBYTERIAN HOSPITAL NURSES HOME

(16) The University does not have enough housing for nurses and student nurses at the Chicago Professional Colleges. It has been impossible to secure the number of nurses needed due to the lack of housing. Presbyterian Hospital will rent rooms to the University at a rate of \$30 per month each.

Presbyterian Hospital can make available now fifteen rooms and may be able to increase this to as many as twenty-five rooms later. It is proposed to house student nurses at the Illinois Neuropsychiatric Institute School of Nursing in such rented rooms. Funds are available in the budget of the Illinois Neuropsychiatric Institute for payment of rent.

This plan is approved by the Vice-President in charge of the Chicago Professional Colleges.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute an agreement with Presbyterian Hospital for the rental of fifteen rooms to be made available from November 1, 1951, to June 30, 1952, with authority to increase the commitment to twenty-five rooms if Presbyterian Hospital can make them available.

On motion of Mr. Megran, authority was granted, as recommended.

**CONTRACT FOR EYE GLASSES PRESCRIBED AT THE
ILLINOIS EYE AND EAR INFIRMARY**

(17) The Vice-President in charge of the Chicago Professional Colleges and the Comptroller recommend award of a contract to the American Optical Company, Chicago, for the supplying of optical goods, services, and repairs on optical goods for resale to outpatients of the Illinois Eye and Ear Infirmary.

The Illinois Eye and Ear Infirmary is operated jointly by the University of Illinois and the Department of Public Welfare under an agreement previously approved by the Board of Trustees. Until this year, collections from patients for eye glasses were handled by the Department of Public Welfare. The Department of Public Welfare had a contract with the American Optical Company to furnish the necessary optical goods.

The Head of the Department of Ophthalmology, with the approval of the Dean of the College of Medicine, has worked out a plan whereby the fitting and dispensing of eye glasses to patients, including collections from patients, can be taken over by the University to integrate such dispensing and fitting into the teaching function in the Infirmary which is the responsibility of the University.

Negotiations have been carried on with the two principal manufacturers; the American Optical Company, Chicago, and Bausch and Lomb Optical Company, Chicago. Negotiations were also undertaken with a group of retail optical houses but were terminated when these retail houses indicated that they could not compete with the manufacturers who supply them with the products.

Both the American Optical Company and the Bausch and Lomb Company have offered to supply optical goods to the University at the same discounts, 25 per cent off list price except for certain types of bifocal prescriptions on which the discount would be 15 per cent. Since the prices quoted are identical, and the American Optical Company is familiar with the procedures at the Illinois Eye and Ear Infirmary, it is recommended that a contract be entered into with this Company for the balance of the fiscal year 1951-1952 under which the University will purchase the materials to be supplied to patients. Payments to the American Optical Company will come from charges made to patients for the optical goods which will include a sufficient markup to cover the cost of fitting, dispensing, billing, and collecting. It is estimated that purchases will amount to \$30,000 to \$40,000 per year.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute a contract with the American Optical Company for the period from November 1, 1951, to June 30, 1952, for the purchase of eye glasses and optical appliances.

On motion of Mr. Megran, this contract was authorized.

**ADDITION TO CONTRACT FOR ELECTRICAL WORK ON RESEARCH
AND EDUCATIONAL HOSPITALS ADDITION**

(18) The Director of the Physical Plant Department and the Comptroller recommend an increase of \$3,219.27 in the contract with the Wadeford Electric Company, Chicago, for electrical work on the addition to the Research and Educational Hospitals. This change is necessary because:

1. Electrical cooking equipment has been redesigned by manufacturers in the interval between the time the building equipment was designed and the contract was awarded. Equipment now requires heavier feeders, branch circuits, and circuit breakers.

2. Provision should be made for future three-phase, 208-volt power outlets on laboratory furniture.

3. Final review by the Hospital administration suggests minor relocations of kitchen equipment and operating economies by having electric warming kitchens heated in the main kitchens and thus be prepared to serve patients without proceeding from the main kitchen to serving kitchens on each floor for warming.

Funds are available in the state appropriation for the construction of the addition to the Research and Educational Hospitals and have been released by the Governor.

This change has been approved by the Vice-President in charge of the Chicago Professional Colleges.

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mr. Johnston, this contract change was authorized.

**ADDITION TO CONTRACT FOR HEATING AND REFRIGERATION
INSTALLATIONS IN RESEARCH AND EDUCATIONAL
HOSPITALS ADDITION**

(19) The Director of the Physical Plant Department and the Comptroller recommend an increase of \$5,866.93 in the contract with M. J. Corboy Company for heating and refrigeration installations in the addition to the Research and Educational Hospitals. This is to provide for additional operating room equipment which the Head of the Department of Surgery considers necessary for the safety of patients. The Vice-President in charge of the Chicago Professional Colleges has approved this addition.

Funds are available in the state appropriation for the construction of an addition to the Research and Educational Hospitals.

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mr. Fornof, this contract change was authorized.

**GIFT OF MRS. ANTOINETTE F. BROWN FOR FELLOWSHIP
IN CHEMICAL RESEARCH**

(20) Mrs. Antoinette F. Brown of Chicago desires to establish an endowment fund, the income of which would provide for a fellowship in chemical research. She has made a contract with the Equitable Life Assurance Society, naming the University as beneficiary after her death for the proceeds of that contract. In case the proceeds do not amount to \$30,000, she proposes to provide for the balance needed to endow the fellowship by direct bequest in her will.

She also desires a portion of the proceeds of the contract to be used for cancer research under Dr. A. C. Ivy.

The insurance contract can not include any stipulation as to the use of the proceeds. Mrs. Brown asks for assurance that the University will accept the insurance and any additional funds that she may provide, under certain conditions which she desires to apply.

The proposal has been reviewed by the Comptroller and the Head of the Department of Chemistry who recommend that the Board indicate its willingness to accept the fund under these conditions, and submit the following resolution which has been approved by the Legal Counsel and is acceptable to Mrs. Brown.

I concur and recommend approval.

Resolution

WHEREAS, Mrs. Antoinette F. Brown has informed the Board of Trustees that she has made a contract with the Equitable Life Assurance Society of the United States, in which she has named the Board of Trustees of the University of Illinois as a beneficiary after her death, and further, that it is her intention that the amount to be derived by the University from this contract shall be not less than \$30,000, and that, it is her intention, if the amount is less than that sum to provide for a bequest to the University in her Will to make up any deficiency and assure a fund of \$30,000; and

WHEREAS, it is the desire of Mrs. Brown that this fund be received for the purpose of establishing a permanent endowment fund, the income of which will be used in perpetuity for a Fellowship in Chemical Research and that said fund and fellowship be known as the Walter Burrows Brown Fellowship in Chemical Research; and

WHEREAS, it is the further desire of Mrs. Brown that a certain proportion of the residual value of the aforesaid insurance contract after her death be used by the Board of Trustees to aid in carrying on cancer research under the direction of Dr. A. C. Ivy in an amount not exceeding \$1,500; and

WHEREAS, Mrs. Brown requests the Board of Trustees to indicate its assent

to these provisions and its willingness to accept this benefit and bequest if made available to it;

Now, Therefore, Be It Resolved By The Board of Trustees of the University of Illinois that it hereby records its willingness to accept and administer a principal fund estimated at \$30,000, if made available to it either through an annuity contract or by provisions in the Will of Mrs. Antoinette Farren Brown, or through both; that, if received by it, such fund will be held by it in trust as a permanent endowment, the income only from the investment thereof to be used in perpetuity for a fellowship at the University of Illinois to be known as the Walter Burrows Brown Fellowship in Chemical Research; that said fund, if received, will be administered and invested by this Board, and in particular by Lloyd Morey as its Comptroller and his successors in that office; and that appointments to said fellowship, when so established, shall be made in conformity with the usual procedures established by this Board for such appointments; and

Be It Further Resolved that the said Board hereby records its willingness to receive and administer a fund in the estimated amount of \$1,500, if made available to it, through an annuity contract, and cause the same to be expended for cancer research under the direction of Dr. Andrew C. Ivy, Vice-President of the Chicago Professional Colleges of the University of Illinois and distinguished Professor of Physiology, or his successor in office.

On motion of Mr. Herrick, this resolution was adopted.

PURCHASES

Purchases Authorized

(21) The following purchases were authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Electronic equipment:	Physics	Crossley & Associates, Chicago	\$4 495 00
One low-frequency generator			f.o.b.
Three audio-oscillators			Palo
One bridge			Alto,
Six vacuum tube voltmeters			Calif.
Two signal generators			
Electronic equipment:	Civil Engineering	Hathaway Instrument Co., Denver, Colo.	3 320 00
One oscillograph with record magazine			Denver,
One strainer gage control unit			Colo.
Six galvanometers			
275 pairs (approximate) uniform trousers for Air Force Advanced Course Military students	Military	Associated Military Stores, Chicago	4 675 00 (estimate)

On motion of Mr. Grange, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
6,450 diploma covers (blue leather with orange moire lining)	Office of Admissions and Records	W. M. Welch Diploma House, Chicago	\$10 836 00
White 25% rag bond paper:	Office Supply	J. W. Butler Paper Co., Chicago	7 049 25
270 reams 22 x 34—40 lb.			f.o.b.
300 reams 22 x 34—32 lb.			delivered
125 reams 22 x 34—26 lb.			
50 reams 24 x 38—39 lb.			
25 reams 24 x 38—49 lb.			
White 100% rag bond paper:	Office Supply	J. W. Butler Paper Co., Chicago	6 323 00
225 reams 22 x 34—40 lb.			f.o.b.
75 reams 22 x 34—32 lb.			delivered
25 reams 22 x 34—26 lb.			
60 cases of cabinet toilet tissue, size 5" x 4 1/4" (11 lb. substance)	Chicago Undergraduate Division	Inlander Brothers, Chicago	4 484 00
600 cases of double-fold paper towels, size 9 1/4" x 15" (32 lb. substance)			f.o.b. Chicago.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
54 doz. 100% pure China bristle paint brushes	Physical Plant	DeMert & Dougherty Co., Chicago	3 437 41 f.o.b. delivered
One carload, consisting of approximately 18,000' of standard steel pipe, galvanized and black in sizes 1" to 4"	Physical Plant Storeroom	Field & Shorb Co., Decatur	3 155 55 f.o.b. cars, Champaign
80,000 gallons (approximate) No. 3 fuel oil	Institute of Aviation	Champaign Builders Supply Co., Champaign	9 440 00 f.o.b. delivered

On motion of Mr. Grange, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(22) The Comptroller's report of contracts executed during the period September 1 to 30, 1951.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Smith, Kline, and French Laboratories	Study of drug reaction on muscular control	\$5 350 00	July 12, 1951
United States Department of State	S.C.C.—8211	5 838 00	May 8, 1951
Refrigeration Research Foundation, Inc.	Study of refrigerated warehousing of foods	1 000 00	September 27, 1951

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
American Abrasive Metals Company	Construction of stairways in Dental-Medical-Pharmacy Building	\$1 807 00	August 30, 1951
H. F. Huster	Asphalt and rubber tile flooring in Dental-Medical-Pharmacy Building	919 00	August 21, 1951
Burlington Roofing Company	Roofing and sheet metal work at Student-Staff Apartment Building, Chicago	792 00	August 21, 1951
Commonwealth Edison Company	Electric service at Student-Staff Apartment Building, Chicago	Rate per contract	September 12, 1951
R. G. Jessup	Demolition of McCullough farm house	No charge	August 1, 1951

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
United States Army	W-49-007-MD-496 Modification #2	\$13 114 00	June 30, 1951
Eli Lilly and Co.	Study of pyruvic acid	8 500 00	August 30, 1951
Lederle Laboratories	Study of aureomycin in nutrition of baby pigs	1 000 00	August 29, 1951
Lederle Laboratories	Study of aureomycin in nutrition of swine	1 500 00	August 29, 1951

Adjustments Made in Authorizations Issued Under Cost-Plus Contracts (1951-1952)

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric Company	Student and Staff Apartments	\$2 157 63	August 20, 1951
	Noyes Laboratory renovation and modernization	1 494 90	August 30, 1951
	Sub-total	(3 652 53)	
E. N. DeAtley	Changes in administrative offices	389 65 ¹	September 13, 1951
	Sub-total	(389 65) ¹	
Clyde E. Gates	Robert Allerton Park fire protection	2 422 00	August 31, 1951
	Sub-total	(2 422 00)	
Reliable Plumbing and Heating Co.	Noyes Laboratory remodeling, renovation, and modernization	3 788 59	August 30, 1951
	Natural History renovation and ventilation	206 73 ¹	September 20, 1951
	Sub-total	(3 581 86)	
Schroeder's	Noyes Laboratory third and fourth floor remodeling	1 205 39	August 30, 1951
	Noyes Laboratory third and fourth floor remodeling	286 90	August 30, 1951
	Sub-total	(1 492 29)	

¹ Deduct.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Clarence H. Siems	Special State — East Chemistry equipment	126 07 ¹	August 28, 1951
	Special State — East Chemistry equipment	308 36 ¹	August 28, 1951
	Sub-total	(434 43) ¹	

*Additions to 1950-1951 Contracts in Authorizations Issued
Under Cost-Plus Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. N. DeAtley	Addition to previous estimate on Horticulture Building remodeling	1 032 00	September 11, 1951
	Sub-total	(1 032 00)	

This report was received for record.

CONVEYANCE OF LAND BY MEDICAL CENTER COMMISSION

(23) The Medical Center Commission of Illinois has acquired land needed by the University of Illinois for the expansion of the Chicago Professional Colleges Campus. The Commission is prepared to convey this land to the University at a price of \$100. Before approving the sale and the execution of the Deed of Conveyance, the Governor referred the matter to the Attorney General of Illinois and the latter requires adoption by the Board of Trustees of a resolution authorizing the purchase. Accordingly, the following resolution is offered.

Resolution

WHEREAS, the Medical Center Commission of the State of Illinois is the owner of the following described real property and is willing and has offered to sell the same to The Board of Trustees of the University of Illinois, a public corporation, hereinafter termed "University," for the sum of One Hundred Dollars (\$100.00); and

WHEREAS the University needs and requires said property for various purposes in connection with the use and expansion of, and for parking facilities for, the Men's Residence Hall and the proposed Nursing School buildings situated, and to be situated, upon the campus of its Professional Colleges at Chicago; and

WHEREAS said price of One Hundred Dollars (\$100.00) is a fair and reasonable price for, and does not exceed the fair cash market value of, said property; and

WHEREAS, University has funds available for the purchase of said property at said price from Medical Center Commission from funds originally appropriated by the Sixty-fifth General Assembly in Senate Bill 596 for the acquisition of land by University for its purposes during the biennium beginning July 1, 1949, which were not expended during that biennium and which were re-appropriated to University for said purpose by the Sixty-seventh General Assembly in House Bill 1095 for the biennium beginning July 1, 1951:

Now, Therefore, It Is Hereby Resolved, by The Board of Trustees of the University of Illinois that the following described real property be purchased by it at said price from Medical Center Commission and that said sum be paid from said funds to Medical Center Commission therefor upon the execution and delivery of a good and sufficient deed conveying said property from Medical Center Commission to The Board of Trustees of the University of Illinois.

Said real property to be so purchased and paid for is described as follows:

Vacated

Alley Abutting Parcel 32:38

The West half of the vacated alley lying East of and adjoining the East line of the North 9 feet of Lot 61 in Potter Palmer's Subdivision of Lot 11 and that part of Lot 12 lying South of Polk Street (except Winchester Avenue) in Codwise's Subdivision of the West half of the South East quarter of Section 18, Township 39 North, Range 14, East of the Third Principal Meridian, (except 1 chain and 37 links all along the West side thereof) in Cook County, Illinois.

Parcel 32:37

Lot 62 in Potter Palmer's Subdivision of Lot 11 and that part of Lot 12 lying South of Polk Street (except Winchester Avenue) in the subdivision of the

¹ Deduct.

West half of the South East quarter of Section 18, Township 39 North, Range 14, East of the Third Principal Meridian (except 1 chain and 37 links along the West side) in Cook County, Illinois, including the improvements thereon and all private interests in all public roads, streets and alleys which in anywise about the same.

Parcel 32:4

Lots 93 and 94 of Potter Palmer's Subdivision of Lot 11 and that part of Lot 12 lying South of Polk Street (except Winchester Avenue) in Codwise's Subdivision of the West half of the South East quarter of Section 18, Township 39 North, Range 14, East of the Third Principal Meridian (except 1 chain and 37 links all along the West side thereof) in Cook County, Illinois, including the improvements thereon and all private interests in all public roads, streets and alleys which in anywise about the same.

Parcel 32:5-6-7

Lots 89, 90, 91 and 92 of Potter Palmer's Subdivision of Lot 11 and that part of Lot 12 lying South of Polk Street (except Winchester Avenue) in Codwise's Subdivision of the West half of the South East quarter of Section 18, Township 39 North, Range 14, East of the Third Principal Meridian (except 1 chain and 37 links all along the West side thereof) in Cook County, Illinois, including the improvements thereon and all private interests in all public roads, streets and alleys which in anywise about the same.

Parcel 32:8

Lot 88 in Potter Palmer's Subdivision of Lot 11 and that part of Lot 12 lying South of Polk Street (except Winchester Avenue) in the Subdivision of the West half of the South East quarter of Section 18, Township 39 North, Range 14, East of the Third Principal Meridian (except 1 chain and 37 links all along the West side thereof) in Cook County, Illinois, including the improvements thereon and all private interests in all public roads, streets and alleys which in anywise about the same.

On motion of Mr. Herrick, this resolution was adopted by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mrs. Watkins; no, none; absent, Mr. Hickman, Mr. Nickell, Mr. Stevenson.

At this point, Mr. Nickell took his place with the Board.

**EXPANSION OF STUDENT RESIDENCE HALLS FACILITIES
AT URBANA-CHAMPAIGN**

(24) The Board of Trustees has authorized the expansion of student residence halls facilities at Urbana-Champaign including:

- I. Construction of a dormitory type of permanent residence hall for 288 men and modernization of Busey Hall.
- II. (a) Construction of a new unit to provide food service for 1000 men and housing for 96 men;
- (b) Conversion of food service areas in the present men's halls into living quarters for 76 additional men;
- (c) Modernization of Evans Hall;
- (d) Refinancing of present bond issue on the Men's Residence Halls.

Contracts for Phase I were awarded and this work is under way. The estimated cost of the entire project (I and II) was \$1,702,800. The Board has allocated \$250,000 for construction plus \$42,000 for preparation of plans for Phase II. The balance of the funds needed would be secured by a revenue bond issue.

Bids received on Phase II indicate a total cost of \$2,312,600. The increase over the estimate is due (a) in part to an architectural error in the original estimate of floor area and cubage on which financial estimates were based; (b) in part to a major increase in the size of the project after estimates had been prepared, a decision made by the architects without consulting the University; and (c) in part to an increase in construction costs.

Various alternatives have been studied by the Physical Plant Department and the Housing Division and their conclusion is that the most desirable procedure is to go on with the project with these modifications:

- (a) Reduction of construction costs by acceptance of alternates provided for in the plans and specifications to bring the total cost down to \$2,237,000. The architects are negotiating with the contractors who are the lowest bidders to determine what can be done.
- (b) Provision of food service for 1100 men instead of 1000, and increasing housing capacity by 97 instead of by 76 in the present halls and by 106 instead of by 96 in the new unit.
- (c) Extension of the financing period to run approximately forty years. The initial bond issue would be for a shorter period so that this would require refinancing of a substantial amount upon final maturity of the original issue.

Subject to a favorable report on the financial program herein proposed and to securing federal government approval to proceed with construction and issuance of bonds, the Director of the Physical Plant and the Comptroller recommend:

- (a) Approval of the project at a revised estimated total cost of \$2,237,000.
- (b) Authorization of the Executive Committee to act for the Board on the award of contracts to lowest bidders at figures negotiated through acceptances of alternates to reduce construction costs.
- (c) Authorization of the Comptroller to secure bids on revenue bonds and to report the same to the Board.
- (d) Employment of Chapman and Cutler, Chicago, as attorneys for the bond issue.

I concur in these recommendations, and I recommend further that the Comptroller be requested to negotiate with the architects to eliminate extra costs and charges for additional architectural services required as a result of the changes made by them in departing from the original basic plan without the approval of University officials.

On motion of Mr. Fornof, these recommendations were approved by the following vote: Aye, Mr. Fornof, Mr. Grange, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, Mr. Herrick; absent, Mr. Hickman, Mr. Stevenson.

BIDS ON EAST DENTISTRY-MEDICINE-PHARMACY BUILDING

(25) The Sixty-seventh General Assembly of Illinois appropriated \$5,540,000 to the University for the construction of the East Dentistry-Medicine-Pharmacy Building and for equipment for the same. This is \$800,000 less than the \$6,340,000 requested by the University in its original askings.

Bids have been received on the principal items of construction. Based on these bids and allowing for other necessary costs the total cost is estimated at \$8,723,929. This includes \$1,246,765 for areas and facilities which are related to the reduction of \$800,000.

Various alternatives have been studied to keep the total cost within the amount appropriated. It is essential under the terms of the appropriation act that use of the funds produces a finished, usable building. It is obviously impossible to build a structure of the capacity originally contemplated with the money available.

One of the major objectives of the building is to accommodate an increase in the enrollment of the Chicago Professional Colleges. Discussion with the Illinois Budgetary Commission and with Committees of the General Assembly pointed to increasing the first-year classes in the College of Medicine by 34 students, in the College of Dentistry by 20, and in the College of Pharmacy by 75, plus students in nursing and additional graduate students in all colleges.

An adjustment in these enrollment estimates is unavoidable in view of the increased cost of construction. The Vice-President in charge of the Chicago Professional Colleges, with the concurrence of the Deans of these Colleges,

proposes revising the increases in enrollment in the first-year classes as follows: Medicine, 24; Dentistry, 20; Pharmacy, 50.

These increases will ultimately result in total enrollments approximately as follows:

<i>College</i>	<i>Number per class</i>	<i>Total enrollment</i>
Medicine	190	760
Dentistry	90	360
Pharmacy	175	700
<i>Totals</i>	455	1,820

This would mean a total increase of 376 in all colleges, instead of 516 as originally contemplated, plus any nursing and graduate students that can be accommodated.

The architects, Pace Associates, the Vice-President in charge of the Chicago Professional Colleges with the concurrence of the Deans of the Colleges, the Director of the Physical Plant, and the Comptroller recommend that:

1. All present bids be rejected.
2. New bids be requested on a reduced program of construction with the object of completion within the present appropriation.
3. Bids be taken on both (a) fixed price basis, and (b) cost plus a fixed fee with a guaranteed maximum, any savings below this maximum to be divided equally between the contractors and the University.

I recommend approval.

On motion of Mr. Grange, these recommendations were approved.

ADDITIONAL FUNDS FOR EAST DENTISTRY-MEDICINE- PHARMACY BUILDING

(26) President Stoddard stated that since the appropriation requested for this building was reduced by \$800,000, this amount may well be considered an item of very high priority in requests for capital improvements for 1953-1955. Also, in order to provide for the minimum increases in enrollment contemplated, an appropriation, originally estimated at \$500,000, will be necessary to remodel present quarters to be vacated by the College of Pharmacy for use by the Colleges of Medicine and Dentistry.

It should be recognized that in addition to the \$800,000, funds presently estimated at \$2,383,929 will at some time be needed to complete the building in accordance with the original plans. This item will receive future consideration along with other capital needs of the entire University.

On motion of Mrs. Watkins, this statement was received for record.

APPOINTMENT OF DEAN OF THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

(27) On the unanimous advice of the Executive Committee of the College of Commerce and Business Administration, with the President's special committee concurring, I recommend the appointment of Dr. Paul M. Green, a former member of the faculty, as Dean of the College of Commerce and Business Administration and as Professor of Management, at a salary of \$16,000 per year, effective on a date mutually agreeable to Dr. Green and the President of the University, but not later than February 1, 1952. Dr. Green is recommended unreservedly by all University officials concerned in this appointment and by the leaders in industry and government with whom he has been associated.

The appointment as Dean is recommended for two years, in conformity with the University of Illinois Statutes, and as Professor is to be on indefinite tenure, both appointments to be on a "Y" basis.

In the opinion of all parties to this recommendation, Dr. Green will maintain and develop the highest standards in all departments of the College and he may count on full support.

A detailed outline of Dr. Green's career was presented by President Stoddard.

On motion of Mr. Johnston, this appointment was approved.

**APPOINTMENT OF HEAD OF THE DEPARTMENT OF PHYSICAL
MEDICINE AND REHABILITATION**

(28) The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. Frances A. Hellebrandt of the Medical College of Virginia as Professor of Physical Medicine and Head of the Department of Physical Medicine and Rehabilitation in the College of Medicine and Chief of Physical Medicine and Rehabilitation for the Research and Educational Hospitals on indefinite tenure beginning December 1, 1951, and at an annual salary of \$10,000 per year (AY basis).

This appointment is to replace Dr. H. W. Kendell who has resigned to become Head of the Rehabilitation Service in Peoria.

I concur.

On motion of Mr. Grange, this appointment was approved.

GIFT OF MR. AND MRS. MERLE J. TREES

(29) Mr. and Mrs. Merle J. Trees have requested that the gift of the painting by Ruisdael accepted by the Board of Trustees on January 23, 1951, be cancelled. It is their intention to include this painting among other gifts to be offered at a future time.

On motion of Mr. Fornof, the action of the Board of Trustees at its meeting on January 23, 1951, minutes page 529, was reconsidered and the acceptance of a painting "Wooded Landscape With Water" by Ruisdael, appraised value \$11,000, was cancelled.

This concluded the consideration of business presented by the President of the University.

COOPERATION WITH UNIVERSITY CIVIL SERVICE SYSTEM

Mr. Grange, Chairman of the Committee on Nonacademic Personnel, presented the following:

The Sixty-seventh General Assembly of Illinois enacted (House Bill 831, approved July 11, 1951) "The University Civil Service System of Illinois," to replace the existing University of Illinois Civil Service and to include also the other state-supported institutions of higher education, the University Retirement System of Illinois, the Teachers College Board and the new System itself. It will cover all nonacademic employees in these several institutions and agencies. The Act takes effect January 1, 1952.

The System is to be administered by the "University Civil Service Merit Board," made up of three members of the Board of Trustees, one of the Teachers College Board, and one of the Southern Illinois University Board, all elected by their respective Boards.

The Merit Board does not have a specific appropriation for the current biennium. This was not feasible because the Board was not established until the new Act was approved, which was after the General Assembly had adjourned. The several institutions concerned have agreed that they will all contribute to a budget for the Merit Board for the current biennium in approximate proportion to services provided them. The University has about 90 per cent of the employees involved. Hence, its contribution will be the largest (approximately 60 per cent) and is provided for in the current year's budget of the Office of Nonacademic Personnel. The members of the Merit Board have now all been appointed, and the Board plans to organize in the near future.

All matters concerning the operation of the new System are in the hands of the Merit Board. It would be entirely logical and practical, and of material advantage to the University of Illinois, to have the office of the System located at Urbana-Champaign. It would also be feasible, if the Merit Board so desires, that the University's Director of Nonacademic Personnel serve as Director of the System. In view of the advantages to the University of such arrangements, the University might well provide space for the offices of the System rent free and pay the salary of the Director, if the Director of Nonacademic Personnel of

the University is appointed to that position. A similar plan was set up for the University Retirement System of Illinois and has proved very satisfactory.

On motion of Mr. Grange, the Board of Trustees authorized the offer of these facilities to the Merit Board and approved the plan as recommended.

BUSINESS REFERRED TO COMMITTEE ON GENERAL POLICY

President Livingston stated that he was referring to the Committee on General Policy for its consideration and advice to the Board two letters he had received; one from Mrs. Eunice Cunningham Creamer, Champaign, Illinois, concerning the operation of the Illini Union Bookstore, and the other from Mr. Harley H. Harmon, Urbana, Illinois, concerning the exemption of certain University properties in Urbana from local real estate taxes. These letters were turned over to Mr. Johnston, Chairman of the Committee.

PATENT OF IMPROVEMENT IN COAL COKE AND BURNING MAGAZINE STOVES

The Secretary reported that he has received the original U. S. Letters Patent No. 2564713, issued August 21, 1951, to the Board of Trustees of the University of Illinois by assignment from Associate Professor John C. Miles of the Department of Mechanical Engineering.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) fellows; (3) resignations, declinations, cancellations, and terminations; (4) leaves of absence; (5) degrees conferred October 15, 1951.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ALLEN, PHILIP R., Instructor in Veterinary Pathology and Hygiene (C), ten months beginning November 1, 1951, \$4000 a year (10-10-51).
- ANDREWS, OSA L., JR., Associate Professor of Naval Science, beginning September 28, 1951, and continuing until further notice, without salary (10-12-51).
- ARKIN, JAMES, Instructor in Architecture, in the Undergraduate Division in Chicago, on one-half time, for the academic year beginning September 1, 1951, \$2700 (9-21-51).
- ASHBY, MARY M., Assistant in Secretarial Training, in the Department of Business Organization and Operation, nine months beginning September 16, 1951, \$2800 (9-15-51).
- ASHELFORD, LYLE E., Assistant Editor, with the rank of Instructor, in the College of Veterinary Medicine, September 13, 1951-August 31, 1952, \$4125 a year, supersedes (9-21-51).
- BAIN, LAWRENCE R., Instructor in Veterinary Pathology and Hygiene (C), eleven months beginning October 1, 1951, \$4800 a year (9-26-51).
- BALL, JOHN M., Instructor in Social Sciences, in the Undergraduate Division in Chicago, for the academic year beginning September 1, 1951, on three-fifths time for the first semester, \$166.67 a month, and on two-fifths time for the second semester, \$112.50 a month, supersedes (10-8-51).
- BALL, JOHN M., Instructor in Social Sciences, in the Undergraduate Division in Chicago, on two-fifths time, for the academic year beginning September 1, 1951, \$1350 (9-26-51).
- BALTZELL, JAMES H., Assistant in French, nine months beginning September 16, 1951, \$2800 (9-29-51).
- BEERS, MRS. THELMA S., Assistant in Horticulture (S), eleven months beginning October 1, 1951, \$3200 a year (10-6-51).

- BENJAMIN, FRED B., Research Associate in Clinical Science, in the College of Medicine, one year beginning September 1, 1951, \$5000 (9-17-51).
- BERMAN, DAVID, Instructor in Applied Materia Medica and Therapeutics, in the College of Dentistry, on three-tenths time, one year beginning September 1, 1951, without salary (9-13-51).
- BHASKAR, SURINDAR N., Instructor in Histology, on one-half time, and in Oral Pathology, on one-half time, in the College of Dentistry, eleven months beginning October 1, 1951, \$5000 a year (9-24-51).
- BISHOP, MARCUS W. H., Assistant in Dairy Science (S), ten months beginning November 1, 1951, \$3000 a year (9-22-51).
- BORUCKI, EDWARD A., JR., Assistant in Pharmacy, in the College of Pharmacy, nine months beginning October 1, 1951, \$280 a month, supersedes (10-2-51).
- BOSCO, JENNIE MARY, Instructor in Social Work, in the Chicago Professional Colleges, ten months beginning November 1, 1951, \$4360 a year (10-3-51).
- BREIT, FRANCES M., Instructor in Physics, in the Undergraduate Division in Chicago, five months beginning September 1, 1951, \$450 a month (9-21-51).
- BRINTON, MILTON H., Assistant in Anatomy, in the College of Medicine, eleven months beginning October 1, 1951, without salary (9-28-51).
- BROTHERTON, FRANK P., Instructor in Architecture, for the academic year beginning September 1, 1951, \$4200 (9-26-51).
- BRUYN, SEVERYN T., Assistant Psychometrist, in the Student Counseling Bureau, September 10, 1951-August 31, 1952, \$2930 a year (9-26-51).
- BUTCHER, WALTER W., Instructor in Physical Sciences, in the Undergraduate Division in Chicago, on two-thirds time, for the academic year beginning September 1, 1951, \$2300, supersedes (9-20-51).
- CANNIZZO, MARY JOSEPHINE, Assistant in Spanish, nine months beginning September 16, 1951, \$2900 (9-20-51).
- CARVER, ELEANORE B., Research Assistant in Physics (C), September 20, 1951-August 31, 1952, \$3600 a year (10-6-51).
- CATALDO, MARNE, Instructor in Medicine, in the College of Medicine, on one-half time, one year beginning September 1, 1951, \$2500 (9-13-51).
- CHALMERS, W. ELLISON, Professor of Economics, in the College of Commerce and Business Administration, on two-fifths time, and Professor of Labor and Industrial Relations, on three-fifths time, on indefinite tenure beginning September 1, 1951, \$8800 a year, supersedes (9-24-51).
- CHANG, PEH-I, Research Associate in Entomology, in the Graduate College, nine months beginning September 1, 1951, \$334.44 a month (10-11-51).
- CHAO, BEI-TSE, Assistant Professor of Mechanical Engineering (C), two years beginning September 1, 1951, to render service during each academic year, \$4500 a year, supersedes (9-29-51).
- CHATHAM, GEORGE N., Research Assistant in Psychology, in the Graduate College, September 10, 1951-August 31, 1952, \$4200 a year (9-14-51).
- CLARK, GEORGE L., Research Assistant in Electrical Engineering (S), eleven months beginning October 1, 1951, \$3840, supersedes (10-2-51).
- CLARK, WILLIAM C., Assistant in Physiology, in the Graduate College, one year beginning September 1, 1951, \$4000 (9-11-51).
- COPE, MRS. IONE J., Instructor in Physical Education for Women, on one-half time, for the academic year beginning September 1, 1951, \$1850 (9-20-51).
- CORCORAN, ADRIAN, Instructor in Social Sciences, in the Undergraduate Division in Chicago, on two-fifths time, for the academic year beginning September 1, 1951, \$1400 (9-13-51).
- CREWS, MRS. JANICE M., Instructor in Speech, in the Undergraduate Division in Chicago, for the academic year beginning September 1, 1951, \$4900, supersedes (9-20-51).
- DAVIDSON, HARVEY, Professor of Air Science and Tactics, beginning September 1, 1951, and continuing until further notice, without salary (9-26-51).
- DE LUCIA, JOSEPH J., Instructor in Psychology, for the academic year beginning September 1, 1951, \$3900 (10-6-51).
- DONOVAN, JAMES L., Assistant in English, nine months beginning September 16, 1951, on full time for the first semester, \$286.67 a month, and on two-thirds time for the second semester, \$191.11 a month, supersedes (10-11-51).
- DOOLEY, FRANKLIN W., Associate Professor of Air Science and Tactics, on indefinite tenure beginning September 1, 1951, without salary (9-26-51).

- DRAWVER, PAULINE**, Assistant in English, nine months beginning September 16, 1951, on full time for the first semester, \$300 a month, and on two-thirds time for the second semester, \$200 a month, supersedes (10-11-51).
- DRISCOLL, MAE ANNA**, Instructor in Physics, on three-fourths time, and Staff Counselor, in the Student Counseling Bureau, on one-fourth time, in the Undergraduate Division in Chicago, one year beginning September 1, 1951, to render service during each academic year, \$4000, supersedes (9-28-51).
- DUMAS, LENORE R.**, Instructor in Clinical Psychology, in the Department of Otolaryngology, in the College of Medicine, July 16, 1951-August 31, 1951, \$350 a month, supersedes (9-28-51).
- DUTTON, WINFRED E.**, Assistant Professor of Psychology, and Counselor in the Student Counseling Bureau, in the Undergraduate Division in Chicago, two years beginning September 1, 1951, \$6300 a year (9-24-51).
- ERICKSON, O. HERMAN**, Associate Professor of Labor and Industrial Relations, in the Division of University Extension, on one-half time, and in the Institute of Labor and Industrial Relations, on one-half time, on indefinite tenure beginning September 1, 1951, \$6200 a year, supersedes (10-9-51).
- FIELDS, WILLIAM H., JR.**, Special Assistant to the Provost, and Business Manager of Control Systems Laboratory, with the rank of Assistant Professor, in the Department of Physics (C), two years beginning September 1, 1951, \$10,000 a year (9-12-51).
- FROELICH, GUSTAV J.**, Assistant Director (with the rank of Associate Professor, on indefinite tenure) of the Bureau of Institutional Research in the Provost's Office, one year beginning September 1, 1951, \$6600, supersedes (10-15-51).
- FUJITA, JESSIE**, Assistant in Education, in the University High School, nine months beginning September 16, 1951, \$3200 (9-13-51).
- GODFREY, MRS. ELEANOR**, Instructor in Sociology, in the Department of Sociology and Anthropology, on one-half time, for the academic year beginning September 1, 1951, \$1750 (9-26-51).
- GOLLEHER, GEORGE M.**, Assistant Professor of Naval Science, beginning September 1, 1951, and continuing until further notice, without salary (9-14-51).
- GOULSON, MRS. FRANCES M.**, Instructor in Speech, in the Undergraduate Division in Chicago, for the academic year beginning September 1, 1951, \$4000, supersedes (9-20-51).
- GOVE, SAMUEL K.**, Research Associate in the Institute of Government and Public Affairs, one year beginning September 1, 1951, \$4500, supersedes (9-21-51).
- GRAHAM, MRS. MARY F.**, Instructor in Biological Sciences, in the Undergraduate Division in Chicago for the academic year beginning September 1, 1951, on full time for the first semester, \$291.67 a month, and on one-half time for the second semester, \$145.83 a month, supersedes (10-8-51).
- GRATZINGER, MAX**, Instructor in Applied Materia Medica and Therapeutics, in the College of Dentistry, on three-tenths time, one year beginning September 1, 1951, without salary (9-20-51).
- GREEN, MILLER R.**, Flight Instructor in the Institute of Aviation, one year beginning September 1, 1951, \$4800 (9-20-51).
- GREENE, PAUL C.**, Associate Professor of Psychology, on indefinite tenure, and Director of the Student Counseling Bureau, two years, in the Undergraduate Division in Chicago, beginning September 1, 1951, \$8130 a year (9-24-51).
- GREENWALD, ARTHUR L.**, Instructor in Humanities, in the Undergraduate Division in Chicago, for the academic year beginning September 1, 1951, \$3400 (9-20-51).
- GYARFAS, KALMAN**, Assistant Professor of Psychiatry, in the College of Medicine, on three-fifths time, one year beginning September 1, 1951, \$4000 (9-20-51).
- HAMBURGER, JOSEPH**, Assistant in Sociology, nine months beginning September 16, 1951, \$3010 (9-28-51).
- HANDLER, PAUL**, Instructor in Physical Sciences, in the Undergraduate Division in Chicago, on one-half time, for the academic year beginning September 1, 1951, \$1600 (10-2-51).
- HARRELL, THOMAS W.**, Associate Professor of Psychology, eleven months beginning October 1, 1951 (on Y basis), \$9800 a year, and on indefinite tenure, beginning September 1, 1952, to render service during each academic year, \$6700 a year, supersedes (9-12-51).

- HARRISON, MRS. ROBERTA R., Assistant in French, nine months beginning September 16, 1951, \$2580, supersedes (9-29-51).
- HARTMANN, WALTER, Research Associate in Education, in the Graduate College, September 15, 1951-August 31, 1952, \$4200 a year (9-21-51).
- HASEGAWA, ANDREW T., Research Assistant in Pharmacology, in the College of Medicine, one year beginning September 1, 1951, \$2640 (9-13-51).
- HAYMAN, ALLEN, Assistant in English, nine months beginning September 16, 1951, on full time for the first semester, \$286.67 a month, and on two-thirds time for the second semester, \$191.11 a month, supersedes (10-11-51).
- HAYNES, THOMAS M., Research Associate in Law, in the Graduate College, nine months beginning September 16, 1951, \$4000 (9-13-51).
- HEGIE, MRS. LUCY S., Instructor in English, in the Undergraduate Division in Chicago, for the academic year beginning September 1, 1951, \$4900, supersedes (9-20-51).
- HILKER, GLORIA L., Assistant Professor of Hygiene, and Medical Adviser for Women, in the Undergraduate Division in Chicago, on three-fifths time, one year beginning September 1, 1951, \$4500, supersedes (9-21-51).
- HILL, MRS. ROSEMARY F., Research Assistant in Chemistry, eleven months beginning October 1, 1951, \$3600 a year, supersedes (10-13-51).
- HOLLENDER, MARC, Assistant Professor of Psychiatry, in the College of Medicine, on one-half time, one year beginning September 1, 1951, \$3500 (9-20-51).
- HOUSE, ARTHUR S., Instructor in Speech, for the academic year beginning September 1, 1951, \$3600 (9-12-51).
- HOWSER, RAY E., Instructor in Library Science, in the Division of Communications, on two-thirds time, and Library Research Assistant, in the Library, on one-third time, for the academic year beginning September 1, 1951, \$3000 (9-26-51).
- HULSIZER, ROBERT I., Research Associate Professor of Physics (C), one year beginning September 1, 1951 (on Y basis), \$10,200, and Associate Professor of Physics (C), on indefinite tenure, beginning September 1, 1952, to render service during each academic year, \$6300 a year, supersedes (9-12-51).
- HURST, BILLIE K., Library School Library Assistant, in the Library, September 14, 1951-August 31, 1952, \$3500 a year (9-11-51).
- HYDE, PAUL W., Assistant in Physical Education for Men, October 1, 1951-June 15, 1952, \$355.55 a month (10-3-51).
- IKEDA, HANNAH, Research Associate in Education, one year beginning September 1, 1951, \$4200, supersedes (9-26-51).
- JAMES, VERDA E., Instructor in Histology, in the College of Dentistry, eleven months beginning October 1, 1951, \$5000 a year, supersedes (9-26-51).
- JANKE, LEOTA LONG, Assistant Professor of Psychology, one year beginning September 1, 1951, \$6000 (10-2-51).
- JOHNSON, CHARLES E., Instructor in Education, and Counselor on the University Council on Teacher Education, on one-half time, for the academic year beginning September 1, 1951, \$2150, supersedes (9-26-51).
- JOHNSTON, BENJAMIN B., JR., Instructor in Music, on two-thirds time, and in Physical Education for Women, on one-third time, for the academic year beginning September 1, 1951, \$4030 (9-13-51).
- JONES, MRS. GLADYS L., Instructor in Education, on one-half time, September 15, 1951-August 31, 1952, to render service during the academic year, \$2150 a year (9-26-51).
- JUSKA, ALDONA ANN, Clinical Instructor in Ophthalmology, in the College of Medicine, one year beginning September 1, 1951, without salary (9-20-51).
- KELLER, MILDRED E., Research Assistant in Physics (C), on nine-tenths time, one year beginning September 1, 1951, \$3240 (9-15-51).
- KHACHATURIAN, NARBEE, Instructor in Civil Engineering (C), for the academic year beginning September 1, 1951, \$3300, supersedes (10-6-51).
- KNUFFEL, MRS. JULIA D., Assistant in English, nine months beginning September 16, 1951, on full time for the first semester, \$286.67 a month, and on two-thirds time for the second semester, \$191.11 a month, supersedes (10-11-51).

- KOSTKA, HELEN M., Assistant Professor of Hygiene, and Medical Adviser for Women, in the Undergraduate Division in Chicago, on three-fifths time, one year beginning September 1, 1951, \$4500, supersedes (9-21-51).
- KOUCKY, FRANK L., Instructor in Physical Sciences, in the Undergraduate Division in Chicago, on two-thirds time, for the academic year beginning September 1, 1951, \$2200 (9-21-51).
- KRUGER, P. GERALD, Research Professor of Physics (C), one year beginning September 1, 1951 (on Y basis), \$18,000, and Professor of Physics (C), on indefinite tenure, beginning September 1, 1952, to render service during each academic year, \$12,600 a year, supersedes (9-12-51).
- KYPTA, LINTON S., Research Associate in Physics (C), September 10, 1951-August 31, 1952, \$4800 a year (9-26-51).
- LAROCQUE, GERALDINE, Assistant in Education, in the University High School, nine months beginning September 16, 1951, \$3600 (9-13-51).
- LAVATELLI, LEO S., Research Assistant Professor of Physics (C), one year beginning September 1, 1951 (on Y basis), \$9133.32, and Assistant Professor of Physics (C), one year beginning September 1, 1952, to render service during the academic year, \$5500, supersedes (9-12-51).
- LAZARUS, DAVID, Research Assistant Professor of Physics (C), one year beginning September 1, 1951 (on Y basis), \$8733.24, and Assistant Professor of Physics (C), one year beginning September 1, 1952, to render service during the academic year, \$5200, supersedes (9-12-51).
- LEACH, JAMES L., Assistant Professor of Mechanical Engineering (C), two years beginning September 1, 1951, to render service during each academic year, \$5200 a year, supersedes (9-29-51).
- LEBEAU, LEON J., Instructor in Bacteriology, in the College of Medicine, on one-half time, four months beginning September 1, 1951, \$187.50 a month (9-13-51).
- LEE, JAMES CHONG-SHIH, Clinical Assistant in Pathology, in the College of Medicine, eleven months beginning October 1, 1951, without salary (10-6-51).
- LEEVEY, RICHARD S., Assistant in English, nine months beginning September 16, 1951, on full time for the first semester, \$286.67 a month, and on two-thirds time for the second semester, \$191.11 a month, supersedes (10-11-51).
- LITTLE, CHARLES E., Assistant Professor of Naval Science, beginning September 1, 1951, and continuing until further notice, without salary (9-14-51).
- LONGACRE, ANDREW, Research Professor of Physics (C), one year beginning September 1, 1951 (on Y basis), \$12,866.64, and Professor of Physics (C), on indefinite tenure, beginning September 1, 1952, to render service during each academic year, \$8300 a year, supersedes (9-12-51).
- LYMAN, ERNEST M., Research Professor of Physics (C), one year beginning September 1, 1951 (on Y basis), \$13,533.36, and Professor of Physics (C), on indefinite tenure, beginning September 1, 1952, to render service during each academic year, \$8800 a year, supersedes (9-12-51).
- MAAS, LEROY, Instructor in Oral Surgery (Rush), in the Department of Oral and Maxillofacial Surgery, in the College of Dentistry, on one-half time, one year beginning September 1, 1951, without salary (9-13-51).
- MAJCHROWICZ, JOHN A., Assistant in Naval Science, beginning September 1, 1951, and continuing until further notice, without salary (9-14-51).
- MARTIN, GORDON E., Instructor in Mechanical Engineering (C), on one-half time, for the first semester of the academic year, September 1, 1951-February 29, 1952, \$145.83 a month (9-29-51).
- MCCLEARY, LLOYD E., Instructor in Education, in the University High School, for the academic year beginning September 1, 1951, \$3400 (9-13-51).
- MCELROY, DONALD L., Instructor in Applied Materia Medica and Therapeutics, in the College of Dentistry, on three-tenths time, one year beginning September 1, 1951, without salary (9-13-51).
- MEADOWS, PAUL E., Instructor in Physical Education for Men, on one-half time, for the academic year beginning September 1, 1951, \$1500 (10-2-51).
- MELLON, MRS. DORIS L., Instructor in Education, for the academic year beginning September 1, 1951, \$4000 (9-11-51).

- MERRILL, IRVING R., Instructor in Journalism and Communications, on one-half time, for the academic year beginning September 1, 1951, \$1920, supersedes (9-21-51).
- MILLER, ROBERT L., Instructor in Physical Sciences, in the Undergraduate Division in Chicago, for the academic year beginning September 1, 1951, \$3350 (9-13-51).
- MILLIGAN, BURTON A., Associate Professor of English, on indefinite tenure, and Assistant Dean of the Graduate College, one year beginning September 1, 1951, to render service during each academic year, \$7000 a year, supersedes (10-11-51).
- MINTHORN, MARJORIE F., Assistant Teacher in the Nursery School, in the Division of Special Services for War Veterans, for the academic year beginning September 1, 1951, \$3000 (9-13-51).
- MOORE, GEORGE C., Instructor in Physical Education for Men, on one-half time, for the academic year beginning September 1, 1951, \$1600 (9-22-51).
- NOEL, ELISABETH, Research Assistant in Bacteriology, in the Graduate College, eleven months beginning October 1, 1951, \$3200 a year (10-6-51).
- OLEKSY, MRS. MARGARET H., Instructor in English, in the Undergraduate Division in Chicago, for the academic year beginning September 1, 1951, \$4900, supersedes (9-20-51).
- OLIVER, ROBERT E., Instructor in French, for the academic year beginning September 1, 1951, \$3500 (9-26-51).
- O'NEILL, RAYMOND E., Assistant in English, nine months beginning September 16, 1951, on full time for the first semester, \$286.67 a month, and on two-thirds time for the second semester, \$191.11 a month, supersedes (10-11-51).
- OSCHWALD, WILLIAM R., Assistant in Soil Physics (Agronomy) (S), on one-half time, September 17, 1951-January 31, 1952, \$150 a month, and on full time, February 1-August 31, 1952, \$300 a month, supersedes (9-22-51).
- OSTROW, EFREM H., Instructor in Mathematics, in the Undergraduate Division in Chicago, five months beginning September 1, 1951, \$400 a month (10-8-51).
- PAGE, ROBERT R., Instructor in Social Sciences, on three-fifths time, and Counselor, in the Student Counseling Bureau, on one-fourth time, in the Undergraduate Division in Chicago, for the academic year beginning September 1, 1951, \$2975, supersedes (10-2-51).
- PENDLETON, HAROLD, Assistant in English, nine months beginning September 16, 1951, on full time for the first semester, \$286.67 a month, and on two-thirds time for the second semester, \$191.11 a month, supersedes (10-11-51).
- PLAGGE, JAMES C., Associate Professor of Anatomy, in the College of Medicine, on indefinite tenure beginning September 1, 1951, to render service during each academic year, \$7150 a year, supersedes (10-6-51).
- PLUMMER, RAYMOND B., Research Associate in Civil Engineering (S), on one-half time, September 16, 1951-August 31, 1952, \$2250 a year (9-20-51).
- PUERNELL, WILLIAM F., Assistant Professor of Soils Extension (Agronomy), and Extension Soil Conservationist (E), two years beginning September 1, 1951, \$6200 a year, supersedes (9-14-51).
- QUASTLER, HENRY, Research Associate Professor of Physics (C), one year beginning September 1, 1951 (on Y basis), \$12,550, and Associate Professor of Physiology, on indefinite tenure beginning September 1, 1952, to render service during each academic year, \$8070 a year, supersedes (9-12-51).
- RADER, RICHARD R., Assistant in Physical Education for Men, in the Undergraduate Division in Chicago, nine months beginning September 16, 1951, \$3000 (10-10-51).
- REMLEY, MARLIN E., Research Assistant in Physics (C), one year beginning September 1, 1951, \$3600 (9-20-51).
- REMOND, ANTOINE JEAN GUSTAVE, Research Associate in Psychiatry, in the College of Medicine, ten months beginning September 1, 1951, \$5000 a year (10-9-51).
- RHINES, RUTH, Instructor in Medicine, in the College of Medicine, one year beginning September 1, 1951, \$4500 (9-13-51).

- RIDER, RICHARD L., Instructor in Journalism, and Manager of the NAEB Tape Network, in the Division of Communications, nine months beginning September 1, 1951, \$6000 a year, supersedes (9-29-51).
- ROBERTSON, JAMES E., Research Associate, Electronic Digital Computer, in the Graduate College, one year beginning September 1, 1951, \$6000 (9-14-51).
- ROGERS, RAMONA JEAN, Research Assistant in the Bureau of Economic and Business Research, September 16, 1951-August 31, 1952, \$3000 a year, supersedes (10-3-51).
- ROYAL, DOUGLAS, Research Associate in Electrical Engineering (S), on three-fourths time, ten months beginning November 1, 1951, \$3960 a year (10-9-51).
- RUDOLPH, DAVID, Assistant in English, nine months beginning September 16, 1951, on full time for the first semester, \$286.67 a month, and on two-thirds time for the second semester, \$191.11 a month, supersedes (10-11-51).
- RUSZEL, VIRGINIA H., Registered Pharmacist in Hospital Pharmacy, in the College of Pharmacy, October 15, 1951-August 31, 1952, \$3900 a year (10-12-51).
- SANBORN, EARL B., JR., Clinical Assistant in Surgery, in the College of Medicine, one year beginning September 1, 1951, without salary (9-22-51).
- SAPHIR, WILLIAM, Clinical Assistant Professor of Medicine, in the College of Medicine, eleven months beginning October 1, 1951, without salary (10-12-51).
- SCHHEELER, JAMES A., Assistant in Architecture, nine months beginning September 16, 1951, \$2400 (9-28-51).
- SCHLEGEL, ARLENE R., Assistant Reference Librarian, with the rank of Instructor, in the Library, eleven months beginning October 1, 1951, \$3850 a year (9-20-51).
- SCHMITT, ROMAN A., Instructor in Physical Sciences, in the Undergraduate Division in Chicago, on one-third time, five months beginning September 1, 1951, \$110 a month (10-8-51).
- SCHWETZ, MICHAEL J., Research Assistant in Psychology, in the Graduate College, one year beginning September 1, 1951, \$5040, supersedes (9-18-51).
- SEITZ, FREDERICK, Research Professor of Physics (C), one year beginning September 1, 1951 (on Y basis), \$16,933.33, and Professor of Physics (C), on indefinite tenure, beginning September 1, 1952, to render service during each academic year, \$12,700 a year, supersedes (9-12-51).
- SEIWEIT, HERBERT C., Flight Instructor in the Institute of Aviation, one year beginning September 1, 1951, \$4800 (9-26-51).
- SEVY, ROGER W., Instructor in Physiology, in the College of Medicine, on one-half time, for the academic year beginning September 1, 1951, \$2000 (10-9-51).
- SHERWIN, CHALMERS W., Research Professor of Physics (C), one year beginning September 1, 1951 (on Y basis), \$13,266.72, and Professor of Physics (C), on indefinite tenure, beginning September 1, 1952, to render service during each academic year, \$8600 a year, supersedes (9-12-51).
- SILKETT, ALBERT F., Instructor in Physics, in the Undergraduate Division in Chicago, for the academic year beginning September 1, 1951, \$5200, supersedes (10-3-51).
- SNOWDEN, MACON S., Assistant Professor of Naval Science, beginning September 1, 1951, and continuing until further notice, without salary (9-14-51).
- SOUTHARD, WENDELL H., Instructor in Manufacturing Pharmacy, in the College of Pharmacy, on one-half time, eleven months beginning October 1, 1951, \$2150 a year, supersedes (9-26-51).
- SPIRAKIS, CHARLES, Instructor in Biological Sciences, in the Undergraduate Division in Chicago, on one-fourth time, five months beginning September 1, 1951, \$90 a month (10-8-51).
- STAMPS, FREDERICK W., Research Associate in Neurology and Neurological Surgery (in the Epilepsy Consultation Clinic), and in the Department of Medicine, eleven months beginning October 1, 1951, \$10,000 a year, supersedes (10-9-51).
- SUCIC, STEVE, Assistant in Physical Education for Men, nine months beginning September 16, 1951, \$3300 (9-22-51).

- TAUB, ABRAHAM H., Research Professor of Applied Mathematics and Physics, in the Graduate College and in the College of Engineering, September 1-September 15, 1951, \$1305.55 a month; from September 16, 1951-June 15, 1952, \$1230.55 a month, and from June 16-August 31, 1952, \$1305.55 a month (on Y basis), and on indefinite tenure beginning September 1, 1952, to render service during each academic year, \$10,400 a year, supersedes (9-24-51).
- THISTLETHWAITE, DONALD L., Research Associate in Psychology, in the Graduate College, one year beginning September 1, 1951, \$6400 (9-29-51).
- TIEBOUT, HARRY M., Assistant Professor of Philosophy, two years beginning September 1, 1951, to render service during each academic year, \$4230 a year, supersedes (10-10-51).
- TRESLEY, JACK, Clinical Assistant in Ophthalmology, in the College of Medicine, one year beginning September 1, 1951, without salary (9-22-51).
- VAN PERNIS, PAUL A., Clinical Instructor in Pathology, in the College of Medicine, one year beginning September 1, 1951, without salary (9-20-51).
- VELETOS, ANESTIS S., Research Associate in Civil Engineering (S), one year beginning September 1, 1951, \$4500 (9-24-51).
- VON LEDEN, HANS V., Clinical Instructor in Otolaryngology (Rush), in the College of Medicine, one year beginning September 1, 1951, without salary (9-20-51).
- WADE, BEATRICE D., Associate Professor of Occupational Therapy, and Head of the Department, in the College of Medicine, on indefinite tenure beginning September 1, 1951, \$6750 a year, supersedes (9-20-51).
- WAISMAN, HARRY A., Assistant Professor of Pediatrics, in the College of Medicine, two years beginning September 1, 1951, \$8000 a year, supersedes (10-10-51).
- WALLER, FRED O., Instructor in English, in the Undergraduate Division in Chicago, five months beginning September 1, 1951, \$360 a month (10-8-51).
- WARRINGTON, WILLARD G., Research Associate in Education, in the Graduate College, September 15, 1951-August 31, 1952, \$4200, supersedes (9-28-51).
- WAX, NELSON, Research Associate Professor of Physics (C), one year beginning September 1, 1951 (on Y basis), \$9960, and Associate Professor of Electrical Engineering (C), on indefinite tenure, beginning September 1, 1952, to render service during each academic year, \$6120, supersedes (9-12-51).
- WAYNER, MATTHEW J., Research Assistant in Psychology, in the Graduate College, eleven months beginning October 1, 1951, \$3440 a year, supersedes (10-10-51).
- WEATHERLY, HOWARD E., Consulting Psychiatrist, in the Department of Psychology, in the Graduate College, on one-fourth time, nine months beginning September 16, 1951, \$3250 (9-20-51).
- WEBB, HAROLD D., Assistant Professor of Electrical Engineering (C), two years beginning September 1, 1951, to render service during each academic year, \$5200 a year, supersedes (9-14-51).
- WECHSBERG, PABLO, Physiologist in the Aeromedical and Physical Environment Laboratory, September 24, 1951-May 15, 1952, \$250 a month (10-2-51).
- WELLS, GEORGE N., Visiting Lecturer in Education, on one-fourth time, September 16, 1951-January 31, 1952, \$1000 (9-20-51).
- WHALLEY, ELSA A., Instructor in Social Sciences, in the Undergraduate Division in Chicago, on one-half time, for the academic year beginning September 1, 1951, \$2000 (9-21-51).
- WILSON, GRACE E., Assistant Professor of Music, two years beginning September 1, 1951, to render service during each academic year, \$5000 a year (9-26-51).
- WOZNIAK, RICHARD J., Registered Pharmacist in Hospital Pharmacy, in the College of Pharmacy, eleven months beginning October 1, 1951, \$3900 a year (10-6-51).
- WRIGLEY, CHARLES F., Research Associate in Psychology, in the Graduate College, eleven months beginning October 1, 1951, \$5800 a year (9-28-51).

YOSHIZAWA, SUMI, Assistant Head Resident in Lincoln Avenue Residence (South Half), ten months beginning September 1, 1951, \$2600; for the convenience of the University, she will also be furnished three meals a day valued at \$21 a month, while dining halls are in operation (9-13-51).

ZWICK, MRS. MARGARET, Assistant in English, for the first semester of the academic year, beginning September 16, 1951, \$1290 (10-11-51).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

ADAMS, JOHN G., Roche Research Fellow in Pharmacology, in the College of Medicine, eleven months beginning October 1, 1951, \$1800 a year, supersedes (10-3-51).

BUTLER, JAY G., Fellow in Sociology, nine months beginning September 16, 1951, \$700, supersedes (10-4-51).

CHAMBERLIN, MRS. LORRAINE E., United States Public Health Fellow in Psychology, ten months beginning September 1, 1951, \$2000 (10-8-51).

COBEN, SIDNEY E., Fellow in Orthodontia, one year beginning September 1, 1951, \$1800 (9-21-51).

DI PASQUALE, EDITH L., United States Public Health Research Fellow in Physiology, in the College of Medicine, September 16, 1951-March 31, 1952, \$225 a month (10-12-51).

DOREMUS, ROBERT H., Firestone Tire and Rubber Company Fellow in Chemistry, nine months beginning September 16, 1951, \$1500 (9-20-51).

EDSON, CHARLOTTE G., Fellow in German, nine months beginning September 16, 1951, \$850, supersedes (9-24-51).

GRUBGELD, LESTER E., Lakeland Foundation Research Fellow in Clinical Science, in the College of Medicine, one year beginning September 1, 1951, \$2400 (9-11-51).

HARRIS, ROBERT A., United States Public Health Service Postdoctoral Fellow in Psychiatry, in the College of Medicine, September 26, 1951-August 31, 1952, \$250 a month (10-12-51).

KIM, KWANG-SUH, Swift and Company Research Fellow in Clinical Science, in the College of Medicine, one year beginning September 1, 1951, \$2400 (9-13-51).

KOBIRIN, HENRY, Eli Lilly and Company Research Fellow in Clinical Science, in the College of Medicine, four months beginning September 1, 1951, \$250 (10-12-51).

LANE, ARDELLE, National Cancer Institute Research Fellow in Clinical Science, in the College of Medicine, seven months beginning September 1, 1951, \$1400 (9-13-51).

METZGER, ROBERT J., Harry G. Wright and Harriette A. Wright Fellow in Agriculture, nine months beginning September 16, 1951, \$1000 (9-27-51).

MOORTHY, VARTHA K., Owens-Illinois Glass Company Fellow in Ceramic Engineering, nine months beginning September 16, 1951, \$1500 (9-27-51).

MUEHRCKE, ROBERT C., Armour Laboratories Research Fellow in Medicine, in the College of Medicine, one year beginning July 1, 1951, \$1200 (9-13-51).

RAMANIAH, M. VENKATA, Fellow in Chemistry, February 1-June 15, 1952, \$425, supersedes (9-26-51).

RASKIN, ALLEN, United States Public Health Fellow in Psychology, ten months beginning September 1, 1951, \$1600 (10-12-51).

RICHEY, MRS. MARJORIE H., United States Public Health Fellow in Psychology, ten months beginning September 1, 1951, \$2400 (10-8-51).

RUTHERFORD, WILLIAM M., Standard Oil of Ohio Fellow in Chemical Engineering, nine months beginning September 16, 1951, \$1500 (10-4-51).

SAXTON, PATRICIA, Fellow in Chemistry, September 16, 1951-February 1, 1952, \$750 (9-20-51).

SCHOENFELD, MYRON R., Swift and Company Research Fellow in Clinical Science, in the College of Medicine, eleven months beginning October 1, 1951, \$100 a month (10-12-51).

SCHWARZ, EDWARD W., Radio Corporation of America Fellow in Electrical Engineering, nine months beginning September 16, 1951, \$1600, supersedes (10-1-51).

STERNBURG, JAMES G., Rockefeller Foundation Fellow in Entomology, one year beginning October 1, 1951, \$2400 (9-18-51).

WILLIAMS, HARRY L., Mallinckrodt Research Fellow in Pharmacology, in the College of Medicine, three months beginning October 1, 1951, \$150 a month (10-12-51).

RESIGNATIONS, DECLINATIONS, CANCELLATIONS, AND TERMINATIONS

ABROMOWITZ, ADA, Instructor in Social Work, in the Chicago Professional Colleges — resignation effective 11-1-51.

ADAMS, JOHN G., Bristol Research Fellow in Pharmacology, in the College of Medicine — declination effective 9-1-51.

AXFORD, RONALD S., Fellow in Geology, in the Graduate College — resignation effective 9-16-51.

BARRY, JOHN R., Assistant Professor of Psychology, and Counselor in the Student Counseling Bureau, in the Undergraduate Division in Chicago — resignation effective 8-31-51.

BRENNAN, JOSEPH X., Fellow in English — resignation effective 9-16-51.

BROOKS, STEWART M., Fellow in Pharmacology, in the College of Medicine — resignation effective 9-1-51.

BROUSSARD, LOUIS, Instructor in English, in the Undergraduate Division in Chicago — declination effective 9-1-51.

BRYAN, GEORGE R., Professor of Naval Science — termination effective 9-9-51.

BUTT, BYRON G., Research Assistant in Dental Radiology, in the College of Dentistry — resignation effective 9-30-51.

CANNON, WALTON W., Research Associate in Electrical Engineering, in the College of Engineering — resignation effective 9-30-51.

CHAKRAVORTI, AMAL K., Postdoctoral Fellow in Botany — resignation effective 9-16-51.

COMINGS, EDWARD W., Professor of Chemical Engineering — resignation effective 9-1-51.

CUTLER, HOWARD A., Assistant Professor of Economics, on two-fifths time, and Assistant to the Dean of the College of Commerce and Business Administration, on three-fifths time — resignation effective 9-24-51.

DENNY, MRS. MARTHA Q., Instructor in Speech, in the Undergraduate Division in Chicago — declination effective 9-1-51.

DOLIN, MORTON I., Research Associate in Bacteriology — declination effective 9-1-51.

DUGAS, JOSEPH H., Assistant in English — resignation effective 9-16-51.

FLOURNOY, WALTER N., Associate Professor of Naval Science — termination effective 9-1-51.

FORAN, FRANCIS L., Clinical Associate Professor of Medicine, in the College of Medicine, without salary — resignation effective 10-1-51.

GIBSON, DAVID M., American Cancer Society Fellow in Biochemistry — resignation effective 7-1-51.

GRIEST, GUINEVERE G., Instructor in English, in the Undergraduate Division in Chicago — declination effective 9-1-51.

KENDELL, H. WORLEY, Professor of Physical Medicine and Rehabilitation, in the College of Medicine, and Chief of Physical Medicine and Rehabilitation, in the Research and Educational Hospitals, on three-fourths time — declination effective 9-1-51.

KISSELCOFF, AVRAM, Research Associate in the Bureau of Economic and Business Research — resignation effective 7-31-51.

KLASSEN, OTTO D., Research Fellow in Physiology, in the College of Medicine — resignation effective 9-16-51.

KNAUF, ROBERT C., Assistant Professor of Naval Science — termination effective 9-1-51.

KONECNY, ANTHONY R., Instructor in Mechanical Engineering, in the College of Engineering — resignation effective 10-1-51.

LANDE, MILTON J., Assistant in Orthodontics, in the College of Dentistry — declination effective 9-1-51.

- LINKHART, EDWARD G., Exchange Assistant, with the rank of Instructor, in the Library—resignation effective 10-22-51.
- LITTRELL, JOHN E., Assistant in Naval Science—termination effective 9-1-51.
- LOO, YEN H., Biochemist and First Assistant in Animal Nutrition, in the Graduate College—declination effective 9-1-51.
- MCCONNELL, ANNA LOU, Fellow in Library Science—resignation effective 9-16-51.
- MEARS, ROBERT C., Assistant in Physical Education for Men—resignation effective 10-1-51.
- MIHELICH, LEWIS, Associate Professor of Hygiene, and Psychiatrist in the Health Service—declination effective 9-1-51.
- NILES, LEONARD, Clinical Assistant in Otolaryngology, in the College of Medicine—resignation effective 9-1-51.
- OGLESBY, EARL V., Assistant Professor of Naval Science—cancellation effective 9-21-51.
- PANKAU, MRS. RITA P., Registered Pharmacist in Hospital Pharmacy, in the College of Pharmacy—resignation effective November 1, 1951.
- POLK, HAROLD K., Associate Professor of Electrical Engineering, in the College of Engineering—declination effective 9-1-51.
- PORTNEY, FRED R., Research Fellow in Pharmacology, in the College of Medicine—resignation effective 9-1-51.
- POUNCEY, LORENE, Cataloger, with the rank of Instructor, in the Library—resignation effective 9-17-51.
- PRATT, DONALD W., Instructor in Veterinary Pathology and Hygiene, in the College of Veterinary Medicine—resignation effective 9-14-51.
- RAMASWAMI, DASU, Bristol Research Fellow in Pharmacology, in the College of Medicine—resignation effective 10-16-51.
- SAXTON, PATRICIA M., Firestone Tire and Rubber Company Fellow in Chemistry—resignation effective 9-16-51.
- SCHACHT, JOHN H., Instructor in English—declination effective 9-1-51.
- SIEGLE, PETER E., Instructor in Social Sciences, and Staff Counselor, in the Student Counseling Bureau, in the Undergraduate Division in Chicago—declination effective 9-1-51.
- SMITH, J. B., Assistant in Naval Science—termination effective 9-1-51.
- STOUTENBURG, WILLIAM J., JR., Instructor in Architecture—declination effective 9-1-51.
- STURGIS, GUY K., Fellow in Sociology—resignation effective 9-16-51.
- THOMAS, W. F., Assistant Professor of Psychology, and Associate Director of the Student Counseling Bureau, in the Undergraduate Division in Chicago—resignation effective 8-31-51.
- WENDT, RICHARD E., Instructor in Electrical Engineering, in the College of Engineering—declination effective 9-1-51.

LEAVES OF ABSENCE

- BLAKESLEE, JANET SMITH, Associate Professor of Psychology and Director of the Nursery School—leave of absence, with full pay, for six months beginning September 1, 1951, on account of illness.
- JOHNSON, RALPH H., Associate Professor of Physical Education for Men and Counselor on the University Council on Teacher Education—leave of absence, without salary, December 1, 1951-September 1, 1952, so that he may accept an assignment from the Department of State as a physical education specialist in Thailand.
- NOREEN, ALFRED E., Instructor in Mechanical Engineering, in the College of Engineering—leave of absence, without salary, for one year beginning September 1, 1951, for military service.
- SEITZ, FREDERICK, Professor of Physics, in the College of Engineering—leave of absence, with full pay, September 11-October 10, 1951, so that he may attend a scientific conference in Brussels.
- STEPHENS, CARL, University Historian, in the University Press—leave of absence, with full pay, six months beginning September 1, 1951, on account of illness.
- ZEITLIN, HOWARD, Clinical Assistant Professor of Neurology, in the Department of Neurology and Neurological Surgery, in the College of Medicine, without salary—leave of absence, for one year beginning September 1, 1951.

DEGREES CONFERRED OCTOBER 15, 1951

Summary

Degrees in the Graduate College:

Doctor of Philosophy.....	68
Doctor of Education.....	4
Advanced Certificate in Education.....	1
Master of Education.....	3
Master of Arts.....	30
Master of Science.....	54
Master of Music.....	2
<i>Total, Graduate College.....</i>	<i>(162)</i>

Baccalaureate Degrees:

Bachelor of Science, College of Agriculture.....	1
Bachelor of Arts, College of Liberal Arts and Sciences.....	3
Bachelor of Science, College of Commerce and Business Administration.....	5
Bachelor of Science, School of Journalism and Communications.....	1
Bachelor of Science, College of Fine and Applied Arts.....	5
Bachelor of Science, Division of Special Services for War Veterans....	1
<i>Total, Baccalaureate Degrees.....</i>	<i>(16)</i>

Total, Degrees Conferred..... 178

GRADUATE COLLEGE

Degree of Doctory of Philosophy

In Animal Nutrition

WILLIAM KENNETH CALHOUN, B.S., 1947

WALTER ANTHONY GLISTA, B.S., University of Massachusetts, 1947; M.S., University of Connecticut, 1950

In Animal Science

DERWOOD McVEY BAIRD, B.S., M.S., University of Kentucky, 1947, 1948

In Bacteriology

LOUIS SOL BARON, B.S., College of the City of New York, 1947; M.S., 1948

MARVIN LEGATOR, B.S., M.S., 1947, 1948

NORMAN GILBERT ROTH, B.S., University of Chicago, 1947; M.S., 1949

ARTHUR MARVIN STERN, B.S., M.S., 1948, 1949

In Botany

JAMES DAVIS RAY, JR., B.S., M.S., Mississippi State College, 1939, 1947

In Chemical Engineering

ALBERT LESLIE BABB, B.A.Sc., University of British Columbia, 1948; M.S., 1949

ROGER EARL ECKERT, B.S.E., Princeton University, 1948; M.S., 1949

WALTER LEE ROBB, B.S., Pennsylvania State College, 1948; M.S., 1949

LU-HO TUNG, B.S., National Tsing Hwa University, 1948; M.S., 1950

In Chemistry

SIDNEY BALDWIN, A.B., Cornell University, 1945; M.S., University of Maryland, 1948

ANDREW JULIAN FRANK, B.S., M.S., 1948, 1949

JOSEPH ALLEN FULLER, JR., B.S., University of Wichita, 1948; M.S., 1949

DONALD PAUL HALLADA, B.S., University of Wisconsin, 1948; M.S., 1949

LUN HSIAO, B.Chem., National Tsing Huo University, 1939; M.S., 1948

MYER KRULFELD, B.S., Worcester Polytechnic Institute, 1946

JOHN RALPH KUEBLER, JR., B.S., University of Wisconsin, 1948; M.S., 1949

WALLACE HUTCHINSON McCURDY, JR., B.S., Pennsylvania State College, 1947; M.S., 1948

THOMAS GORE MILLER, A.B., Miami University, 1948; M.S., 1949

ROGER WILLIAM ROESKE, A.B., University of Wisconsin, 1948; M.S., 1949
PAUL ALBERT ZIMMERMAN, A.B., B.D., Concordia Seminary, 1941, 1944; A.M., 1947

In Clinical Psychology

ALLEN STUART PENMAN, B.S., M.S., 1947, 1948

In Dairy Science

GEORGE ERIC LAMMING, B.Sc., University of London, 1947; M.S., 1949

In Economics

HARVEY CHARLES BUNKE, B.S., M.S., 1947, 1949

MILTON TOBIAS EDELMAN, B.S., University of Chicago, 1946; M.B.A., University of Pennsylvania, 1947

ARCHIBALD STUART HALL, B.S., M.S., 1947, 1949

HERBERT EUGENE JOHNSON, B.Ed., M.S., Southern Illinois University, 1939, 1947; A.M., 1950

JAMES EDWARD MOYER, B.S., M.S., 1947, 1948

DONALD LEROY SHAWVER, B.S., Eastern Illinois State College, 1947; M.S., 1948

In Electrical Engineering

RAYMOND HORACE DUHAMEL, B.S., M.S., 1947, 1948

CHI-LUNG KANG, B.S., Chiao Tung University, 1945; M.S., 1948, 1949

ISRAEL ARNOLD LESK, B.Sc., University of Alberta, 1948; M.S., 1949

RABAH ABD-EL-RAHMAN SHAHBENDER, B.E.E., Fouad First University, 1946; M.S., Washington University, 1949

JAMES HENRY SMITH, E.E., M.S., University of Cincinnati, 1931

FU HSINE YANG, B.S., National Wu-han University, 1942; M.S., 1948

In English

ROBERT GILES BROOKS, B.Ed., Illinois State Normal University, 1939; A.M., 1942

GEORGE CARR CAMP, A.B., Ohio Wesleyan University, 1925; A.M., Ohio State University, 1929

JOSEPH HENRY DUGAS, B.S., A.M., 1939, 1947

LEONARD WALDEMAR HEGLAND, A.B., Concordia College, 1940; A.M., University of Chicago, 1947

In Entomology

ROBERT WILLARD ALRUTZ, B.S., University of Pittsburgh, 1943; M.S., 1947

SELWYN S. ROBACK, B.S., Cornell University, 1948; M.S., 1949

In French

ROBERT EMERSON OLIVER, B.Mus., Illinois Wesleyan University, 1938; M.Mus., A.M., 1947, 1947

In Library Science

ROLLAND ELWELL STEVENS, A.B., Washington University, 1939; B.S.(L.S.), A.M., 1940, 1943

In Mass Communications

SAMUEL WATSON DUNN, A.B., Harvard College, 1943; M.B.A., Harvard Graduate School of Business, 1946

In Mathematics

LELAND LATHAM SCOTT, B.S., Southern Illinois University, 1947; M.S., 1948

LAURIE JAMES SNELL, A.B., M.S., 1947, 1948

In Mechanical Engineering

SHEE-MANG YEN, B.S., Chiao-Tung University, 1944; M.S., 1948

In Physical Education

JAY ALLEN BENDER, B.S., Springfield College, 1939; A.M., University of Iowa, 1948

In Physics

JOSEPH CHARLES BOWE, A.B., St. Procopius College, 1943; M.S., DePaul University, 1946

HENRY JAMES BOWLDEN, A.B., McMaster University, 1946; A.M., 1947

CYRIL DEAN CURTIS, B.S., McKendree College, 1943; M.S., 1947

CHARLES ROBERT EMIGH, B.S., Colorado University, 1942; M.S., 1947

BENJAMIN SEGALL, B.S., Brooklyn College, 1948; M.S., 1949

In Plant Pathology

ROBERT PHILLIP KAHN, B.S., 1947

In Political Science

CLYDE FERGUSON, A.B., Oakland City College, 1920; A.M., Indiana University, 1925

ELSTON EDWARD ROADY, B.Ed., Illinois State Normal University, 1942; A.M., 1947

RALPH ARTHUR STRAETZ, A.B., University of Chicago, 1938; Ed.M., Boston University, 1942

In Psychology

JULIUS WILLIAM KLING, B.S., A.M., 1948, 1949

BERNARD H. LIGHT, B.S., A.M., 1947, 1948

GLEN FRANKLIN STICE, B.S., A.M., 1942, 1947

In Sociology

FLORENCE BEATTY BROWN, A.B., Fisk University, 1933; A.M., 1936, 1939

MAX KAPLAN, B.Ed., Milwaukee State Teachers College, 1933; M.Mus., University of Colorado, 1941; A.M., 1947

In Spanish

RALPH DALE MCWILLIAMS, A.B., Knox College, 1932; A.M., University of Chicago, 1941

In Speech

GEORGE WASHINGTON CARTWRIGHT, A.B., Butler University, 1942; A.M., 1948

ARTHUR STEPHEN HOUSE, B.S., College of the City of New York, 1942; A.M., University of Denver, 1948

In Theoretical and Applied Mechanics

IVAN MIROSLAV VIEST, C.E., Slovak Technical University, 1946; M.S., Georgia School of Technology, 1948

Degree of Doctor of Education

EARL FOREMAN, A.B., A.M., Bradley University, 1934, 1948; Ed.M., 1950

WARREN JUSTUS HUFFMAN, A.B., Bridgewater College, 1937; A.M., Ed.M., 1942, 1949

JEFF THOMAS KELLEY, A.B., Kentucky Wesleyan College, 1926; Ed.M., Duke University, 1939

CLARENCE CAYCE SCARBOROUGH, B.S., M.S., Alabama Polytechnic Institute, 1935, 1940; Ed.M., 1949

Professional Degrees*Advanced Certificate in Education*

LOY KIRK LANDERS, B.S., M.S., 1948, 1950

Degree of Master of Education

JAMES WALTER HENRY DAANEN, B.S., 1949

EDWIN JOHN O'LEARY, B.S., M.S., 1940, 1945

THOMAS GLADE WILCOX, B.Ed., Western Illinois State College, 1937; M.S., 1947

Degree of Master of Arts*In Chemistry*

BRUCE RITCHIE MCGARVEY, A.B., Carleton College, 1950

In Economics

DON EVERETT DICKEY, A.B., 1950

JAMES EDWIN HOWELL, A.B., Fresno State College, 1950

GEORGE SHINSAKU KUDO, A.B., Tokyo University, 1948

MAX GERHARD MUELLER, B.S., University of London, 1949

BENNETT EDWARD SICKLER, A.B., Wabash College, 1948

In Education

HELEN ELIZABETH CLARKE, B.S., University of Michigan, 1943

VERA CREAGER COULTAS, B.S., 1947

CHARLES JAMES MITCHELL, A.B., Aurora College, 1948

In English

ALBERT S. HARNSTROM, JR., B.S., 1948

In History

VIRGINIA LOUISE GLOVER, A.B., Lincoln University, 1942

WILLIAM GEORGE HINCKE, A.B., Carleton College, 1950

HUDSON ELLWOOD MESSERALL, A.B., 1949

ALICE ELIZABETH MILSTEAD, B.S., 1950

PAUL GENE RANDOLPH, A.B., 1950

In Labor and Industrial Relations

FORREST DAVID BROWN, JR., A.B., Bucknell University, 1950

In Philosophy

HOWARD DOUGLAS REEP, A.B., Cornell College, 1949

In Political Science

JOHN EDWARD BRIDGES, A.B., Southern University, 1950

WILLIAM CLARENCE MITCHELL, A.B., Michigan State College, 1950

In Psychology

KATHRYN PATRICIA CROSS, B.S., Illinois State Normal University, 1948

CHARLES OWEN HOPKINS, B.S., University of Kentucky, 1948

ADAM WILLIAM MILLER, JR., A.B., Anderson College, 1947

In Sociology

GEORGE LATTIMER GRIFFITH, A.B., Gettysburg College, 1948

VICTOR S. TIGERMAN, B.S., 1950

In Spanish

ALLYNE HIGGASON BAIRD, A.B., University of Kentucky, 1948

THOMAS ALLEN WILSON, A.B., 1950

In Speech

RUBY LEE DRAUGHON, A.B., Southwestern Louisiana Institute, 1949

RAYMOND D. GASPER, A.B., Geneva College, 1950

LUCILLE MARIE MAGNON, A.B., Southwestern Louisiana Institute, 1950

In the Teaching of Speech

WILLIAM MICHAEL WALSH, B.S., 1950

Degree of Master of Science*In Accountancy*

BOBBY RAY RAINES, B.S., University of Missouri, 1950
ANDERSON WILLIAMS, B.S., Southern University, 1950

In Agricultural Economics

DONALD JAMES RUNYON, A.B., DePauw University, 1950
WILLIAM CYRIL WAY, B.S., McGill University, 1937

In Animal Science

RICHARD HOLLANDBECK, B.S., Purdue University, 1950

In Botany

WILLIAM ALEXANDER BRUN, B.S., University of Miami, 1950
YOSHIO SHIGEMURA, B.S., 1950
WILLIAM LOUIS STERN, B.S., Rutgers University, 1950
SHIRLEY LANE WILSON, B.S., Michigan State College, 1950

In Chemical Engineering

ELMER LLOYD DOUGHERTY, JR., B.S., University of Kansas, 1950
OSCAR J. ELGERT, B.S., University of Washington, 1950
GEORGE RICHARD GILLESPIE, B.S., Pennsylvania State College, 1949
EDWARD DURAND HENZE, B.S., Northwestern University, 1950
NICHOLAS MACEDO, B.S., Massachusetts Institute of Technology, 1950; B.S., University of Allahabad, 1948
KENNETH WARK, JR., B.S., Purdue University, 1950

In Chemistry

DAVID WARREN MCCALL, B.S., University of Wichita, 1950
RITA KRESGE NICOLAIDES, A.B., University of Pennsylvania, 1949
HENRY ANTHONY ROLEWICZ, B.S., 1950

In Civil Engineering

ROLAND DEAN COLLINS, B.S., 1949

In Dairy Science

STUART ALLAN NARROD, B.S., 1948
MICHAEL PURKO, B.S., 1950

In Dairy Technology

JAMES ANTON BROTSOS, B.S., 1950

In Education

FLAVIUS EDWARD BENNETT, B.S., 1948
DONALD BEYER, B.S., 1944
WILLIAM FREDERICK BRADY, B.S., Illinois State Normal University, 1949
RUSSELL ELLWOOD KAUFFMANN, B.S., 1950
ANNIE MAE VAUGHN, B.S., Lincoln University, 1946

In Food Technology

GERALD DELAND GERNOON, JR., B.S., 1949

In Geology

ROBERT BURTON BROCKHOUSE, B.S., 1950
RAYMOND FRANCIS MCALLISTER, JR., B.S., Cornell University, 1950
JACQUELINE WOODMAN PATTERSON, A.B., Cornell College, 1948
JOHN WAYNE SHELTON, A.B., Baylor University, 1949

In Journalism

WILLIAM ANTHONY MINDAK, B.S., 1950
 CARLETON JAMES SMYTH, B.Litt., Columbia University, 1931
 PERCY HYMAN TANNENBAUM, B.S., McGill University, 1948

In Library Science

CATHERINE ANN HAWORTH, B.S., 1939
 KATHERINE ANN JENKINS, A.B., Ripon College, 1948

In Management

GEORGE WOLFE MAXEY, B.S., 1948
 KANAK PAUL, B.Com., Calcutta University, 1948

In Marketing

ROBERT CHARLES VERKLER, B.S., 1937

In Mechanical Engineering

RICHARD PALMER MOORE, B.E., University of Southern California, 1945

In Physical Education

EDMUND MICHAEL BERNAUER, B.S., Indiana University, 1950
 THEODORE BOCKMAN, JR., B.S., 1950
 GLENN EUGENE HARVISON, B.S., University of Maryland, 1950
 MELVIN ROY KLITZING, B.S., Illinois State Normal University, 1950
 ASBURY CUMMINGS MOORE, JR., B.S., University of Maryland, 1949
 DONALD HACKER SCHERWAT, B.S., 1949
 WILLIAM ALLEN SMILEY, JR., A.B., Grinnell College, 1950
 CHARLES WILLIS THOMAS, B.S., State Teachers College (Cortland, New York), 1950
 RICHARD FRED TOSKY, B.S., Northern Illinois State Teachers College, 1950
 CHARLES HENRY WHITE, B.S., North Carolina College for Negroes, 1949

In Physiology

PAUL OLIVER FROMM, B.S., 1949

In Zoology

ROBERT ELLIOT MAY, A.B., Syracuse University, 1950
 ARTHUR ADELBERT WAGNER, B.S., University of Michigan, 1950

Degree of Master of Music

CATHERINE LOUISE PETERSEN, A.B., Mills College, 1949
 MARGUERITE MORTON SHELTON, B.Mus., 1943

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Home Economics*

MARILYN ALICE MILLER

COLLEGE OF LIBERAL ARTS AND SCIENCES**Degree of Bachelor of Arts***In Liberal Arts and Sciences*

HOWARD BAKER
 DALE ELDON HANSCH

WALTER ELMORE STEWART

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Banking and Finance*

JOHN LEO MICHAELS

In Management

GEORGE REYNOLDS BRISTOL

THOMAS KENT SMITH

ROGER LEE ETNYRE

In Marketing

WILLIAM DAVID GROUNDWATER

SCHOOL OF JOURNALISM AND COMMUNICATIONS**Degree of Bachelor of Science***In Journalism*

DONALD LEE SMITH, with Honors

COLLEGE OF FINE AND APPLIED ARTS**Degree of Bachelor of Science***In Architecture*

ROBERT STANLEY KOTLARZ

In Music Education

DOLORES BETTY KOSTKA, with Honors

NANCY LILLIAN POTTER, with Honors

BARBARA JOAN LOWRY

RICHARD KENNETH WEERTS, with Honors

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS**Degree of Bachelor of Science**

HENRY LEWIS POSNER

NOVEMBER MEETING

On motion of Mrs. Watkins, seconded by Mr. Nickell, the Board voted to hold its next meeting on Friday, November 23, 1951, beginning at 3:00 p.m., in the LaSalle Hotel, Chicago, Illinois.

On motion of Mr. Grange, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

November 23, 1951



The November meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Friday, November 23, 1951, beginning at 3:00 p.m.

The following members of the Board were present: President Livingston, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Megran, Mr. Nickell, and Mrs. Watkins.

Also present were President George D. Stoddard, Provost Coleman R. Griffith, Vice-President A. C. Ivy, Mr. Ralph F. Lesemann, Legal Counsel, Mr. J. F. Wright, Director of Public Information, Mr. R. B. Hudson, Director of University Broadcasting, Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of July 25 and September 19, 1951, press proof copies of which had been sent to all members of the Board in advance of this meeting.

On motion of Mr. Johnston, these minutes were approved as printed on pages 833 to 1252, inclusive.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee of the Board of Trustees submits a report of its transactions at a meeting on November 2, 1951.

On call of the Chairman, a meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at 12:00 noon, on Friday, November 2, 1951, at the Electric Club of Chicago, 20 North Wacker Drive, Chicago.

Mr. Park Livingston, Chairman, and Mr. H. B. Megran, member of the Executive Committee, were present; also Messrs. C. S. Havens, Director of the Physical Plant, and Mr. Lloyd Morey, Comptroller, who acted as Clerk.

The Comptroller presented the following recommendations for President Stoddard:

Expansion of Men's Residence Halls Facilities

On October 23, 1951, the Board of Trustees approved a program for the expansion of residence halls facilities on the Urbana campus, and authorized the Executive Committee to award contracts for Phase II of the project to lowest bidders at figures negotiated through acceptance of alternates to reduce construction costs, subject to a favorable report on financing.

The total cost of the project has been reduced from \$2,312,600 to \$2,042,000. The reduction has been accomplished by the acceptance of alternates in construction, charging of interest on the loan during construction to the earnings of Busey and Evans and Men's residence halls in operation during this period, and charging some equipment needed in the program to accumulated earnings of the residence halls.

The Board of Trustees has previously appropriated \$292,000 for this project. The remaining amount necessary, \$1,750,000, must be borrowed by the issuance of bonds. Such bonds can not be sold, however, until late in January for delivery on March 1, 1952, since the date of delivery must coincide with the date on which the present bonds outstanding on the Men's Residence Hall can be refunded. The Comptroller has explored the bond market and reports that the bonds are marketable now on a satisfactory basis and that there is every reason to believe that they will be marketable in January, 1952, unless there is a major change in the market.

The Director of the Physical Plant and the Comptroller recommend that contracts be awarded to the following contractors in the various divisions for Phase II. Each contractor recommended is the lowest bidder in his division and the contract is for the negotiated amount after allowances for acceptance of alternates. It is recommended that the contracts be awarded subject to (a) receipt of authority to proceed with construction, (b) receipt of authority from the Voluntary Credit Restraint Committee to issue bonds, and (c) provision in every instance possible in the contracts that, in the event the sale of bonds is not feasible, the construction may be stopped and the University's liability will be restricted to reimbursement of contractor's expenditures and commitments.

General work—John Felmley Company, Champaign.....	\$575 875
Heating, ventilating, plumbing, drainage, and fire protection—E. M. Hays Plumbing and Heating Company, Champaign.....	177 108
Electrical work—Brunkow Electric Company, Champaign (including \$2,150 for electrical work in present building not covered by original bid).....	53 015
Elevator work—Gallaher & Speck, Chicago.....	6 300
Dumbwaiter installation—Elevator Manufacturing Company, Chicago..	7 252
Refrigeration work—R. H. Bishop & Company, Champaign.....	7 996
Food service equipment—Stearnes Company, Chicago.....	115 999

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the contracts as recommended.

On motion of Mr. Megran, this program was approved and the contracts awarded as recommended.

The question of architectural services on this project, which the Board on October 23 referred to the Comptroller for further investigation and report, was left open for later consideration.

Purchases

The Director of Purchases has proposed and the Comptroller recommends the following purchases on the basis of the lowest bids.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Seven four-door sedans, seven two-door sedans, one business coupe; to replace fifteen vehicles which have been used at least three years or have been driven at least 45,000 miles, in accordance with the standard policy of replacement	College of Agriculture	Tom Purvis, Inc., Mattoon (Ford) (five four-door sedans, three two-door sedans, one business coupe)	\$3 656 90
		Whowell Motor Co., Paxton (Ford) (one four-door sedan, four two-door sedans)	1 652 85
		Dana Hudelson, Inc., Champaign (Ford) (one four-door sedan)	417 00
		Total	\$5 726 75

On motion of Mr. Megran, this recommendation was approved.

After the meeting adjourned, Mrs. Frances B. Watkins, the other member of the Executive Committee, was advised of the actions taken and she concurred in them.

LLOYD MOREY
Clerk

PARK LIVINGSTON
Chairman

REPORT OF THE FINANCE COMMITTEE

The Finance Committee reports the following transactions involving securities:

<i>Purchases:</i>	<i>Permanent Endowment Group Investments</i>	
	\$20,000 Commercial Credit Company, 3¼ per cent bonds due June 15, 1961 @ 102½.....	\$20 500 00
	\$10,000 Georgia Power Company, first mortgage bonds 3½ per cent due June 1, 1981 @ 100½.....	10 050 00
	65 shares Industrial Rayon Corporation, common stock @ 69½....	4 537 42
	\$6,000 American Telephone and Telegraph Company, 3¾ per cent 25-year debentures due December 1, 1973 @ 103¾.....	6 225 00
<i>Sales:</i>		
	200 shares Northern Indiana Public Service Company, common stock @ 23.....	4 588 00

<i>Purchases:</i>	<i>Permanent Endowment Special Investments</i>	
	\$8,000 Georgia Power Company, 3½ per cent first mortgage bonds due June 1, 1981 @ 103¾.....	8 310 00

<i>Purchases:</i>	<i>Temporary Endowment Group Investments</i>	
	\$20,000 Illinois Central Railroad Company, 4¾ per cent bonds due August 1, 1966 @ 101.....	20 200 00
	\$2,000 P. Lorillard Company, 3 per cent debentures due October 1, 1963 @ 101¾.....	2 037 50
	\$2,000 Commercial Credit Company, 3¼ per cent bonds due June 15, 1961 @ 102½.....	2 042 50
	\$5,000 U.S.A. 2¼ per cent Treasury bond due December 15, 1962/59 @ 98-8/32.....	4 912 50
	\$1,000 U.S.A. 1⅞ per cent Series B certificates of indebtedness due July 1, 1952 @ 100-4/32.....	1 001 25
	\$1,000 U.S.A. 1½ per cent Treasury note due April 1, 1956 @ 98-20/32.....	986 25
	\$500 U.S.A. 2¼ per cent Treasury bond due December 15, 1962/59 @ 98-8/32.....	491 25

<i>Exchanges:</i>	<i>Student Loan Investments</i>	
	\$30,000 U.S.A. 1¼ per cent Series C Treasury notes due July 1, 1951, for \$30,000 U.S.A. 1⅞ per cent certificates of indebtedness Series A due April 1, 1952.	
	\$10,000 U.S.A. 1¼ per cent Series D Treasury note due July 1, 1951, for \$10,000 U.S.A. 1⅞ per cent certificates of indebtedness Series A due April 1, 1952.	

Exchange: *Current Restricted Funds Investments*

\$20,000 U.S.A. $1\frac{1}{4}$ per cent Treasury notes Series D due July 1, 1951, for
 \$20,000 U.S.A. $1\frac{7}{8}$ per cent certificates of indebtedness Series A due
 April 1, 1952.

This report was received for record.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following recommendations and reports from the President of the University.

APPOINTMENTS TO THE FACULTY

(1) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. VEN-TE CHOW, Research Assistant Professor of Civil Engineering, Engineering Experiment Station, beginning November 1, 1951, without salary (BY).

2. LADISLAS GOLDSTEIN, Research Professor of Electrical Engineering, Engineering Experiment Station, beginning October 15, 1951, at an annual salary of \$9,000 (A).

3. MRS. MARION W. McLAUGHLIN, Assistant Professor of Home Economics, beginning September 1, 1951, at an annual salary of \$4,400 (D).

4. DON ELMER MURRAY, Clinical Assistant Professor of Surgery, beginning November 1, 1951, without salary (DY).

5. SYLVAN ROBERTSON, Clinical Assistant Professor of Medicine, beginning November 1, 1951, without salary (GY).

6. EDWARD E. SMISSMAN, Assistant Professor of Chemistry, College of Pharmacy, beginning January 1, 1952, at an annual salary of \$5,000 (B).

On motion of Mr. Nickell, these appointments were confirmed.

APPOINTMENT OF HEAD OF THE DEPARTMENT OF ASTRONOMY

(2) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. George C. McVittie of the University of London as Professor of Astronomy and Head of the Department of Astronomy in the College of Liberal Arts and Sciences, on indefinite tenure beginning September 1, 1952, at an annual salary of \$10,000 a year (AY basis).

This appointment is to replace Dr. Robert H. Baker who has retired from the University faculty.

I concur.

On motion of Mrs. Watkins, this appointment was approved.

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(3) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
PAUL GERALD DIAMOND	Chicago, Illinois	District of Columbia
LAURENCE ROBERT DUBOIS	Chicago, Illinois	District of Columbia
NORMAN CHARLES ECKSTEIN	Los Angeles, California	California
DONALD MAX GAMET	Mission, Kansas	Missouri
HARRY KAHAN	Los Angeles, California	California
CARY BLACKBURN LEWIS, JR.	Chicago, Illinois	Kentucky
STANLEY WALTER MIZE	Chicago, Illinois	District of Columbia
LAWRENCE BERNARD MULLINX	St. Louis, Missouri	Missouri
DAVID CLIFFORD UNDERWOOD	Mt. Vernon, Illinois	California

I concur.

On motion of Mr. Herrick, these certificates were awarded.

HEARING COMMITTEE ON DISCHARGE OF ROBERT TAYLOR

(4) The Director of Nonacademic Personnel has submitted written charges for the discharge, effective November 1, 1951, of Robert Taylor, kitchen laborer in the Housing Division in Urbana-Champaign. Mr. Taylor was served with notice mailed on October 26, 1951. He has requested a formal hearing of these charges and is entitled to the same under the Civil Service Law and regulations. It is recommended that the Board of Trustees appoint a committee of the faculty to hear the charges and to make a recommendation to the Board.

On motion of Mrs. Holt, Messrs. John E. Cribbet, Associate Professor of Law, Horace M. Gray, Professor of Economics, and George W. Harper, Associate Professor of Mechanical Engineering and of Safety Education, were appointed as a hearing committee with Professor Cribbet as Chairman. This action was taken by the following vote: Aye, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Fornof, Mr. Stevenson.

REGULATIONS FOR THE ADMINISTRATION OF AN ACT TO REGULATE THE PRACTICE OF PUBLIC ACCOUNTING

(5) Since 1903, the University has been entrusted by state law with the responsibility of examining qualified applicants for certification as Certified Public Accountant and of issuing certificates to the successful candidates. In 1943, the General Assembly of Illinois enacted a law superseding the original Accountancy Act of 1903 and the Public Accounting Act of 1927 and providing for the issuance of certificates to three categories of candidates:

1. Applicants who meet certain educational requirements specified by law, and who have passed the standard examination in accounting theory and practice, auditing, commercial law, and in such other related subjects, if any, as the University may deem advisable. The examination shall take place as often as the University deems necessary but at least once a year.

The law specifies that for this examination the University shall appoint a Board of three examiners, two of them certified public accountants and the third an attorney skilled in commercial law. These examiners are appointed for three years, the terms being so staggered that one examiner is appointed annually.

2. Applicants who have held for at least five years certificates of registration as public accountants in Illinois issued by the Department of Registration and Education under the Public Accounting Act of 1927, who have been engaged in public accounting for at least five years, and who successfully pass a written or oral examination given by a special board of five examiners appointed by the University with the approval of the Department of Registration and Education. As specified in the law, this Board was appointed by the University with the approval of the Department of Registration and Education and includes two who were registered public accountants in Illinois when the Act of 1943 was passed, two who were registered public accountants and also certified public accountants at the date of passage of the Act, and one who received, or was entitled to receive, a certificate as certified public accountant without a second examination under a provision of the law permitting such certification of applicants who hold certificates of registration as public accountants earned by previously passing a written examination given by the Department of Registration and Education provided they exercised this option by qualifying within one year following the approval of the Act of 1943. This is Section 4 (b).

3. Applicants who hold certificates as certified public accountant issued under the laws of any other state or territory of the United States or District of Columbia provided that: (a) such certificate was issued on the basis of written examination; (b) the educational qualifications of the applicant are equivalent to the educational requirements of applicants for the Illinois certified public accountant examination; and (c) the applicant is a citizen of the United States or has declared his intention of becoming one and is of good moral character. Certificates may be issued to such applicants without examination.

On January 10, 1948, proceedings were instituted in the Circuit Court of Cook County challenging the constitutionality of Section 4 (b) of the Act of 1943 under which certificates were being issued to applicants in the second category described above. The gist of the complaint was the charge that the special board of five examiners was not directed by the statute to conduct examinations in accounting theory and practice, auditing, and commercial law with sufficient definiteness as to satisfy constitutional requirements of specific standards for examination. On March 21, 1951, the Circuit Court declared Section 4 (b) unconstitutional but sustained as constitutional all other sections of the law which had been attacked by the complainants. The plaintiffs appealed and this appeal is now pending in the Supreme Court of Illinois.

In the meantime, at the request of the Illinois Society of Certified Public Accountants and of the Public Accountants Association of Illinois, the Sixty-seventh General Assembly of Illinois enacted corrective legislation amending Section 4 (b) of the Act of 1943. The law now authorizes the University to issue new Certified Public Accountant certificates to all qualified applicants, including holders of certificates obtained under the unconstitutional section, upon proof satisfactory to the University that such applicants have passed an examination in accounting theory and practice, auditing, and commercial law given by a special Board of Examiners under the supervision of the University of Illinois. It is the opinion of counsel for the two professional organizations, the Attorney General of Illinois, and Professor William E. Britton, former Legal Counsel of the University of Illinois (who has been representing the University in this matter), that the amendment corrects the constitutional defects in Section 4 (b). Motion to dismiss the appeal from the Circuit Court of Cook County is now pending in the Supreme Court of Illinois.

The amendment of the Accountancy Act makes it necessary to revise the rules and regulations adopted by the Board of Trustees for admission of candidates to Certified Public Accountant examinations. Several new rules are required to carry out the statutory direction as well as changes in existing rules. Accordingly, the University Committee on Accountancy recommends adoption of the following set of rules and regulations and repeal of all existing rules and regulations heretofore adopted by the Board of Trustees. The content and form of the revised and new rules have been the subject of careful study by all parties. Representatives of both professional organizations, the Attorney General of Illinois, the Director of Registration and Education, and the Committee on Accountancy have all agreed on the rules as here proposed for the consideration of the Board of Trustees. The proposed rules recite "a determination" by the Board of Trustees and by the Director of Registration and Education that the special board of five examiners which heretofore has conducted examinations under Section 4 (b) is the special board of five examiners referred to in the 1951 amendment to the Accountancy Act of 1943. This recital has been approved by the Director of Registration and Education in a conference with the Committee on Accountancy of the University.

The 1951 amendment also made necessary changes in the language of C.P.A. certificates to be issued to the 133 holders of certificates heretofore issued under Section 4 (b) and to those candidates who subsequently pass examinations under the amended Section 4 (b). Copies of these revised forms are appended to the proposed rules and regulations. The language of the certificates has been approved by all parties concerned.

I recommend adoption of the revised rules, approval of the new certificates, and the repeal of all existing rules relating to these matters.

REGULATIONS ADOPTED BY THE BOARD OF TRUSTEES OF THE UNIVERSITY FOR ADMINISTERING THE ACCOUNTANCY ACT

The University Committee on Accountancy

1. The administrative functions of the University of Illinois under the Accountancy Act of 1943 as amended shall be performed by a Committee on Accountancy responsible to the President of the University. The Committee shall consist of the Director of Admissions and Records and two other members of the University staff, to be appointed by the President.

2. This Committee shall receive all applications for examinations under the Act, shall examine all evidence submitted by such applicants in support of their applications, and shall issue to approved applicants cards of admission to the examinations; and no candidate shall be examined who does not present to the appropriate Board of Examiners, at the time and place of examination as advertised, such card of admission, signed by the Director of Admissions and Records.
3. This Committee shall designate the times and places of all examinations under the Act, shall advertise the same according to the provisions of the law, and shall supervise the conduct of such examinations.
4. This Committee shall receive from the respective Boards of Examiners, hereinafter referred to, the questions to be used at all examinations and shall arrange for an adequate supply of these examination questions to be delivered to the examining Boards in time for use at the examinations as advertised.
5. The Committee shall receive the reports of the grades of all candidates who have taken the examinations under this Act from the respective Boards of Examiners and shall certify to the President the names of the candidates who attain passing grades and who satisfy the other qualifications prescribed by the Act.
6. This Committee shall receive all applications for the C.P.A. certificate filed under Sections 4a-1, 4a-2, or 5 of the Act, shall examine all evidence submitted by such applicants in support of their applications, and shall certify to the President those applicants who comply with the provisions of those Sections.
7. This Committee shall receive all applications under Section 4 (b) of the Act based on examinations given prior to July 1, 1951, shall examine all evidence submitted by such applicants in support of their applications, shall require the Special Board of Five Examiners (hereinafter referred to) to submit to this Committee such documents and other evidence with respect to such applicants, and with respect to the scope, content, conduct, and results of such examinations, as may be in the possession or control of the Special Board of Examiners. The Committee shall examine all such evidence and shall certify to the President the names of all applicants who are found by the Committee to have fulfilled the qualifications required of such applicants by Section 4 (b) of the Act.
8. This Committee shall receive and certify all statements of expenses and fees of the Boards of Examiners.

The Board of Examiners

Established under Section 2 of the Act

9. The Board of Examiners for the examination of candidates for the certificate of Certified Public Accountant under Section 2 of the Act shall consist of three members.
10. The members of this Board of Examiners, having the qualifications as specified in Section 2 of the Act, shall be nominated by the President of the University and approved by the Board of Trustees and vacancies shall be filled in like manner.
11. The term of office of examiners under Section 2 of the Act shall be three years.
12. Each member of the Board of Examiners appointed under Section 2 of the Act, who conducts examinations, shall send to the University Committee a statement of the time so spent, with a statement of his necessary traveling expenses. Each member of the Board shall be entitled to compensation at the rate of \$25.00 per day for such services.

Special Board of Five Examiners

For Examinations under Section 4, paragraph (b) of the Act

13. The Special Board of Five Examiners heretofore appointed by the University of Illinois with the approval of the Department of Registration and Education of the state of Illinois is hereby determined to be a special board whose

examinations given prior to July 31, 1951, in accounting theory and practice, auditing, and commercial law may be considered and examined by the University Committee in determining the qualifications of applicants who apply for certificates under Section 4 (b) on the basis of examinations given prior to said date.

14. The said Special Board as now constituted is hereby recognized as and determined to be the Special Board for examination of candidates who apply after July 31, 1951, for the certificate of Certified Public Accountant under Section 4 (b) of the Act. Vacancies on the Board shall be filled by the Board of Trustees on recommendation of the President with the approval of the Department of Registration and Education from persons having the qualifications stated in Section 4 (b) of the Act.

15. The term of office of the members of the Special Board shall continue so long as Section 4, paragraph b, of the Act is operative.

16. Each member of the Special Board appointed under Section 4 (b) of the Act who conducts examinations shall send to the University Committee a statement of the time so spent, with a statement of his necessary traveling expenses. Each member of said Special Board shall be entitled to compensation at the rate of \$25.00 per day for such services.

Applications and Fees

17. Applicants for the C.P.A. certificate under the Act shall file their applications with the Committee on Accountancy at Urbana, Illinois, together with the necessary proofs to establish their eligibility. The proper fee must accompany the application. A fee of \$25.00 is prescribed for each examination or re-examination except as indicated under Rule 31.

(A table indicating the form of application to be used, the fee, and the proofs that are required for applicants who apply under various sections of the Act will be included in a circular to be published for the information of applicants.)

18. All applications under Section 4 (b) shall remain valid and in force for one year after the filing thereof within which period of time a candidate may present himself for examination or re-examination at any examination given by the Special Board within such period of time.

19. Twenty dollars of the prescribed fee may be returned to applicants who have been admitted to the examination either under Section 2 or Section 4 (b) of the Act, and who notify the University Committee before the examinations that they will not be present thereat, and are not present.

20. The fee shall not be returned to an applicant who has been admitted to and presents himself at the examinations either under Section 2 or Section 4 (b) of the Act, and withdraws after the opening of the examination.

21. Twenty dollars of the prescribed fee may be returned to applicants whose credentials have been presented and examined but who are found not qualified under the Act to take the examination.

(The following instructions will be included in a circular to be published for the information of applicants: Applications for the certificate of Certified Public Accountant and the necessary forms on which to submit proof of qualifications will be sent on request. The applicant is asked to identify by paragraph number the section of the law under which he wishes to apply for the certificate. The summary given will assist the applicant to identify the section under which he should apply.)

Preliminary Education Requirement

22. Section 3 of the Act specifies the preliminary education required of candidates seeking the certificate under Section 2. The Committee will accept as evidence of such education:

The High School Requirement

(a) A certificate of graduation from a four-year accredited high school in Illinois, or a certificate of graduation from a four-year high school in another state whose graduates are admitted to the University of Illinois by certificate.

- (b) Credentials from principals or superintendents of four-year accredited high schools or accredited secondary schools showing the completion of fifteen units of high school work.
- (c) A certificate of admission without condition to any college that is accredited by the University or by one of the regional accrediting agencies.
- (d) A certificate of graduation from any state normal school in the United States.
- (e) A certificate showing that the applicant has passed examinations on the subject matter of a four-year high-school course under the supervision and direction of educational bodies whose certificate would be accepted for admission to the University of Illinois.
- (f) The passing of examinations set for admission to the accountancy examination by the University.

The Study of Accounting and Related Subjects

- (a) Official credentials indicating the successful completion of the required number of semester hours of residence or correspondence study in the specified subjects in institutions acceptable to the University. Credentials of schools which specialize in business training are acceptable provided satisfactory proof is presented that at least fifty per cent of their courses in accounting are taught by certified public accountants.
 - (b) Passing examinations in college subjects offered by the University.
23. The Director of Admissions and Records of the University is authorized to conduct four sets of examinations in high-school and college subjects per year in Chicago (in March, June, August, and December) to which applicants for the C.P.A. examination may be admitted upon the payment of a fee of \$4.00 for each examination giving one unit¹ of high school credit and \$4.00 for each college subject.
24. A candidate seeking to meet the preliminary education requirement in part or in whole by these examinations should first submit to the Secretary of the University Committee official credentials covering his formal education above the eighth grade. These will be evaluated and a program of examinations necessary to complete the preliminary education requirements will be outlined for him. The Committee can not accept as satisfactory evidence of educational attainments statements from private tutors or certificates of examinations conducted by private individuals or by school officials acting in a private capacity. Neither is the Committee authorized to accept business experience or life experience of any kind in lieu of the educational requirements specified in the Act.

Examinations

25. Examinations as prescribed in the Act shall be held by the respective Boards of Examiners at the times and places determined by the University Committee.
- The time and place of holding examinations shall be advertised, for not less than three consecutive days in one daily paper published in each of the places where the examinations are to be held, not less than thirty days prior to the date of each examination.
26. Examinations shall take place as often as may be deemed necessary by the University Committee, but not less frequently than once each year.
27. The examination shall be in the subjects prescribed in the Act.
28. The time allotted to the examination in each subject shall be determined by the University Committee, on the advice of the appropriate Board of Examiners, and shall be printed on the examination questions.
29. The University Committee will supply paper for the examinations.
30. The examination papers shall be graded on the scale of 100. The passing grade in each subject is 75. Grades shall be certified by the respective Boards of Examiners to the University Committee. The list of successful candidates shall be certified to the President of the University by the University Committee.

¹ By the word "unit" is meant the amount of ground ordinarily covered in any single subject in one year of work in a standard high school.

31. A candidate under Section 2 of the Act who passes in Theory of Accounts and Practical Accounting¹ and fails in one or both of the other examination subjects (Auditing and Law), with a grade not lower than 60 in the subject or subjects failed, or a candidate who passes in Auditing and Law and fails in Theory of Accounts and Practical Accounting,¹ with a grade not lower than 60, shall be credited with the subject or subjects in which he has received passing grades and may upon application and payment of the required examination fees (see note below) present himself for re-examination in the subject or subjects in which he failed at any three of the six semi-annual examinations next succeeding the examination at which he qualified for such partial re-examination. Whenever a candidate presents himself for re-examination he must write on all subjects in which he then has failing grades.

If on re-examinations, the candidate passes in the subjects in which he has failed, he shall be eligible for the C.P.A. certificate; if he fails to do so, he shall revert to the status of a new applicant who is required to write the entire examination.

The time limitation within which a candidate is required to pass subjects under this rule shall not include any period during which the applicant serves in the armed forces of the United States.

Fee for each examination written under Rule 31 are as follows:

For candidates writing Theory of Accounts and Practical Accounting.....	\$20 00
For candidates writing Auditing or Commercial Law or a combination of Auditing and Commercial Law.....	\$15 00

32. A candidate under Section 2 of the Act whose grades are such that he is required to write in all subjects may not present himself for re-examination until at least one examination shall have intervened following his last examination or re-examination, and then only upon presentation of satisfactory evidence that he has made further preparation in the interim. A fee of \$25.00 shall be paid for such re-examination.

Awarding of C.P.A. Certificates

33. Each candidate who satisfies all the requirements and is duly certified as above required, shall receive a certificate designating him as a Certified Public Accountant (C.P.A.). This certificate shall be issued in the name of the University, and shall be signed by the President of the University, the Secretary of the Board of Trustees, and members of the appropriate Board of Examiners when required.

Records

34. The Director of Admissions and Records shall keep the records of all successful candidates for the certificate. These records shall set forth the time and place of the examination at which each candidate met the requirements for the certificate, the grades obtained on the examination, the number of the certificate issued, and the date of its issue.

35. The fees from applicants shall be deposited with the Comptroller of the University, who shall keep a separate account of all receipts and expenditures under the law.

36. The University Committee shall keep examination papers of candidates on file for a period of three years.

Revocation and Restoration of the Certificate of Certified Public Accountant

37. The University, on receipt of notice from the Department of Registration and Education of the cancellation of the Public Accountant registration of a person, shall revoke, without further proceedings, the C.P.A. certificate of said person as prescribed in Section 22 of the Act.

38. On receipt of notice from the Department of Registration and Education that the registration of a Public Accountant has been restored the University may,

¹ The examination in Theory of Accounts and the two sessions of the examination in Practical Accounting are considered as one subject in administering this rule.

without examination, restore the certificate of Certified Public Accountant of any person whose certificate had been revoked.

Forms of Certificate

By Authority of The Board of Trustees of the
UNIVERSITY OF ILLINOIS

(Here will be inserted name of Registrant)

having passed an examination given on _____
and having otherwise satisfied the requirements of Section 4, paragraph (b),
of an Act to Regulate the Practice of Public Accounting in the State of
Illinois approved July 22, 1943, as amended to the date hereof, is registered
by the University as a Certified Public Accountant.

In Witness Whereof this certificate is issued this _____ day of
_____, 19____, a certificate bearing the same
number as this certificate and dated _____
having been heretofore issued by the University of Illinois to the same
person.

Certificate No. _____

(Seal)
(of)
(University)

President of the University

Secretary of the Board of Trustees

By Authority of The Board of Trustees of the
UNIVERSITY OF ILLINOIS

(Here will be inserted name of Registrant)

having passed an examination given on _____
and having otherwise satisfied the requirements of Section 4, paragraph (b),
of an Act to Regulate the Practice of Public Accounting in the State of
Illinois approved July 22, 1943, as amended to the date hereof, is registered
by the University as a Certified Public Accountant.

In Witness Whereof this certificate is issued this _____ day of
_____, 19____.

Certificate No. _____

(Seal)
(of)
(University)

President of the University

SPECIAL BOARD OF EXAMINERS

Secretary of the Board of Trustees

On motion of Mr. Nickell, these new regulations for the administration of an Act to regulate the practice of public accounting were adopted, the forms of the new certificates were authorized, and all previous regulations were repealed. This action was taken by the following vote: Aye, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Fornof, Mr. Stevenson.

PATENTABLE DISCOVERIES

(6) Before he came to the University of Illinois, and while he was employed at the Bell Telephone Laboratories, Professor Arnold Nordsieck of the Department of Physics invented a new type of integrating mechanism which can be used in constructing mechanical analog computers. He had constructed such a computer incorporating in it this integrating mechanism and other improvements over earlier machines, including portability, operation by synchro motors, freedom from torque simplification, and simplicity of electrical connections at a plug board. The principal novelty in the calculator built by Professor Nordsieck is the integrating mechanism which he designed and which has already been released to him by the Bell Laboratories. It is doubtful that the University would have any significant claims with respect to developments in this mechanism at the University of Illinois. However, Professor Nordsieck wants to be fully cleared and, therefore, has requested release by the University of any rights which it might conceivably claim, regardless of how insignificant they may be. It should be noted that developments now being made in connection with computing machines involve electronic mechanisms instead of mechanical analog devices, so that it is unlikely that Professor Nordsieck's invention will be highly remunerative.

The University Patent Committee and the Chairman of the University Research Board recommend the release to Professor Nordsieck of any implied rights which the University might claim.

I concur.

On motion of Mr. Grange, this recommendation was approved.

AFFILIATION WITH MORRISON HOME FOR THE AGED AND THE CHRONIC ILLNESS HOSPITAL

(7) The Board of Trustees has approved, in principle, a proposal for an affiliation with the Morrison Home for the Aged and the Home for the Incurables whereby the University would have facilities for education and research in medicine in a new Home for the Aged in the Medical Center District in return for certain professional services to be rendered by the University. The formal agreement is subject to approval by the Board of Trustees.

Representatives of the Home for the Incurables have informed the Vice-President in charge of the Chicago Professional Colleges that this institution can not participate in the program now because Congress did not appropriate funds to aid in the construction of hospital facilities for the chronically ill, but that they would like to affiliate later. The Trustees of the Morrison Home for the Aged desire to go forward without delay with the plan of affiliation.

Accordingly, the Vice-President recommends that the plan heretofore authorized by the Board of Trustees be modified to provide for an affiliation with the Morrison Home for the Aged only but leaving a way open for participation of the Home for Incurables later. A tentative draft of this plan of affiliation, as revised, is submitted herewith. The formal agreement will also be submitted to the Board for final approval.

I concur.

On motion of Mr. Grange, this change was authorized.

APPROPRIATIONS FROM AGRICULTURAL INCOME FOR THE COLLEGE OF AGRICULTURE

(8) The Dean of the College of Agriculture and the Comptroller recommend appropriations from accumulated agricultural income as follows:

Dairy Science

1. Remodeling bull barn at South Lincoln Avenue barns,
estimated cost \$ 3 900
2. Repair of shed on McCullough farm for storage of farm machinery, estimated cost..... 2 050
3. Construction of a garage for the farm foreman at the Round Barn area, estimated cost..... 1 150
4. Concrete walks from experimental silos to barn, estimated cost..... 400
5. Contingency appropriation for this program..... 2 500
- Subtotal, Department of Dairy Science..... (10 000)*

Horticulture

1. Purchase of truck..... 1 300
- Total.....\$11 300*

I concur

On motion of Mr. Johnston, these appropriations were made by the following vote: Aye, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Fornof, Mr. Stevenson.

ARCHITECTURAL SERVICES ON STUDENT RESIDENCE HALLS

(9) In authorizing changes in the program for the expansion of residence hall facilities at Urbana-Champaign (Phase II), necessitated by an increase in the size of the project made by the architects and by an increase in construction costs, the Board of Trustees requested the Comptroller "to negotiate with the architects to eliminate extra costs and charges for additional architectural services required as a result of the changes made by them in departing from the original basic plan without the approval of University officials."

The Comptroller and the Director of the Physical Plant have gone into this matter in detail with Mr. N. A. Owings of the firm of Skidmore, Owings, and Merrill, architects for this project. The Comptroller reports that while the preliminary estimate on which the financing program was based should not have been considered complete or final, it is evident that the architects were unduly optimistic on some phases of the estimate. In the development of detailed plans and specifications there was a major change in the over-all size of the project which was necessary to comply with standards established by the University. There was lack of complete co-ordination between the architects and the University's Physical Plant Department with respect to the effect of these changes on the final cost.

It should be noted that the changes made by the architects will increase the housing capacity to accommodate twenty additional men in the present halls and ten additional men in the new unit. After allowing for this advantage to the University and allowing for the increase in construction costs and finally allowing for items eliminated in the final awards of contracts, it appears that the increase in the cost of the project directly attributable to changes in over-all plans is approximately \$100,000. The standard fee of the architects on this amount would be \$6,000. In the opinion of the Director of the Physical Plant and the Comptroller, the University shares some of the responsibility for this change, and a fair share of the responsibility on the part of the architects would be 60 per cent, or \$3,600. Skidmore, Owings, and Merrill are willing to accept such an adjustment. The Director of the Physical Plant and the Comptroller recommend payments to the architects for additional services on this basis.

I concur.

On motion of Mr. Megran, this recommendation was approved.

IMPROVEMENT OF SOUTH RACE STREET, URBANA

(10) On petition of property owners on South Race Street south of Florida Avenue, Urbana, the Board of Local Improvements of Urbana has approved a project of paving, lighting, and sidewalks from the corner of Race and Florida 1,301.5 feet south. The University owns the entire property on the west side of the street and ninety feet on the east side, a total of 1,391.5 feet. Since the University

already has a sidewalk to the extent needed for its property and is not interested in lighting on its side of the street, the project has been adjusted to eliminate these items. On this basis the University is asked to assume and pay a maximum sum of \$22,336.32 toward a total estimated cost of \$54,063 for the project.

The proposed project has been studied by the Director of the Physical Plant and the Comptroller, who have reached the conclusion that the improvement would benefit the University and that the proportion of cost which the University is requested to pay is fair and reasonable for the benefits derived.

The improvement fronts on one side of the Small Homes Council Housing Research Area.

Funds are available in the state capital appropriation for minor improvements for 1951-1953, subject to release by the Governor.

I recommend that the Board express its concurrence in the project and approve an allotment of the amount required from the state appropriation.

On motion of Mrs. Watkins, the Board concurred in this project and authorized an allotment of \$22,336.32 to pay the University's share of the costs, as recommended, by the following vote: Aye, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Fornof, Mr. Stevenson.

SITE FOR PROPOSED LIFE SCIENCES BUILDING AND IMPROVEMENT OF GOODWIN AVENUE AND CLOSING OF PART OF ILLINOIS STREET

(11) One of the buildings of highest priority in the building program of the University is a new Life Sciences Building in Urbana. An appropriation for it was strongly urged at the last session of the General Assembly, but was not granted. An advance of federal funds has been secured for studies of the building, and the site must be assured before major expenditures are made on such studies.

The Faculty Building Program Committee has studied in detail the problem of a site. The Committee has assembled extensive information on this subject and has discussed the problem with representatives of all interests concerned. The Committee has reached the unanimous conclusion, concurred in by these representatives, that the building should be located immediately east of the Natural History Building and Noyes Laboratory. This site requires the south portion of the block bounded by Mathews, Green, Goodwin, and Illinois Streets, the north portion of the block bounded by Mathews, Illinois, Goodwin, and California Streets, and the use of Illinois Street between these two blocks. It has recommended that, in addition to acquiring land in this area not now owned by the University, the city of Urbana be requested to vacate the one block of Illinois Street between Mathews Avenue and Goodwin Avenue as an essential part of this development.

A closely related item is the improvement of Goodwin Avenue between Springfield and Nevada to relieve traffic congestion on Mathews Avenue and to coordinate with the long-range plan for general development of the east side of the campus. An extension and improvement of Goodwin Avenue from Gregory Drive to Pennsylvania Avenue recently has been completed.

Extended discussions have been carried on by University officials with the City Council and other officials of Urbana. The Council is ready to proceed with the improvement of South Goodwin Avenue at a total estimated cost of \$226,000. The University is asked to contribute approximately \$129,000 toward this improvement. It would also be asked to pay for (a) the land vacated in the closing of Illinois Street, which has been appraised at \$51,613, and (b) such additional costs to the city of Urbana resulting from the University's deferral of payments on the Goodwin Avenue improvement. The University has acquired title to most of the property on both sides of Illinois Street in the block immediately east of the campus, and the closing would be effective only after payments totaling \$51,613 have been made by the University or by other owners of property fronting on this block.

The widening of Goodwin Avenue will make it necessary for the city of

Urbana to acquire additional right of way on the east side between Green Street and Springfield Avenue, in which area the University owns a large part of the street frontage. The land has been appraised at \$1.25 per square foot between Springfield Avenue and the Boneyard and at \$1.50 per square foot south of the Boneyard.

The Director of the Physical Plant and the Comptroller recommend that:

1. The Comptroller and the Secretary of the Board of Trustees be authorized to execute an agreement with the city of Urbana providing for the payment of the University's proportionate share of the cost of the Goodwin Avenue improvement, or approximately 57 per cent of the actual construction cost, including engineering, legal service, financing costs and miscellaneous expenses. One-half of the University's share shall be paid when construction begins and the other half on completion. Based on present estimates of cost, the University's share will be approximately \$121,543, after allowing credit for the University's Goodwin Avenue frontage to be transferred to the city of Urbana. The proposed agreement with the city of Urbana will not be executed until (a) bids on this project have been received and it is clear that funds are available to pay the University's share; (b) passage of the necessary ordinances by the city of Urbana; and (c) approval of the improvement by the Court.

2. The Comptroller be authorized to make payments not to exceed \$51,613 to the city of Urbana for the acquisition of one block of Illinois Street and right of way based on the appraised value; plus reimbursement for any additional costs incurred by the city of Urbana in financing the Goodwin Avenue project as the result of deferment of payments by the University for the acquisition of Illinois Street. Such payments will be made as the University acquires property fronting on Illinois Street between Goodwin Avenue and Mathews Avenue and as funds are available.

3. An allotment of \$167,663 be made from the state appropriation of \$180,000 for 1951-1953 "For improvements to University grounds at Urbana-Champaign and of adjacent city streets" for the improvement of Goodwin Avenue and, to the extent possible, for the acquisition of Illinois Street between Goodwin Avenue and Mathews Avenue.

4. In order to provide the additional right of way needed by the city of Urbana, the sale of University-owned land on the east side of Goodwin Avenue between Springfield Avenue and Green Street be authorized on the basis of appraised values.

5. The Director of the Physical Plant be authorized and directed, with the assistance of the Legal Counsel and the Comptroller, to negotiate with the owners of land not now owned by the University for the purchase of the additional areas needed for campus expansion and to submit recommendations on the purchase of such properties.

I recommend approval of these steps.

On motion of Mrs. Holt, authority was given and funds were assigned, as recommended, by the following vote: Aye, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Fornof, Mr. Stevenson.

CONTRACT FOR DEMOLITION OF STEAM PLANT CHIMNEY IN CHICAGO

(12) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$9,890 to the Bosley Wrecking Company, Chicago, for demolition of the chimney at the old heating plant at the Chicago Professional Colleges. The chimney, which has not been in use since the new Medical Center steam plant went into operation, has deteriorated to such an extent that it is hazardous.

The total estimated cost of this demolition and work incidental thereto, including the contract and work to be done by the Physical Plant Department, is \$15,000. Funds are available as follows: (a) from the Physical Plant Department budget, item for renewals and replacements, \$5,000; (b) from the appropriation to the Physical Plant Department for debt service on building bond issues but not needed this year, \$10,000.

I recommend that the project be approved, to be paid for from the sources of funds indicated, and that the Comptroller and the Secretary of the Board be authorized to execute a contract with the Bosley Wrecking Company.

On motion of Mr. Grange, this contract was authorized.

CHANGE IN CONTRACT WITH PACE ASSOCIATES

(13) The reduction and change in the program of construction of the East Dentistry-Medicine-Pharmacy Building authorized by the Board of Trustees on October 23 to bring the total cost of the building within the funds available will require additional architectural services. Pace Associates, architects for this building, have offered to do the additional work on the basis of actual costs for services of designers, draftsmen, and other items, plus an overhead charge of 20 per cent, an estimated total cost of \$11,000.

The Director of the Physical Plant and the Comptroller recommend a change in the contract with Pace Associates authorizing this additional work.

I concur and recommend that the Comptroller be authorized to execute this contract change.

On motion of Mrs. Watkins, this contract change was authorized.

CONTRACT FOR DEMOLITION OF BUILDINGS ON THE SITE OF THE EAST DENTISTRY-MEDICINE-PHARMACY BUILDING

(14) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$14,715 to the Bosley Wrecking Company, Chicago, the lowest bidder, for the demolition of seventeen buildings on the site of the East Dentistry-Medicine-Pharmacy Building. The properties are at 1735, 1737, 1739, and 1745 West Polk Street; 806, 808, 810, 814, 820, 826, 838, 900, 902, 904, 916, 922, and 928 South Hermitage Avenue.

There are twenty buildings on this construction site, but three are still occupied. Hence, bids were taken on the demolition of the seventeen buildings so that the work can be started at once. When the three buildings now occupied are vacated, separate bids will be taken for the demolition of those three.

Funds are available in the state appropriation for the construction of the East Dentistry-Medicine-Pharmacy Building and have been released by the Governor.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Nickell, this contract was authorized.

PURCHASES

Purchases Authorized

(15) The following purchases were authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

Item	Department	Vendor	Cost
14" heavy duty Ram type shaper complete with forced feed lubrication system, 3 h.p. motor and table support	Civil Engineering	Western Machine Tool Works, Holland, Mich.	\$3 341 70 f.o.b. Holland, Mich.
Ten work benches, wood, 8' long	Physics	General Planing Mill Co., Champaign	3 171 70 f.o.b. delivered
Ten work benches, wood, 6' long			
Ten work benches, wood, 4' long			
Ten cabinets, wood			

On motion of Mr. Johnston, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

Item	Department	Vendor	Cost
One lot laboratory equipment	Radiocarbon Laboratory	E. H. Sargent & Co., Chicago	\$2 932 01 f.o.b. Urbana

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 24" x 36" x 48" recessed bulk sterilizer with loading car, carriage, and recording thermometer	Research and Educational Hospitals, Chicago	Ohio Chemical Co., Madison, Wis.	4 242 50 f.o.b. Chicago
70,000 gallons (approximate) regular gasoline, to be delivered in transport tank trucks as required during six months period beginning January 1, 1952	Physical Plant	The Texas Co., Chicago	11 874 10 f.o.b. delivered
Two four-door station wagons complete with heater and defroster, sun visor, directional signals, and spare tire, less allowance for vehicles No. 203 and No. 402, 1949 and 1950 Chevrolet Carryalls	Physical Plant	Sullivan Chevrolet Co., Champaign	2 508 66 (net)
40,000 lbs. 25 x 38 sixty pound No. 2 enamel book paper	Office Supply	Bradner-Smith and Co., Chicago	7 340 00 f.o.b. Urbana
30,000 copies second semester Time Table to be offset printed	University Press	Interstate Printing Co., Danville	5 410 60 f.o.b. Urbana
6,000 copies of soil maps of Menard County	Agronomy	A. Hoen & Co., Baltimore, Md.	6 300 00 f.o.b. Urbana
Eight issues <i>Educational Theory</i> to be printed during the period from November 1, 1951, to June 30, 1953; the printer will supply mailing and subscription service	College of Education	Interstate Printing Co., Danville	4 000 00 f.o.b. delivered
1,000 copies of book entitled <i>Freedom of Press in England</i> by Fredrick S. Siebert, printed and bound	University Press	Pantagraph Printing and Stationery Co., Bloomington	3 325 50 f.o.b. delivered
3,144 rolls 1/4" x 1200' magnetic recording tape	Office Supply	Walker-Jimieson Co., Chicago	8 080 08 f.o.b. delivered
24 monocular microscopes including the following: mechanical stage, eyepiece 10X Huygenian, nose-piece quadruple, revolving dual cone, achromatic objectives 3.5X, 30 mm.; 10X, 16 mm.; 43X, 4 mm.	Biological Sciences, Chicago Undergraduate Division	Graf-Apsco Co., Chicago	4 732 08

On motion of Mr. Johnston, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(16) The Comptroller's report of contracts executed during the period October 1 to 31, 1951.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
New Berlin Community Unit #16	Survey of attendance areas and grade organization	\$ 250 00	September 28, 1951
Will County District #210	Survey of building, curriculum, and service facilities	5 000 00	September 24, 1951
Sangamon County Board of Education	Survey of reorganization of non-high school territory	3 750 00	September 25, 1951
Merck and Company	Study of structure of vitamin BT	4 354 35	September 1, 1951
Moorman Manufacturing Co.	Study of nutrition of baby pigs	4 500 00	October 17, 1951
Abbott Laboratory	Study of pentothal sodium	500 00	October 10, 1951
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Virgil J. Rhoades	Move two barns on Joliet arsenal	\$1 300 00	October 1, 1951
R. V. McElroy	Construct drainage ditch on McCullough farm	2 000 00	October 10, 1951
American Federation of Arts	Eliel Saaringen memorial exhibition—Chicago (rental of pictures)	125 00	August 23, 1951
St. Rita High School	Rental of stadium for football games—Chicago Undergraduate Division	Rates per contract	October 11, 1951

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Illinois Coal Strippers Association	Study of strip-mined areas	\$6 500 00	October 16, 1951
Borden Company	Study of stability of poultry fat	1 000 00	October 10, 1951
Hiram Walker & Sons, Inc.	Study of solubles in swine nutrition	720 00	October 9, 1951
Commercial Solvents Corp.	Study of solubles in swine nutrition	1 000 00	September 28, 1951
Institute of Boiler and Radiator Manufacturers	Study of steam and water heating	26 000 00	September 17, 1951
U. S. Navy	N-60ri-71	9 614 00	July 1, 1951
U. S. Army	V100r M-2393	7 500 00	June 22, 1951

Leases Executed

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Willis Appleby	Crop-share lease for Hackett farms	Rates per contract	October 1, 1951
Mary H. Seten	Rental space in Harrisburg for Illinois Division of Services for Crippled Children	\$ 135 00 (quarterly)	July 1, 1951

Adjustments Made in Authorizations Issued Under Cost-Plus Standing Contracts
(Minor Adjustments on Work Started before July 1)

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. N. DeAtley	Changes in administrative offices	569 61 ¹	September 26, 1951
	708 South Mathews Avenue remodeling	249 62	September 18, 1951
	1005 West Nevada Street remodeling	421 45	October 3, 1951
	Sub-total	(101 46)	
Reliable Plumbing & Heating Co.	Green Street apartments	164 80 ¹	October 25, 1951
	Changes in administrative offices	278 02 ¹	September 27, 1951
	Sub-total	(442 82) ¹	

Adjustments Made in Authorizations Issued Under Cost-Plus Standing Contracts
(Minor Adjustments on Work Started after July 1)

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric Co.	Coffee House remodeling	\$1 053 29	September 26, 1951
	Sub-total	(1 053 29)	
Clyde E. Gates	Architecture Building drafting rooms	4 390 49	September 26, 1951
	Coffee House remodeling	2 721 82	September 26, 1951
	Sub-total	(7 112 31)	
Reliable Plumbing & Heating Co.	Coffee House remodeling	675 00	September 26, 1951
	Sub-total	(675 00)	

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(17) The Comptroller presents his quarterly report to the Board as of September 30, 1951.

This report was received for record and a copy has been filed with the Secretary of the Board.

APPOINTMENTS TO THE STAFF OF THE UNIVERSITY OF ILLINOIS-COOK COUNTY SCHOOL OF NURSING

(18) The Vice-President in Charge of the Chicago Professional Colleges recommends the following reappointments and five new appointments to the staff of the University of Illinois-Cook County School of Nursing for the academic year

¹ Deduct.

beginning September 1, 1951. These appointments are all without salary from the University of Illinois and are analogous to the clinical faculty of the College of Medicine.

I recommend that these appointments be approved and that the President of the University be authorized to make such changes as are necessary.

Reappointments

With the rank of Assistant Professor

- E. ELIZABETH GEIGER, R.N., A.M., Director, University of Illinois-Cook County School of Nursing and Director of Nursing Service
- FRANCES L. A. POWELL, R.N., B.S., Associate Director in charge of Nursing Service
- LAILA SKINNER, Ph.D., Personnel Director
- LYDIA BRICKBAUER, A.M., Assistant Personnel Director
- NELLIE D. MILLARD, R.N., A.M., Science

With the rank of Clinical Assistant Professor

- MILLIE E. KALSEM, B.S., Director of Dietary Department
- JOSEPHINE G. TAYLOR, A.M., Director of Social Service Department
- MABEL GANGER, R.N., M.S., Assistant Director in charge of Medical Nursing Service
- CASSIE ELIZABETH KOST, R.N., B.S., Coordinator and Assistant Director of Nursing Service
- VELMA N. FORESMAN, R.N., B.S., Assistant Director in charge of Obstetric and Gynecologic Nursing Service
- ELIZABETH S. NEWTON, R.N., B.S., Assistant Director in charge of Outpatient Nursing Service; Director of Health and Welfare
- ELLEN ELIZABETH DEVER, R.N., B.S., Assistant Director in charge of Pediatric Nursing Service
- MARY WESTON, R.N., Litt.M., Assistant Director in charge of Psychiatric and Neurologic Nursing Service
- M. LUELLA GARDNER, R.N., Ph.B., Assistant Director in charge of Surgical Nursing Service

With the rank of Instructor

- HARRIET M. ALBRIGHT, A.B.(L.S.), Chief Librarian
- JESSIE SMALL, M.S., Assistant Director, Dietary Staff, Cook County Hospital; Food and Nutrition, Diet Therapy, Childhood Nutrition
- BERNICE FASH, A.M., B.P.E., Physical Education, Emergency Nursing
- GLADYS C. ROBINSON, M.S., Science
- HELEN JOAN KABELLA, R.N., B.S., Nursing Arts
- DEE ANN GILLIES, R.N., B.S., Medical Nursing

With the rank of Clinical Instructor

- CLARA ERICKSON, R.N., Clinic Nursing
- ESTHER R. BELL, R.N., Communicable Disease Nursing
- JOSEPHINE ODENEAL, R.N., B.S., Dermatologic, Venereal Diseases, and Urologic Nursing
- GRACE PATON, R.N., B.S., Eye, Ear, Nose, and Throat Nursing
- GERTRUDE MANDT, R.N., Ph.B., Neurologic Nursing
- BEATRICE THOMPSON NISIUS, R.N., B.S., Obstetric and Gynecologic Nursing
- NELLIE VAN DYKE, R.N., M.S., Orthopedic Nursing
- MARIAN SIMKIN, M.S., in charge of Outpatient Nutrition Clinic
- MARGUERITE L. MARTIN, R.N., Ph.B., Pediatric Nursing
- LENORE KIMBALL, R.N., B.S., Psychiatric Nursing
- VIOLA D. WARD, R.N., A.M., Social Service
- MARYALICE GRUESBECK, R.N., Ph.B., Operating Room Technique
- LOIS MAE CUSHMAN, R.N., A.B., Tuberculosis Nursing

With the rank of Clinical Assistant

- LENORA LINSON, R.N., Afternoon Administrative Supervisor
- KATHRYN WILLIAMS, R.N., Supervisor of Nursing, Admitting Service
- KATHRYN JENKINS, R.N., B.S., Supervisor of Admitting Department

RUTH E. KNUTSON, R.N., Supervisor of Communicable Disease Nursing Service, Dermatologic, Urologic, and Tuberculosis Nursing Services
 MILDRED MARCHETTI, R.N., Communicable Disease Nursing
 GERTRUDE STILWELL, R.N., Afternoon Supervisor of Communicable Disease Nursing Service
 ITA R. McDONELL, R.N., Supervisor of Medical Nursing Service
 MARTHA MERTIELE SCHEEF, R.N., Supervisor of Medical Nursing Service
 MILDRED J. MILLER, R.N., Supervisor of Medical Nursing Service
 BERTHA SLEPICKA, R.N., Supervisor of Obstetric and Gynecologic Nursing Service
 ANNIE JANE GOULD, R.N., Supervisor of Obstetric Nursing Service
 HELEN MARGARET EDDY, R.N., A.B., Care of Newborn, Supervisor of Nursing Service
 VIVIAN SMEDLEY, R.N., Night Supervisor of Obstetric Nursing Service
 HILDEGARDE MOEHL, R.N., Clinic Nursing; Supervisor of Outpatient Nursing
 PHYLLIS STEVENS MEALY, R.N., Supervisor of Pediatric Nursing Service
 HELEN LILLIAN AMUNDSEN, R.N., Afternoon Supervisor of Pediatric Nursing Service
 DeLOIS HEIL, R.N., Night Supervisor of Pediatric Nursing Service
 CORA PERRIN, R.N., Supervisor of Pediatric Nursing Service
 MARY EILEEN HENNEBERRY, R.N., Supervisor of Pediatric Nursing Service
 IRENE KALNICKY, R.N., Supervisor of Pediatric Nursing Service
 EUNICE LENZ, R.N., Supervisor of Pediatric Nursing Service
 MARGARET WOESTHOFF, R.N., Supervisor of Pediatric Nursing Service
 EMILY A. SKORUPA, R.N., B.S., Supervisor of Psychiatric Nursing Service
 WANETA LEAR, R.N., Afternoon Supervisor of Psychiatric Nursing Service
 MARGARET DAGWELL, R.N., Psychiatric Nursing
 BARBARA J. SNOKE, A.M., Social Service
 LELA PRUTSMAN, R.N., Supervisor of Surgical Nursing Service
 LUCILLE ANNE GAUKROGER, R.N., Supervisor of Nursing Service of Operating Room
 RUTH GRESSITT, R.N., Supervisor of Nursing Service of Operating Room
 WILLIAM CHARLES BRUNNER, R.N., A.M., Supervisor of Sterile Supplies Department
 CHRISTINE SAPPINGTON, R.N., A.B., Supervisor of Surgical Nursing Service
 EDNA HILL, R.N., Supervisor of Surgical Nursing Service
 AUGUSTINE PARKS, R.N., Supervisor of Surgical Nursing Service
 MABEL WILSON, R.N., Supervisor of Surgical Nursing Service
 ELIZABETH PENNYPACKER, R.N., Surgical Nursing

New Appointments

With the rank of Assistant Professor

FLORA PAULINE GESNER, R.N., B.S., A.M., Associate Director of Nursing Education
 MARTHA RUTH NICKEL, R.N., B.S., A.M., Assistant Director of Nursing Service

With the rank of Instructor

MARY ELIZABETH REGLIN, R.N., Assistant Director in charge of Communicable Disease and Tuberculosis Nursing Services

With the rank of Clinical Assistant

RUTH SELMER, R.N., B.S., Medical Nursing
 HARRIET FARBER UNGER, B.E., Supervisor, Child Development Unit, Children's Hospital

On motion of Mr. Grange, these appointments were approved.

RESIGNATION OF DIRECTOR PAR DANFORTH

(19) Professor Par Danforth has informed me that he wishes to terminate his work as Director of Robert Allerton Park at the end of the current calendar year. Accordingly, I am recommending acceptance of his resignation as of Janu-

ary 31, 1952, with the understanding that he will be relieved of his duties as of January 1, 1952, and granted his month's vacation with pay.

It is appropriate to note that since Professor Danforth became Director in January, 1949, much has been accomplished in making Robert Allerton Park and Allerton House the successful, living program which was envisaged when this splendid facility became the property of the University.

On motion of Mr. Herrick, this resignation was accepted.

CLAIM OF ALONZO FITZGERALD

(20) While employed as a janitor by the Physical Plant Department, Alonzo Fitzgerald, on September 16, 1943, was assisting in carrying a heavy box of pamphlets down the stairs in the Administration Building (E). He claims that he suddenly experienced a very severe pain in his back which caused him to drop his end of the box and to fall. Since then he has from time to time experienced episodes of severe pains in his back frequently extending to one or both legs. He has frequently received medical care and treatment both in Urbana-Champaign and in the Research and Educational Hospitals in Chicago, including one operation at the latter in 1949. The University paid medical and hospital bills of \$435.66 and compensation of \$308.40.

Recently Fitzgerald left the University's employ, claiming that his physical condition is such that he is unable to do physical labor of the type assigned to him at the University. He asserts that his back trouble was caused by the fall in 1943. His attorney has placed claims for further medical treatment, hospitalization, and compensation and has made it plain that unless a settlement is received, he will institute proceedings under the Workmen's Compensation Act.

The Committee on Accident Compensation has reached the conclusion that the sum of \$2,500 should be offered in full settlement of all claims against the University, coupled with a full and complete release therefor. Fitzgerald has indicated that he will accept such a settlement if it is made in the near future.

The Committee recommends, therefore, that a settlement be authorized on this basis and an appropriation be made for the amount required.

I concur and recommend approval.

On motion of Mr. Johnston, the settlement recommended was authorized, and an appropriation of \$2,500 was made from the General Reserve Fund for this purpose by the following vote: Aye, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Fornof, Mr. Stevenson.

REPORT OF COMMITTEE ON TELEVISION

Mr. Livingston, Chairman of the special Committee on Television appointed by the Board on September 19, 1951, reported that the Committee had held meetings on October 18 and November 23, 1951.

At its initial meeting, the Committee agreed that the University should take all appropriate measures to secure a channel for the operation of a television station in the Urbana-Champaign area and should proceed with plans for the construction of such a station. It was also the judgment of the Committee that consideration should be given to the question of standing on the present application for the channel already tentatively allocated by the Federal Communications Commission for a non-commercial, educational station in the Urbana-Champaign area as against revising the application to request assignment of the channel without restriction regarding its commercial use. The Committee also requested its faculty advisers to study and report on these points:

Sources of funds to support telecasting of educational programs.

Should the University attempt to fill time or otherwise secure funds by scheduling commercial programs along with educational programs?

Data on the cost per year on the operating of a television station.

Sample educational programs showing how a full day's time could be utilized by the University in the operation of a television station.

At its meeting on November 23, the Committee considered a memorandum prepared by Professor Robert B. Hudson, Director of University Broadcasting, who had been directed by the President of the University to head up the studies being made for the Committee. At the request of Chairman Livingston, Director Hudson presented his report, a complete copy of which was filed with the Secretary of the Board for record.

Director Hudson's report, as summarized, is as follows:

At its meeting on November 23, the Board of Trustees Committee on Television gave special consideration to the question of the present application for the channel tentatively allocated by the FCC for a non-commercial, educational station versus changing the application by asking that the channel be opened for commercial use. An important time element is involved in the consideration of this question because the FCC will close formal hearings on applications on November 26. If the University decides to let its present application stand, no further action needs to be taken at present, but if the University elects to apply for a commercial channel, an amended application must be filed not later than November 26. As matters stand on November 23, 1951, the University may,

1. Resolve to construct and to operate a television station on a non-commercial basis.

If this action is taken (or, indeed, if no action is taken) no additional filings are required of the University in the FCC allocations hearings which close on November 26, 1951. (In its filing of September 17, 1951, the University asked the FCC to make final its proposed assignment of Channel 12 to Urbana for non-commercial, educational use.)

Consequences: Under this action, the FCC may reasonably be expected to make final its proposed allocation of VHF Channel 12 to Urbana, reserved for non-commercial, educational use. Furthermore, under such a reservation, it would not be incumbent upon the University to apply immediately for a television license and to place a station in operation. On the basis of the filings previously made by the University, the reservation of the channel may be expected to hold for approximately two years (perhaps, through two sessions of the state legislature), and will be subject to extension if the University shows a bona fide interest in using the channel.

2. Resolve to apply for a license to operate a television station on Channel 12, reserved for non-commercial use, in Urbana, but to petition the FCC to permit the commercial use of the reserved Channel 12 until such time as the area may be adequately served by commercial television stations.

Consequences: Under this plan the University's television station would be able to broadcast *both* amusement-centered and education-centered programs until such time when privately-owned television stations were available in sufficient numbers to provide amusement-centered programs in the Urbana area. At that point the University would look forward to channeling its resources and energies into more socially significant programs, on a non-commercial basis.

(The action suggested under No. 2 is consistent with the proposal advanced to the FCC by the Joint Committee on Educational Television with reference to so-called "single station" areas, "... that the restrictions which will govern non-commercial, educational television stations should be temporarily relaxed where the educational station is the only television station serving all or a substantial part of its service area. This temporary relaxation of the rules should be self-terminating. The general principles of the proposal we are making are as follows:

i. A non-commercial, educational television station should be permitted, subject to suitable restrictions to insure that a bona fide educational service is rendered, to carry network commercial programs;

ii. The permission of such a non-commercial, educational television station to carry network commercial programs should be limited as soon as there is a single commercial television service available to all or a substantial part of the service area of the non-commercial, educational television station;

iii. The permission should be entirely withdrawn as soon as two such commercial station services are available to the service area of the non-commercial, educational television station.")

3. Resolve to construct and to operate a television station on a commercial basis. If this action is taken, it will be necessary for the University to petition the FCC, prior to November 26, 1951,¹ to assign Channel 12 to Urbana without restriction, i.e., without reserving it for non-commercial, educational use. It should further certify to the FCC that it proposes to apply for a license to operate a television station on "unrestricted" Channel 12, how it proposes to operate it (on a profit or a non-profit basis), and the nature of the program service that it proposes to offer.

Consequences: Under this action, assuming a "late" petition to be acceptable, there is no assurance that the FCC will assign unrestricted Channel 12 to Urbana (commercial organizations looking to their separate interests have petitions on file with the FCC asking that Channel 12 be deleted from Urbana and assigned to a) Peoria, b) Springfield, c) Rockford, d) Indianapolis, or e) Paducah). If the FCC should assign unrestricted Channel 12 to Urbana, the University in filing an application for a license to operate a commercial station on this channel would find itself in competition with private interests applying for licenses to broadcast on the same channel at the same place. (Following the announcement by the FCC of permanent television channel assignments, interested parties will have a 60-day period in which to file applications for licenses.)

At the conclusion of Director Hudson's presentation, Chairman Livingston reported that the Committee recommends the adoption of Option 1, viz., that the University resolve to construct and to operate a television station on a non-commercial basis, and to petition the FCC to permit some commercial use of the reserved channel until such time as the area is adequately served by commercial television stations.

On motion of Mr. Johnston, the recommendations of the Committee were adopted; Messrs. Herrick and Nickell voted "no."

REPORT OF COMMITTEE ON NONACADEMIC PERSONNEL

Mr. Grange, Chairman of the Committee on Nonacademic Personnel, reported that the University Civil Service Merit Board, made up of three members of the Board of Trustees of the University of Illinois, one member of the Teachers College Board, and one member of the Southern Illinois University Board, had met, organized, and had appointed its administrative staff, including the appointment of Mr. Donald E. Dickason, Director of Nonacademic Personnel at the University of Illinois, to serve as Director of the University Civil Service System of Illinois.

DISCUSSION OF KREBIOZEN

At the request of President Livingston, President Stoddard discussed the present controversy involving Dr. A. C. Ivy, Distinguished Professor of Physiology and Head of the Department of Clinical Science, and Vice-President of the University in Charge of the Chicago Professional Colleges, and his direction of research and clinical studies of the drug "Krebiozen." President Stoddard then summarized his discussion in a formal statement as follows:

As I see it, the main question now is to determine definitely the value of the drug under research and clinical conditions.

Dr. Ivy has a large number of new cases that need study and evaluation; he needs a few months' time for this and I feel he should be asked to work intensively on this report,

¹ The Commission's television hearings end on November 26. The final filing date for Illinois, Indiana, Michigan, and parts of Ohio and Kentucky was September 17, thus any filing by the University of Illinois after September 17 is subject to the Commission's acceptance of a "late" petition.

If the problem is regarded as basically an administrative matter, I shall proceed to get the answers that are needed:

1. To validate to the satisfaction of all concerned the effects of Krebiozen on cancer patients.
2. To consider questions raised by members of the medical profession as to procedure and future developments.
3. As soon as may be feasible, to give the public full information on the outcome of the work.

President Livingston asked all members of the Board to comment on this matter.

At the conclusion of these discussions, Mr. Nickell moved that it is the sense of the Board of Trustees that this is an administrative matter. The motion was adopted.

SECRETARY'S REPORT OF CONTRACTS

The Secretary presented for record the following documents signed by the President and the Secretary of the Board and deposited with the Secretary since the last report.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Associated Piping Contractors, Inc.	Heating and ventilating work, Staff Apartment Building, Chicago	\$103 888 00	April 17, 1951
Haughton Elevator Company	Furnishing and installing two electric passenger elevators, Staff Apartment Building, Chicago	51 006 00	April 17, 1951
Hoffman Electric Company	Electrical work, Staff Apartment Building, Chicago	134 760 00	April 17, 1951
M. J. Corboy Corp.	Plumbing work, Staff Apartment Building, Chicago	178 653 00	April 17, 1951
James McHugh Construction Co., Inc.	General work, Staff Apartment Building, Chicago	959 200 00	April 17, 1951
Duparquet, Inc.	Installation of kitchen and cafeteria equipment, Residence Halls for Men, Chicago	81 430 00	April 17, 1951
Haughton Elevator Company	Furnishing and installing two electric passenger elevators, Residence Halls for Men, Chicago	45 277 00	April 17, 1951
M. J. Corboy Corp.	Plumbing work, Residence Halls for Men, Chicago	123 118 00	April 17, 1951
Reliable Sheet Metal Works, Inc.	Ventilating work, Residence Halls for Men, Chicago	48 972 31	April 17, 1951
James McHugh Construction Co., Inc.	General work, Residence Halls for Men, Chicago	1 334 750 00	April 17, 1951
Cork Insulating Company	Walk-in refrigerators, Residence Halls for Men, Chicago	15 870 00	April 17, 1951
White City Electric	Electric wiring, Residence Halls for Men, Chicago	155 100 00	April 17, 1951
Economy Plumbing & Heating Company	Heating work, Residence Halls for Men, Chicago	122 700 00	April 17, 1951
Midwest Engineering & Equipment Co.	Refrigeration compressors and coils, Residence Halls for Men, Chicago	10 275 00	April 17, 1951
Republic Coal & Coke Company	41,000 tons coal	3 85 per ton f.o.b. cars at mine	August 21, 1951

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) fellows; (3) resignations and declinations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

AMADOR, LUIS, Clinical Instructor in Neurology and Neurological Surgery, in the College of Medicine, ten months beginning November 1, 1951, without salary, supersedes (11-8-51).

- BAKER, LESTER, Clinical Assistant in Medicine, in the College of Medicine, eleven months beginning October 1, 1951, without salary (11-8-51).
- BARBER, CARL S., Instructor in General Engineering Drawing, in the Undergraduate Division in Chicago, October 17, 1951-August 31, 1952, to render service during the academic year, \$4700 a year (10-25-51).
- BERNSTEIN, LEON, Instructor in Psychiatry, in the College of Medicine, on one-half time, ten months beginning November 1, 1951, \$3000 a year, supersedes (11-15-51).
- BEST, WILLIAM R., Clinical Assistant in Medicine, in the College of Medicine, eleven months beginning October 1, 1951, without salary (10-20-51).
- BROWN, DAVID V. L., Assistant in Ophthalmology (Rush), in the College of Medicine, one year beginning July 1, 1951, without salary (11-3-51).
- CHECOV, LOUIS, Research Associate in Psychology, in the Graduate College, October 15, 1951-August 31, 1952, \$5000 a year (11-10-51).
- CLUNE, HATTIE L., Instructor in Social Work, in the Chicago Professional Colleges, ten months beginning November 1, 1951, \$3660 a year (10-22-51).
- CONDON, JOSEPH V., Clinical Assistant in Medicine, in the College of Medicine, eleven months beginning October 1, 1951, without salary (11-3-51).
- COOK, MRS. ALICE M., Assistant in Animal Nutrition (Animal Science) (S), October 8, 1951-August 31, 1952, \$3000 a year (10-22-51).
- CRAMER, GLENN E., Instructor in General Engineering Drawing, in the Undergraduate Division in Chicago, for the second semester of the academic year beginning February 1, 1952, \$2500 (11-15-51).
- DANA, GLADYS B., Research Assistant in the Bureau of Research and Service, four months beginning October 1, 1951, \$2800 a year (10-17-51).
- DICKEY, DON E., Research Assistant in the Institute of Government and Public Affairs, October 29, 1951-June 15, 1952, \$333.33 a month (11-3-51).
- FORTNEY, JEAN D., Research Assistant in Bacteriology, in the Graduate College, ten months beginning November 1, 1951, \$3000 a year (11-7-51).
- FOX, BENUM W., Clinical Assistant in Medicine, in the College of Medicine, eleven months beginning October 1, 1951, without salary (11-8-51).
- FRANTZ, MRS. DORIS M., Acquisition Assistant in the Library, November 7, 1951-August 31, 1952, \$3300 a year, supersedes (11-7-51).
- GERBUHR, CARL A., Clinical Assistant in Medicine, in the College of Medicine, eleven months beginning October 1, 1951, without salary (11-8-51).
- GEISSE, NANCY, Research Assistant in Anatomy, in the College of Medicine, October 15, 1951-August 31, 1952, \$375 a month (11-1-51).
- GIBBS, FREDERIC A., Professor of Neurology, in the Department of Neurology and Neurological Surgery, in the College of Medicine, on three-fourths time, on indefinite tenure beginning September 1, 1951, \$7000 a year, supersedes (10-18-51).
- GOLDSTEIN, MRS. RHODA L., Instructor in Sociology, in the College of Pharmacy, three months beginning October 1, 1951, \$800 (10-24-51).
- GRUEN, WALTER, Research Associate in Psychology, in the Graduate College, September 16, 1951-August 31, 1952, \$400 a month, supersedes (11-6-51).
- HAMMOND, REX D., Clinical Instructor in Psychiatry, in the College of Medicine, eleven months beginning October 1, 1951, without salary (10-27-51).
- HENRIOULLE, EUGENE L., Research Assistant in Physiology, in the College of Medicine, ten months beginning November 1, 1951, \$3300 a year, supersedes (10-24-51).
- HOWARD, ALLEN H., Instructor in Social Sciences, in the Undergraduate Division in Chicago, on one-half time, for the academic year beginning September 1, 1951, \$1700 (10-16-51).
- HSLAO, LUN, Research Associate in Physics (S), eleven months beginning October 1, 1951, \$3750 a year (10-24-51).
- IVERSON, MRS. ALICE F., Instructor in Mathematics, in the Undergraduate Division in Chicago, for the academic year beginning September 1, 1951, on full time for the first semester, \$2150, and on three-fourths time for the second semester, \$1625, supersedes (10-8-51).
- JONES, RUDARD A., Associate Professor of Architecture, on indefinite tenure, and Assistant Director of the Small Homes Council, one year beginning September 1, 1951, \$7790 a year, supersedes (10-19-51).

- KAHLER, FREDERICK A., III, Instructor in Theoretical and Applied Mechanics, in the Undergraduate Division in Chicago, for the second semester of the academic year beginning February 1, 1952, \$2150 (11-15-51).
- KENNEDY, ROBERT E., Assistant Professor of Foundry and Pattern Laboratory, in the Undergraduate Division in Chicago, on 67/100 time, November 1, 1951-August 31, 1952, to render service during the academic year, \$3800 a year, supersedes (10-31-51).
- KING, ROBERT B., Instructor in Physical Education for Men, on one-half time, September 17, 1951-August 31, 1952, to render service during the academic year, \$1550 a year; in addition to \$6500 a year paid by the Athletic Association, supersedes (10-22-51).
- KIRCH, ERNST R., Associate Professor of Chemistry, in the College of Pharmacy, on indefinite tenure beginning October 1, 1951, to render service during each academic year, \$7000 a year, supersedes (11-1-51).
- KNABLE, NORMAN, Research Associate in Physics (C), ten months beginning November 1, 1951, \$6800 a year (11-15-51).
- KOBAK, ALFRED J., Clinical Associate Professor of Obstetrics and Gynecology, in the College of Medicine, one year beginning September 1, 1951, without salary, supersedes (11-10-51).
- LEMCOE, MRS. DOROTHEA A., Technical Editor in Electrical Engineering (S), eleven months beginning October 1, 1951, \$3800 a year (10-17-51).
- LENDRUM, BESSIE L., Instructor in Pediatrics, in the College of Medicine, on one-half time, one year beginning September 1, 1951, \$3000 (10-31-51).
- LEONARD, NELSON J., Professor of Chemistry, on indefinite tenure beginning March 1, 1952, to render service during each academic year, \$10,000 a year, supersedes (10-15-51).
- LOCKHART, HELEN R., Instructor in Social Work, in the Chicago Professional Colleges, November 12, 1951-August 31, 1952, \$4100 a year (10-22-51).
- MCINNIS, ELIZABETH S., Instructor in Occupational Therapy, in the College of Medicine, October 10, 1951-August 31, 1952, \$4000 a year (10-24-51).
- MODIGLIANI, FRANCO, Professor of Economics, in the Graduate College, on indefinite tenure, beginning February 1, 1952, to render service during each academic year, \$555.56 a month for the period February 1-August 31, 1952, and \$650 a month beginning September 1, 1952, supersedes (10-15-51).
- MONTGOMERY, MAX M., Associate Professor of Medicine, in the College of Medicine, on one-half time, on indefinite tenure beginning November 1, 1951, \$3440 a year, supersedes (11-16-51).
- MYNAUGH, MRS. LONA T., Instructor in Mathematics, in the Undergraduate Division in Chicago, for the academic year beginning September 1, 1951, on full time for the first semester, \$2000, and on three-fourths time for the second semester, \$1500, supersedes (10-8-51).
- NELSON, ROBERT E., Associate Extension Forester, with the rank of Instructor (Forestry) (E), November 15, 1951-August 31, 1952, \$4500 a year (10-24-51).
- NEMECEK, JOSEPH G., Clinical Instructor in Psychiatry, in the College of Medicine, eleven months beginning October 1, 1951, without salary (10-26-51).
- NEWMAN, EDWARD A., Instructor in Medicine, in the College of Medicine, eleven months beginning October 1, 1951, without salary (10-26-51).
- NORDSTROM, JAMES E., Research Assistant in Medicine, in the College of Medicine, eleven months beginning October 1, 1951, \$3150 a year (10-24-51).
- OHLER, EDWIN A., Assistant Professor of Physiology, in the College of Medicine, January 1-August 31, 1952, to render service during the academic year, \$4900 a year, supersedes (11-8-51).
- OLSEN, CHARLES E., Instructor in Mathematics, in the Undergraduate Division in Chicago, for the academic year beginning September 1, 1951, on full time for the first semester, \$2450, and on three-fourths time for the second semester, \$1825, supersedes (10-8-51).
- PEARLMAN, ROSALIND S., Instructor in Social Work, in the Chicago Professional Colleges, November 19, 1951-August 31, 1952, \$3780 a year (10-22-51).
- PERKINS, ALFRED J., Associate Professor of Chemistry, in the College of Pharmacy, on indefinite tenure beginning October 1, 1951, to render service during each academic year, \$6500 a year, supersedes (11-1-51).

- PUESTOW, ROBERT C., Clinical Assistant in Medicine, in the College of Medicine, eleven months beginning October 1, 1951, without salary (11-3-51).
- RAMASWAMI, DASU, Research Assistant in Pathology, in the College of Medicine, October 15, 1951-August 31, 1952, \$4000 a year (10-22-51).
- RIX, DOLORES M., Research Assistant in Medicine, in the College of Medicine, nine months beginning December 1, 1951, \$3400 a year (11-8-51).
- ROBACK, GEORGE S., Research Associate in Clinical Science, in the College of Medicine, ten months beginning November 1, 1951, without salary (11-15-51).
- ROGERS, RAMONA JEAN, Research Assistant in the Bureau of Economic and Business Research, September 16, 1951-August 31, 1952, \$3200 a year, supersedes (10-24-51).
- ROOSE, ROBERT W., Research Assistant Professor of Mechanical Engineering (S), ten months beginning November 1, 1951, \$6220 a year, supersedes (11-8-51).
- SAMTER, MAX, Associate Professor of Medicine, in the College of Medicine, on nine-tenths time, on indefinite tenure beginning November 1, 1951, \$7700 a year, supersedes (11-16-51).
- SCHWETZ, MICHAEL J., Research Assistant in Psychology, in the Graduate College, one year beginning September 1, 1951, \$4600, supersedes (10-24-51).
- SHULER, ROBERT G., Instructor in Art, in the Undergraduate Division in Chicago, for the second semester of the academic year beginning February 1, 1952, \$2050 (11-15-51).
- SKLANSKY, MORRIS A., Clinical Instructor in Psychiatry, in the College of Medicine, eleven months beginning October 1, 1951, without salary (10-27-51).
- SPELLBERG, MITCHELL A., Clinical Associate Professor of Medicine, in the College of Medicine, on indefinite tenure beginning November 1, 1951, without salary, supersedes (11-16-51).
- STELLING, MRS. LOIS B., Instructor in Mathematics, in the Undergraduate Division in Chicago, for the academic year beginning September 1, 1951, on full time for the first semester, \$308.33 a month, and on three-fourths time for the second semester, \$229.17 a month, supersedes (10-8-51).
- STOLUROW, LAWRENCE M., Research Associate in Psychology, in the Graduate College, one year beginning September 1, 1951, \$7880, supersedes (11-3-51).
- WATRACH, ADOLF M., Instructor in Veterinary Pathology and Hygiene, in the College of Veterinary Medicine, November 9, 1951-August 31, 1952, \$4000 a year (11-15-51).
- WORTH, WILLARD J., Research Assistant in the Small Homes Council, November 1, 1951-June 14, 1952, \$325 a month, supersedes (10-24-51).
- ZWEMER, JACK, Research Assistant in Bacteriology, in the College of Medicine, on 67/100 time, one year beginning September 1, 1951, \$3600 (11-1-51).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- BAKER, MURIEL, United State Public Health Service Fellow in Psychology, in the College of Medicine, one year beginning September 1, 1951, \$2000 (10-17-51).
- BOLOTEN, MARTIN, Fellow in Physics, nine months beginning September 16, 1951, \$850, supersedes (11-14-51).
- CHODORKOFF, BERNARD, United States Public Health Service Fellow in Psychology, in the College of Medicine, one year beginning September 1, 1951, \$2000 (10-17-51).
- FISHER, WALTER, United States Public Health Service Fellow in Psychology, in the College of Medicine, one year beginning September 1, 1951, \$2000 (10-17-51).
- LANE, ARDELLE, National Cancer Institute Research Fellow in Clinical Science, in the College of Medicine, six months beginning October 1, 1951, \$100 a month, supersedes (10-17-51).
- MARAMBA, LOURDES R., Smith, Kline, and French Research Fellow in Pharmacology, in the College of Medicine, nine months beginning October 1, 1951, \$150 a month (10-16-51).
- WANG, RICHARD I. H., Abbott Laboratory Research Fellow in Pharmacology, in the College of Medicine, one year beginning September 1, 1951, \$1500 (10-16-51).

RESIGNATIONS AND DECLINATIONS

- BIRCH, SHIRLEY, Fellow in Education, in the Graduate College—resignation effective 9-16-51.
- COHEN, LEROY M., Special Research Assistant in the Small Homes Council—resignation effective 10-18-51.
- COOKE, PAULINE, Clinical Instructor in Psychiatry, in the College of Medicine—resignation effective 10-1-51.
- FERAUT, ALAIN, Fellow in Economics, in the Graduate College—resignation effective 9-16-51.
- FORTNEY, JEAN D., Microanalyst in Chemistry—resignation effective 11-1-51.
- GLUPKER, HENRY, Associate Professor of Full and Removable Partial Dentures, in the College of Dentistry, and Prosthodontist to the Cleft Palate Training Program, in the Division of Services for Crippled Children—declination effective 9-1-51.
- HAWKINS, EDWARD, Instructor in Applied Materia Medica and Therapeutics, in the College of Dentistry—declination effective 9-1-51.
- HOWARD, ANGELINE A., Instructor in Occupational Therapy, in the College of Medicine—resignation effective 10-20-51.
- MCCLEARY, GORDON L., Assistant Editor, with the rank of Instructor, in the College of Veterinary Medicine—resignation effective 10-26-51.
- MCLEAN, ANGUS F., Instructor in Veterinary Clinical Medicine, in the College of Veterinary Medicine—resignation effective 11-11-51.
- MYERS, JOHN J., Research Associate in Electrical Engineering, in the Engineering Experiment Station—resignation effective 10-1-51.
- PETERSEN, ELIZABETH M., Infrared Spectroscopist in the Department of Chemistry—resignation effective 11-1-51.
- PRADEL-VALLEJO, ELSA V., Fellow in Bacteriology, in the Graduate College—resignation effective 9-1-51.
- RICHARDS, EMILY M., Catalog Assistant in the Library—resignation effective 1-1-52.
- SASSOON, SALMAN H., Fellow in Civil Engineering, in the Graduate College—resignation effective 9-16-51.
- SCHOEN, MRS. ELIZABETH, Research Assistant in Bacteriology—resignation effective 11-1-51.
- SILBERG, SIDNEY S., Instructor in General Engineering Drawing, in the Undergraduate Division in Chicago—resignation effective 10-31-51.
- STALLINGS, ROBERT L., JR., Instructor in Accountancy, in the Department of Business Organization and Operation—declination effective 9-1-51.
- STROUP, HERMAN L., Fellow in Music—resignation effective 10-20-51.
- VASSALOTTI, ALFRED, Fellow in Mathematics, in the Graduate College—resignation effective 9-16-51.

LEAVES OF ABSENCE

- BAUER, FREDERICK C., Professor of Soil Fertility (Agronomy), in the College of Agriculture and in the Agricultural Experiment Station—leave of absence, with salary, August 22-October 22, 1951, because of disability.
- BOOTH, ALFRED W., Associate Professor of Geography—leave of absence, with full pay, November 17-December 2, 1951, for military service.
- CHANDLER, MRS. MARGARET K., Assistant Professor of Sociology, and Research Assistant Professor in the Institute of Labor and Industrial Relations—leave of absence, July 30-October 18, 1951, because of disability.
- COTTRELL, FRANCES E., Assistant in Botany—leave of absence, with pay, April 27-June 15, 1951, and without pay, June 15, 1951, until further notice, because of illness.
- DUFFIELD, ROBERT B., Associate Professor of Chemistry, in the College of Liberal Arts and Sciences, and Associate Professor of Physics, in the College of Engineering—leave of absence, without salary, four months beginning October 1, 1951, so that he may serve at the Brookhaven National Laboratory in a classified AEC project.

SCHRAMM, WILBUR, Research Professor of Journalism and Communications, Director of the University Press, and Dean of the Division of Communications — leave of absence, November 16-December 5, 1951, for services on a research project for the Department of the Army.

ZOLT, NATHAN, Clinical Instructor in Neurology, in the Department of Neurology and Neurological Surgery, in the College of Medicine — leave of absence, October 1, 1951-August 31, 1952, without salary.

DECEMBER MEETING

An invitation from Mr. Weldon, Treasurer, to hold the next meeting of the Board of Trustees at the First National Bank of Chicago and to be guests of the Bank at luncheon was accepted.

On motion of Mr. Johnston, the Board of Trustees voted to hold its next meeting at the First National Bank of Chicago on Monday, December 17, 1951, beginning at 12:30 p.m.

On motion of Mr. Grange, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

December 17, 1951



The December meeting of the Board of Trustees of the University of Illinois was held in the First National Bank of Chicago, on Monday, December 17, 1951, beginning at 11:30 a.m.

The following members of the Board were present: President Livingston, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Megran, Mr. Nickell, and Mrs. Watkins.

Also present were President George D. Stoddard, Provost Coleman R. Griffith, Vice-President A. C. Ivy, Mr. Ralph F. Lesemann, Legal Counsel, Mr. J. F. Wright, Director of Public Information, Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of October 23, 1951, press proof copies of which had been sent to all members of the Board in advance.

On motion of Mr. Johnston, the minutes were approved as printed on pages 1253 to 1287, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following reports and recommendations from the President of the University.

APPOINTMENTS TO THE FACULTY

(1) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. GILBERTO BERNARDINI, Research Professor of Physics, beginning November 1, 1951, at an annual salary of \$9,000 (D).

2. FRANCIS WILLIAM LOGAN, Assistant Professor of Hygiene and Medical Adviser for Men, beginning February 1, 1952, at an annual salary of \$8,000 (DY).

3. MARIE WAITE, Assistant Professor, School of Social Work, Chicago Professional Colleges, beginning January 1, 1952, at an annual salary of \$4,904 (DY).

The Director of Nonacademic Personnel reports the following appointment to a supervisory position of upper level responsibility:

1. LYNN A. COLLINS, Supervising Accountant in the Chicago Business Office, beginning October 29, 1951, at an annual salary of \$4,920.

On motion of Mrs. Watkins, these appointments were confirmed.

LEAVE OF ABSENCE FOR DR. DAVID E. LINDSTROM

(2) Dr. David E. Lindstrom, Professor of Rural Sociology, has been invited to accept a temporary appointment on the staff of the International Christian University in Japan.

I recommend that he be given a leave of absence without pay for a period of three years from January 1, 1953, so that he may accept this assignment. This will be an important service to a new University now being developed in Japan under the presidency of Dr. Hachiro Yuasa, a graduate of the University of Illinois.

On motion of Mr. Nickell, this leave was granted.

LEAVE OF ABSENCE FOR DR. A. C. IVY

(3) On his request, I have granted Dr. A. C. Ivy a leave of absence from his administrative position as Vice-President in Charge of the Chicago Professional Colleges for two months beginning January 1, 1952, with the understanding that he will continue his work as Distinguished Professor of Physiology and as Head of the Department of Clinical Science in which capacities he will be free to work intensively on his research programs. No change of salary is proposed.

I recommend that Dean E. R. Serles, as the senior dean of the Chicago Professional Colleges, be designated as the over-all administrative officer for these Colleges during the two-month period, without change in salary or title.

On motion of Mrs. Holt, the President's action was confirmed and his recommendation for the designation of Dean Serles as the administrative officer for the Chicago Professional Colleges for two months beginning January 1, 1952, was approved.

HEARING COMMITTEE ON DISCHARGE OF ROBERT TAYLOR

(4) It is recommended that the Committee appointed by the Board of Trustees on November 23, 1951, to hear the charge against Robert Taylor, kitchen laborer in the Housing Division, be discharged. Mr. Taylor has reconsidered his request for this hearing and has resigned effective at the close of business October 31, 1951, his last day of service. This action eliminates the necessity for a hearing.

On motion of Mr. Megran, the Committee was discharged from its assignment.

**CHANGE IN GENERAL EDUCATION REQUIREMENTS
FOR BACHELOR OF ARTS DEGREE**

(5) In partial fulfillment of the requirements for the Bachelor of Arts degree students in the general curriculum in Liberal Arts and Sciences are now required to complete at least an eight-semester-hour sequence of courses in each of these areas: (a) humanities, (b) biological science, (c) physical science, and (d) social science.

The Faculty of the College and the University Senate recommend a modification of these general education requirements so that instead of any one of the eight-semester-hour sequences required in the areas specified, one approved six- or seven-hour sequence will be accepted, but not earlier than the sophomore year. This slight relaxation will offer students a wider selection of suitable sequences of two three-hour upper-class courses in fulfillment of the general education requirements. It will not affect the requirements relating to major and minor fields of study nor will it reduce the total number of hours required for graduation.

I concur.

On motion of Mr. Herrick, this recommendation was approved.

CHANGE IN REQUIREMENTS FOR ADMISSION TO COLLEGE OF DENTISTRY

(6) The present requirements for admission to the College of Dentistry include twelve semester hours of chemistry of which four shall be organic chemistry. The Faculty of the College and the University Senate recommend that effective in September, 1953, the preprofessional chemistry requirements for admission to the first-year class in dentistry shall include a course in quantitative analysis carrying at least three semester hours of credit, in addition to the four semester hours of organic chemistry. The intent of this change is not to increase the minimum of twelve semester hours of chemistry required but only to specify that quantitative analysis shall be included in the preprofessional preparation in chemistry.

I concur.

On motion of Mr. Johnston, this recommendation was approved.

SCHOLASTIC REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN DENTISTRY

(7) The requirements for the degree of Bachelor of Science in Dentistry include a provision that a candidate must "have grades of C or better in at least three-fourths of the total hours taken in the College and counted toward the degree."

The Faculty of the College and the University Senate recommend that this requirement be changed to provide that "the candidate must have an average of C or better in the total number of hours completed in the College of Dentistry," effective in September, 1953. This requirement is already in effect for candidates for the degree of Doctor of Dental Surgery.

I concur.

On motion of Mr. Fornof, this recommendation was approved.

POSTGRADUATE CURRICULA IN DENTISTRY

(8) The faculty of the College of Dentistry and the University Senate recommend authorization of three postgraduate curricula as follows:

Postgraduate Curriculum in Orthodontia

Selected students desiring to pursue an organized curriculum in orthodontia will be accepted on a postgraduate status for a period of three quarters beginning with the fall quarter. These three quarters embrace all technical instruction and a significant amount of clinical work. In addition, the student is required to register in Advanced Oral Histology and Advanced Anatomy as well as in certain minor courses which must be placed early in his professional training.

At the end of the third quarter of residence each student desiring to work toward a graduate degree will apply for admission to the Graduate College according to established procedure, and if accepted will follow the approved curriculum leading to a Master of Science degree in orthodontia. The usual requirements for the Master of Science degree prevail. Three units of credit toward the master's degree will be allowed for the work described above.

Those students who do not elect or who are not found qualified by the staff to pursue graduate work may continue to register for an additional three quarters as postgraduate students, the first quarter of which must be on a full-time basis. Such students are required to prepare and submit an essay on some aspect of orthodontia or an associated field in order to qualify for the certificate of the department. Both graduate and postgraduate students continue clinical work during the last three quarters.

Course and Program Requirements:

Orthodontic technics, two quarters; orthodontic seminar, three quarters; diagnosis and analysis of malocclusion, six quarters; advanced oral histology, three quarters; orthodontic clinic, five quarters; gross anatomy, one quarter; individual library research, two quarters; thesis, one quarter.

Essay Requirement: A critical paper on some phase of orthodontia or related subject.

Time Requirements: Six quarters of the organized postgraduate program.

Recognition: A certificate will be awarded upon completion of all requirements.

Postgraduate Curriculum in Pedodontics

Selected students desiring to pursue an organized curriculum in pedodontics will be accepted on a postgraduate status for a period of three quarters. These three quarters embrace all technical instruction, a significant amount of clinical work, and certain major and minor courses, which must be placed early in the professional training.

At the end of the third quarter of residence each student desiring to work toward a graduate degree will apply for admission to the Graduate College according to established procedure, and if accepted will follow the approved curriculum leading to a Master of Science degree in pedodontia. Three units of credit toward the master's degree will be granted for the work described above. Those students who do not elect or who are not found qualified to pursue graduate work may continue to register for an additional quarter as postgraduate students. Such registration must be on a full-time basis. The program in such a case consists of additional clinical work and the pursuit of certain minor courses at the postgraduate level. Students in this category will be eligible for the certificate of the department upon completion of the four quarters of work.

Course and Program Requirements:

Pedodontics technics, three quarters; pedodontics seminar, three quarters; pedodontics clinic, three quarters; applied anatomy and growth of head, three quarters; dental pediatrics, three quarters; oral histology, one quarter; oral pathology, two quarters; pedodontics research, one quarter; pedodontics seminar, one quarter.

Time Requirements: Four quarters of the organized postgraduate program.

Recognition: A certificate of the department will be awarded.

Postgraduate Curriculum in Oral Surgery

Selected students desiring to pursue an organized curriculum in oral surgery will be accepted on a postgraduate status for a period of three quarters beginning with the fall quarter.

At the end of the third quarter of residence each student will be granted a certificate and those desiring to work toward a graduate degree will apply for admission to the Graduate College according to established procedure and if accepted will follow the curriculum leading to a Master of Science degree in oral surgery. Three units of credit toward the master's degree will be granted for the work described above. Students not accepted will not be allowed to register for further postgraduate work.

Course and Program Requirements:

Oral surgery clinic, three quarters; oral surgery seminar, three quarters; applied pathology, two quarters; general histology, two quarters; osteology, one quarter; oral histology seminar, two quarters; tumor clinic, one quarter; oral pathology, one quarter; advanced oral histology, one quarter; gross anatomy (head and neck), one quarter.

Time Requirements: Three quarters of the organized postgraduate curriculum.

Recognition: A certificate of the department will be awarded for three quarters of work.

The complete details of this program are being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

ADMISSION OF NONRESIDENTS OF ILLINOIS

(g) On April 24, 1947 (Minutes, page 349), the Board of Trustees authorized a "Progressive Admissions Plan" to utilize the University's capacities effectively during the postwar influx of students. The plan restricted the admission of non-residents of Illinois to new freshmen who ranked in the upper 25 per cent of their high school graduating class and of transfer students to those with not less than a 4.0 (B) average in previous college work in terms of the grading system of the University of Illinois.

On February 17, 1949 (Minutes, page 244), the Board of Trustees substantially rescinded the "Progressive Admissions Plan" because it was possible to admit all residents of Illinois who qualified under the former system.

With respect to nonresidents of Illinois the admission of new freshmen is now restricted to students who rank in the upper 50 per cent of their high school graduating class and to transfer students who have a scholastic average of at least 3.5 (halfway between B and C) in previous college work. These actions were administrative measures related to emergency conditions.

The University Senate Committees on Admissions from Secondary Schools and Admissions from Higher Institutions have recently studied the requirements governing the admission of nonresidents of Illinois. On the joint recommendation of these Committees the University Senate recommends to the Board of Trustees that effective with the first semester after official action is taken:

(1) A nonresident of Illinois seeking admission as a freshman must rank in the upper 75 per cent of his high school graduating class.

(2) A nonresident of Illinois seeking transfer to any undergraduate curriculum must present a scholarship average of at least 3.0 in terms of the grading system of the University of Illinois.

I concur and recommend that these changes become effective beginning the second semester of 1951-1952.

On motion of Mr. Johnston, this recommendation was approved.

CHANGE IN REQUIREMENTS IN PHYSICAL EDUCATION FOR MEN

(10) The Department of Physical Education for Men has been experimenting with the use of the Illinois Motor Fitness Test as a motivating device instead of using it to classify students in the general service program of physical education (as distinguished from the professional curriculum in physical education), which was the original purpose of the requirement. Now all men students registered in freshman and sophomore physical education service classes take the Motor Fitness Test as part of the exercise program of each course. Those failing to achieve satisfactory scores are assigned to a course in developmental activities, unless they have already received credit for such training. This method of using the Motor Fitness Test has proved to be better than the former method used because the test serves as a constant motivation for maintenance of physical fitness.

The Physical Education for Men staff meets all freshmen students in small groups (twenty-five to thirty) during Freshman Week preceding registration for an orientation and guidance session which helps students in understanding the physical education requirements. It also helps them to appreciate the opportunities available in the physical education program and guides them in selection of activities.

The Director of the School of Physical Education recommends that the present requirement that all undergraduate men students, with certain exceptions, be required to take a motor fitness test before registering in the University, which requirement was adopted by the Board of Trustees on April 18, 1946, at the request of the School of Physical Education and the Department of Physical Education for Men, be rescinded.

I concur.

On motion of Mr. Hickman, this recommendation was approved.

PETTY CASH FUND FOR CIVIL ENGINEERING SURVEYING CAMP

(11) The University of Illinois maintains a Civil Engineering Surveying Camp near Blackduck, Minnesota. The camp is operated during the summer to provide field experience for civil engineering students.

Financial operations of the camp can be expedited if a petty cash account is established in a bank at Blackduck, Minnesota. The Comptroller recommends an appropriation of \$400 as the working capital for such an account and the approval of the Blackduck State Bank as the depository. The Treasurer of the Board of Trustees concurs in the recommendation of this bank as the depository. I concur.

On motion of Mr. Hickman, the Blackduck, Minnesota State Bank was approved as the depository for the Civil Engineering Surveying Camp petty cash fund, and an appropriation of \$400 was made from the General Reserve Fund to provide the working capital for this account. This action was taken by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Stevenson.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(12) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

Chicago Professional Colleges and Chicago Undergraduate Division

1. Equipment for the Department of Neurology and Neurological Surgery.....\$ 2 500
2. Remodeling in the Department of Anatomy..... 3 300
3. Cages for the Animal Hospital..... 1 800
4. Crating and shipping of research equipment for the Department of Physical Medicine..... 2 000
5. Remodeling at the Chicago Undergraduate Division to provide quarters for Air Force R.O.T.C..... 6 425
6. Equipment for the Chicago Professional Colleges..... 22 700
 - College of Dentistry.....\$ 4 500
 - College of Medicine..... 7 000
 - College of Pharmacy..... 11 200

Urbana-Champaign Campus

7. Remodeling in Horticulture Field Laboratory for the Department of Food Technology 6 200
8. Equipment (rolling mill) for the Department of Mining and Metallurgical Engineering 9 000
- Total*\$53 925

I recommend that these appropriations be made from the General Reserve Fund.

On motion of Mr. Johnston, these appropriations were made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Stevenson.

CONTRACT FOR DEMOLITION OF BUILDINGS TO CLEAR SITE OF EAST DENTISTRY-MEDICINE-PHARMACY BUILDING, CHICAGO

(13) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$2,567 to the McKay Contractors, Chicago, the lowest bidder, for demolition of buildings at 818, 830, and 910 South Hermitage Avenue to complete clearance of the site for the East Dentistry-Medicine-Pharmacy Building. The Board of Trustees on November 23, 1951, approved a contract for the demolition of seventeen other buildings in this area.

Funds are available in the state appropriation for the construction of the East Dentistry-Medicine-Pharmacy Building and have been released by the Governor.

I recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Nickell, this contract was authorized.

**CONTRACT FOR REPLACEMENT OF EXTERIOR DOORS IN BUILDINGS
ON CHICAGO PROFESSIONAL COLLEGES CAMPUS**

(14) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$6,978 to the Mueller Construction Company, Chicago, the lowest bidder, for replacement of metal doors in buildings on the Chicago Professional Colleges campus. A number of the exterior metal doors have deteriorated to such an extent that it is more economical to replace them than to remove, repair, and refinish them.

Funds are available in the Physical Plant Department budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, this contract was authorized.

**PURCHASE OF 1103 WEST GREEN AND
1108 WEST ILLINOIS, URBANA**

(15) The University has an opportunity to purchase the property at 1103 West Green Street, Urbana, immediately east of the Student and Staff Apartments, and at 1108 West Illinois Street (contiguous properties), the latter adjoining University property at 1110 West Illinois. The price is \$72,875, payable \$20,000 on conclusion of a contract, and the balance on or before June 30, 1953, with interest at 4 per cent on the unpaid balance.

This property is in the probable zone of University expansion on the east side of the campus. It has 74.75 feet frontage on each street and is 461.6 feet deep. It is improved with two frame houses in reasonably good condition. The property has been appraised at \$66,000 but the owners will not accept less than \$72,875. This price is reasonable in comparison with other property purchases made by the University. The land will ultimately be needed for additional parking space for the Student and Staff Apartments, particularly when the parking area on the north side of Green Street is required for building construction. The two houses can be used as cooperative houses.

Funds for the initial payment required for this purchase are available in funds received by the University of Illinois Foundation from the sale of prefabricated houses and held by the Foundation for the University. The balance would have to be met from nonrecurring funds later in the current biennium, 1951-1953. This purchase is recommended by the Chairman of the University Building Program Committee (faculty committee), the Provost, the Director of the Physical Plant, and the Comptroller.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to conclude the necessary contract and that funds required for the initial payment be assigned from moneys held by the University of Illinois Foundation for the University.

On motion of Mr. Johnston, the purchase of these properties was authorized by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Stevenson.

RELEASE OF PATENTABLE DISCOVERY

(16) Associate Professor George B. Clark of the Department of Mining and Metallurgical Engineering reports the invention of a new type of manometer designed to measure average velocities of air in closed ducts.

In the judgment of other experts, although this design is most ingenious, the potential market for such a device is very limited. In a period of two or three years, probably not more than fifty units would be purchased.

Under the circumstances, the University Patent Committee and the Chairman of the University Research Board do not believe that the University would be justified in expending the money to secure the patent and they, therefore, recommend release of the patent rights to Professor Clark.

I concur.

On motion of Mr. Hickman, this recommendation was approved.

USE OF UNIVERSITY PREMISES FOR ADDRESSES BY CANDIDATES FOR PUBLIC OFFICE

(17) On December 3, 1951, the University Senate approved for transmission to the Board of Trustees the following resolution concerning political speakers:

"Resolved: That the Senate of the University of Illinois favors the use of university buildings, grounds, and facilities by or on behalf of candidates for nomination or election to state or national offices, subject to the following regulations:

"1. The speaker shall be a member of a political party having legal status in the State of Illinois.

"2. The speaker shall be sponsored by a recognized student organization, a faculty group, or a University Department."

This resolution was discussed fully at the meeting of the University Senate and was passed by an overwhelming majority. This matter has come before the Board previously, at the request of the Student Senate, representative of all undergraduate students at Urbana-Champaign, in essentially the same form.¹

It is clear from these actions of the student and faculty bodies that it is not the intention to use University buildings for political purposes, but for the enlightenment of students and staff members with respect to state and national issues. I know the attitude of the faculty well enough to state that it is solidly opposed to any form of political interference with policy-making or administration in the University of Illinois.

I concur in the recommendation of the University Senate.

If the Board approves, I shall seek the advice of the Institute of Government and Public Affairs on the occasion of each such address, but final approval would rest in the office of the President of the University.

On motion of Mr. Hickman, this recommendation was disapproved. Mrs. Watkins voted "no" on this motion. Messrs. Livingston and Megran asked to be recorded as not voting.

PURCHASES

Purchase Authorized

(18) The following purchase was authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Two each 511AD Tektronix Company oscilloscopes	Physics	Everett Associates, Chicago	\$3 975 00 f.o.b. Portland, Oregon
Two each 511A Tektronix Company oscilloscopes			

On motion of Mr. Hickman, this purchase was approved.

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One vibrating Reed electrometer with accuracy limits 0.2 to 1 per cent	Radiocarbon Laboratory	Applied Physics Corp., Pasadena, Calif.	\$2 800 00 f.o.b. Pasadena, Calif.
One multiple range recorder adapted for use with electrometer			
One turret switch			
One 36' x 36' prefabricated metal building, to be erected for use as Central Receiving Station warehouse	Business Office	Lewis S. Colbert, Champaign	6 500 00 f.o.b. Urbana
Three English Bibles printed in the sixteenth century, one outstanding phrase-book of the fifteenth century, and one sixteenth century grammar for the rare book collections	Library	Rosenbach Co., Philadelphia, Pa.	6 013 00

¹ See minutes of meetings of the Board of Trustees, April 19, May 19-20, and July 25, 1950.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One truck, one and one-half or two-ton capacity, with 12' stake body, 4' sides, 7" hydraulic hoist, 750 x 20 tires ten-ply rear and 750 x 20 eight-ply tires front, two-speed rear axle, heater and defroster	Horticulture	Sullivan Chevrolet Co., Champaign	2 608 47 f.o.b. Urbana
100,000 gallons (approximately) 80 octane aviation gasoline	Institute of Aviation	Shell Oil Co., Chicago	23 586 00 f.o.b. delivered
20,000 gallons (approximately) 91 octane aviation gasoline			

On motion of Mr. Hickman, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(19) The Comptroller's report of contracts executed during the period November 1 to 30, 1951.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Abbott Laboratories	Study of arsenic acid	\$ 2 000 00	November 14, 1951
Commercial Solvents Corporation	Study of rheumatoid arthritis	11 000 00	September 14, 1951
United Cerebral Palsy Association, Inc.	Study of neuropharmacological treatment of cerebral palsy	10 000 00	October 22, 1951
Sharp and Dohme, Inc.	Study of relaxant agents on skeletal muscle	5 500 00	October 1, 1951
Ohmite Manufacturing Company	Study of ceramic resistors	10 000 00	October 25, 1951
National Dairy Council	Study of nutritive value of butterfat in experimental animals	3 000 00	September 16, 1951
Avoca, Illinois Board of Education	Survey of enrollment and building facilities	350 00	November 9, 1951
Johns Hopkins University	Subcontract on Nonr-248 (18)	21 479 00	August 15, 1951
United States Department of Agriculture	Cooperative program for foreign visitors study	Rates per contract	May 7, 1951
Economic Cooperation Administration	Cooperative program for foreign visitors study	Rates per contract	April 1, 1951
United States National Bureau of Standards	CST — 706	30 000 00	June 28, 1951
United States Army	DA-49-007-MD-226	6 047 00	September 1, 1951
United States Army	DA-11-009-QM-10570	11 000 00	May 23, 1951
United States Army	DA-49-007-MD-216	7 500 00	July 1, 1951
United States Air Force	AF 33 (038)-26990	6 700 00	May 29, 1951
United States Navy	N 6008-P-17986	2 000 00	July 1, 1951
United States Navy	N 6008-P-19286	87 120 00	September 1, 1951
United States Navy	N 601-07135	29 836 00	September 10, 1951
United States Navy	N 601-07136	17 100 00	August 31, 1951
United States Navy	N onr-565(00)	18 000 00	September 10, 1951
United States Navy	N onr-534(00)	58 000 00	February 1, 1951
Veterans Administration	V 3028 V-1744	Rates per contract	September 17, 1951
Veterans Administration	V 3028 V-1742	Rates per contract	July 1, 1951
Veterans Administration	V 3028 V-1741	Rates per contract	June 11, 1951
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Haughton Elevator Co.	Replacement of elevator gate in dining hall of Illinois Surgical Institute	\$421 60	September 28, 1951
Montgomery Elevator Co.	Install elevator gate in Illinois Surgical Institute	440 00	September 28, 1951
Frank Staar and Sons, Inc.	Recoat section of roof of the Chicago Illini Building	417 00	October 23, 1951
Joseph Goder, Inc.	Repair incinerator in Dentistry-Medicine-Pharmacy Building	879 00	October 19, 1951
Flynn Fence and Supply Company	Construct chain-link fence on vacant lot on land owned by Medical Center Commission	594 00	November 1, 1951

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Cameron Heartometer Manufacturing Co.	Study of heart-o-grams	\$ 1 000 00	November 15, 1951
United States Air Force	AF 33 (038) — 12880 Supplement #3	44 275 00	June 4, 1951
United States Army	DA-44-009-eng. 20 Modification #1	10 000 00	July 1, 1951
United States Air Force	W-33-038-ac-20779 Change order #9	4 889 00	December 30, 1950
United States Navy	N 6 ori-71 Task 11 Amendment #13	10 000 00	September 30, 1951
United States Navy	N 6 ori-07127 Amendment #2	9 965 00	August 31, 1951

Adjustments Made in Authorizations Issued Under 1950-1951 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Reliable Plumbing and Heating Company	708 S. Mathews Avenue remodeling	486 43 ¹	October 22, 1951
	601 E. John Street remodeling	537 10 ¹	October 31, 1951
	Sub-total	(1 023 53) ¹	
Schroeder's	708 S. Mathews Avenue remodeling	19 79	November 5, 1951
	Sub-total	(19 79)	
Square Deal Electric	708 S. Mathews Avenue remodeling	212 69 ¹	November 7, 1951
	Sub-total	(212 69) ¹	

Adjustments Made in Authorizations Issued Under 1951-1952 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson's Electric	708 S. Mathews Avenue remodeling	\$1 397 63	November 7, 1951
	Sub-total	(1 397 63)	
Reliable Plumbing and Heating Company	Changes in administrative offices	550 00	November 26, 1951
	Sub-total	(550 00)	

This report was received for record.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(20) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard examination given in November, 1951, and who have fulfilled all other legal requirements under Section 2 of the Illinois Accountancy Act of 1943:

TED TOZER ALLSUP (Bloomington)	PAUL ELBA CLEER (Chicago)
PHILLIP IRVING ALPERN (Chicago)	CHARLES FRANK CLEMINS (East St. Louis)
ROY E. ANDERSON (Chicago)	MELVIN COHEN (Chicago)
THEODORE WILLIAM ANDERSON (Chicago)	MORRIS DAVID COHEN (Chicago)
ELLSWORTH LEO BABLER (Chicago)	ROBERT BURTON CONCANNON (Chicago)
MORRIS BAIM (Chicago)	FRANCIS JOHN CONDON (Cicero)
WILLIAM DENTON BARTH (La Grange)	ROBERT PHILIP COTTLE (Chicago)
ROBERT DAVID BATY (Chicago)	KAY HYMAN COWEN (Chicago)
VICTOR BAUMGART (Palatine)	JACK KENNETH CRILLY (Chicago)
CHARLES BARNES BECKWITH (Chicago)	MAX HAROLD DANZIGER (Chicago)
FRED ELMER BENN (Maywood)	HENRY WINTON DEININGER (Chicago)
MARK HARRY BERENS (Chicago)	EUGENE LOWELL DELVES (Chicago)
JEROME ROBERT BERLIN (Chicago)	DONALD NICHOLAS DISTELDORF (Chicago)
KENNETH WOODHULL BERNHARDT (Brookfield)	JOSEPH BERNARD DOLD (Springfield)
BERNARD JOSEPH BLANDFORD (Chicago)	JOHN DEANE DONAHUE (Urbana)
SOLOMON BLEIWEIS (Chicago)	DEAN HERMAN CHARLES DRENCKPOHL (Chicago)
BERNARD BREGMAN (Chicago)	JOHN CHARLES DUFFY (Bradley)
WILLIAM PETER BRIGHT (Chicago)	WILLIAM CHARLES DUFFY (Chicago)
ROBERT LEE BRUNER (Chicago)	EDWARD JOHN DVORAK (Chicago)
JOHN H. BURGESS (Chicago)	SANFORD HAROLD EBNER (Chicago)
PHYLIS JOAN BURLINE (Chicago)	ALLEN EISENBERG (Chicago)
HENRY HARDY CALVERT (Park Forest)	CHESTER HAROLD ERICKSON (Chicago)
ROBERT FRANCIS CARLSON (Evanston)	LAURENCE JEROME FITZSIMONS (Chicago)
EDWARD PATRICK CARROLL (Chicago)	
WILLIAM JAMES CLEARY (Chicago)	

¹ Deduct.

- WILLIAM PHILIP FORMAN (Chicago)
 JEROME FRANCIS FOSSELMAN (Chicago)
 JAMES KENNETH FOSTER (Chicago)
 IRVING ISAAC GABLER (Chicago)
 CLINTON GERALD GERLACH (Chicago)
 NORMAN MYRON GOLD (Chicago)
 EARL IRWIN GOLDBERG (Chicago)
 MARVIN GORDON (Chicago)
 LEO JOSEPH GORENZ, JR. (Peoria)
 DAVID GREEN, JR. (Chicago)
 VICTOR GREENWALD (Chicago)
 PAUL RAYMOND GROSS (Chicago)
 MERLIN WINFRED GUNDERSON (North
 Pekin)
 WILLIAM H. HARTZELL (Chicago)
 CAROL IRENE HASEMEYER (Chicago)
 CLIFFORD J. HECKERT (Chicago)
 JOSEPH CUNNINGHAM HEIDKAMP
 (Chicago)
 PAUL CARTER HERREID (Chicago)
 JOHN HENRY HOFFMAN (Chicago)
 MORRIS IRVING HONNETT (Chicago)
 BRUCE HOOVER (Evanston)
 JOHN DONALD HURLEY (Chicago)
 HAROLD BERNARD JACOBS (Chicago)
 MARTIN DALE JAHN (Chicago)
 BARBARA JANE JONES (Flossmoor)
 MERLIN JOHN JONES (Chicago)
 GERARD J. KARGL (Chicago)
 HOWARD JEROME KASIK (Berwyn)
 PAUL ARTHUR KASPAR (Riverside)
 BERNARD FRANCIS KEARNEY (Chicago)
 ROBERT PAUL KEEHAN (Chicago)
 BERNARD KLEINMAN (Chicago)
 LEO ANTHONY KNOWLES (Chicago)
 ROBERT EDWARD KOE (Riverside)
 STANLEY JOSEPH KOFFEE (Chicago)
 DONALD ALFRED KRUEGER (Chicago)
 RAYMOND LOUIS KRYSL (Chicago)
 THOMAS DAVID LALLY (Chicago)
 ARTHUR RAYMOND LANDEN (Chicago)
 JOHN PETER LEE (Chicago)
 GEORGE EDWARD LESLIE (Chicago)
 MILTON ARTHUR LEVENFELD (Chicago)
 ALAN J. LIFTON (Chicago)
 RICHARD F. LINDQUIST (Brookfield)
 ROBERT LAURENCE LORIMER
 (Rock Island)
 MARVIN EMANUEL LYSSELL (Round
 Lake)
 GEORGE JUNJI MAGATA (Chicago)
 TROY LOGAN MALLORY (Chicago)
 DONALD L. MARX (Chicago)
 EMMETT JOSEPH McCUE (Chicago)
 FREDERICK HALSEY McELHONE
 (Hinsdale)
 JAMES THOMAS MCGUIRE (Chicago)
 JOHN LEONARD MCKENZIE (Chicago)
 CHARLES LOWRY McLAFFERTY
 (Evanston)
 DORIS ISABELLE McLEAN (Chicago)
 WILLIAM GIBBS MENDELL (Chicago)
- DONALD JEROME MERDINGER (Chicago)
 BERNARD MERKER (Chicago)
 MARVIN ELLIOT MOSS (Glenview)
 ROBERT MAURICE MOSS (Chicago)
 ALFRED ERIC MUELLER (Chicago)
 RICHARD ALBERT NERAD (Westchester)
 WALTER JOHNSON OLIPHANT
 (Arlington Heights)
 WILLIAM LEO O'MEARA (Chicago)
 RICHARD CHARLES PAINE (Decatur)
 WILBERT WALLACE PATE (Arlington
 Heights)
 NORMAN JOSEPH PATINKIN (Chicago)
 THEODORE FRANKLIN PERRINE
 (Chicago)
 DONALD WALTER PETERSON (Chicago)
 FRANK PROWER (Chicago)
 JOSEPH RICHARD RIBORDY (Skokie)
 JOHN RICHARD ROGERS (Chicago)
 DAVID ROSE (North Chicago)
 WILLIAM PAUL ROSENTHAL (Chicago)
 EDWARD GERALD ROTHBLATT
 (Chicago)
 ROBERT LLOYD ROUZE (Rockford)
 BERNARD A. RUBIN (Chicago)
 ROBERT GEORGE SCHAFFER (La Grange
 Park)
 GEORGE CALVIN SCHALLMAN (Chicago)
 EUGENE THEODORE SCHULER (Chicago)
 EARL DAVID SCHWARTZ (Chicago)
 ORVILLE SAUL SHANE (Chicago)
 ALAN WALLACE SHAPIRO (Chicago)
 LOUIS SHAPIRO (Chicago)
 ROBERT DWIGHT SHEARER (Chicago)
 LEO SILVERMAN (Chicago)
 RALPH CHARLES SKONER (Evanston)
 WILLIAM MAX SLOCUM (Chicago)
 IRVING E. SLOTVICK (Chicago)
 CHARLES RALPH SMITH (Chicago)
 FRANK JOSEPH SOBOTKA, JR.
 (Bensenville)
 HAROLD EDWARD SORTOR (Evanston)
 DAVID SAMUEL STERLING (Chicago)
 HAROLD DAVID STERLING (Chicago)
 JEROME HUGH STERN (Chicago)
 CHARLES EDWARD STREMPER
 (Chicago)
 CLIFFORD JAMES SULLIVAN (Oak Park)
 JACK EDWARD SWANSON (Chicago)
 PAUL WILLIAM SWANSON, JR.
 (Chicago)
 WALTER LEE THROGMORTON (Chicago)
 THOMAS BERNARD TOOHEY, JR.
 (Matteson)
 DEAN CALVIN TRACY (East Alton)
 HARRY WILLIAM TURNBLOM
 (Chicago)
 VICTOR LEO VISKAS (Chicago)
 JAMES ARTHUR VOGEL (Wayne)
 JOHN FRED VOKATY (Chicago)
 IRVING HAROLD WALLER (Chicago)
 STANLEY KEITH WEBSTER (Chicago)

RAYMOND GEORGE WEHRMEISTER
(Galesburg)
SOLOMON AARON WEISGAL (Evanston)
BURTON L. WEITZMAN (Chicago)
LEO AKIN WHITLOW (Benton)
THOMAS ADDISON WIGGS (Centralia)
DAVID WITKOV (Chicago)

CARL GERARD WOLF (Chicago)
ROBERT SALEM WOLFE (Chicago)
JOHN JAMES ZAMECNIK (Elgin)
GERALD LOUIS ZIMMT (Chicago)
MAX SAMUEL ZUCKERMAN (Chicago)
JOSEPH J. ZURAWSKI (Chicago)

The Committee on Accountancy recommends that the following persons be awarded the certificate of Certified Public Accountant on the basis of having satisfactorily passed a written examination under Section 4b of the Accountancy Act of 1943, as amended in 1951, given by the Special Board of Examiners:

BERNARD BLUM (Chicago)
EDGAR R. BOURKE (Chicago)
BARTON FULLERTON BOYLE (Macomb)
FRANK GEORGE BRUNINGA (Peoria)
FRANK CLEVELAND BUTTERFIELD
(Chicago)
DAVID LEONARD DAVIS (Chicago)
CLIFFORD E. ESTES (Springfield)
GEORGE E. FLEMING (Chicago Heights)
CARMEN WARREN FRALE (Chicago)
JOSEPH WILFRED FRASER (Chicago)
PHILIP GEORGE GARFINKLE (Chicago)
ADAMS ANDREW JAHNS (Chicago)
FRANK JOHN JANOWIAK (Chicago)
CLIFFORD R. KESLER (Danville)
GEORGE J. KIENER, JR. (Chicago)
HERMAN JOSEPH KILBERG (Chicago)
IRVING FISCHER KRAMER (Chicago)
RICHARD FRANCIS KUHN (Chicago)
ELMER FRANK LAURIN (Arlington
Heights)
ROY C. LINDQUIST (Chicago)
ALFRED THOMAS MACFARLANE
(Chicago)

JOHN FREDERICK MANZ (Arlington
Heights)
EDWARD ANTHONY McNALLY
(Chicago)
ALAN McNAUGHTON (Chicago)
MYER ARCHIE MORRISON (Chicago)
EDWARD J. QUINN (Chicago)
OSCAR A. SAAL (Peoria)
FRANK L. SASSETTI (Chicago)
HAROLD SCHENCKER (Chicago)
FREDERICK SETTERDAHL (Rock
Island)
IRA L. SHAPIRO (Chicago)
FRANK EDWARD SHUDNOW (Chicago)
JACOB DANIEL SIGEL (Chicago)
DANIEL M. SIMON (Chicago)
TIMOTHY JOSEPH SULLIVAN (Oak
Park)
LOYD C. THURSTON (Chicago)
NATHAN EDWARD WALLER (Chicago)
ARTHUR AARON WEINER (Chicago)
JAMES LESLIE ZIEGLER (Chicago)

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
EDWIN CHARLES BERG	Kenosha, Wisconsin	Wisconsin
ELDEN ARLAS EVENSON	Burbank, California	California
HAROLD PHILIP HINES	Kansas City, Kansas	Nebraska
LINN WALKER HOBBS	Detroit, Michigan	Michigan
ABRAHAM ISAACSON	Los Angeles, California	California
ALBERT JOSEPH KAHNWEILER	Chicago, Illinois	District of Columbia
ROBERT PHILIP LITTLEFIELD	Chicago, Illinois	District of Columbia
GEORGE LOUIS	Chicago, Illinois	District of Columbia
HERBERT ARNOLD MAIER	Chicago, Illinois	District of Columbia
CHARLES ALEXANDER McWATERS	Whittier, California	California
HARRY DAVID SELTZER	Los Angeles, California	California

I concur.

On motion of Mrs. Holt, these certificates were awarded.

**GIFT FROM CHEVROLET DIVISION OF THE
GENERAL MOTORS CORPORATION**

(21) The University has received a contribution of \$45,000 from the Chevrolet Division of the General Motors Corporation to pay the expenses of sending the University of Illinois Band to Pasadena, California, for participation in the ceremonies at the Stanford-Illinois game on January 1, 1952, and in other public functions on the West Coast. I have accepted this contribution and now report it for official public record. An official expression of appreciation on behalf of the Board of Trustees is being sent to the executives of the General Motors Corporation.

On motion of Mr. Fornof, the President's action was confirmed and the contribution was accepted.

**REPORT OF GENERAL POLICY COMMITTEE ON TAX STATUS OF
STUDENT AND STAFF APARTMENTS IN URBANA**

Mr. Johnston, for the Committee on General Policy, presented the following report.

On October 23, 1951, the President of the Board referred to the General Policy Committee a letter from Harley H. Harmon, a member of the Urbana Board of Education, dated October 15, 1951, requesting that the Board of Trustees make "payments in lieu of taxes" on the Student and Staff Apartments at Green and Goodwin, Urbana. The Committee referred this matter to the Comptroller for discussion with the Legal Counsel and the Director of the Physical Plant.

The first requisite to consideration of payment for services is that the property be exempt from taxation. The Student and Staff Apartments have been now assessed for taxes for 1951 and the Board of Review has confirmed this assessment over the University's objection, reversing its action on the same question a year ago on the first unit, title to which is held in trust by the University of Illinois Foundation. The second unit, title to which is held by the University, is assessed for the first time this year. If this ruling stands, the University will have to pay taxes on the property and can not make other payments for services. It is the opinion of the Legal Counsel that the property is tax exempt and it is highly important that this status be firmly established.

In consideration of the foregoing, the General Policy Committee recommends:

1. That the Board of Trustees direct the University Legal Counsel to take any and all steps that he considers necessary or desirable to establish and maintain the tax exempt status of the Student and Staff Apartments.

2. That University officers then continue their study to ascertain what services are rendered to the University by local taxing bodies and what would constitute proper compensation for such services, and make recommendations thereon to the President of the University.

On motion of Mr. Johnston, the report of the Committee was adopted and the recommendations were approved.

DEATH OF MR. ORVILLE M. KARRAKER

The Secretary reported that word had been received of the death on December 16, 1951, at Dixon, of Mr. Orville M. Karraker, a former member of the Board.

On motion of Mr. Nickell, the Secretary was directed to prepare a memorial resolution for adoption by the Board at its next meeting.

**MEMBERS OF GENERAL ASSEMBLY TO BE GUESTS
OF THE BOARD OF TRUSTEES**

On motion of Mrs. Watkins, the Secretary was instructed to invite State Senator Everett R. Peters, Representatives Charles W. Clabaugh, Ora D. Dillavou, and Paul Stone of the Twenty-fourth Senatorial District of Illinois to be the guests of the Board of Trustees at luncheon at its next meeting.

JANUARY MEETING

On motion of Mr. Herrick, the Board voted to hold the January meeting on Monday, January 21, 1952, at the Chicago Undergraduate Division, Chicago, Illinois, the hour to be determined by the President and Secretary of the Board.

**APPRECIATION TO THE OFFICERS OF THE
FIRST NATIONAL BANK OF CHICAGO**

On motion of Mr. Johnston, the Secretary was instructed to write to the President of the First National Bank of Chicago expressing the appreciation of the Board for the hospitality of the officers of the Bank.

LETTERS FROM LABOR ORGANIZATIONS

President Livingston announced that he had received letters from the Second Vice-President of the International Union of Operating Engineers concerning the status of a former employee at the Chicago Undergraduate Division, and from the Representative of the University of Illinois Employees Union 698, American Federation of State, County, and Municipal Employees on the subject of merit increases for the nonacademic staff. Mr. Livingston stated that these letters were being referred to the Committee on Nonacademic Personnel.

EXECUTIVE SESSION

At the request of Mr. Fornof, the Board considered the following matters of business in Executive Session.

**REPORT OF THE FINANCE COMMITTEE ON
REQUEST OF MRS. SARAH GRIMM**

Mr. Fornof, for the Finance Committee, presented the following report.

At the meeting of the Board of Trustees on September 19, 1951, Mr. Herrick reported that Mr. Marshall Miller, Attorney, Champaign, representing Mrs. Sarah Grimm, sister of the late Professor George A. Miller, had called on him to ask that the Board of Trustees make some financial provision for Mrs. Grimm from the funds it will receive under his will. This request was referred to the Finance Committee for consideration.

The Committee has had two meetings. On October 18, 1951, the Committee heard Mr. Miller who appeared with an associate to present the request personally. On December 17, 1951, the Committee met again to discuss this matter.

The Committee recommends to the Board that the request be denied.

On motion of Mr. Fornof, this report was adopted and the recommendation of the Committee was approved.

GIFT OF MR. AND MRS. HARLAN H. HORNER

The President presented the following recommendation.

Harlan H. Horner and Henrietta Calhoun Horner of Albany, New York, both alumni of the University, Class of 1901, offer the Board of Trustees of the University of Illinois and the University of Illinois Foundation a valuable and important collection of books, manuscripts, portraits, photographs, busts, and other materials pertaining to Abraham Lincoln and his times for the purpose of establishing a "Lincoln Collection" at the University of Illinois. In return they ask the University to arrange for the transfer of the collection from Albany to the University and to provide adequate quarters for the housing of this collection in the University Library in a room to be known as the "Lincoln Room." The donors plan to encourage their classmates of the University of Illinois Class of 1901 to contribute materials to this collection through the University of Illinois Foundation, and also to a permanent fund to be raised and established by the Foundation for maintaining and expanding the collection. In this way, the collection will also be a Class of 1901 memorial.

Mr. and Mrs. Horner request the Board of Trustees of the University of

Illinois and the Board of Directors of the University of Illinois Foundation to enter into an agreement with them relative to the acceptance of their offer which is presented in a formal deed of gift.

I recommend that this offer be accepted and that the Comptroller and the Secretary of the Board be authorized to execute the agreement on behalf of the University. It has already been executed by Mr. and Mrs. Horner and by officers of the Foundation.

On motion of Mr. Johnston, this offer was accepted, and authority was granted as recommended.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) fellows; (3) resignations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ALAJOUANINE, THEOPHILE, Visiting Professor of Neurology and Neurological Surgery, in the College of Medicine, three months beginning April 1, 1952, \$5000 (11-27-51).
- BARTELS, JOHN F., Clinical Assistant in Obstetrics and Gynecology, in the College of Medicine, one year beginning September 1, 1951, without salary (11-24-51).
- BRISTOW, ROBERT H., Research Associate in Ceramic Engineering (S), one year beginning January 1, 1952, \$5000 (12-7-51).
- CHAUFOURNIER, ROGER, Research Assistant in Economics, in the Graduate College, three months beginning January 16, 1952, \$485 a month (12-4-51).
- COLEMAN, PAUL D., Associate Professor of Electrical Engineering (C), indefinite tenure beginning September 1, 1951, to render service during each academic year, \$7000 a year, supersedes (11-16-51).
- COYLE, HELEN, Lecturer in the School of Social Work, four months beginning February 1, 1952, \$800 (11-24-51).
- DOUGHERTY, DORA, Research Assistant in Psychology, in the Graduate College, ten months beginning November 1, 1951, \$5000 a year, supersedes (11-16-51).
- ERLICK, DWIGHT E., Research Associate in Psychology, in the Graduate College, ten months beginning November 1, 1951, \$4600 a year (11-30-51).
- FINNERUD, CLARK W., Clinical Associate Professor of Dermatology (Rush), in the College of Medicine, ten months beginning November 1, 1951, without salary (12-3-51).
- GUNSALUS, CAROLYN F., Research Associate in Bacteriology, in the Graduate College, one year beginning September 1, 1951, \$4000 (11-28-51).
- HASLER, SCOTT G., Research Assistant in Psychology, in the Graduate College, ten months beginning November 1, 1951, \$5000 a year, supersedes (11-16-51).
- HOPKINS, DEAN F., Assistant in Agricultural Engineering (S), on three-fourths time, two months beginning December 1, 1951, \$2850 a year, and on full time, seven months beginning February 1, 1952, \$3800 a year (12-8-51).
- KENDELL, H. WORLEY, Clinical Professor of Physical Medicine and Rehabilitation, in the College of Medicine, nine months beginning December 1, 1951, without salary (12-10-51).
- MINZ, BRUNO, Visiting Research Professor of Pharmacology, in the College of Medicine, six months beginning November 1, 1951, without salary (12-3-51).
- MISTRY, SORAB P., Assistant in Animal Science (S), beginning January 15, 1952, and continuing through August 31, 1952, \$3000 a year (12-8-51).
- NISHIMURA, M. SHIMPE, Research Associate in Botany, in the Graduate College, one year beginning September 1, 1951, \$4800, supersedes (12-7-51).
- PAYNE, THOMAS A., Research Assistant in Psychology, in the Graduate College, ten months beginning November 1, 1951, \$4600 a year, supersedes (11-16-51).
- PENNISI, LOUIS L., Instructor in Mathematics, in the Undergraduate Division in Chicago, on one-half time, six months beginning March 1, 1952, to render service during the academic year, \$181.25 a month, supersedes (11-24-51).
- RAJU, POOLA T., Visiting Professor of Philosophy, ten months beginning September 1, 1952, \$8000 (12-10-51).
- SEGENREICH, HARRY M., Clinical Assistant Professor of Psychiatry, in the College of Medicine, one year beginning September 1, 1951, without salary, supersedes (11-17-51).

- TUCKER, RONALD F., JR., Research Associate in Physics (C), nine months beginning December 1, 1951, \$5100 a year, supersedes (11-29-51).
 WEINER, ROBERT G., Instructor in Medicine, in the College of Medicine, on one-half time, one year beginning September 1, 1951, \$3300, supersedes (11-16-51).
 WILES, JO ANN, Catalog Assistant in the Library, seven months beginning February 1, 1952, \$3300 a year, supersedes (11-29-51).
 WILLIAMS, JACK, Clinical Assistant in Medicine, in the College of Medicine, ten months beginning November 1, 1951, without salary (11-26-51).
 WOZGIN, JULIA E., Clinical Assistant in Nursing, in the School of Nursing, nine months beginning December 1, 1951, \$267 a month; for her convenience she will also be furnished one meal a day valued at \$8 a month, supersedes (11-26-51).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- BHATTACHARJEE, JYOTI, Booth Fellow in Agricultural Economics, beginning February 1, 1952, and continuing through August 15, 1952, \$852 (11-26-51).
 HARRIS, HENRY S., Fellow in Philosophy, nine months beginning September 16, 1951, \$700, supersedes (11-26-51).
 HECK, WALTER W., Fellow in Botany, nine months beginning September 16, 1951, \$700, supersedes (11-26-51).
 SHORT, ROLLAND W. P., Fellow in Chemistry, nine months beginning September 16, 1951, \$850, supersedes (11-26-51).
 WELLS, CHESTER, JR., Fellow in Agricultural Economics, nine months beginning September 16, 1951, \$700, supersedes (11-26-51).

RESIGNATIONS

- CALLEN, IRWIN R., Instructor in Medicine, in the College of Medicine — resignation effective 11-10-51.
 HALL, BETTY J. T., Clinical Instructor in Anesthesia (Rush), in the College of Medicine — resignation effective 9-1-51.
 HILL, MRS. DEANE W., Catalog Assistant in the Library — resignation effective 2-14-52.
 HOPKINS, DEAN F., Wright Fellow in Agricultural Engineering — resignation effective 12-1-51.
 HOWSER, RAY E., Instructor in Library Science, in the Division of Communications, on two-thirds time, and Library Research Assistant in the Library, on one-third time — resignation effective 1-1-52.
 MORALEJO-MARTIN, JOSE C., Assistant in Anesthesia (Rush), in the Department of Surgery, in the College of Medicine — resignation effective 10-15-51.
 ROCHLIN, ISIDORE, Clinical Assistant in Medicine (Rush), in the College of Medicine — resignation effective 12-15-51.
 TURNER, GEORGE C., Clinical Assistant Professor of Medicine (Rush), in the College of Medicine — resignation effective 11-1-51.

LEAVES OF ABSENCE

- BRUCKNER, WALTER H., Research Associate Professor of Metallurgical Engineering, in the Department of Mining and Metallurgical Engineering (S) — leave of absence, with full pay, November 1, 1951-February 1, 1952, because of illness.
 GANT, VIRGIL A., Assistant Professor of Toxicology, in the Department of Pharmacology, in the College of Medicine — leave of absence, with full pay, October 10-December 31, 1951, because of illness.
 MENDEL, CLIFFORD W., Associate Professor of Mathematics — leave of absence, with full pay, October 23-December 20, 1951, because of illness.
 STAFFORD, GEORGE T., Professor of Physical Education for Men, and Coordinator of Health Education, in the Division of University Extension — leave of absence, with full pay, October 26-November 13, 1951, because of illness.

On motion of Mrs. Holt, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

January 21, 1952



The January meeting of the Board of Trustees of the University of Illinois was held at the Chicago Undergraduate Division at Navy Pier, Chicago, Illinois, on Monday, January 21, 1952, beginning at 12:30 p.m.

The following members of the Board were present: President Livingston, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Megran, Mr. Nickell, and Mrs. Watkins.

Also present were: President George D. Stoddard, Provost Coleman R. Griffith, Dean E. R. Serles of the Chicago Professional Colleges, Dean C. C. Caveny of the Chicago Undergraduate Division, Mr. Howard A. Hazleton, Business Manager of the Chicago Departments, Mr. Ralph F. Lesemann, Legal Counsel, Mr. J. F. Wright, Director of Public Information, Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

INSPECTION OF FACILITIES AT NAVY PIER

Prior to the meeting, several members of the Board and other University officials inspected the quarters and facilities of the Chicago Undergraduate Division at Navy Pier. At the conclusion of this inspection the Board recessed for luncheon in the Faculty Dining Room of the Chicago Undergraduate Division.

OFFICIAL GUESTS OF THE BOARD

Guests of honor at the luncheon and at the Board meeting were Senator Everett R. Peters and Representatives Charles W. Clabaugh and Ora D. Dillavou of the Twenty-fourth Senatorial District, General Assembly of Illinois. Representative Paul Stone had also been invited but was unable to attend.

President Livingston and President Stoddard expressed the appreciation of the Board of Trustees and of the University administration to these gentlemen for their distinguished services in sponsoring and securing passage of appropriation bills and other legislation essential to the development of the University of Illinois. Messrs. Peters, Clabaugh, and Dillavou responded.

At the request of President Livingston, Dean Caveny spoke about the operations and programs of the Chicago Undergraduate Division.

Following the luncheon recess the Board convened in the Office of the Dean of the Chicago Undergraduate Division.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of November 23 and December 17, 1951, press proof copies of which had been sent to all members of the Board in advance.

On motion of Mr. Johnston, the minutes were approved as printed on pages 1289 to 1334, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following reports and recommendations from the President of the University.

**CLAIM OF MRS. SARAH GRIMM AGAINST THE ESTATE
OF GEORGE A. MILLER**

(1) Mrs. Sarah Grimm, sister of the late Professor George A. Miller, has instituted legal proceedings seeking to have set aside his will bequeathing his estate to the University of Illinois. She had previously requested the University to make a financial settlement on her from the proceeds of the estate. The Board denied this request on December 17, 1951. At that time Mrs. Grimm had not filed suit.

Her attorney has indicated that he will consider a modest settlement out of court. Such a settlement would be defensible provided it does not exceed the probable cost of defending the suit and can be effected without affording Professor Miller's other heirs any opportunity to contest further the will in the suit.

Accordingly, I recommend that the Legal Counsel and the Comptroller be authorized, in cooperation with the Executor of Professor Miller's estate and his Counsel, to negotiate a settlement which in their judgment is feasible and defensible, all equitable interests being considered, and which will be within the indicated limit as to amount if they find it can be effected in such manner as will preclude any attempt being made by Professor Miller's other heirs to contest his will in the courts.

On motion of Mr. Fornof, the Board voted to reconsider its action

on December 17, 1951 (Minutes, page 1332), denying the previous request presented by Mrs. Grimm's attorney, and authorized the Legal Counsel and the Comptroller to negotiate a settlement as recommended.

At this point, Mr. Hickman withdrew.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. LINDSAY M. BLACK, Professor of Botany, beginning September 1, 1952, at an annual salary of \$9,000 (A).

2. NATHANIEL H. EISEN, Assistant Professor of Psychology, beginning January 1, 1952, at an annual salary of \$4,800 (DY).

3. ROMEO RALPH LEGAULT, Professor of Food Technology, beginning February 15, 1952, at an annual salary of \$9,500 (AY).

4. JAMES KENNETH MCDERMOTT, Assistant Extension Editor, with rank of Assistant Professor of Agricultural Extension, beginning February 1, 1952, at an annual salary of \$6,000 (DY).

5. JULIAN H. STEWARD, Professor of Anthropology, beginning September 1, 1952, at an annual salary of \$11,000 (A).

On motion of Mrs. Watkins, these appointments were confirmed.

ACADEMIC RANKS OF ARMY, NAVY, AND AIR FORCE PERSONNEL STATIONED AT THE UNIVERSITY OF ILLINOIS

(3) All Army, Navy, and Air Force officers assigned to Reserve Officers' Training Corps duty at the University of Illinois are members of the University faculty and should have appropriate academic rank. A policy relating to this matter established by the Board of Trustees in 1919 is no longer adequate because of changing conditions.

I therefore recommend that the following academic ranks be authorized:

1. Commandants of the three services to be Professors;
2. The officers in charge of a satellite or branch R.O.T.C. unit at the Chicago Professional Colleges and the Chicago Undergraduate Division to be Associate Professors;
3. The executive officers of the three services to be Associate Professors;
4. All other officers to have academic rank related to military rank:
Lieutenant Colonel and Colonel in the Army, Air Force, and Marine Corps,
and Captain and Commander in the Navy to be Associate Professors,
First Lieutenant to Major, and Lieutenant (j.g.) to Lieutenant Commander in
the Navy to be Assistant Professors,
Warrant Officers and Second Lieutenants and Warrant Officers, Commissioned
Warrant Officers, and Ensigns in the Navy to be Instructors.
Enlisted personnel in all services to be Assistants.

On motion of Mr. Megran, these academic ranks were authorized.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(4) The Committee on Accountancy recommends that the following persons be awarded the certificate of Certified Public Accountant on the basis of having satisfactorily passed a written examination under Section 4b of the Accountancy Act of 1943, as amended in 1951, given by the Special Board of Examiners:

ORVILLE AHL (Evanston)
ARTHUR C. ATLAS (Chicago)
ALEXANDER BERNFIELD (Chicago)
LEONARD A. BORGESON (Golf)
CURTIS W. CATRON (Evanston)
FOSTER J. COLEMAN (Chicago)
RAYMOND A. CONWAY (Chicago)
VERNON E. CROSSELL (Wilmette)
IVAL W. CROUCH (Chicago)
SAMUEL J. DAMOND (Chicago)

LEE ROY DEHLER (Rock Island)
WILLIAM ECKERT (Kenilworth)
CARL F. EIGELSBACH (Chicago)
JAMES A. ERICKSON (Chicago)
ERIC K. ERNEST (New York, New York)
WALTER C. GAEDE (Waukegan)
LLOYD K. GARRISON (Chicago)
EDWARD GIMBEL (Glencoe)
MYRON GOLDENBERG (Chicago)

SAMUEL GOLDENSON (Chicago)	GILBERT NELSON (Evanston)
J. MENARD GREENE (Chicago)	PAUL E. NEUENDANK (Chicago)
ELLSWORTH H. GREENWOOD (Pontiac)	JAMES REILLY (Wilmette)
HYMAN W. GUROLNICK (Chicago)	ALBERT LOUIS RIETZ (Flossmoor)
GEORGE HADDAD (Chicago)	GEORGE J. ROBSON (Chicago)
MATHEW HAMILTON (Chicago)	JOSEPH A. ROSENTHAL (Chicago)
HAROLD WALTER HELD (Chicago)	DAVID N. SALTIEL (Chicago)
JACOB C. HIRSCH (Chicago)	LOUIS J. SCHMITT (Lake Village, Indiana)
JAMES C. HOLLAND (Chicago)	JOHN A. SCHUR (Chicago)
ERNEST B. HORWATH (Darien, Connecticut)	EDWARD H. SCHWARTZ (Chicago)
SIDNEY R. JOHNSON (Winnetka)	JOSEPH A. SCHWARTZ (Chicago)
NATHAN S. KAHN (Chicago)	WALTER WILLIAM SENECA (Evanston)
ALBERT KIMMEL (Chicago)	JACOB SEREB (Chicago)
HARRY LAWRENCE (Chicago)	MAX SIMON (Chicago)
SAMUEL H. LEVINE (Chicago)	FREDERIC H. SOMMER (Antioch)
TILLMAN L. LUSK (Chicago)	ALBERT I. STERLING (Chicago)
JULIUS M. LYBARGER (Springfield)	SAMUEL WASSERMAN (Chicago)
GEORGE C. MATTRAN (Chicago)	JACOB (JACK) WEINER (Chicago)
LUKE D. MCCOY (Chicago)	EDWARD FENTON WHEELER (Springfield)
HENRY MELIN (Chicago)	ROY M. WILKES (Harvey)
MACK JACOB MEYERS (Chicago)	EVERETT C. WOOD (Henderson, Kentucky)
H. ARNOLD MICHEL (Chicago)	
ANTHONY JOHN MOSS (Calumet City)	

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
DELPHOS WARD BAKER	Waterloo, Iowa	Ohio
MARVIN IRA BESKIN	Chicago, Illinois	District of Columbia
ROBERT ALLYN BUDINGTON, JR.	West Newton, Massachusetts	New York
WILLIAM PEYTON CROUCH	Houston, Texas	Kentucky
FRANK J. HAGGERTY	Detroit, Michigan	Michigan
JOHN JOSEPH LILLY	Glen Ellyn, Illinois	Wisconsin
ROBERT SIDNEY LYMAN	Atlanta, Georgia	New York
EARL ROGER MARTIN	Milwaukee, Wisconsin	Wisconsin
LEE MCGINLEY	Marquette, Michigan	Michigan
THEODORE FRANCIS OLSON, JR.	Rockford, Illinois	Wisconsin
ROBERT EDWARD OFFERKUCH	Shreveport, Louisiana	Louisiana
JOHN BEVERIDGE ROBINSON, JR.	Chicago, Illinois	Tennessee
THORNTON BEEBE THRIEGE	Chicago, Illinois	Ohio
DANIEL ZALE TROPP	Chicago, Illinois	District of Columbia

I concur.

On motion of Mr. Nickell, these certificates were awarded.

CHANGES IN ADMINISTRATION OF COLLEGE OF COMMERCE AND DEPARTMENT OF ECONOMICS

(5) Dr. Paul M. Green who was appointed Dean of the College of Commerce and Business Administration and Professor of Management by the Board of Trustees on October 23, 1951, will begin his services in these positions as of February 1, 1952.

Dr. Robert R. Hudelson, Professor of Agricultural Economics and Associate Dean of the College of Agriculture, has been serving as Acting Dean of the College of Commerce and Business Administration since January 1, 1951, his assignment to be terminated on a mutually agreeable date. He has also been serving as Acting Chairman of the Department of Economics since July 25, 1951.

He is understandably desirous of returning to his duties in the College of Agriculture on a full time basis.

Accordingly, I have (a) relieved Dean Hudelson of his assignments as Acting Dean of the College of Commerce and Business Administration and as Acting Chairman of the Department of Economics; and (b) appointed Dean Green as Acting Chairman of the Department of Economics to serve until further notice; these changes to be effective as of February 1, 1952.

Confirmation of these actions is requested.

As Dean Hudelson returns to his work in the College of Agriculture which he consented to relinquish a year ago, I wish to record my appreciation of his splendid service in these multiple capacities. He has carried on admirably the administrative duties of the College of Commerce and Business Administration. He has been eminently fair-minded in all his contacts, endowing them with the benefit of a wise and rich experience.

On motion of Mr. Johnston, these actions were confirmed, and the Secretary was requested to express to Dean Hudelson the appreciation of the Board of his fine services and devotion to the University in the administrative posts he has held during the past year.

DEPARTMENT OF PREVENTIVE MEDICINE

(6) The Dean of the College of Medicine and the Vice-President in Charge of the Chicago Professional Colleges recommend that the Department of Preventive Medicine be merged with the Department of Medicine. At present the headship of the Department of Preventive Medicine is vacant, Dr. Harry F. Dowling having been appointed Head of the Department of Medicine.

The evolution of the program in preventive medicine leads to its organization as a department in a school of public health. Should a school of public health be established, the return to a departmental status could be accomplished without difficulty.

I concur.

On motion of Mr. Fornof, this recommendation was approved.

SCHOOL OF NURSING

(7) The Board of Trustees has not formally established a school of nursing. However, its authorization is implicit in the existing agreement with the State Department of Public Welfare, recognizing the need for a school of nursing, and in financial provisions subsequently made for nursing education.

To give official status to the School of Nursing, I therefore recommend that the Board of Trustees hereby formally establish a School of Nursing as a division of the Professional Colleges of the University of Illinois in Chicago.

On motion of Mrs. Holt, this recommendation was approved.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

1. Remodeling in Vivarium for the Department of Zoology.....	\$10 000
2. Alterations necessary to convert the house at 1204 West Oregon, Urbana, into an office and classroom building for the School of Social Work..	10 000
3. Remodeling in the Natural History Building for the Department of Botany	20 000
4. Remodeling and equipment in the Natural History Building for the Department of Physiology.....	10 380
5. Remodeling in Sanitary Engineering Laboratory.....	4 100
Total	\$54 480

I recommend that these appropriations be made from the General Reserve Fund.

On motion of Mr. Nickell, these appropriations were made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mrs. Holt, Mr. John-

ston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Hickman, Mr. Stevenson.

APPROPRIATION FOR THE PURCHASE OF LAND

(9) On April 21, 1949 (Minutes, page 310), the Board of Trustees authorized the purchase of the 320-acre McCullough Farm, adjoining University farm lands south of the campus at Urbana-Champaign. The purchase was on a contract providing for annual payments. The last installment, amounting to \$15,000, is due on March 1, 1952. Interest on the unpaid balance is charged to the income from the farm.

The Dean of the College of Agriculture and the Comptroller recommend an appropriation of \$15,000 from the General Reserve Fund for this payment.

I concur.

On motion of Mr. Johnston, this appropriation was made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Hickman, Mr. Stevenson.

APPROPRIATION OF AGRICULTURAL INCOME

(10) The Dean of the College of Agriculture and the Comptroller recommend an appropriation of \$4,500 from excess receipts over estimated budgeted income of the Department of Dairy Science for the purchase of a replacement for a 1937 one and one-half ton truck, the purchase of a replacement for a three-quarter ton jeep, and for overhauling a one and one-half ton 1946 truck.

I concur.

On motion of Mr. Megran, this appropriation was made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Hickman, Mr. Stevenson.

RELEASES OF PATENTABLE DISCOVERIES

(11) The University Patent Committee submits the following reports and recommendations relating to potentially patentable discoveries:

1. Assistant Professor Lloyd L. Kempe of the Department of Food Technology, who joined the University faculty in 1950, brought with him an idea for a continuous hydrostatic pressure cooker for canned foods which would permit an increase in the temperature at which liquid water can be used for heat treatment of canned foods. The hydrostatic pressure would also be used to neutralize externally the steam pressure developed inside tin cans during pressure cooking and permit a gradual reduction of the external pressure while the cans are cooled. Professor Kempe has since developed a small model which he believes demonstrates the validity of his idea.

The Department of Food Technology is not at present equipped or prepared to undertake large-scale development work such as would be required for an invention of this kind. Hence, the University Patent Committee recommends that all rights be released to Professor Kempe with the understanding that no University facilities or time will be spent on its further development.

2. Messrs. Edward F. Moore and Theodore Shapin, Jr., working in the electronic digital computer laboratory, have prepared a report concerning a magnetic drum-controlled computer which they believe might be subject to patent coverage. This computer would be faster than a relay computer but slower than an electronic computer. The advantages in this type of computer are low cost and few components, and the ability to change the list of machine orders without changing any electrical circuitry by recording new control signals on the drum.

The University Patent Committee is of the opinion that the University should not spend money for seeking patent protection on the possible invention claimed. Since this work was supported by the Office of Naval Research, the Committee recommends that the University declare its intention not to seek patent protection on the drum-controlled computer and to release all rights to the

inventors, subject first to full and complete clearance by the Office of Naval Research.

3. Mr. Peter Baram, a graduate student in bacteriology in the College of Medicine, recently isolated a soil actinomycetes capable of inhibiting, in vitro, several fungi pathogenic for man as well as certain pathogenic bacteria. He has inquired whether or not patent rights should be established by the University for this organism.

Dr. Milan Novak, Head of the Department of Bacteriology, has pointed out that the antibiotic has very little chance of becoming useful in therapy because it is such a toxic material. Hundreds of antibiotics have been discovered but most of them must be discarded because of their toxicity, and Mr. Baram's discovery appears to be in this class. Accordingly, the University Patent Committee recommends that all rights be released to Mr. Baram to develop as he may see fit.

I concur.

On motion of Mrs. Holt, these recommendations were approved.

REFINANCING MEN'S RESIDENCE HALLS BONDS

(12) The Board of Trustees has authorized the expansion of Residence Halls facilities at Urbana-Champaign and refinancing of the present bond issue on the Men's Residence Halls. A resolution, prepared by Chapman and Cutler, attorneys, Chicago, exercising the option of redeeming these bonds is presented for adoption.

Resolution Exercising Option to Redeem \$233,000 University of Illinois Men's Residence Halls Revenue Bonds of 1948.

WHEREAS this Board of Trustees of the University of Illinois has heretofore determined to borrow money and issue Revenue Bonds for the purpose of building an additional unit to the Men's Residence Halls to be located at 1233 and 1247 South Fourth Street, Champaign, Illinois, and to remodel Busey and Evans Halls, residences for women located at 1111-1115 West Nevada Street, Urbana, Illinois, and preparations are being made to borrow money and in evidence thereof to issue revenue bonds for that purpose; and

WHEREAS there are presently outstanding University of Illinois Men's Residence Halls Revenue Bonds of 1948 in the principal amount of \$233,000, dated March 1, 1948, numbered from 168 to 400, inclusive, due serially on September 1, 1952, and March 1 and September 1 of each of the years 1953 to 1959, inclusive, and on March 1, 1960, for the payment of which the revenues of the Men's Residence Halls located at 1215 South Fourth Street, Champaign, Illinois, have been pledged, and this Board of Trustees deems it necessary, advisable, and in the interests of the University that all of the outstanding University of Illinois Men's Residence Halls Revenue Bonds of 1948, maturing after March 1, 1952, be called for redemption, in accordance with their terms, and that sufficient revenue bonds be issued to refund said outstanding bonds; and

WHEREAS pursuant to the resolution adopted on the 21st day of February, 1948, by this Board of Trustees authorizing the issuance of said bonds, it is provided that said bonds may be redeemed on any interest payment date on or after March 1, 1951, up to and including September 1, 1953, at par and accrued interest and a premium of two per cent (2%) of the principal amount thereof; and

WHEREAS it is deemed advisable and in the interests of the University of Illinois that this Board of Trustees exercise its option to redeem said bonds on March 1, 1952, and to issue revenue bonds to refund the same;

Now, Therefore, Be It Resolved by the Board of Trustees of the University of Illinois, as follows:

SECTION 1. That this Board of Trustees of the University of Illinois exercise its option to redeem all of its outstanding University of Illinois Men's Residence Halls Revenue Bonds of 1948, maturing as set forth in the preambles of this resolution.

SECTION 2. That the Comptroller of the University and the Secretary of this Board be and are hereby directed to give notice of the redemption of said bonds on March 1, 1952, by publication of notice at least once not less than thirty days

prior to March 1, 1952, in the Chicago Journal of Commerce Edition of the Wall Street Journal, published and of general circulation in the city of Chicago, Illinois, and that such notice of redemption shall be substantially in the following form:

**NOTICE OF INTENTION TO REDEEM \$233,000
UNIVERSITY OF ILLINOIS MEN'S RESIDENCE
HALLS REVENUE BONDS OF 1948.**

TO THE HOLDERS OF THE OUTSTANDING
UNIVERSITY OF ILLINOIS MEN'S RESIDENCE
HALLS REVENUE BONDS OF 1948, NUMBERED
168 to 400, INCLUSIVE:

You and each of you are hereby notified that the Board of Trustees of the University of Illinois has determined to exercise its right of redemption of its outstanding University of Illinois Men's Residence Halls Revenue Bonds of 1948 in the principal amount of \$233,000, numbered and maturing as follows:

<i>Principal Amount</i>	<i>Bond Numbers</i>	<i>Maturity Dates</i>
\$22,000	168 to 189, inc.	September 1, 1952
22,000	190 to 211, "	March 1, 1953
13,000	212 to 224, "	September 1, 1953
13,000	225 to 237, "	March 1, 1954
13,000	238 to 250, "	September 1, 1954
13,000	251 to 263, "	March 1, 1955
13,000	264 to 276, "	September 1, 1955
13,000	277 to 289, "	March 1, 1956
13,000	290 to 302, "	September 1, 1956
14,000	303 to 316, "	March 1, 1957
14,000	317 to 330, "	September 1, 1957
14,000	331 to 344, "	March 1, 1958
14,000	345 to 358, "	September 1, 1958
14,000	359 to 372, "	March 1, 1959
14,000	373 to 386, "	September 1, 1959
14,000	387 to 400, "	March 1, 1960

The undersigned will deposit on or prior to March 1, 1952, the amount necessary to make payment of the redemption price provided in respect of said above described bonds called for redemption which in each case consists of the principal amount thereof, plus accrued interest and a premium of two per cent (2%) of said principal amount.

There will on or prior to March 1, 1952, be deposited with the First National Bank of Chicago, in the city of Chicago, and state of Illinois, the paying agent and Depositary for said bonds, for payment to the holders of said bonds the amount necessary to pay and redeem the same, together with all proper charges and expenses of the paying agent.

Payment will be made to the respective holders of the bonds on presentation at the First National Bank of Chicago of said bonds accompanied with interest coupons maturing on the date of redemption and all subsequent coupons.

The resolution authorizing the issuance of said outstanding bonds of said University of Illinois provides that from and after the designated redemption date interest in respect of all bonds so called for redemption shall cease.

By order of the Board of Trustees of the University of Illinois.

Dated this 21st day of January, 1952.

LLOYD MOREY
Comptroller
A. J. JANATA
Secretary

SECTION 3. That the Secretary be and is hereby authorized and directed to file a certified copy of this resolution with the First National Bank of Chicago, in the city of Chicago, Illinois, as paying agent and Depositary of the outstanding University of Illinois Men's Residence Halls Revenue Bonds of 1948, notifying

said bank of the fact that the University has exercised its option to call and redeem bonds numbered 168 to 400, inclusive, of said issue, and that funds will be deposited with said bank on or before March 1, 1952, as paying agent, for the payment and redemption of said bonds, and will also deposit with said bank as Depositary of said issue funds sufficient to pay bonds numbered 146 to 167, inclusive, of said issue which mature on March 1, 1952.

On motion of Mr. Nickell, this resolution was adopted by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Hickman, Mr. Stevenson.

SIGNING OF REVENUE BONDS

The Comptroller stated that the new University of Illinois Men's Residence Halls revenue bonds to be issued to provide funds for the construction of additional residence halls facilities and to redeem the outstanding bonds issued in 1948 will require the signatures of the President and Secretary of the Board, and of two other Trustees designated by the Board.

On motion of Mr. Nickell, Mr. Wirt Herrick and Mrs. Frances B. Watkins were designated to sign the bonds with the President and Secretary of the Board.

ACTION BY THE EXECUTIVE COMMITTEE ON BIDS FOR FINANCING OF THE MEN'S RESIDENCE HALLS ADDITIONS

(13) Bids will be received on February 14, 1952, for the issue of \$1,750,000 revenue bonds to finance in part the expansion of the Men's Residence Halls facilities on the Urbana campus. It is desirable that the successful bidder be notified on the date on which bids are received.

The Comptroller recommends that the Executive Committee of the Board of Trustees be authorized to award the issue to the qualified bidder submitting the offer which represents the lowest interest cost to the University.

I concur.

On motion of Mr. Johnston, this recommendation was approved.

PURCHASES

(14) The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 32' x 120', 14' high rigid frame steel building to be used as a service building on the South Farm (this transaction does not include erection which will be covered by a separate contract)	Animal Science	Butler Manufacturing Co., Kansas City, Mo.	\$4 954 64 f.o.b. Galesburg, freight allowed
One lot scientific laboratory equipment	Chemistry	E. H. Sargent & Co., Chicago	4 272 34 f.o.b. Urbana
25 analytical balances with magnetic damper, 200 g. capacity on each pan, sensitivity of 0.1 mgm.	Pharmacy, Chicago Colleges	Arthur S. LaPine & Co., Chicago	4 125 00 f.o.b. delivered
For the payment of \$10 each on 388 trench coats being bought by advanced students in R.O.T.C. Ground Forces	Military	Associated Military Stores, Chicago	3 880 00
Carpeting for Wedgwood Lounge, Illini Union	Illini Union	A. D. Sackett, Champaign	2 920 00 f.o.b. delivered
44,365 board feet No. 1 Douglas fir lumber, dimension stock, kiln dried, with eased edges and square end trimmed	Physical Plant	Long Lumber Co., Champaign	4 958 21 f.o.b. freight cars, University siding

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
65,067 board feet No. 1 and better, kiln dried Douglas fir lumber, S4S and square end trimmed	Physical Plant	Harlan E. Moore Lumber Co., Champaign	7 469 35 f.o.b. delivered
45,000 lbs. white lead paste	Physical Plant	National Lead Co., Chicago	10 867 50 f.o.b. Urbana
240 cases (100 rolls) 1000 sheet toilet tissue	Physical Plant	S. V. Cain, Inc., Peoria	4 850 00 f.o.b.
200 cases (50 rolls) 2000 sheet toilet tissue			freight car, University siding at Power Plant
300 cases paper towels			
One car (approximately 20 tons) newsprint for <i>Illinois Alumni News</i>	Alumni Association	Daley Papers, Inc., Chicago	4 000 00 (approximate)
One latest model Beechcraft Bonanza airplane with accessories	Institute of Aviation	Elliott Flying Service, Davenport, Iowa	18 990 00 f.o.b. delivered
Electrical supplies for stock in Physical Plant Storeroom	Physical Plant Stores	Danville Electric Supply, Danville	2 164 95
		Graybar Electric Supply, Chicago	928 22
		Hyland Electric Supply, Chicago	799 80
		U. S. Electric Supply, Springfield	196 60
		Westinghouse Electric, Danville	32 40
			(4 121 97)
One rolling mill, experimental laboratory type model, complete with installation accessories, 220 volt, three-phase operation	Mining and Metallurgical Engineering	Neff Kohlbusch & Bissell, Chicago	7 682 00 f.o.b. Hartford, Conn.
1000 No. 5687 electron tubes	Graduate College Computer	Tung-Sol Electric Co., Chicago	3 750 00 delivered

On motion of Mr. Johnston, these purchases were approved.

COMPTROLLER'S REPORT OF CONTRACTS

(15) The Comptroller's report of contracts executed during the period December 1 to 31, 1951.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Lumber Dealers Research Council	Survey of use of window types in residential dwellings	\$14 000 00	December 18, 1951
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
J. R. Boers Heating Co.	Installation of flues and chimneys on units on Race and Florida streets	\$1 050 00	September 12, 1951

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
A. E. Staley Manufacturing Co.	Study of amino acids	\$1 200 00	December 4, 1951
Spencer Chemical Co.	Study of chemical nitrogen on soil	3 000 00	December 4, 1951
Central Soya Co.	Study of vitamins in swine nutrition	1 500 00	November 23, 1951
Office of Rubber Production, R.F.C.	RuR — SR 95	150 000 00	June 30, 1951
United States Air Force	AF 33 (038) 14306 Supplement #2	5 726 00	June 19, 1951
United States Air Force	AF 33 (038) 19569 Supplement #2	36 325 00	October 8, 1951
United States Atomic Energy Commission	AT (11-1) — 67 Project #1	5 500 00	December 6, 1951
United States Atomic Energy Commission	AT (11-1) — 67 Project #2	5 400 00	October 23, 1951
United States Atomic Energy Commission	AT (11-1) — 67 Project #3	24 520 00	October 22, 1951
United States Atomic Energy Commission	AT (11-1) — 67 Project #6	21 500 00	October 23, 1951
United States Atomic Energy Commission	AT (11-1) — 67 Project #7	8 500 00	October 23, 1951

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
United States Army	DA-44-009-eng 20 Modification #2	10 000 00	October 12, 1951
United States Army	DA-36-039-SC 205 Modification #2	17 838 00	October 9, 1951
United States Navy	N 8 ont — 79600 Amendment #4	892 50	September 1, 1951
United States Navy	N 6 ori — 71 — Task VI	20 400 00	October 17, 1951
United States Navy	N 6 ori — 71 — Task I	200 000 00	October 17, 1951
Veterans Administration	V 3028 V — 1742 Supplement #1	Rate per contract	July 1, 1951

Adjustments Made in Authorizations Issued Under 1950-1951 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	Service Building remodeling	\$ 25 00 ¹	December 12, 1951
	Changes in administrative offices	721 70	November 24, 1951
	Sub-total	(696 70)	
E. N. DeAtley	Horticulture Field Laboratory remodeling	993 82	December 12, 1951
	Sub-total	(993 82)	
Schroeder's	Horticulture Field Laboratory remodeling	1 408 34 ¹	December 12, 1951
	708 S. Mathews Avenue remodeling	7 51	November 23, 1951
	Sub-total	(1 400 83) ¹	

Adjustments Made in Authorizations Issued Under 1951-1952 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	Noyes Laboratory safety improvements	\$ 69 08	December 4, 1951
	Natural History Building—air condition rooms 306-306B	595 63	October 26, 1951
	Chemistry Indirect Cost — Room 31	363 03	October 18, 1951
	Noyes Laboratory		
	Changes in administrative offices	4 882 95	November 26, 1951
	Noyes Laboratory renovation, modernization, and remodeling	1 160 20	October 2, 1951
	Changes in administrative offices	145 59	November 24, 1951
	Sub-total	(7 216 48)	
Clyde E. Gates	Changes in administrative offices	1 616 37	November 24, 1951
	Natural History Building—air condition rooms 306-306B	2 876 00	October 26, 1951
	Noyes Laboratory safety improvements	959 80	December 4, 1951
	Noyes Laboratory third and fourth floor remodeling	121 61	December 13, 1951
	Parking facilities	2 454 72	November 20, 1951
	Changes in administrative offices	4 875 28	November 26, 1951
	Noyes Laboratory remodeling, renovation, and modernization	4 703 46	October 2, 1951
	Sub-total	(17 607 24)	
Reliable Plumbing & Heating Co.	Chemistry Indirect Cost — Room 31	333 33	October 8, 1951
	Noyes Laboratory		
	Natural History Building—air condition rooms 306-306B	1 540 00	October 26, 1951
	Changes in administrative offices	57 50	November 24, 1951
	Changes in administrative offices	4 76	November 26, 1951
	Changes in administrative offices	277 50	November 26, 1951
	Noyes Laboratory modernization, renovation, and remodeling	1 900 00	October 2, 1951
	Sub-total	(4 113 09)	
Schroeder's	Noyes Laboratory remodeling, renovation, and modernization	1 691 72	November 20, 1951
	Special State—Noyes Laboratory safety improvements	1 206 78	December 4, 1951
	Noyes Laboratory third and fourth floors remodeling	65 00	December 5, 1951
	Graduate research—Chemistry—Adams—Room 31 Noyes Laboratory	1 000 00	October 8, 1951
	Chemistry Indirect Cost — Room 31 Noyes Laboratory	1 316 52	October 8, 1951
	Sub-total	(5 280 02)	

This report was received for record.

¹ Deduct.

**CONTRACT FOR CONSTRUCTION AND INSTALLATION
OF AN EXHIBIT ON THE HUMAN HEART**

(16) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$62,962 to Olson Designers, Chicago, the lowest bidder, for the construction and installation of a medical exhibit on the human heart in the Museum of Science and Industry, Chicago.

The work will consist of the construction of seventeen displays in accordance with specifications prepared by the Illustration Studios of the College of Medicine.

The Chicago Heart Association has made a grant of \$75,000 to the University for this purpose.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Nickell, this contract was authorized.

**ADDITIONS TO CONTRACT FOR EQUIPMENT FOR
ANIMAL SCIENCES LABORATORY**

(17) The Director of the Physical Plant and the Comptroller recommend increases in the contract with the Metalab Equipment Corporation, Brooklyn, New York, for laboratory equipment for the Animal Sciences Laboratory as follows:

Additional laboratory equipment, redesigning of equipment, and additional installation work on fourth floor of west wing required by rearrangement of laboratory space.....	\$6 178 65
Furnishing and installation of locks on doors and drawers of laboratory equipment	3 998 05

The architects for the building and Physical Plant Department officials have checked these costs of the additional work and report they are reasonable.

Funds are available in the state appropriation for the construction of this building.

I concur and recommend that the Comptroller be authorized to execute these changes in the contract.

On motion of Mr. Fornof, these contract changes were authorized.

PURCHASE OF AUTOMOBILE

President Livingston presented the following recommendation from the Physical Plant Department:

The DeSoto Sedan, Vehicle No. 202 in the University's fleet of trucks and cars, assigned for the use of the President of the University, will be due for replacement shortly in accordance with the University's practice of replacing passenger cars. It would be advantageous to replace this vehicle somewhat ahead of schedule because major repairs and replacements of parts will be necessary in the near future.

On the basis of quotations secured on cars in the medium price field, the Physical Plant recommends the purchase of an eight-passenger Chrysler Saratoga Sedan at a net price of \$2,381.51, plus turning in the present DeSoto Sedan. This is the best deal considering the specifications of the car. The present DeSoto is a six cylinder, 116 horsepower vehicle and while it has given satisfactory service it has required a considerable amount of maintenance work and replacement of parts because an engine of this power is evidently not adequate for the load the vehicle is frequently required to carry. A Chrysler Saratoga has an eight cylinder, 180 horsepower engine. It would cost approximately \$720 more than the net price of another DeSoto of the same type as the vehicle to be replaced, but it buys an engine of 55 per cent more horsepower in addition to other improvements. The Physical Plant Department believes that the Chrysler Saratoga will provide greater safety, driving comfort, reliability, and service than any of the other cars on which bids were taken.

Funds have been budgeted in the Physical Plant Department's Truck and Car Renewal and Replacement Schedule for this purchase.

On motion of Mr. Johnston, this purchase was authorized.

REPORT OF THE COMMITTEE ON TELEVISION

Mr. Livingston, Chairman of the special Committee on Television, presented the following report:

On request of the President of the Illinois Broadcasters Association, the Board of Trustees Committee on Television met with a Committee of the IBA at 2:00 p.m., January 16, 1952, in the Electric Club of Chicago, 20 North Wacker Drive, Chicago, Illinois. The following were present:

University of Illinois representatives:

President Park Livingston and Mr. Wirt Herrick of the Trustees Committee

President George D. Stoddard

Dean Wilbur Schramm

Director R. B. Hudson

Director J. F. Wright

Mr. A. J. Janata, Secretary of the Board.

Illinois Broadcasters Association representatives:

Mr. Merrill Lindsay, Chairman, Station WSOY, Decatur

Past President, IBA

Director, National Association of Radio & Television Broadcasters

Mr. J. Ray Livesay, Station WLBH, Mattoon

President, IBA

Mr. Oliver J. Keller, Station WTAX, Springfield

Vice-President, IBA

Mr. Leslie C. Johnson, Station WHBF, Rock Island

Past Vice-President, IBA

Past Director, NARTB

Mr. Charles C. Caley, Station WMBD, Peoria

Director, IBA

Past Director, NARTB

The meeting was opened by Mr. Park Livingston, Chairman of the Board of Trustees Committee, who asked the Illinois Broadcasters Association Committee to present their views. At the request of Mr. Lindsay, Chairman of the IBA Committee, Mr. Livesay, President of the IBA, presented a prepared statement:

Statement of the ILLINOIS BROADCASTERS ASSOCIATION in regard to the reservation of channels for educational institutions and the operation of television transmitters by tax-supported or non-profit organizations.

1. The ILLINOIS BROADCASTERS ASSOCIATION is unalterably opposed to the University of Illinois, or any other tax-supported institution or non-profit organization, engaging in competitive commercial enterprises, be they television or otherwise.
2. Further, the ILLINOIS BROADCASTERS ASSOCIATION is opposed to the University of Illinois, or any other tax-supported institution, committing enormous construction and operating funds for television transmitting stations without prior hearing and approval by the State Legislature; these costs would amount to hundreds of thousands of dollars for initial construction plus hundreds of thousands of dollars annually in perpetuity, for operation.
3. The ILLINOIS BROADCASTERS ASSOCIATION believes that educational programming has an important place in television; the broadcasters of the state have declared they would welcome meritorious TV programs produced by our state educational institutions. At the same time, the IBA is opposed to the control of adult education by any organized group.
4. The ILLINOIS BROADCASTERS ASSOCIATION opposes the operation of tax-supported radio and television stations except on a basis complementary to existing commercial station programming.
5. It appears obvious from the last minute efforts of the University of Illinois and the Joint Committee for Educational Television that their efforts of the past

few years to secure reservations of channels from the Federal Communications Commission for the use of educational institutions were based on fictitious economic assumptions; it follows that the question may well be raised as to whether the television program planning has been equally unrealistic.

Recommendations of the ILLINOIS BROADCASTERS
ASSOCIATION to the University of Illinois Board of
Trustees.

1. The University of Illinois abandon all consideration of commercial television station operation.
2. The University of Illinois abandon its plans for a non-commercial television station at this time.
3. The University of Illinois establish a television training course as part of the University curriculum.
4. If a conclusion is ultimately reached that a need exists for a complementary educational television transmitting station in a geographical area contiguous to University of Illinois educational operations, that the Board of Trustees submit a complete analysis and proposal to the State Legislature, requesting construction and operating funds, so that the people of Illinois may be fully informed.
5. Finally, the ILLINOIS BROADCASTERS ASSOCIATION re-states the position taken by its membership opposing the reservation of channels for educational TV broadcasting, and suggests that the University of Illinois withdraw its support of the proposals of the Joint Committee for Educational Television to the Federal Communications Commission.

At the request of the IBA representatives, Mr. Livingston discussed the report made by the Board of Trustees Committee on Television to the Board at its meeting on November 23, 1951, and stated that the Board voted approval of the Committee's recommendation "that the University resolve to construct and to operate a television station on a non-commercial basis, and to petition the FCC to permit some commercial use of the reserved channel until such time as the area is adequately served by commercial television stations."

All members of the IBA Committee participated in a discussion of the several points in the formal statement which had been presented by Mr. Livesay.

Messrs. Livingston, Herrick, Stoddard, Schramm, and Hudson spoke for the University.

At the conclusion of the meeting, Mr. Livingston stated that the formal statement of the Illinois Broadcasters Association and a report of the discussion which took place at this meeting would be presented to the Board of Trustees of the University, and that there would undoubtedly be further conferences.

The report was discussed by Messrs. Livingston, Herrick, and Stoddard. At the conclusion of this discussion, Mr. Livingston stated that a further conference will be held with representatives of the Illinois Broadcasters Association on a mutually agreeable date, and that all members of the Board were invited to participate.

MEMORIAL TO ORVILLE M. KARRAKER

Mr. Nickell offered the following resolution:

The Board of Trustees of the University of Illinois records with profound sorrow the death on December 16, 1951, of Orville M. Karraker, a former member and one time President of this Board.

Mr. Karraker devoted much of a long and useful life to public service. He graduated from the Southern Illinois Normal University, now the Southern Illinois University, in 1899 and later served his Alma Mater for one year as a trustee. In Harrisburg, Illinois, where he spent much of his life, he served in such public offices as high school principal for two years, as a member and President of the Board of Education for fifteen years, and as Mayor of that city for one term. He was a successful banker and was President of the First National Bank of Harrisburg for many years.

Mr. Karraker served as a member of the Board of Trustees of the University of Illinois for two full terms, from 1933 to 1945, and was President of the Board from 1936 to 1938. He represented this Board on the Board of Trustees of the University Retirement System of Illinois from 1941 to 1945. For several years he also served as Secretary of the Teachers' Retirement System of Illinois.

In reciting these more conspicuous and distinguished areas of public service it should not be overlooked that during his life Mr. Karraker also gave generously of time and energy to civic and philanthropic activities too numerous to detail here.

The Board of Trustees desires to pay tribute to a former colleague who served his community and the state of Illinois faithfully and with distinction by recording this memorial in its official minutes and by sending copies to the surviving members of Mr. Karraker's family as an expression of respect and sympathy.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) appointments made by the Director of Nonacademic Personnel; (3) graduate fellows; (4) resignations, declinations, and cancellations; (5) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- BORNARTH, DONALD M., Research Associate in the Control Systems Laboratory, seven months beginning February 1, 1952, \$400 a month (1-9-52).
- CHAPMAN, ASA Z., Clinical Assistant in Medicine, in the College of Medicine, eleven months beginning October 1, 1951, without salary (1-8-52).
- COPELAND, STERLING A., Research Assistant in Pediatrics, in the College of Medicine, nine months beginning December 1, 1951, \$3400 a year (1-9-52).
- DAVIS, GILBERT P., Research Assistant in Sociology, in the Graduate College, one year beginning February 1, 1952, \$3100 (1-10-52).
- DICKEY, ROBERT I., Professor of Accountancy, in the Department of Business Organization and Operation, on indefinite tenure, and Assistant Dean of the College of Commerce and Business Administration, eight months beginning January 1, 1952, \$840 a month, supersedes (12-21-51).
- FILBEY, EDWARD J., Professor of Accountancy, on one-half time, beginning December 1, 1951, and continuing through January 31, 1952, \$240 a month (12-28-51).
- FROEB, HERMAN F., Clinical Assistant in Medicine, in the College of Medicine, nine months beginning December 1, 1951, without salary (1-8-52).
- GAGE, MAXWELL, Visiting Assistant Professor of Geology, ten months beginning September 1, 1952, \$5500 (12-18-51).
- GAIER, EUGENE L., Research Associate in Psychology, in the Graduate College, eight months beginning January 1, 1952, \$5200 a year, supersedes (12-12-51).
- GAY, GRETA P., Research Assistant in Education, eight months beginning January 1, 1952, \$2800 a year, supersedes (12-12-51).
- GEILER, RONALD S., Research Associate in the Control Systems Laboratory, seven months beginning February 1, 1952, \$400 a month (1-9-52).
- GRAHAM, HENRY I., Clinical Assistant in Medicine, in the College of Medicine, eleven months beginning October 1, 1951, without salary (12-27-51).
- GREEN, ALFRED G., Clinical Instructor in Psychiatry, in the College of Medicine, nine months beginning December 1, 1951, without salary (12-19-51).
- HALL, BUFORD, Clinical Assistant in Medicine, in the College of Medicine, eight months beginning January 1, 1952, without salary (1-8-52).
- HANCOCK, ROBERT S., Instructor in Marketing, in the Department of Business Organization and Operation, on three-fourths time, for the academic year beginning September 1, 1951, \$2550, on leave of absence for military service (12-7-51).
- HARRIS, AUDREY A., Clinical Assistant in Clinical Speech, in the Department of Otolaryngology, in the College of Medicine, ten months beginning November 1, 1951, without salary (1-4-52).

- HOUTZ, SARA JANE, Research Assistant in Physical Medicine and Rehabilitation, in the College of Medicine, eight months beginning January 1, 1952, \$333.33 a month (1-9-52).
- INOUE, NORMAN S., Research Associate in the Control Systems Laboratory, seven months beginning February 1, 1952, \$400 a month (1-9-52).
- JOHNS, WILLIAM D., JR., Research Assistant in Geology, in the Graduate College, six months beginning January 1, 1952, \$375 a month, supersedes (12-13-51).
- JUDY, WILLIAM S., Instructor in Radiology, in the College of Medicine, nine months beginning December 1, 1951, \$6000 a year, supersedes (12-21-51).
- KLARE, GEORGE R., Research Associate in Psychology, in the Graduate College, eight months beginning January 1, 1952, \$5800 a year (12-12-51).
- KLIGERMAN, CHARLES, Clinical Instructor in Psychiatry, in the College of Medicine, beginning December 15, 1951, and continuing through August 31, 1952, without salary (12-12-51).
- KNABLE, NORMAN, Research Associate in the Control Systems Laboratory, ten months beginning November 1, 1951, \$575 a month, supersedes (12-27-51).
- KROTOSZYNSKI, BOGUSLAW, Research Associate in Clinical Science, in the College of Medicine, eleven months beginning October 1, 1951, \$3600 a year (12-19-51).
- KUHLMAN, CLARA ANN, Bibliographer, with rank of Instructor, in the Library, seven months beginning February 1, 1952, \$305 a month, supersedes (1-4-52).
- LICHTENSTEIN, BEN W., Clinical Professor of Neurology, in the Department of Neurology and Neurological Surgery, in the College of Medicine, eight months beginning January 1, 1952, without salary (1-8-52).
- LONGACRE, ANDREW, Research Professor of Physics (C), eight months beginning January 1, 1952 (on Y basis), \$13,800 a year, and Professor of Physics (C), on indefinite tenure beginning September 1, 1952, to render service during each academic year, \$9000 a year, supersedes (12-21-51).
- LUCY, ERNEST S., Research Assistant in Sociology, in the Graduate College, one year beginning February 1, 1952, \$3100, supersedes (1-10-52).
- MIKLAS, HELEN P., Infrared Spectroscopist in the Department of Chemistry, eight months beginning January 1, 1952, \$325 a month (1-4-52).
- MILROY, JOHN J., Clinical Assistant in Surgery, in the College of Medicine, beginning January 2, 1952, and continuing through August 31, 1952, without salary (1-9-52).
- NORBERG, RICHARD E., Research Associate in the Control Systems Laboratory, eight months beginning January 1, 1952, \$600 a month, supersedes (1-12-52).
- PETERSON, THERESA J., Acting Director of Nursery School, in the Division of Special Services for War Veterans, nine months beginning December 1, 1951, or until a new Director is appointed, if earlier, to render service during the academic year, \$4700 a year, supersedes (12-21-51).
- PIRANI, CONRAD L., Associate Professor of Pathology, in the College of Medicine, and Associate Pathologist in the Research and Educational Hospitals, on indefinite tenure beginning July 1, 1952, \$9000 a year, supersedes (1-9-52).
- REECE, ERNEST J., Visiting Professor of Library Science in the Library School, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$500 a month (1-9-52).
- RIIT, JACK A., Research Associate in the Control Systems Laboratory, seven months beginning February 1, 1952, \$400 a month (1-9-52).
- RUBIN, MRS. BUNNY R., Assistant in Clinical Speech, in the Department of Otolaryngology, in the College of Medicine, beginning December 10, 1951, and continuing through August 31, 1952, \$3150 a year (1-4-52).
- SCHILLER, ALFRED A., Associate Professor of Physiology, in the College of Medicine, on indefinite tenure beginning December 1, 1951, to render service during each academic year, \$7000 a year, supersedes (1-9-52).
- SHATKIN, MRS. JOYCE, Research Assistant in Medicine, in the College of Medicine, eight months beginning January 1, 1952, \$283.33 a month (12-27-51).
- SHORE, FERDINAND J., Research Assistant in Physics (S), beginning January 1, 1952, and continuing through June 15, 1952, \$300 a month (1-10-52).
- SMITH, LEONARD R., Assistant in Surgery, in the College of Medicine, one year beginning July 1, 1951, without salary (1-8-52).

- SOUTHWICK, HARRY W., Instructor in Surgery, in the College of Medicine, on two-thirds time, six months beginning January 1, 1952, \$250 a month, supersedes (1-10-52).
- SPIERLING, HERBERT C., Research Associate in the Control Systems Laboratory, seven months beginning February 1, 1952, \$400 a month (1-9-52).
- TETON, JOSEPH B., Clinical Assistant Professor of Obstetrics and Gynecology, in the College of Medicine, and Gynecological Consultant in the Health Service, in the Chicago Professional Colleges, on one-tenth time, one year beginning September 1, 1951, \$950, supersedes (12-18-51).
- THEISS, EDWIN L., Professor of Accountancy, on one-half time, beginning December 1, 1951, and continuing through January 31, 1952, \$280 a month (12-28-51).
- TOUCHBERRY, ROBERT W., Assistant Professor of Dairy Cattle Genetics (Dairy Science) (C and S), on 56/100 time, two years beginning September 1, 1951, \$3200 a year; in addition to \$2500 a year paid by the United States Department of Agriculture for which the University assumes no responsibility, supersedes (12-18-51).
- TROGDON, RAY L., Research Associate in the Control Systems Laboratory, eight months beginning January 1, 1952, \$500 a month (1-4-52).
- VALAITIS, JONAS, Clinical Assistant in Pathology, in the College of Medicine, eight months beginning January 1, 1952, without salary (1-4-52).
- WESTON, JANET L., Assistant Professor of Economics, beginning March 1, 1952, and continuing through August 31, 1953, to render service during each academic year, \$5200 a year, supersedes (12-28-51).
- WILLIAMS, DAVID D., Assistant in Physiology, beginning December 1, 1951, and continuing through June 15, 1952, to render service during the academic year, \$266.66 a month, supersedes (12-18-51).
- WISS, EDWARD J., Clinical Assistant in Medicine, in the College of Medicine, nine months beginning December 1, 1951, without salary (1-9-52).
- WOLFOVITZ, JACOB, Visiting Research Professor of Statistics, in the Graduate College, five months beginning February 1, 1953, to render service during the second semester of the academic year, \$1,100 a month (1-12-52).
- WOODS, BILL M., Instructor in Library Science, and Map Librarian in the Library, seven months beginning February 1, 1952, \$350 a month, supersedes (1-8-52).
- ZIPPRICH, JAMES C., Catalog Assistant in the Library, eight months beginning January 1, 1952, \$3225 a year (12-19-51).
- ZIVIN, SIMON, Research Associate in Medicine, in the College of Medicine, beginning October 29, 1951, and continuing through January 19, 1952, \$338 a month (12-28-51).

APPOINTMENTS MADE BY THE DIRECTOR OF NONACADEMIC PERSONNEL

(The following appointments to supervisory positions of upper level responsibility were made by the Director of Nonacademic Personnel.)

- PURNELL, ISABELLE SARAH, Research Program Administrative Assistant in the Department of Psychology, beginning December 10, 1951, at an annual salary of \$4500.
- TWITCHELL, MRS. NADYNE M., Assistant Food Production Manager, Residence Halls, beginning December 11, 1951, on two-thirds time, at an annual salary of \$2850, and perquisites amounting to \$84 a year.

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on December 14, 1951, except where other dates are indicated in parenthesis.)

- ADAMS, JOHN G., Roche and Bristol Research Fellow in Pharmacology, in the College of Medicine, eight months beginning January 1, 1952, \$200 a month, supersedes (1-9-52).
- ARNHEIM, JOANNE, Fellow in Chemistry, February 1-June 15, 1952, \$350.
- BAILEY, GLENN C., Fellow in Physics, February 1-June 15, 1952, \$350.
- BLINDT, JOHN J., Fellow in Education, February 1-June 15, 1952, \$500.
- BONE, QUENTIN, Fellow in History, February 1-June 15, 1952, \$425.
- BRENNAND, CHARLES, Fellow in Music, February 1-June 15, 1952, \$350.

- BRESLER, JACK B., Fellow in Zoology, February 1-June 15, 1952, \$425.
 BROCKHOUSE, ROBERT B., Fellow in Geology, February 1-June 15, 1952, \$425.
 CABE, J. CARL, JR., Fellow in Economics, February 1-June 15, 1952, \$500.
 CUNNINGHAM, HELEN, Fellow in Chemistry, February 1-June 15, 1952, \$350.
 DOEBEL, PAUL J., JR., Fellow in Economics, February 1-June 15, 1952, \$350.
 EISENBERG, RALPH, Fellow in Political Science, February 1-June 15, 1952, \$350.
 ELLIOTT, NORMAN J., Galvin Motors Fellow in Electrical Engineering, February 1-June 15, 1952, \$375.
 FANG, FABIAN TIEN-HWA, Fellow in Chemistry, February 1-June 15, 1952, \$350.
 FRANKEL, HYMAN H., Fellow in Sociology, February 1-June 15, 1952, \$500.
 GADD, NELSON R., Fellow in Geology, February 1-June 15, 1952, \$500.
 GIBSON, HUGH D., Fellow in Art, February 1-June 15, 1952, \$350.
 HARRIS, HENRY S., Fellow in Philosophy, nine months beginning September 16, 1951, \$850, supersedes (1-8-52).
 HOPKINS, THEODORE E., Fellow in Chemistry, February 1-June 15, 1952, \$350.
 JUNK, WILLIAM A., JR., Fellow in Chemical Engineering, February 1-June 15, 1952, \$500.
 KAO, RICHARD CHIEN-WEN, Fellow in Agricultural Economics, February 1-June 15, 1952, \$500.
 LARSON, ARTHUR Q., JR., Fellow in History, February 1-June 15, 1952, \$500.
 LO, YUEN TZE, Fellow in Electrical Engineering, February 1-June 15, 1952, \$500.
 LURIA, MRS. ZELLA, Ford Foundation Postdoctoral Fellow in Psychology, one year beginning November 1, 1951, \$4400 (12-17-51).
 MANNHEIM, BETTY F., Fellow in Sociology, February 1-June 15, 1952, \$350.
 MOOREFIELD, HERBERT H., Fellow in Entomology, February 1-June 15, 1952, \$425.
 MOSS, SIDNEY P., Fellow in English, February 1-June 15, 1952, \$425.
 NEVINS, RALPH G., JR., Fellow in Mechanical Engineering, February 1-June 15, 1952, \$425.
 NOLTE, RALPH C., JR., Fellow in Library Science, February 1-June 15, 1952, \$350.
 PRIEST, RICHARD E., Fellow in Mathematics, February 1-June 15, 1952, \$425.
 PUNNETT, THOMAS R., JR., Fellow in Physico-Chemical Biology, February 1-June 15, 1952, \$425.
 SABBRY, ALY A., Fellow in Civil Engineering, February 1-June 15, 1952, \$500.
 SACKS, MARTIN, Fellow in Zoology, February 1-June 15, 1952, \$500.
 SCOTT, JOHN T., JR., Fellow in Agronomy, February 1-June 15, 1952, \$425.
 SHIH, KUNG-SING, Fellow in Mathematics, February 1-June 15, 1952, \$425.
 SHOUKRY, ALY S., Fellow in Civil Engineering, February 1-June 15, 1952, \$500.
 SMOLENSKI, STANISLAUS J., Fellow in Pharmacognosy, in the College of Pharmacy, nine months beginning December 1, 1951, \$1125 (1-8-52).
 STEPHENS, RALPH R., JR., Mallinckrodt Research Fellow in Pharmacology, in the College of Medicine, four months beginning December 1, 1951, \$100 a month (12-12-51).
 SUZUKI, MICHIO, Fellow in Mathematics, February 1-June 15, 1952, \$500.
 THOMPSON, WENDELL J., Fellow in Aeronautical Engineering, February 1-June 15, 1952, \$350.
 VALACH, JAMES S., Fellow in Civil Engineering, February 1-June 15, 1952, \$350.
 WALSH, MICHAEL J., Fellow in Mathematics, February 1-June 15, 1952, \$500.
 WORTH, GEORGE J., Fellow in English, February 1-June 15, 1952, \$425.

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- ARNHEIM, JOANNE, Fellow in Chemistry — declination effective 2-1-52.
 BERSON, ROBERT C., Assistant Professor of Medicine, in the College of Medicine — resignation effective 12-31-51.
 DILLEY, NORMAN E., Instructor in Education — resignation effective 3-1-52.
 GOLDHOR, HERBERT, Associate Professor of Library Science — resignation effective 3-1-52.
 HACKMAN, MARTHA L., Assistant Reference Librarian, with rank of Instructor — resignation effective 1-7-52.
 HILEMAN, DONALD G., Instructor in Journalism and Communications — resignation effective 2-28-52.
 HOGG, MALCOLM W., Assistant Professor of Economics — resignation effective 2-1-52.

- JAMIESON, JOHN R., JR., Research Associate in Mechanical Engineering (S) — resignation effective 12-31-51.
- JUNK, WILLIAM A., JR., Fellow in Chemical Engineering — declination effective 2-1-52.
- KEMPE, LLOYD L., Assistant Professor of Food Engineering (Food Technology) (C and S) — resignation effective 3-1-52.
- MAGEE, DONALD F., Research Associate in Clinical Science, in the College of Medicine — resignation effective 1-1-52.
- MOHAN, JAMES T., Assistant in Social Science, in the Division of General Studies — resignation effective 1-1-52.
- MURDOCK, KEITH C., Fellow in Chemistry — resignation effective 2-1-52.
- O'SULLIVAN, JOHN, Fellow in Accountancy — resignation effective 2-1-52.
- PASCHKES, ERICH, Clinical Assistant Professor of Psychiatry, in the College of Medicine — resignation effective 12-15-51.
- SANBORN, RICHARD C., Assistant Professor of Entomology, in the Graduate College, resignation effective 3-1-52.
- SMITH, VICTOR H., Assistant in Radiology, in the College of Medicine — resignation effective 9-1-51.
- SUNDIN, HJALMAR S., Instructor in Civil Engineering (C) — resignation effective 3-1-52.
- THOMPSON, WENDELL J., Fellow in Aeronautical Engineering — declination effective 2-1-52.
- TONKIN, WILLIAM M., Counselor in the Division of Special Services for War Veterans — resignation effective 1-1-52.
- VINSON, EDDIE B., Fellow in Entomology — resignation effective 1-31-52.
- WHITE, MRS. ELWANDA D., Assistant in Home Economics (S) — resignation effective 1-16-52.
- WRIGHT, DONOVAN, Assistant Professor of Psychiatry, in the College of Medicine — cancellation effective 9-1-51.

LEAVES OF ABSENCE

- ARMSTRONG, GRACE B., Associate Professor of Foods and Nutrition (Home Economics) (E) — leave of absence with salary for six months beginning March 1, 1952, and without salary from September 1, 1952, and continuing until further notice, on account of disability.
- BRUCK, HELEN, Clinical Instructor in Orthopaedic Nursing, in the School of Nursing — leave of absence without salary for one month beginning December 1, 1951, to serve as a Visitor for the National Nursing Accrediting Service.
- EDMAN, MARJORIE, Instructor in Animal Nutrition — leave of absence with pay for six weeks from December 18, 1951, because of illness.
- HUEGY, HARVEY W., Professor of Marketing, in the Department of Business Organization and Operation — leave of absence without salary from March 1 through August 31, 1952, to serve on a mission to Ireland.
- LOCKLIN, D. PHILIP, McKinley Professor of the Economics of Public Utilities — leave of absence without pay during the academic year 1952-1953, so that he may accept a temporary appointment as Visiting Professor of Transportation at the University of California.
- NEWCOMER, HALE L., Professor of Accountancy, in the Department of Business Organization and Operation — leave of absence with pay from November 17, 1951, through May 17, 1952, on account of illness.
- OHLSEN, MERLE M., Associate Professor of Education, and Head of Student Teaching, on the University Council on Teacher Education — leave of absence without pay from August 1 to August 15, 1952, so that he may accept a summer session appointment at Boston University.
- RANZ, WILLIAM E., Assistant Professor of Chemistry — leave of absence without pay for one year from September 1, 1952, to permit him to study abroad during that period.
- STENDLER, CELIA B., Professor of Education, in the Bureau of Research and Service — leave of absence without pay during the month of August, so that she may accept a 1952 summer appointment at Teachers College, Columbia University.

STRAUB, FRED G., Research Professor of Chemical Engineering (S) — leave of absence with pay for six weeks in the fall of 1952 so that he may attend an international congress to be held in Paris.

TRIMBLE, HAROLD D., Associate Professor of Education, on the University Council on Teacher Education — leave of absence with pay from November 7, 1951, through May 6, 1952, on account of disability.

FEBRUARY MEETING

On motion of Mr. Johnston, the Board voted to hold its next meeting in the LaSalle Hotel, Chicago, Illinois, on Thursday, February 14, 1952, beginning at 11:45 a.m.

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

February 22, 1952



The February meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Friday, February 22, 1952, beginning at 10:30 a.m.

The following members of the Board were present: President Livingston, Mr. Forno, Mr. Herrick, Mr. Hickman, Mr. Johnston, Mr. Nickell, and Mrs. Watkins.

Also present were Provost Coleman R. Griffith, Dean E. R. Serles, Mr. Ralph F. Lesemann, Legal Counsel, Mr. J. F. Wright, Director of Public Information, Mr. C. Lincoln Williston, Manager of Public Information for the Chicago Professional Colleges, Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of January 21, 1952, press proof copies of which have been sent to all members of the Board in advance of this meeting.

On motion of Mr. Johnston, these minutes were approved as printed on pages 1335 to 1354, inclusive.

REPORT OF THE EXECUTIVE COMMITTEE

The Secretary presented the following report.

**Meeting of the Executive Committee of the Board of Trustees
of the University of Illinois
February 14, 1952**

On call of the Chairman, a meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the Illini Center in the LaSalle Hotel, Chicago, Illinois, on Thursday, February 14, 1952, beginning at 11:00 a.m., for the purpose of awarding the issue of the new University of Illinois \$1,750,000 Urbana-Champaign Residence Halls Bonds, Series of 1952.

Mr. Park Livingston, Chairman, and Mrs. Frances B. Watkins of the Executive Committee were present; also present were President George D. Stoddard, Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Assistant Comptroller, Mr. P. Alden Bergquist, Assistant Cashier of the Bond Department of the First National Bank of Chicago, Mr. A. J. Janata, Secretary of the Board, and several representatives of investment bankers bidding on the bond issue.

The following bids, received pursuant to public notice, were opened:

<i>Bidder</i>	<i>Interest Rates</i>	<i>Net Interest Cost</i>	<i>Effective Interest Rate</i>
John Nuveen & Co. Stranahan, Harris & Co. Dempsey & Company Merrill, Lynch, Pierce, Fenner & Beane A. C. Allyn & Company, Inc. Hornblower & Weeks Stifel, Nicolaus & Co., Inc. R. J. Edwards, Inc.	3% and 3¼%	\$979 177 50	3.08305%
Blyth & Co., Inc. The Milwaukee Co. Harris, Hall & Co., Inc. F. S. Yantis & Co., Inc. First of Michigan Corp. F. S. Moseley & Co. Farwell, Chapman & Co. Paul H. Davis & Co. Burns, Corbett & Pickard, Inc. McDonald-Moore & Co.	3%, 3¼%, and 4%	\$1 019 823 75	3.211%
White, Weld & Co. B. J. VanIngen & Co. Paine, Webber, Jackson & Curtis Central Republic Company, Inc. The Illinois Company Blunt, Ellis & Simmons Bacon, Whipple & Co. Mullaney Wells & Co.	3%, 3¼%, and 3½%	\$1 039 850 00	3.33%

Comptroller Morey stated that the bid of John Nuveen and Company, representing a syndicate of bidders, meets all of the conditions of the bidding and represents the lowest interest cost to the University.

On motion of Mrs. Watkins, the Executive Committee voted to award the bond issue to John Nuveen and Company and Associates, including also: Stranahan, Harris, and Company; Dempsey and Company; Merrill, Lynch, Pierce, Fenner, and Beane; A. C. Allyn and Company, Inc.; Hornblower and Weeks; Stifel, Nicolaus, and Co., Inc.; and R. J. Edwards, Inc.

John Nuveen and Company later designated the American National Bank

and Trust Company of Chicago, 33 North LaSalle Street, Chicago, Illinois, as its paying agent.

The Executive Committee adjourned.

FRANCES B. WATKINS

A. J. JANATA
Clerk

PARK LIVINGSTON
Chairman

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following reports and recommendations from the President of the University presented in his absence by the Provost.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who have qualified under Section 4b of the Accountancy Act of 1943, as amended, by passing a written examination given on December 6, 1951, by the Special Board of Examiners provided for in this Act.

HYMAN COHEN (Chicago)

MARVIN EDWARD KOHLHASE
(Rock Island)

The following candidates have also qualified under this Section by passing examinations given by the Special Board of Examiners at various times prior to December 6, 1951. The certificates of these candidates were invalidated by the Circuit Court of Cook County in 1951 holding Section 4b of the Accountancy Act as originally passed unconstitutional. Subsequently, the Section was amended and is now free from constitutional objection. These candidates have again qualified but new certificates will have to be issued.

ALBERT EDWARD BLUMBERG (Chicago)

JOHN NEPOM HORWATH (Chicago)

ASA BOOKER BUTLER (Chicago)

LOYD C. LARSON (Chicago)

BURTON THOMAS COOKE (LaSalle)

MONROE L. MENDELSON (Chicago)

FRED ELLIOTT (Chicago)

WARREN S. PALMER (Chicago)

LYNN WILLIAM FRAYN (Chicago)

JOSEPH ELMORE PEHLMAN

WILLIAM WHITING GRIDLEY

(Springfield)

(Wilmette)

MAURICE CHARLES RIFKIN (Chicago)

HARRY HIESER (Colorado Springs,
Colorado)

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
HUGH MORGAN CAMPBELL	Kenilworth	New York
JOHN B. ENGELBREIT	Kalamazoo, Michigan	Michigan
LYNN GEORGE SAHLIN	Milwaukee, Wisconsin	Wisconsin
JOSEPH ERNEST VINCK	Palos Heights	New York
GORDON LYNN WRIGHT, JR.	Mattoon	Oklahoma

I concur.

On motion of Mr. Nickell, these certificates were awarded.

MEDICAL SOCIAL WORK IN THE COLLEGE OF MEDICINE

The President of the University presented recommendations for the establishment of a Department of Medical Social Work in the College of Medicine and the appointment of Mary Louise Hemmy as Associate Professor of Medical Social Work and Head of the Department.

On motion of Mr. Johnston, action on these two recommendations was deferred.

**TRAINING OF MEDICAL SOCIAL WORKERS FOR DIVISION
OF SERVICES FOR CRIPPLED CHILDREN**

(2) The Division of Services for Crippled Children is in need of medical social workers specially trained for working with crippled children. To provide for the training of such personnel, the Division in 1947 entered into an agreement with the School of Social Service Administration of the University of Chicago for a medical social training program whereby planned experience and classroom instruction could be secured by both medical social and other social work students and practicing medical social workers. Federal funds from the Children's Bureau are available to pay for this training.

Heretofore, this plan has covered only the basic training program at the undergraduate level. The Director of the Division has requested extension of this plan to provide for training at the graduate level. Accordingly, I have approved a supplemental agreement with the University of Chicago School of Social Service Administration whereby scholarships will be provided for one or more students in the amount of \$800 per quarter for a three-quarter academic year for graduate training in this specialty of medical social service. The cost will be paid from federal funds provided by the Children's Bureau and available for this purpose.

I request confirmation of this action.

On motion of Mr. Johnston, the President's action was confirmed.

HEADSHIP OF DEPARTMENT OF FRENCH

(3) Professor Joseph F. Jackson has asked to be relieved of his administrative duties as Head of the Department of French in order to devote all of his time to teaching and scholarship. Accordingly I recommend that Professor Jackson be relieved of the headship of the Department effective March 1, 1952, without change in salary, and that Professor Joseph R. Smiley be appointed Head of the Department of French on indefinite tenure, effective March 1, 1952, at a salary of \$8,740 a year (on "A" basis).

On motion of Mrs. Watkins, these recommendations were approved.

**APPOINTMENT OF LEE PAUL EILBRACHT AS ACTING
BASEBALL COACH**

(4) On recommendation of the Director of Athletics and the Board of Directors of the Athletic Association, I have approved the appointment of Mr. Lee P. Eilbracht as Acting Baseball Coach for the 1952 baseball season, February 1 to June 1, 1952, at a salary of \$3,000. This temporary appointment does not include any teaching duties.

On motion of Mr. Hickman, the action of the President of the University and of the Board of Directors of the Athletic Association in approving this appointment was confirmed.

APPROPRIATION FOR GRADUATE FELLOWSHIPS FOR 1952-1953

(5) It is necessary that the funds the University has available for graduate fellowships for 1952-1953 be committed at this time so that fellowship awards can be made and announced by April 1, 1952. Accordingly, on request of the Dean of the Graduate College, I recommend that:

(a) An appropriation of \$150,000 be made for the academic year 1952-1953.

(b) The stipend for first-year fellows be increased from \$700 to \$800 and for second-year fellows from \$850 to \$900. Third-year fellows receive \$1,000 and no change in this stipend is proposed.

(c) Appointment to a fellowship includes exemption from the payment of tuition fees for the academic year of the fellowship and the summer session immediately following.

On motion of Mr. Johnston, these recommendations were approved and the appropriation was made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mrs. Holt, Mr. Megran, Mr. Stevenson.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(6) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

1. Remodeling in Mechanical Engineering Laboratory.....	\$12 000
2. Fire protection for Betatron and Cyclotron.....	2 300
3. Remodeling in Huff Gymnasium.....	5 100
4. Equipment for Department of Anatomy and remodeling in Research and Educational Hospitals, Chicago Professional Colleges.....	12 021
5. Bookkeeping machine for Business Office, Chicago Professional Colleges.....	3 717
<i>Total</i>	<u>\$35 138</u>

I recommend that these appropriations be made from the General Reserve Fund.

On motion of Mr. Nickell, these appropriations were made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mrs. Holt, Mr. Megran, Mr. Stevenson.

CONTRACT FOR ADDITION TO MACHINE SHED ON WRIGHT FARM

(7) The Dean of the College of Agriculture and the Comptroller recommend the award of a contract for \$2,897.08 to the Alexander Lumber Company, Shabbona, Illinois, the lowest bidder, for an addition to the machine shed on Wright Farm No. 4 in DeKalb County to provide needed space for storage of machinery and a garage for the tenant.

Funds are available for this contract in accumulated income from the farm operation.

I concur.

On motion of Mr. Herrick, this contract was authorized.

CERAMIC ENGINEERING SCHOLARSHIP TRUST FUND

(8) On October 29, 1943, the Board of Trustees authorized the establishment of a Ceramic Scholarship Trust Fund to encourage worthy high school graduates to major in ceramic engineering, thus helping to meet the great demand of industry for personnel trained in this field. Sources of funds are grants from industry, from industrial and professional organizations, and from funds given to the University for cooperative research projects.

To date approximately forty donors have contributed \$15,330.05 to this fund. Investment of it has yielded \$833.17 in interest. Scholarships, awards, and other expenses total \$881.86. As of November 30, 1951, there was a balance of \$15,281.36. The Head of the Department of Ceramic Engineering and the Dean of the College of Engineering recommend that the regulations adopted by the Board on October 29, 1943, be revised as follows:

(a) Increase the period of the scholarship from two to four years, but not beyond receipt of the bachelor's degree.

(b) Extend eligibility to any candidates, including students already enrolled in the University, who have not previously been enrolled in the curriculum in ceramic engineering. Scholarships are now limited to candidates who have not previously been enrolled in the University.

I concur in these changes.

On motion of Mr. Hickman, these changes were approved.

PURCHASES

(9) The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 200 MA-125 PKV X-ray unit with transformer and pedestal type control, telescoping tower, and spot film attachment	Research and Educational Hospitals, Chicago Professional Colleges	Kelley-Koett Manufacturing Co., Chicago	\$10 361 65 f.o.b. delivered and installed

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One National typewriting bookkeeping machine—32-06-10 (38) 20" (this is a replacement)	Business Office, Chicago Professional Colleges	National Cash Register Co., Chicago	3 716 35 f.o.b. delivered and installed
1500 electron tubes No. 2C51	Graduate College Computer	Western Electric Co., New York, N.Y.	5 550 00 f.o.b. Allentown, Pa.
One lot optical and metallurgical specimen equipment	Mining and Metallurgical Engineering	Adolph I. Buehler, Chicago E. H. Sargent & Co., Chicago A. S. LaPine & Co., Chicago	2 443 00 810 00 635 00 (3 888 00) f.o.b. delivered
Two tape recorders ampex 300-R complete with meter control panels	University Broadcasting	Newark Electric Co., Chicago	3 479 00 f.o.b. delivered
35 dozen paint brushes containing 100 per cent pure China bristle	Physical Plant	Jordan Paint Co., Champaign DeMert & Dougherty, Chicago	3 144 50 1 033 71 f.o.b. delivered
7500 board feet Northern white pine, rough, kiln dried 17,500 board feet Ponderosa pine, rough, kiln dried 4910 board feet Ponderosa pine, eased edges, square end trimmed, kiln dried	Physical Plant	Elgin Lumber & Supply Co., Elgin	8 854 09 f.o.b. Urbana

On motion of Mr. Fornof, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(10) The Comptroller's report of contracts executed during the period January 1 to 31, 1952.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
United States Navy	N600 s-p-19314	Rates per contract	September 1, 1950
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Herman E. Iverson	Tuckpointing the nurses' home—Chicago Campus	\$2 310 00	December 21, 1951
Bosley Wrecking Co.	Demolition of building in Medical Center District	1 885 00	December 18, 1951
Jacoby General Contractors	Repair incinerator and construct chimney in Medical Center District	1 735 00	December 10, 1951
Otis Elevator Co.	Repair elevators in Research and Educational Hospitals	1 199 00	November 19, 1951
Northern Illinois Water Corp.	Install 6" water main in staff housing area	1 097 00	November 28, 1951
<i>Contract Changes</i>			
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
American Gas Association	Study of air duct systems	\$10 000 00	January 21, 1952
Public Service Company of Northern Illinois	Study of electric power to field operations	6 750 00	December 5, 1951
Technical Board of the Wrought Steel Wheel Industry	Study of steel car wheels	23 000 00	December 21, 1951
National Warm Air Heating and Air Conditioning Association	Study of warm air furnace heating	32 165 00	January 17, 1952

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
David Hofbauer	Lease of the North Carter-Pennell Farm	Rates per contract	November 1, 1951

Adjustments Made in Authorizations Issued Under 1950-1951 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. N. DeAtley (general work)	Noyes Laboratory remodeling, renovation, and modernization	\$586 00	January 4, 1952
Reliable Plumbing & Heating Co.	Bevier Hall remodeling	195 87 ¹	January 3, 1952
Schroeder's (sheet metal work)	Bevier Hall remodeling	4 03 ¹	January 16, 1952
Clarence H. Siems (general work)	Geography storeroom	135 00	December 4, 1951
Square Deal Electric	Radiocarbon Laboratory expansion	173 36	December 28, 1951
	Changes in administrative offices	136 44	December 26, 1951
	Sub-total	(309 80)	

Adjustments Made in Authorizations Issued Under 1951-1952 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	Genetics—Small Animal Building	\$827 28	December 20, 1951
	Robert Allerton Park remodeling and equipment	365 54	December 17, 1951
	Changes in administrative offices	330 00 ¹	January 17, 1952
	Penthouse and mechanical equipment room in Mechanical Engineering Building	73 02	September 26, 1951
	Sub-total	(935 84)	
Clyde E. Gates (general work)	Robert Allerton Park remodeling and equipment	3 871 88	December 17, 1951
	Changes in administrative offices	4 184 39	November 24, 1951
	Penthouse and mechanical equipment room in Mechanical Engineering Building	205 00	September 26, 1951
	Sub-total	(8 261 27)	
Ervin G. Lindsey (plastering)	57 minor items from \$7.08 to \$500.00	4 888 64	January, 1952
	Room 121 Armory	1 900 00	January 5, 1952
	Sub-total	(6 788 64)	
Reliable Plumbing & Heating Co.	Genetics—Small Animal Building	137 63	December 20, 1951
	Robert Allerton Park remodeling and equipment	2 204 99	December 17, 1951
	Penthouse and mechanical equipment room in Mechanical Engineering Building	4 350 00	September 26, 1951
	Sub-total	(6 692 62)	
Schroeder's (sheet metal work)	Harker Hall remodeling	530 00	January 7, 1952
	Penthouse and mechanical equipment room in Mechanical Engineering Building	1 907 14	September 26, 1951
	Sub-total	(2 437 14)	

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(11) The Comptroller presents his quarterly report to the Board as of December 31, 1951.

This report was received for record and a copy has been filed with the Secretary.

**REPORT ON PROFESSIONAL SERVICES FOR
WATER RATES LITIGATION**

(12) On July 25, 1951, the Board of Trustees authorized the employment, jointly with the cities of Urbana and Champaign, of an accounting firm and legal counsel to represent the three interests in hearings before the Illinois Commerce Commission on a request for increased water rates by the Northern Illinois Water Corporation. The accounting firm of George Rossetter and Company, Chicago,

¹ Deduct.

and the law firm of Milliken, Vollers, and Parsons, Chicago, were employed. It was estimated that the total accounting and legal fees would be approximately \$5,000. The University agreed to pay 30 per cent; the city of Champaign, 40 per cent; and the city of Urbana, 30 per cent of the total cost.

The amount of work required in these hearings has exceeded expectations and the revised estimate of cost is \$10,000. The cities of Champaign and Urbana will pay their proportionate shares of additional cost. The University's share is now estimated at \$3,000.

I recommend authorization of payment of the additional costs incurred. Funds are available in the Physical Plant operating budget.

On motion of Mrs. Watkins, this payment was authorized.

PAYMENTS TO MEDICAL CENTER STEAM COMPANY

(13) In the organization of the Medical Center Steam Company, expenses of \$21,742.53 were incurred in the issuance and delivery of the bonds to finance construction of the plant, \$6,850 for legal services (financing, group organization matters, and land acquisition), and \$519.40 in the issuance of class A stock. These costs, totaling \$29,111.93, have been checked by the Business Office and found reasonable. They can be capitalized and amortized through annual charges to the University. This would require additional record keeping and approval by the Illinois Commerce Commission.

Funds totaling \$69,724.48 have accumulated from the sale of land by the University to the Medical Center Steam Company, and may be applied to pay directly the charges described above. The balance may be paid as an "aid to construction," thus reducing the amount the Medical Center Steam Company must borrow for the construction of the steam plant and hence reducing the interest cost to the University.

The Comptroller recommends the latter procedure and the appropriation of \$69,724.48 from the proceeds of the sale of land to the Medical Center Steam Company to be applied: (a) for costs of organizing the Medical Center Steam Company, issuance of bonds and legal services, \$29,111.93; (b) as an aid to construction to reduce the amount the Company must borrow to pay for the steam plant, \$40,612.55.

I concur.

On motion of Mr. Herrick, this recommendation was approved and the appropriation was made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mrs. Holt, Mr. Megran, Mr. Stevenson.

BUSINESS RELATING TO RESIDENCE HALLS BOND ISSUE

The Board considered the following matters of business presented by the Executive Committee and by the Chairman of the Finance Committee relating to the new issue of Urbana-Champaign Residence Halls Bonds.

SALE OF RESIDENCE HALLS BOND ISSUE

Bids were received, pursuant to public notice, for the issue of \$1,750,000 University of Illinois Urbana-Champaign Residence Halls Revenue Bonds, Series of 1952, and were opened at a meeting of the Executive Committee of the Board of Trustees held in the Illini Center of the LaSalle Hotel, Chicago, Illinois, on February 14, 1952.

The Executive Committee awarded the bond issue to John Nuveen and Company and Associates, including also: Stranahan, Harris, and Co.; Dempsey and Company; Merrill, Lynch, Pierce, Fenner, and Beane; A. C. Allyn and Company, Inc.; Hornblower and Weeks; Stifel, Nicolaus, and Co., Inc.; and R. J. Edwards, Inc., whose bid meets all conditions of the bidding and represents the lowest interest cost to the University.

The Executive Committee, therefore, recommends that the bonds be sold to John Nuveen and Company and Associates at par plus a premium of \$35 and interest rates of 3 per cent and $3\frac{1}{4}$ per cent, a net interest cost of \$979,177.50, representing an effective interest rate of 3.08305 per cent.

On motion of Mr. Fornof, the sale of these bonds, as recommended, was approved by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mrs. Holt, Mr. Megran, Mr. Stevenson.

RESOLUTION AUTHORIZING BOND ISSUE

Mr. Fornof presented a resolution authorizing the issue of revenue bonds of the University of Illinois in the principal amount of \$1,750,000 for the purpose of providing funds necessary to construct, complete, and equip certain revenue producing buildings for said University in the cities of Urbana and Champaign, Illinois, and to refund the outstanding "Men's Residence Halls Revenue Bonds of 1948" of said University in the principal amount of \$233,000 fixing the date, maturities, form, and other details of said bonds, and making covenants and provisions for the payment of said bonds and the interest thereon.

On motion of Mr. Fornof, this resolution was adopted by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mrs. Holt, Mr. Megran, Mr. Stevenson.

Resolution Authorizing the Issuance of \$1,750,000 Urbana-Champaign Residence Halls Revenue Bonds of 1952

RESOLUTION authorizing the issue of revenue bonds of the University of Illinois in the principal amount of \$1,750,000 for the purpose of providing funds necessary to construct, complete and equip certain revenue producing buildings for said University in the Cities of Urbana and Champaign, Illinois, and to refund the outstanding "Men's Residence Halls Revenue Bonds of 1948" of said University in the principal amount of \$233,000, fixing the date, maturities, form and other details of said bonds, and making covenants and provisions for the payment of said bonds and the interest thereon.

* * * *

WHEREAS the Board of Trustees of the University of Illinois on due consideration and investigation does now find and determine that it is advisable, necessary and in the interests of the University of Illinois that certain revenue producing facilities be provided for said University located in the Cities of Urbana and Champaign, Illinois, as follows:

1. The construction of additional Unit No. 1 to the Men's Residence Halls of said University located at Fourth and Gregory Drive, Champaign, Illinois, to consist of a dormitory type housing for 288 students, including lounge and recreational facilities for the residents of said Unit.
2. The construction of additional Unit No. 2 to the Men's Residence Halls located at Fourth and Gregory Drive, Champaign, Illinois, to accommodate 106 students, lounge facilities, recreational space, and food service units for 1100 students.
3. The remodeling and rehabilitation, including equipment of the existing unit of the Men's Residence Halls located at Fourth and Gregory Drive, Champaign, Illinois, to provide housing for 97 students.
4. The rehabilitation and modernization, including equipment, of the women's residences known as Busey Hall and Evans Hall located at 1111-1115 West Nevada Street, Urbana, Illinois.

and

WHEREAS this Board of Trustees of the University of Illinois has here-

tofore caused to be prepared plans and specifications for the construction, completion and equipping of said above described buildings, and plans have been approved by this Board of Trustees and are now on file in the office of the Physical Plant Department of said University at the Administration Building in the City of Urbana, Illinois; and

WHEREAS the Board of Trustees of the University of Illinois does further find and estimate that the cost of the construction, completion, equipping, rehabilitation and modernization of said buildings, hereinabove described, in accordance with bids heretofore received for that purpose, will be as follows:

1. Construction of additional Unit No. 1 to Men's Residence Halls.....	\$ 609,900
2. Construction of additional Unit No. 2 to Men's Residence Halls.....	1,144,100
3. Modernization of Busey and Evans Women's Residence Halls	25,000
4. Remodeling of existing Men's Residence Halls.....	30,000
Total	\$1,809,000
Less available University appropriations.....	292,000
Amount necessary to be borrowed for construction purposes.....	\$1,517,000

and

WHEREAS in addition to the foregoing it has heretofore been determined by this Board of Trustees of the University of Illinois that the outstanding "Men's Residence Halls Revenue Bonds of 1948" of the University of Illinois, dated March 1, 1948, numbered from 168 to 400, inclusive, due serially in each of the years 1952 to 1960, inclusive, now outstanding, and maturing after March 1, 1952, for which the revenues of the existing Men's Residence Halls located at Fourth and Gregory, in the City of Champaign, Illinois, have been pledged for their payment be refunded in order that the income from all of the said revenue producing facilities hereinabove referred to, including existing Men's Residence Halls, may be pledged for the payment of the bonds authorized by this resolution, and to that end this Board of Trustees has heretofore exercised its option in accordance with the terms of the resolution adopted on the 21st day of February, 1948, under which the outstanding Men's Residence Halls Revenue Bonds of 1948 were issued to call and redeem said outstanding bonds in the principal amount of \$233,000, and it will be necessary that this Board of Trustees borrow sufficient funds in addition to the funds necessary to pay the cost of the projects hereinabove described to pay said bonds on the redemption date of March 1, 1952; and

WHEREAS in order to produce the funds necessary to construct, complete and equip the revenue producing buildings of said University, hereinabove referred to, and refund the said outstanding Men's Residence Halls Revenue Bonds of 1948, it will be necessary that there be borrowed the sum of \$1,750,000 and in evidence thereof the revenue bonds of said University be issued; and

WHEREAS pursuant to "An Act to authorize the Board of Trustees of the University of Illinois to acquire by purchase or otherwise, construct, equip, complete, operate, control and manage student residence halls, staff housing facilities, dormitories, health and physical education buildings, or other revenue producing building or buildings, defining the duties of such Board with respect to operation and maintenance thereof, charge fees or rates for the use thereof, and providing for and authorizing the issue of bonds for the purpose of defraying the cost of construction, acquisition or equipment of any such building or buildings, payable solely from the revenues derived from the operation thereof, and for the refunding of any such bonds," approved June 30, 1945, L. 1945, p. 1753; title as amended by Act approved July 21, 1947, this Board of Trustees is authorized to issue revenue bonds for the purposes aforesaid, payable solely from the revenues to be derived from the operation of said buildings;

NOW, THEREFORE, Be It and It Is Hereby Resolved by the Board of Trustees of the University of Illinois, as follows:

SECTION 1. That it be and it is hereby determined by The Board of Trustees of the University of Illinois that it is necessary and for the best interests of the

University of Illinois that it borrow the sum of \$1,750,000 to construct, rehabilitate, complete and fully equip the revenue producing buildings, and to refund the outstanding "Men's Residence Halls Revenue Bonds of 1948" of said University in the principal amount of \$233,000, all as described in the preambles hereof, located in the Cities of Urbana and Champaign, Illinois, and in evidence thereof issue its revenue bonds in the principal amount of \$1,750,000.

SECTION 2. That said bonds shall be designated "University of Illinois Urbana-Champaign Residence Halls Revenue Bonds, Series of 1952." The said revenue bonds shall bear date of March 1, 1952, shall be numbered 1 through 1750, shall be of the denomination of \$1,000 each, bonds numbered 1 to 915, inclusive, shall bear interest at the rate of three and one-quarter per cent ($3\frac{1}{4}\%$) per annum, bonds numbered 916 to 1750, inclusive, shall bear interest at the rate of three per cent (3%) per annum, payable September 1, 1952, and semiannually thereafter on the first days of March and September of each year and until the principal thereof shall have been fully paid, and said bonds shall mature in each of the years and in amounts as follows:

<i>Maturity Dates</i>	<i>Principal Amount</i>	<i>Maturity Dates</i>	<i>Principal Amount</i>
March 1, 1954.....	\$20,000	September 1, 1968.....	\$30,000
September 1, 1954.....	20,000	March 1, 1969.....	30,000
March 1, 1955.....	20,000	September 1, 1969.....	30,000
September 1, 1955.....	20,000	March 1, 1970.....	30,000
March 1, 1956.....	20,000	September 1, 1970.....	30,000
September 1, 1956.....	20,000	March 1, 1971.....	30,000
March 1, 1957.....	20,000	September 1, 1971.....	35,000
September 1, 1957.....	20,000	March 1, 1972.....	35,000
March 1, 1958.....	20,000	September 1, 1972.....	35,000
September 1, 1958.....	20,000	March 1, 1973.....	35,000
March 1, 1959.....	25,000	September 1, 1973.....	35,000
September 1, 1959.....	25,000	March 1, 1974.....	35,000
March 1, 1960.....	25,000	September 1, 1974.....	35,000
September 1, 1960.....	25,000	March 1, 1975.....	35,000
March 1, 1961.....	25,000	September 1, 1975.....	35,000
September 1, 1961.....	25,000	March 1, 1976.....	35,000
March 1, 1962.....	25,000	September 1, 1976.....	40,000
September 1, 1962.....	25,000	March 1, 1977.....	40,000
March 1, 1963.....	25,000	September 1, 1977.....	40,000
September 1, 1963.....	25,000	March 1, 1978.....	40,000
March 1, 1964.....	25,000	September 1, 1978.....	40,000
September 1, 1964.....	25,000	March 1, 1979.....	40,000
March 1, 1965.....	25,000	September 1, 1979.....	40,000
September 1, 1965.....	25,000	March 1, 1980.....	40,000
March 1, 1966.....	30,000	September 1, 1980.....	45,000
September 1, 1966.....	30,000	March 1, 1981.....	45,000
March 1, 1967.....	30,000	September 1, 1981.....	45,000
September 1, 1967.....	30,000	March 1, 1982.....	65,000
March 1, 1968.....	30,000		

provided, however, that said bonds shall be redeemable as a whole or in part, prior to their maturity, in the inverse order in which they mature, on any interest payment date at the option of The University of Illinois on or after March 1, 1957, and up to and including September 1, 1960, at par and accrued interest, and a premium of four per cent (4%) of the principal amount thereof; at par and accrued interest, and a premium of three per cent (3%) of the principal amount thereof if redeemed on March 1, 1961, or on any interest payment date thereafter up to and including September 1, 1964; at par and accrued interest, and a premium of two per cent (2%) of the principal amount thereof if redeemed on March 1, 1965, or on any interest payment date thereafter up to and including September 1, 1968; at par and accrued interest, and a premium of one per cent (1%) of the principal amount thereof if redeemed on March 1, 1969, or any interest payment date thereafter up to and including September 1, 1972; at par and accrued interest if redeemed on March 1, 1973, or on any interest payment date thereafter prior to maturity. If funds are available to call and redeem some but

not all of the said bonds of any maturity, the bonds to be called for redemption shall be selected by lot in any commonly followed manner.

Notice of redemption of any or all of said bonds shall be given by publication at least once not less than thirty days prior to the date of redemption, such publication to be made once in one newspaper published and of general circulation in the City of Chicago, and such notice of redemption shall with substantial accuracy (a) designate the date and place of redemption, such place to be at the American National Bank and Trust Company of Chicago, in the City of Chicago, Illinois, and (b) designate the numbers and the aggregate principal amount of said bonds, and (c) state that on the designated date of redemption said bonds will be redeemed by payment of principal thereof and accrued interest thereon to date of redemption, plus the applicable redemption premium, and that from and after the designated redemption date interest in respect of all bonds so called for redemption shall cease.

That such bonds and coupons shall be payable to bearer; provided, however, that such bonds may be subject to registration as to principal at any time prior to maturity in the name of the holder thereof on the books of registration of said University to be kept in the office of the Comptroller of said University, such registration to be noted on the reverse side of the bonds by the said Comptroller and thereafter the principal of such bonds shall be payable only to the registered holder, his legal representative or assign. Such registered bonds shall be transferred to another registered holder or back to bearer only upon presentation to the Comptroller with a legal assignment duly acknowledged or approved. Registration of any such bonds shall not affect the negotiability of the coupons thereto attached, but such coupons shall be transferable by delivery merely.

SECTION 3. Both principal of and interest on such revenue bonds shall be payable in lawful money of the United States of America at the American National Bank and Trust Company of Chicago, in the City of Chicago, Illinois.

SECTION 4. That said bonds shall be executed for and on behalf of said University by the President of said Board of Trustees and Frances B. Watkins and Wirt Herrick, who are members of the Board of Trustees, and attested by the Secretary thereof, under the seal of said University, and the interest coupons attached to said bonds shall be executed by the facsimile signatures of said President and Secretary, who by the execution of said bonds shall adopt as and for their own proper signatures their respective facsimile signatures appearing on said coupons, and said bonds and coupons shall be in substantially the following form:

(Form of Bond)

UNITED STATES OF AMERICA
STATE OF ILLINOIS

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN
RESIDENCE HALLS REVENUE BOND, SERIES OF 1952

NUMBER

\$1,000.

THE UNIVERSITY OF ILLINOIS, a body corporate, created and established under the laws of the State of Illinois, for value received promises to pay to bearer, but only out of the Residence Halls Revenue Bond Fund of 1952, as hereinafter provided for, and not otherwise, the sum of ONE THOUSAND DOLLARS (\$1,000) on March 1, 19....., and to pay interest on said sum from the date hereof at the rate of per cent (.....%) per annum, payable September 1, 1952, and semi-annually thereafter on the first days of March and September in each year until the principal hereof shall be paid. Interest accruing on this bond on and prior to the maturity date hereof shall be payable upon presentation and surrender of the interest coupons hereto attached as they subsequently become due, but no interest shall accrue on this bond after the maturity hereof unless this bond be presented for payment at maturity and be not then paid.

Both principal hereof and interest hereon are hereby made payable in lawful money of the United States of America at the American National Bank and Trust Company of Chicago, in the City of Chicago, Illinois.

This bond is one of an authorized issue of One Million Seven Hundred Fifty Thousand Dollars (\$1,750,000), all of like date and of the denomination of \$1,000 each, numbered from 1 through 1750, and all of said bonds are subject to redemption, prior to maturity, as a whole or in part in the inverse order in which they mature on any interest payment date on or after March 1, 1957, and up to and including September 1, 1960, at par and accrued interest, and a premium of four per cent (4%) of the principal amount thereof; at par and accrued interest, and a premium of three per cent (3%) of the principal amount thereof if redeemed on March 1, 1961, or on any interest payment date thereafter up to and including September 1, 1964; at par and accrued interest, and a premium of two per cent (2%) of the principal amount thereof if redeemed on March 1, 1965, or on any interest payment date thereafter up to and including September 1, 1968; at par and accrued interest, and a premium of one per cent (1%) of the principal amount thereof if redeemed on March 1, 1969, or any interest payment date thereafter up to and including September 1, 1972; at par and accrued interest if redeemed on March 1, 1973, or on any interest payment date thereafter prior to maturity. If funds are available to call and redeem some but not all of the said bonds of any maturity, the bonds to be called for redemption shall be selected by lot in any commonly followed manner.

Notice of redemption of any or all of said bonds shall be published once not less than thirty days prior to the date of redemption, such publication to be made in one newspaper published and of general circulation in the City of Chicago, and when this bond or any of the bonds of such authorized issue shall have been called for redemption interest thereon shall cease from and after the specified redemption date.

This bond and the series of which it forms a part is issued under authority of an Act of the General Assembly of the State of Illinois, entitled "An Act to authorize the Board of Trustees of the University of Illinois to acquire by purchase or otherwise, construct, equip, complete, operate, control and manage student residence halls, staff housing facilities, dormitories, health and physical education buildings, or other revenue producing building or buildings, defining the duties of such Board with respect to operation and maintenance thereof, charge fees or rates for the use thereof, and providing for and authorizing the issue of bonds for the purpose of defraying the cost of construction, acquisition or equipment of any such building or buildings payable solely from the revenues derived from the operation thereof, and for the refunding of any such bonds," Approved June 30, 1945, L. 1945, p. 1753; title as amended by Act approved July 21, 1947, and all other laws supplementary thereto, and a resolution duly adopted by the Board of Trustees of the University of Illinois for the purpose of defraying the cost of constructing, completing and equipping certain revenue producing buildings of said University in the Cities of Urbana and Champaign, Illinois, consisting of the completion of the now existing Men's Residence Halls and the construction of two additional units to the Men's Residence Halls, all located at Fourth and Gregory Drive in the City of Champaign, Illinois, the remodeling and equipping of the women's residences known as Busey Hall and Evans Hall, located at 1111-1115 West Nevada Street, Urbana, Illinois, and the refunding of the outstanding "Men's Residence Halls Revenue Bonds, Series of 1948," in the principal amount of \$233,000.

This bond is payable solely, both as to principal and interest from the revenues derived from the operation of said revenue producing buildings constructed, completed and equipped with the proceeds of this bond issue, and this bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, the Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power or the general credit of said University, of said Board of Trustees, or of the State of Illinois is pledged to the payment of this bond or the interest thereon.

This bond shall pass by delivery unless it is registered as to principal in the name of the holder on the books of registration of said University kept at the office of the Comptroller of said University, such registration to be noted on the back hereof. After such registration no transfer hereof shall be valid unless made on such books by the registered holder in person or by attorney duly authorized in writing and similarly noted hereon, but this bond may be trans-

ferred in like manner to bearer, and thereupon transferability by delivery shall be restored and it may again from time to time be registered or transferred to bearer as before. Such registration, however, shall not restrict the negotiability of the coupons hereto appertaining, but such coupons shall be transferable by delivery merely and payable to the bearer hereof.

This bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and during such time as this bond is payable to bearer, the same and each of the coupons hereto appertaining may be negotiated by delivery by any person having possession thereof, howsoever such possession may have been acquired, and any holder who shall have taken this bond while so payable to bearer or any of said coupons from any person for value and without notice shall thereby acquire absolute title to this bond or to such coupons, as the case may be, free of any defenses enforceable against any prior holder and free from all equities and claims of ownership of any such prior holder, and the said University and any paying agent may deem and treat the bearer of this bond, or, if registered, the person in whose name it is registered and the bearer of any interest coupons appertaining hereto as the absolute owner thereof for all purposes.

Said University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the resolution adopted by the Board of Trustees of said University of Illinois, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said buildings, as provided for in and by said resolution, and to establish from time to time rents, charges and fees for the use of said buildings and to maintain and collect rents, charges and fees sufficient to pay the reasonable cost of operating, maintaining, insuring and repairing of said buildings, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions and things required to exist, to happen and to be performed, precedent to and in the issuance of this bond, have existed, have happened and have been performed in due form, time and manner, as required by law, and the applicable resolutions of the Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said buildings to be applied in the manner hereinabove set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois, has caused this bond to be signed by the President of The Board of Trustees and two members thereof, its corporate seal to be hereto affixed, and attested by the Secretary of said Board, and has caused the interest coupons hereto attached to be executed by the facsimile signatures of said President and Secretary, which said officials by the execution of this bond do adopt as and for their own proper signatures their respective facsimile signatures appearing on said coupons, and this bond to be dated as of the first day of March, 1952.

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

By
President

.....
Member

.....
Member

Attest:

.....
Secretary

(Form of Interest Coupon)

NUMBER \$.....

On the first day of, 19..... (unless the bond to which this coupon is attached has theretofore been called for payment and payment made or provided for), The Board of Trustees of the University of Illinois, will pay to bearer solely out of the fund specified in the bond to which this coupon is attached, the sum of Dollars (\$.....) in lawful money of the United States of America at, in the City of Chicago, Illinois, for interest due that day on its University of Illinois Urbana-Champaign Residence Halls Revenue Bond, Series of 1952, dated March 1, 1952, Number

.....
President, Board of Trustees.....
Secretary, Board of Trustees

(Form of Registration)

Date of Registration	In Whose Name Registered	Signature of University Comptroller
.....
.....
.....

SECTION 5. That upon the issuance of the said revenue bonds herein provided for, there be and there is hereby established a fiscal year for the operation of said buildings, and such fiscal year shall commence the first day of July of each year and end the last day of the next succeeding June, and all of the revenues derived from the operation of said buildings shall be set aside as collected in a separate account and fund, apart from all other funds of said University, which is hereby created and designated as "Residence Halls Revenue Bond Fund of 1952," and the University covenants that all revenues, income, receipts, profits, rates, rents, charges, fees and returns derived from the operation of said buildings shall be deposited in such fund and shall be used only in paying the reasonable cost of operating and maintaining said buildings, including, without thereby limiting the generality of the foregoing, salaries, wages, costs of materials, supplies, insurance and the reasonable repair necessary to properly maintain said buildings, for the creation and maintenance of a reserve fund, as hereinafter provided, and paying the principal and interest of the revenue bonds herein provided for, which by their terms are payable solely from the revenues derived from the operation of said buildings. The word "repair" as used in this section shall be construed to refer only to such repairs as are necessary to keep the buildings in proper condition for use and occupancy, or are so certified to be necessary to remedy some physical condition which would otherwise impair or endanger the use and occupancy thereof and the security of the bonds hereby authorized, and all other bonds that may hereafter be authorized, which by their terms are payable from the revenues derived from the operation of said buildings.

SECTION 6. That there be and that there are hereby created and established separate special accounts to be designated severally "Operation and Maintenance Account," "Bond and Interest Sinking Fund Account," and "Reserve Account," into which there shall be credited on the first business day of each month all moneys held in the said Residence Halls Revenue Bond Fund of 1952, in accordance with the following provisions:

(a) There shall be credited to the Operation and Maintenance Account on the first day of each month an amount sufficient to pay the reasonable expense

of operation and maintenance and repair of said buildings for the next succeeding month, including, without limiting the generality of the foregoing, salaries, wages, cost of materials, supplies, insurance, light, heat and power.

(b) There shall be credited to the Bond and Interest Sinking Fund Account on the first day of each month an amount equal to one-sixth of the interest becoming due on all outstanding bonds payable from the revenue of said buildings on the next succeeding interest payment date, and, beginning September 1, 1953, an amount equal to one-sixth of the principal of all of said bonds becoming due on the next succeeding principal maturity date.

(c) There shall be credited to the Reserve Account on June 30, 1954, and annually thereafter the sum of \$10,000, until said account aggregates the sum of \$100,000, and thereafter no sums need be credited to said Reserve Account except that whenever any funds in said account are expended, funds shall be again credited to said account at the rate of \$10,000 annually and continued until such time as the account has been restored to the aggregate amount of \$100,000. Funds credited to said account shall be used solely for the purpose of paying principal and interest on the revenue bonds of said University issued pursuant to the provisions of this resolution falling due at any time for the payment of which there is insufficient money available in the Bond and Interest Sinking Fund Account. Funds of this account may be invested from time to time in United States Government securities. All accumulations in the Reserve Account in excess of the sum of \$100,000 shall be transferred to the Residence Halls Revenue Bond Fund of 1952.

(d) All funds remaining in the Residence Halls Revenue Bond Fund of 1952, after all amounts required to be credited to the accounts provided for in subsections (a) to (c) inclusive, of this section, and all deficiencies have been made up, shall be used for the purpose of calling and redeeming the revenue bonds of this issue, which by their terms are redeemable prior to maturity. Funds of this Account may be temporarily invested from time to time in United States Government securities.

SECTION 7. That it is hereby covenanted and agreed that the revenues to be derived from the operation of said buildings are to be paid into the various special accounts hereinabove established and created in the order in which said accounts have been listed. If at any time the revenues are insufficient to place the required amounts in any of said accounts, the deficiency shall be made up in the following period or periods, after credits to all the accounts enjoying a prior claim of revenues have been made in full.

SECTION 8. That the Board of Trustees of the University of Illinois hereby covenants as follows:

1. That as long as the bonds herein authorized to be issued shall remain outstanding it will continuously operate and maintain said buildings constructed, equipped, completed and rehabilitated with the proceeds derived from the issue of said bonds; that it will adopt such regulations and fix and maintain such rates, rents, fees and charges for the use of said buildings as will provide revenue sufficient to pay the reasonable cost of operating and maintaining said buildings, to provide and maintain the aforesaid bond and interest sinking fund account in an amount adequate to promptly pay the principal of and interest on said bonds as the same matures, and to provide for the aforesaid Reserve Account, and that it will collect and account for and apply the aforesaid income and revenues in accordance with and as provided by this resolution.

2. That it will not voluntarily create or cause to be created any debt or lien, charge or encumbrance on any of the revenues to be derived from the operation of such buildings having a priority to or parity with the pledge of the bonds issued under this resolution, and that it will not sell, mortgage, lease, or otherwise dispose of or encumber said buildings or any part thereof during the time when the bonds issued hereunder shall remain outstanding and unpaid.

3. That as long as any of the bonds issued hereunder remain outstanding and unpaid, either as to principal or interest or both, it will at all times exercise all of its lawful powers to preserve and protect the security of the bonds and the rights of the bondholders under this resolution.

4. That it shall cause to be kept proper books of records and accounts separate and apart from all other records and accounts in which complete and

correct entries shall be made of all transactions relating to the cost of constructing and equipping the aforesaid buildings, the expenditures for maintaining, operating and repairing the said buildings, and all revenues collected therefrom, which said record shall be kept and shall be available for the information of all bondholders; and that there shall be furnished to the original purchaser of said bonds and to any holder of any of said bonds, on the written request therefor, not more than sixty days after the close of each fiscal year, complete operating and income statements of said buildings, in reasonable detail, for said preceding fiscal year.

5. That it will faithfully and punctually perform or cause to be performed all of the duties and obligations with reference to the said buildings as are required by the provisions of this resolution and the statutes under which the said bonds are issued, including the completion of the aforesaid buildings and the operation and maintenance of said buildings, as herein provided, the making and collecting of sufficient rates, fees and charges for the use thereof, the segregation of the income and revenues therefrom to the respective accounts created under the provisions of this resolution, and the proper application of said funds.

6. That as long as any of said bonds authorized to be issued hereunder shall remain outstanding and unpaid, either as to principal or interest, or both, it will maintain insurance on said buildings, including all equipment thereof, against loss or damage by fire and windstorm and all other insurable risks in an amount not less than the full insurable value of said properties or the principal amount of outstanding bonds, plus accrued interest and applicable premium to the next succeeding redemption date, whichever is less. Such insurance policy or policies shall be payable to the Board of Trustees of the University of Illinois, and all moneys collected on account of loss or damage covered by any such policy or policies of insurance shall be held in trust and shall be used only for restoration of the property so damaged. In the event said funds are insufficient to restore said properties to their former condition, then said funds shall be paid into the Bond and Interest Sinking Fund Account and held for the benefit of the bondholders as their interest may appear.

SECTION 9. That the bonds authorized to be issued hereunder and from time to time outstanding shall not be entitled to priority one over the other in the application of the income and revenues derived from the collection of rents, rates, fees and charges for the use of the aforesaid buildings, or with respect to the pledge of the revenue to be derived from the operation of said buildings.

SECTION 10. That it is hereby further covenanted and agreed that after the issue and delivery of the bonds herein authorized and provided for to the purchaser thereof, additional bonds to share ratably and equally with the bonds hereby authorized shall only be issued in the event that funds are necessary to pay the cost of completing the project herein provided for in accordance with the plans and specifications now on file in the office of the Physical Plant Department, Administration Building, Urbana, Illinois; and in the event additional funds are necessary to pay the cost of completing the project herein provided for, said bonds shall not be issued until such time as the architects employed by the University for the construction of said buildings have submitted a certificate to the Board of Trustees of the University setting forth an itemized statement of the work completed to date, the cost thereof, and an itemized statement of the work yet to be completed, and the estimated cost of the work to be completed, and such certificate and estimate shall be presented to and approved by the Board of Trustees preceding the adoption of any resolution authorizing the issuance of additional bonds to share ratably and equally in the revenues of said buildings. Any additional bonds issued for the purpose of completing the project herein provided for, in accordance with this section, shall be payable serially with principal and interest amortized over a period not shorter than the remaining life of any of the then outstanding bonds, with principal payments beginning not more than three years from date of the additional bonds, in such manner as to make the total amount of principal of and interest on the additional bonds due in each year approximately the same in each year in which there is a maturity of principal.

In addition to the foregoing, if prior to the payment of the bonds hereby authorized it shall be found desirable to refund all or a part of the bonds hereby authorized, said bonds may be refunded notwithstanding the restrictions as to the issuance of additional bonds set forth in this section (with the consent of the

holders thereof if any bonds are to be refunded prior to maturity or prior to date of call and redemption) and any refunding bonds so issued shall share ratably and equally with the portion of the bonds hereby authorized which are not refunded in the revenues of said buildings and the pledge thereof under this resolution; provided, however, that if only a portion of said outstanding bonds are to be refunded at any time, such refunding obligations shall not mature at a date earlier than the final maturity of such bonds not refunded.

SECTION 11. That from the proceeds derived from the sale of said bonds the sum of \$233,000 shall be deposited with the First National Bank of Chicago, as Paying Agent for payment and redemption on March 1, 1952 of the outstanding Men's Residence Halls Revenue Bonds of 1948, numbered from 168 to 400, inclusive, dated March 1, 1948. All accrued interest and premium, if any, derived from the sale of the bonds shall be credited to the Bond and Interest Sinking Fund Account created by Section 6 of this resolution, and the balance of the proceeds derived from the sale of said bonds in the aggregate amount of \$1,517,000 shall be set aside in a separate account which is hereby created and designated as the "Construction Fund Account" and all of the funds of such Construction Fund Account shall be deposited in the First National Bank of Chicago, which bank be and is hereby designated as the Depository therefor. The proceeds of said Construction Fund Account shall be withdrawn from such account by the Comptroller of such University from time to time as funds are needed for the construction of the projects herein provided for.

For the purpose of this resolution the cost of the construction of said project to be paid from said Construction Fund Account shall be deemed to include the following:

1. The purchase price and cost of acquisition of real estate, easements, rights of way and other property necessary for the construction of such buildings, including the cost of abstracts of title, title examination and title insurance.

2. Fees and expenses of architects and engineers for services, preliminary investigation, preparation of plans and specifications, supervision of construction and performance of all duties of architects and engineers with respect to said buildings.

3. Payment for labor, material, equipment, services of contractors, builders and materialmen.

4. Premiums payable by the University to the date of completion of said buildings on policies of insurance against fires, floods, storms, lightning and other casualties and for so-called all risk coverage.

5. All taxes, assessments and other incidental charges levied against, or payment prior to the completion of said buildings, and taxes, if any, for recording and filing fees payable in connection with deeds of conveyance.

6. Condemnation awards in connection with the acquisition of property and easements necessary for said buildings, including court costs and legal fees therefor.

7. All expenses of preparing, issuing and delivering bonds issued hereunder.

8. Fees and expenses of legal counsel.

9. Fees and expenses of fiscal agents, depositaries or trustees of the Construction Fund Account.

10. Actual incidental expense, including telephone, telegraph, office expense and traveling expense.

11. Any and all other expenses necessary or incidental in the construction of said buildings, certified to in writing by the architects employed by the University for the construction of said buildings.

All orders executed by the Comptroller for the withdrawal of funds from said account shall state the purpose for which the orders have been issued. Funds for the payment of items covered in subdivisions 2 and 3 of this section shall be withdrawn only upon submission to the Comptroller of a certificate executed by the Architect employed by the University for the construction of said projects, stating the nature of the work completed and the amount due and payable thereon. All orders withdrawing funds and the certificates when required shall be held by said Comptroller and made available for inspection by any bondholder or any duly authorized agent of such bondholder.

Funds of this account may be invested by the Comptroller from time to time in United States Treasury Bills.

After completion of the project the Comptroller of the University shall execute a certificate to the effect that said project has been fully completed according to plans and specifications and the same filed in the office of the Secretary of the Board of Trustees of the University of Illinois. If there be any funds remaining in said Construction Fund Account at the time of filing of such certificate with the Secretary, said funds shall be withdrawn by the Comptroller and credited to the Bond and Interest Sinking Fund Account hereinbefore provided for.

SECTION 12. The provisions of this resolution shall constitute a contract between The Board of Trustees of The University of Illinois and the holders of the bonds herein authorized to be issued, and after the issuance of the bonds no changes, additions, alterations or amendments of any kind shall be made to this resolution in any manner, until such time as all of said bonds issued hereunder, and interest thereon, shall be paid in full, or unless and until provision shall have been made for the payment of all bonds hereby authorized and interest thereon in full.

SECTION 13. Any holder of a bond or bonds, or any of the coupons of any bond or bonds, issued under the provisions of this resolution, may either in law or in equity, by suit, action, mandamus or other proceeding, enforce or compel the performance of all duties required by this resolution or the acts under which the bonds hereby authorized are issued, including the fixing, maintaining and collecting of such rents, charges and fees for the use of such properties and all facilities thereof as will be sufficient for all the purposes provided by this resolution, and the application of income and revenue therefrom.

SECTION 14. If any section, paragraph, clause or provision of this resolution shall be held invalid, the invalidity of such section, paragraph, clause or provision shall not affect any of the other provisions of this resolution.

SECTION 15. That the President, Secretary, Comptroller and Treasurer of The Board of Trustees of the University of Illinois, be and they are each of them hereby authorized and directed to execute all instruments, papers, documents and agreements necessary or convenient to accomplish the issue and delivery of the said Revenue Bonds to the purchaser thereof.

SECTION 16. That said revenue bonds shall be executed as provided herein as soon after this resolution becomes effective as may be, be deposited with the Treasurer of said University, and be by him delivered to John Nuveen & Co. and Associates, the purchasers thereof, upon receipt of the purchase price, and the contract for the sale thereof heretofore entered into be and the same is hereby in all respects ratified and approved.

SECTION 17. That this resolution shall be in full force and effect from and after its passage.

Passed, 1952.

Recorded, 1952.

Attest:

.....
President, Board of Trustees

.....
Secretary

STATE OF ILLINOIS }
COUNTY OF CHAMPAIGN } SS

I,, do hereby certify that I am the duly qualified and acting Secretary of the Board of Trustees of the University of Illinois, and as such official have charge and custody of the minutes of the meetings and records of the Board of Trustees of said University of Illinois, and as such official I further certify that the foregoing resolution attached hereto, entitled "RESOLUTION authorizing the issue of revenue bonds of the University of Illinois in the principal amount of \$1,750,000 for the purpose of providing funds necessary to construct, complete and equip certain revenue producing buildings for said University in the Cities of Urbana and Champaign, Illinois,

and to refund the outstanding 'Men's Residence Halls Revenue Bonds of 1948' of said University in the principal amount of \$233,000, fixing the date, maturities, form and other details of said bonds, and making covenants and provisions for the payment of said bonds and the interest thereon," is a true, correct and exact copy of the original resolution adopted by the Board of Trustees of the University of Illinois at its regular meeting held on the _____ day of _____, 1952.

IN WITNESS WHEREOF I hereunto set my hand and the seal of said University of Illinois, this _____ day of _____, 1952.

Secretary, Board of Trustees,
University of Illinois

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board resumed consideration of the following reports and recommendations from the President of the University.

IMPROVEMENTS IN BUSEY AND EVANS HALLS

(14) As a part of the expansion of residence halls facilities at Urbana-Champaign, \$25,000 has been allocated to improvements in Busey and Evans Halls. The Director of the Physical Plant and the Comptroller recommend that this fund be used for fire protection improvements. The improvements would include the enclosing by use of fire doors and fire partitions the east and west center stairs in Busey Hall and the east and west main stairs in Evans Hall.

I concur.

On motion of Mrs. Watkins, these funds were allocated, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mrs. Holt, Mr. Megran, Mr. Stevenson.

SETTLEMENT OF WARNER CONSTRUCTION COMPANY CONTRACTS

(15) From time to time the Board of Trustees has received reports on the claims of the University against the Warner Construction Company and counter-claims by the Company with respect to its contracts for the construction of the Lincoln Avenue Residence and a part of the Utilities Distribution System at Urbana. On July 22, 1948, the Board adopted a resolution declaring the Company in default under the terms of its contract for the construction of the Lincoln Avenue Residence. Subsequently, administrative machinery was set up to expedite settlement of certain claims so that the contractor could complete the construction of the Halls. On December 28, 1948, the Executive Committee of the Board authorized the appointment of a special committee to make recommendations to the Board of Trustees regarding claims. (The President of the Board appointed Mr. Kenney E. Williamson, then a member of the Board of Trustees, and the President of the University to serve on this committee.)

Several months ago the Warner Construction Company gave the First National Bank of Chicago an unequivocal assignment of its contracts and the power of attorney to settle them on behalf of the Company. Mr. Lloyd Morey, Comptroller, Mr. R. F. Lesemann, Legal Counsel, and Mr. J. H. Armstrong, Special Counsel employed by the Board of Trustees in this matter, representing the President of the University, have been working intensively with officials of the First National Bank of Chicago. The Bank has indicated its willingness, concurred in by the Warner Construction Company, to effect a settlement on a basis which the President's representatives, with the concurrence of Mr. C. S. Havens, Director of the Physical Plant, are recommending. This settlement provides:

1. That the University allow the Warner Construction Company the amount for additional work done on the two contracts on the basis of the latter's state-

ment of the value of this work. This means an allowance of \$44,214.22 on the two contracts, which is \$30,836.06 more than the original estimates by the University's architects of the cost of these services.

2. That the University omit the charges against the Warner Construction Company for services rendered by it to the Company for all items not specifically ordered in writing by the Contractor or his representatives. This represents a reduction of \$3,145.74 in the total of original charges of \$13,415.09, some of which were in the nature of damages. The net payment over the balances previously reported as due and payable on the basis of the original contracts, therefore, is \$33,944.87 (sum of 1 and 2). (\$44,214.22 as per 1, less \$10,269.35 net deduction in 2.)

3. That both parties waive completely their claims for damages. In the case of the Warner Construction Company, this means a waiver of claims totaling \$473,440.30, and in the case of the University a waiver of \$145,293.73.

4. That the University withhold from the amount to be paid the Warner Construction Company under the settlement sufficient sums to cover the claims of its unpaid subcontractors until it has settled with, and furnished the University with proper releases or waivers from, them.

The breakdown of this proposed settlement is as follows:

	<i>Lincoln Avenue Residence Hall</i>	<i>Utilities Distribution System</i>	<i>Total</i>
Balances due on original contracts, President's report to Board (March 13, 1951).....	\$254 633 42	\$121 029 46	\$375 662 88
Allowances recommended for additional work.....	14 592 60	29 621 62	44 214 22
Total.....	\$269 226 02	\$150 651 08	\$419 877 10
Charges for services rendered Contractor by University.....	7 001 63	3 267 72	10 269 35
Net balance payable.....	\$262 224 39	\$147 383 36	\$409 607 75
Net increase over original contract balances.....	\$ 7 590 97	\$ 26 353 90	\$ 33 944 87
Claims for damages waived by Contractor.....	\$247 404 07	\$226 036 23	\$473 440 30
Claims for damages waived by University.....	\$ 85 269 00	\$ 60 024 73	\$145 293 73

The committee considers this a satisfactory settlement and justified in view of the difficult factors involved and the expense of extended litigation. Funds for all payments are available in unexpended appropriations made for these projects and in other appropriations in the Physical Plant Department's budget.

I recommend approval of this settlement as set forth above and that the Comptroller and the Secretary of the Board be authorized to execute a covering agreement and to give and accept releases under conditions approved by the University Legal Counsel and the Special Counsel.

On motion of Mr. Johnston, this settlement was approved and authority was given, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mrs. Holt, Mr. Megran, Mr. Stevenson.

On motion of Mr. Johnston, the Board recorded its appreciation of the work done by University officials in negotiating this settlement.

HEADSHIP OF DEPARTMENT OF BIOLOGICAL CHEMISTRY IN THE COLLEGE OF MEDICINE

(16) Dr. Otto A. Bessey has resigned as Professor of Biological Chemistry and Head of the Department in the College of Medicine effective March 14, 1952, and has accepted a position on the faculty of the University of Texas School of Medicine.

On recommendation of the Dean of the College of Medicine, I recommend the appointment of Dr. S. B. Binkley, now Associate Professor of Biological Chemistry, as Acting Head of the Department beginning February 1, 1952, and continuing until August 31, 1952, at an annual salary rate of \$8,750.

On motion of Mrs. Watkins, this appointment was approved.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations; (4) leaves of absence; (5) degrees conferred February 10, 1952.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ANDERSON, JOHN M., Research Associate in Electrical Engineering (S), on three-fourths time, seven months beginning February 1, 1952, \$3960 a year, supersedes (2-15-52).

ARCHER, EDWARD J., Instructor in Social Sciences, in the Chicago Undergraduate Division, on one-half time, five months beginning February 1, 1952, \$900 (2-7-52).

BABCOCK, MURRAY L., Research Assistant in Electrical Engineering (S), seven months beginning February 1, 1952, \$4300 a year, supersedes (2-6-52).

BALTZELL, JAMES H., Instructor in French, six months beginning February 1, 1952, to render service during the second semester of the academic year, \$3300 a year, supersedes (2-13-52).

BARNARD, PHYLLIS I., Assistant in Economics, February 1-June 15, 1952, \$1200 (2-14-52).

BAUMGARDNER, MRS. MARY S., Instructor in Education, in the University High School, on three-fourths time, six months beginning February 1, 1952, to render service during the second semester of the academic year, \$1312.50 (2-14-52).

BAYNE, JAMES W., Instructor in Mechanical Engineering (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$4100 a year, supersedes (1-15-52).

BELTING, CHARLES M., Instructor in Oral Pathology, in the College of Dentistry, eight months beginning January 1, 1952, without salary (1-17-52).

BERG, IRVING D., Clinical Instructor in Psychiatry, in the College of Medicine, October 15, 1951-August 31, 1952, without salary (2-13-52).

BERTIN, EUGENE P., Instructor in Chemistry, seven months beginning February 1, 1952, to render service during the second semester of the academic year, \$285.71 a month, supersedes (2-11-52).

BLISS, RACHEL, Clinical Instructor in Psychiatric Nursing, in the School of Nursing, seven months beginning February 1, 1952, \$3744 a year; for her convenience she will also be furnished one meal a day valued at \$96 a year (1-23-52).

BOATRIGHT, ALICE ADELLE, Assistant in Art, February 1-June 15, 1952, \$266.67 a month, supersedes (2-18-52).

BORESI, ARTHUR P., Instructor in Theoretical and Applied Mechanics (C), on one-half time, for the second semester of the academic year beginning February 1, 1952, \$216.66 a month, supersedes (2-7-52).

BRAZELL, NANCY JAYNE, Research Assistant in Civil Engineering (S), February 1-June 15, 1952, \$275 a month, supersedes (2-6-52).

BROWN, LLOYD O., Instructor in Electrical Engineering (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$318.33 a month, supersedes (1-15-52).

CAMERON, DUNCAN J., Flight Instructor, in the Institute of Aviation, seven months beginning February 1, 1952, \$5150 a year, supersedes (1-22-52).

CHALMERS, MRS. RUTH V., Assistant in Botany, in the Graduate College, February 15-August 31, 1952, \$244.50 a month, supersedes (2-18-52).

- CHODAKOWSKI, ALEXANDER S., Instructor in Electrical Engineering (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$391.67 a month, supersedes (1-15-52).
- CHRISTOFFERS, WILLIAM H., Research Associate in Electrical Engineering (S), on one-half time, seven months beginning February 1, 1952, \$2500 a year, supersedes (2-6-52).
- CLARK, MARLYN E., Assistant Professor of Theoretical and Applied Mechanics (C), March 1, 1952-August 31, 1953, to render service during each academic year, \$4500 a year, supersedes (1-15-52).
- COATES, CLARENCE L., Instructor in Electrical Engineering (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$4500 a year, supersedes (1-15-52).
- COHEN, MILTON J., Assistant in Art, February 1-June 15, 1952, \$266.67 a month, supersedes (1-28-52).
- COMPALL, THEODORE C., Assistant in Anatomy, in the College of Medicine, January 15-August 31, 1952, without salary (1-29-52).
- DEMBSKI, MARION V. J., Instructor in General Engineering Drawing, in the Chicago Undergraduate Division, six months beginning February 1, 1952, to render service during the second semester of the academic year, \$4500 a year (2-15-22).
- DILLAWAY, ROBERT B., Instructor in Mechanical Engineering (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$3900 a year, supersedes (1-15-52).
- DIMOFF, TODOR, Research Assistant in Theoretical and Applied Mechanics (S), seven months beginning February 1, 1952, \$3900 a year (1-22-52).
- DUDLEY, RICHARD J., Assistant in Art, February 1-June 15, 1952, \$293.33 a month, supersedes (1-28-52).
- ELLISON, FRED P., Instructor in Spanish, for the academic year beginning September 1, 1952, \$4000 (1-9-52).
- ELSESSER, THADEUS M., Instructor in Theoretical and Applied Mechanics (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$4350 a year, supersedes (1-17-52).
- ELSTNER, RICHARD C., Research Associate in Theoretical and Applied Mechanics (S), seven months beginning February 1, 1952, \$4500 a year, supersedes (1-29-52).
- ERNST, EDWARD W., Research Associate in Electrical Engineering (S), seven months beginning February 1, 1952, \$541.67 a month, supersedes (1-17-52).
- ESHELBY, JOHN D., Research Associate in Physics (C), February 1-June 30, 1952, \$400 a month, supersedes (6-18-51).
- FAUST, ELAINE J., Research Assistant in Education, four months beginning February 1, 1952, \$1000 (2-14-52).
- FOX, KIRK, Research Associate in Food Industry (Food Technology) (S), February 15-August 31, 1952, \$5500 a year (1-23-52).
- FRANCKE, PAUL, Instructor in Radiology (Rush), in the College of Medicine, one year beginning January 1, 1952, without salary (1-17-52).
- FRAUENFELDER, HANS EMIL, Research Associate in Physics (C), May 19-August 31, 1952, \$5700 a year (2-13-52).
- GARDNER, LEON P., Assistant in Pediatrics, in the College of Medicine, eight months beginning January 1, 1952, without salary (1-22-52).
- GARDNER, MALCOLM L., Research Assistant in Psychology, in the Graduate College, seven months beginning February 1, 1952, \$4200 a year, supersedes (2-6-52).
- GILDEN, MEYER, Instructor in Electrical Engineering (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$4160 a year, supersedes (1-15-52).
- GILKEY, HERBERT T., Research Associate in Mechanical Engineering (S), eight months beginning January 1, 1952, \$4000 a year, supersedes (1-29-52).
- GYARFAS, KALMAN, Clinical Assistant Professor of Psychiatry, in the College of Medicine, on 45/100 time, seven months beginning February 1, 1952, \$3000 a year (2-8-52).

- HAASE, ERNST, Clinical Assistant Professor of Neurology, in the Department of Neurology and Neurological Surgery, on one-fifth time, one year beginning September 1, 1951, \$1625; in addition to \$1500 from Trust: Children's Bureau, supersedes (1-30-52).
- HANS, CLARENCE L., JR., Instructor in Ophthalmology, in the College of Medicine, on three-fourths time, eight months beginning January 1, 1952, \$250 a month, supersedes (1-18-52).
- HARTLEY, THOMAS C., Instructor in General Engineering Drawing (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$3800 a year, supersedes (1-15-52).
- HARTOCH, ARNOLD J., Assistant to the Dean of Liberal Arts and Sciences, on one-half time, and Instructor in Humanities, on one-fourth time, in the Chicago Undergraduate Division, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$1762.50, supersedes (2-7-52).
- HATHAWAY, SAMUEL D., Research Assistant in Electrical Engineering (S), seven months beginning February 1, 1952, \$3720 a year, supersedes (2-15-52).
- HAUSRATH, ALFRED H., Instructor in Theoretical and Applied Mechanics (C), on one-half time, for the second semester of the academic year beginning February 1, 1952, \$200 a month, supersedes (2-7-52).
- HENSON, RAY D., Instructor in General Engineering Drawing (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$4000 a year, supersedes (1-15-52).
- HODGSON, THOMAS F., Research Assistant in Psychology, in the Graduate College, January 7-August 31, 1952, \$350 a month (1-15-52).
- HOFFMAN, ROBERT V., Research Associate in Pathology, in the College of Medicine, July 1, 1952-August 31, 1953, \$5250 a year, supersedes (1-16-52).
- HOOVER, WILLIAM J., Assistant in Food Processing (Food Technology) (S), six months beginning March 1, 1952, \$3480 a year (1-23-52).
- HOUSE, ARTHUR S., Research Associate in the Control Systems Laboratory, seven months beginning February 1, 1952, \$5200 a year, supersedes. He will be paid \$300 due in February for services performed under his previous contract. (2-14-52).
- HUBBARD, DAVID G., Clinical Instructor in Psychiatry, in the College of Medicine, seven months beginning February 1, 1952, without salary (2-6-52).
- IVERSON, MRS. ALICE F., Instructor in Mathematics, in the Chicago Undergraduate Division, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$2150, supersedes (2-7-52).
- JACKSON, GEORGE G., Assistant Professor of Medicine and of Preventive Medicine, in the College of Medicine, eight months beginning January 1, 1952, \$6750 a year, supersedes (2-15-52).
- JAKOWATZ, CHARLES V., Instructor in Electrical Engineering (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$375 a month, supersedes (1-15-52).
- JEFFRIES, JOHN U., Instructor in Electrical Engineering (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$305.83 a month, supersedes (1-15-52).
- JOHNK, CARL T. A., Research Associate in Electrical Engineering (S), on one-half time, seven months beginning February 1, 1952, \$2640 a year, supersedes (2-15-52).
- KATZ, HAROLD W., Instructor in Electrical Engineering (C), on one-half time, six months beginning September 1, 1951, \$172.92 a month, and for six months beginning March 1, 1952, \$181.25 a month, to render service during the academic year, supersedes (1-31-52).
- KAUFMAN, IRVING, Instructor in Electrical Engineering (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$287.08 a month, supersedes (1-15-52).
- KELLOGG, MILFORD K., Research Associate in the Institute of Government and Public Affairs, seven months beginning February 1, 1952, \$5100 a year, supersedes (2-12-52).
- KHACHATURIAN, NARBAY, Instructor in Civil Engineering (C), six months be-

- ginning March 1, 1952, to render service during the second semester of the academic year, \$291.67 a month, supersedes (1-15-52).
- KIVALO, INKERI, Assistant in Surgery, in the College of Medicine, one year beginning July 1, 1951, without salary (1-16-52).
- KOENIG, HERMAN E., Instructor in Electrical Engineering (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$337.50 a month, supersedes (1-15-52).
- KORNACKER, FRANK J., Visiting Lecturer in Building Structures, in the Department of Architecture, on three-fourths time, five months beginning February 1, 1952, to render service during the second semester of the academic year, \$750 a month (1-15-52).
- KOSTRUBALA, JOSEPH, Clinical Instructor in Surgery, in the College of Medicine, and Plastic Surgeon to the Cleft Palate Training Program, in the Division of Services for Crippled Children, on two-fifths time, seven months beginning February 1, 1952, \$2400 a year, supersedes (2-15-52).
- KROMHOUT, ROBERT A., Instructor in Physics, in the Chicago Undergraduate Division, on three-fourths time, and in Radiology, in the College of Medicine, on one-fourth time, six months beginning February 1, 1952, to render service during the second semester of the academic year, \$384.17 a month (1-18-52).
- KUKRAL, JAN, Assistant in Anesthesia, in the College of Medicine, January 7-June 30, 1952, without salary (1-28-52).
- LABBÉ, PAUL, Clinical Assistant in Psychiatry, in the College of Medicine, January 15-August 31, 1952, without salary (1-15-52).
- LAWDER, HOMER L., Professor of Hygiene, on indefinite tenure, and Head of the Health Center in the Health Service, seven months beginning February 1, 1952, \$10,000 a year (this includes services to the University Retirement System) supersedes (2-18-52).
- LEBEAU, LEON J., Instructor in Bacteriology, in the College of Medicine, eight months beginning January 1, 1952, \$433.33 a month (1-16-52).
- LEBOLD, WILLIAM K., Instructor in Electrical Engineering, on three-fourths time, and Staff Counselor in the Student Counseling Bureau, on one-fourth time, in the Chicago Undergraduate Division, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$4300 a year, supersedes (1-31-52).
- LEPPER, MARK H., Associate Professor of Medicine and of Preventive Medicine, in the College of Medicine, on indefinite tenure, beginning January 1, 1952, without salary (2-15-52).
- MABRY, JAMES E., Research Assistant in Psychology, in the Graduate College, seven months beginning February 1, 1952, \$4200 a year (2-12-52).
- MARTIN, GORDON E., Instructor in Mechanical Engineering (C), on one-half time, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$1750 a year (2-13-52).
- MCCOY, ARCHIBALD D., Research Associate in Psychiatry, in the College of Medicine, seven months beginning February 1, 1952, \$5000 a year (2-6-52).
- McMULLEN, GERALD D., Instructor in Electrical Engineering (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$277.08 a month, supersedes (1-15-52).
- MELLON, DORIS L., Instructor in Education, on three-fourths time, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$3000 a year, supersedes (2-14-52).
- MILLER, FRANCES M., Assistant in Physical Education for Women, February 1-June 15, 1952, \$355.55 a month, supersedes (2-15-52).
- MOULTON, WILLIAM G., Instructor in Physics, in the Chicago Undergraduate Division, on three-fourths time, and in Radiology, in the College of Medicine, on one-fourth time, six months beginning February 1, 1952, to render service during the second semester of the academic year, \$384.17 a month (1-18-52).
- MYNAUGH, MRS. LONA T., Instructor in Mathematics, in the Chicago Undergraduate Division, for six months beginning March 1, 1952, to render service during the second semester of the academic year, \$2000, supersedes (2-7-52).

- OFFNER, DAVID H., Instructor in Mechanical Engineering (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$3900 a year, supersedes (1-15-52).
- OHNSTY, BASIL, JR., Research Assistant in Ceramic Engineering (S), seven months beginning February 1, 1952, \$3600 a year (1-22-52).
- OLSEN, CHARLES E., Instructor in Mathematics, in the Chicago Undergraduate Division, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$2450, supersedes (2-7-52).
- PAGE, ROBERT R., Instructor in Social Sciences, on three-fourths time, and Counselor in the Student Counseling Bureau, on one-fourth time, in the Chicago Undergraduate Division, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$1750, supersedes (2-7-52).
- PERLSTEIN, MINNIE O., Clinical Associate Professor of Dermatology, in the College of Medicine, seven months beginning February 1, 1952, without salary (2-4-52).
- PETERSON, PHILIP E., Instructor in General Engineering Drawing (C), seven months beginning February 1, 1952, to render service during the second semester of the academic year, \$3400 a year (1-25-52).
- PRICE, THORNTON W., Research Associate in Mechanical Engineering (C), seven months beginning February 1, 1952, \$5000 a year (2-7-52).
- PULLEN, MAXWELL, Research Assistant in Psychology, in the Graduate College, seven months beginning February 1, 1952, \$4200 a year (2-8-52).
- RADZIMOVSKY, EUGENE I., Research Associate in Mechanical Engineering (S), six months beginning March 1, 1952, \$4100 a year, supersedes (1-15-52).
- RETZER, ANNA J., Assistant in Agricultural Extension, and Assistant Extension Editor, (E), seven months beginning February 1, 1952, \$3600 a year (2-6-52).
- REUTER, EDWARD R., Assistant in Physical Education for Men, on three-fourths time, nine months beginning September 16, 1951, \$2025; in addition to \$975 a year paid by the Athletic Association; on leave of absence for military service without pay. (1-22-52).
- RICHARDSON, NANCY, Assistant in Physical Education for Women, in the Chicago Undergraduate Division, February 1-June 15, 1952, \$333.33 a month (1-18-52).
- ROSS-DUGGAN, JOHN, Research Associate in Psychiatry, in the College of Medicine, eight months beginning January 1, 1952, \$458.33 a month, supersedes (1-17-52).
- SCHMITT, ROMAN A., Instructor in Physical Sciences, in the Chicago Undergraduate Division, on one-third time, five months beginning February 1, 1952, \$550 (2-7-52).
- SCHNEPPER, DONALD H., Research Assistant in Civil Engineering (S), seven months beginning February 1, 1952, \$3600 a year (2-13-52).
- SCHOEN, MRS. ELIZABETH E., Assistant in Animal Nutrition (Animal Science) (S), seven months beginning February 1, 1952, \$3000 a year, supersedes (2-13-52).
- SCHWARZ, JOSEPH E., Assistant in Art, February 1-June 15, 1952, \$293.33 a month, supersedes (1-28-52).
- SCHWARZ, WILLIAM, Medical Illustrator in the Cleft Palate Training Program, in the Division of Services for Crippled Children, on one-half time, seven months beginning February 1, 1952, \$1950 a year (1-31-52).
- SHEPARD, HARRY R., Instructor in Applied Materia Medica and Therapeutics, in the College of Dentistry, on one-fifth time, January 17-March 29, 1952, \$100 a month (1-25-52).
- SHERROD, THEODORE R., Assistant Professor of Pharmacology, in the College of Medicine, January 1, 1952-August 31, 1953, to render service during each academic year, \$6100 a year, supersedes (1-24-52).
- SILBERGELD, SAM, Assistant Professor of Physical Sciences, in the Chicago Undergraduate Division, to render service during each academic year, on two-thirds time, six months beginning March 1, 1952, \$1950, and on full time, one year beginning September 1, 1952, \$5850, supersedes (2-7-52).

- SILVERMAN, BERNARD, Instructor in Electrical Engineering (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$4350 a year, supersedes (1-15-52).
- SIMMONS, IDA H., Instructor in Education, on one-half time, six months beginning February 1, 1952, to render service during the second semester of the academic year, \$2150 a year (2-11-52).
- SOKOLOFF, BENJAMIN A., Assistant in English, for the second semester of the academic year beginning February 1, 1952, \$286.67 a month, supersedes (2-11-52).
- SOKOLOFF, IRIS, Assistant in English, for the second semester of the academic year beginning February 1, 1952, \$355.56 a month (2-11-52).
- SPIES, HAROLD W., Clinical Assistant in Medicine, in the College of Medicine, eight months beginning January 1, 1952, without salary (1-25-52).
- STELLING, MRS. LOIS B., Instructor in Mathematics, in the Chicago Undergraduate Division, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$1850, supersedes (2-7-52).
- STEWART, NEIL R., Assistant in Medicine, in the College of Medicine, seven months beginning February 1, 1952, without salary (2-7-52).
- STOECKER, WILBERT F., Instructor in Mechanical Engineering (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$3600 a year, supersedes (1-15-52).
- STONE, KEITH R., Flight Instructor in the Institute of Aviation, January 15-August 31, 1952, \$4900 a year (1-22-52).
- TEHON, STEPHEN W., Instructor in Electrical Engineering (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$375 a month, supersedes (1-15-52).
- THEIS, SUSIE L., Exchange Assistant in the Library, seven months beginning February 1, 1952, \$283.33 a month (1-16-52).
- TIMMERHAUS, KLAUS D., Research Associate in Chemical Engineering (S), January 16-June 30, 1952, \$350 a month, supersedes (1-15-52).
- TUCKER, DON, Research Assistant in Electrical Engineering (S), eight months beginning January 1, 1952, \$366.67 a month, supersedes (1-17-52).
- WAX, NELSON, Associate Professor of Electrical Engineering (C), on one-third time, \$226.67 a month, and Research Associate Professor in the Control Systems Laboratory, on two-thirds time, \$553.33 a month, February 1-June 15, 1952 (on Y basis), and on full time in the Control Systems Laboratory, June 16-August 31, 1952 (on Y basis), \$830 a month, and Associate Professor of Electrical Engineering (C), on indefinite tenure beginning September 1, 1952, to render service during each academic year, \$6120 a year, supersedes (1-15-52).
- WHEELER, DAVID J., Visiting Assistant Professor of Mathematics, Electronic Digital Computer, in the Graduate College, nine months beginning September 16, 1952, \$5000 (2-8-52).
- WHITESSEL, THEODORE L., Assistant Professor of Economics, five months beginning February 1, 1952, to render service during the second semester of the academic year, \$2700 (2-4-52).
- WILSON, BURTON J., Instructor in Electrical Engineering (C), six months beginning March 1, 1952, to render service during the second semester of the academic year, \$314.58 a month, supersedes (1-15-52).
- WILSON, GLEN P., JR., Research Associate in Psychology, in the Graduate College, June 1, 1952-August 31, 1953, \$6200 a year (2-6-52).
- WINNETT, WILLIAM L., Instructor in Education, in the University High School, on one-half time, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$822.50, supersedes (2-15-52).
- WIRTZ, MORVIN A., Instructor in Education, on one-half time, six months beginning February 1, 1952, to render service during the second semester of the academic year, \$2000 a year, supersedes (2-14-52).
- WRIGHT, DONOVAN G., Clinical Assistant Professor of Psychiatry, in the College of Medicine, seven months beginning February 1, 1952, without salary (2-6-52).

- YARU, NICHOLAS, Research Associate in Electrical Engineering (S), on three-fourths time, seven months beginning February 1, 1952, \$3960 a year, supersedes (2-15-52).
- ZANOTTI, GEORGE J., Instructor in General Engineering Drawing, in the Chicago Undergraduate Division, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$5100 a year, supersedes (1-31-52).
- ZIVIN, SIMON, Research Associate in Medicine, in the College of Medicine, on one-half time, one year beginning January 20, 1952, \$2805 (2-13-52).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- COX, JOHN E., Lakefield Nepheline Syenite Fellow in Ceramic Engineering, February 1-June 15, 1952, \$700 (1-23-52).
- KJELLBERG, RAYMOND N., Research Fellow in Pharmacology, in the College of Medicine, January 1-March 31, 1952, \$150 a month (1-15-52).
- SANFTNER, ROGER W., Western Cartridge Fellow in Chemistry, February 1-June 15, 1952, \$900 (2-4-52).
- SCHOLZ, JOHN J., Commercial Solvents Corporation Fellow in Chemistry, one year beginning February 1, 1952, \$1980 (2-4-52).
- ZIMMERMAN, WILLIAM F., Orton Foundation Fellow in Ceramic Engineering, February 1-June 15, 1952, \$500 (1-24-52).

RESIGNATIONS

- ARTHUR, ALICE E., Medical Illustrator in the Cleft Palate Training Program, in the Division of Services for Crippled Children—resignation effective 1-31-52.
- BATCHELOR, MRS. ELIZABETH, Research Assistant in Bacteriology, in the Graduate College—resignation effective 1-1-52.
- BECKER, ELMER L., Assistant Professor of Bacteriology, in the College of Medicine—resignation effective 1-14-52.
- BESSEY, OTTO A., Professor of Biological Chemistry, and Head of the Department, in the College of Medicine—resignation effective 3-15-52.
- BEVERIDGE, HELEN, Instructor in English—resignation effective 3-1-52.
- BOARDMAN, RICHARD S., Fellow in Geology—resignation effective 2-1-52.
- BRANSBY, ERIC J., Instructor in Art—resignation effective 3-1-52.
- BRUYN, SEVERYN T., Assistant Psychometrist in the Student Counseling Bureau—resignation effective 3-15-52.
- BUFFA, ELWOOD S., Assistant Professor of Mechanical Engineering (C)—resignation effective 3-1-52.
- CHENG, KUANG LU, Postdoctoral Fellow in Agronomy—resignation effective 2-1-52.
- CIHA, MRS. CLAIRE O., Assistant in Agricultural Extension and Assistant Extension Editor (E)—resignation effective 3-8-52.
- COFFIN, GEORGIA, Cataloger, with the rank of Instructor, in the Library—resignation effective 2-14-52.
- CRAIG, WILLIAM J., Research Assistant Professor of Theoretical and Applied Mechanics (S)—resignation effective 3-3-52.
- DUNLOP, KATHLEEN E., Research Assistant in the Bureau of Economic and Business Research—resignation effective 2-14-52.
- EALLES, EDWARD P., Assistant Professor of Aeronautical Engineering (C)—resignation effective 2-1-52.
- ELLIOTT, ROBERT S., Assistant Professor of Electrical Engineering (C)—resignation effective 3-1-52.
- FUCHS, JACOB, Research Assistant in Chemistry, in the Graduate College—resignation effective 2-1-52.
- HENSON, RAY D., Instructor in General Engineering Drawing (C)—resignation effective 3-1-52.
- JOHNSON, CARL E., Instructor in Chemistry—resignation effective 3-1-52.
- JOHNSON, ROBERT W., Instructor in the Institute of Aviation—resignation effective 3-1-52.

- JUDY, WILLIAM S., Instructor in Radiology, in the College of Medicine—resignation effective 1-11-52.
- LOVE, RUTH H., Research Assistant in Biological Chemistry, in the College of Medicine—resignation effective 2-26-52.
- MARTIN, GEORGE E., Instructor in Marketing, in the Department of Business Organization and Operation—resignation effective 3-1-52.
- MCCASKILL, DANIEL, Clinical Assistant in Neurology and Neurological Surgery (Rush), in the College of Medicine—resignation effective 11-1-51.
- NORDSTROM, JAMES E., Research Assistant in Medicine, in the College of Medicine—resignation effective 1-10-52.
- PESAVENTO, MRS. WILMA, Assistant in Physical Education for Women, in the Chicago Undergraduate Division—resignation effective 2-1-52.
- PRINTY, GLENN E., Swift and Company Fellow in Entomology—resignation effective 2-1-52.
- RIDDELL, J. MURRAY, JR., Clinical Assistant in Dermatology, in the College of Medicine—resignation effective 1-2-52.
- RIEDINGER, ALICE L., Research Associate in Biological Chemistry, in the College of Medicine—resignation effective 2-26-52.
- ROGAHN, WILLIAM C., Assistant in English—resignation effective 2-1-52.
- SHAHANI, KHEMCHAND MOTUMAL, Assistant in Food Technology (S)—resignation effective 12-1-51.
- STEELE, MONTGOMERIE C., Research Assistant Professor of Theoretical and Applied Mechanics (S)—resignation effective 4-1-52.
- STENDERUP, MARGIT R., Acquisition Assistant in the Library—resignation effective 2-1-52.
- STEWART, FORREST A., Assistant Professor of Farm Management (Agricultural Economics) (S)—resignation effective 3-1-52.
- STRONG, DOROTHY, Assistant Editor in the University Press—resignation effective 3-1-52.
- TAYLOR, CHARLES E., Assistant Professor of Theoretical and Applied Mechanics (C)—resignation effective 3-1-52.
- TEPLITZ, ZELDA, Clinical Instructor in Psychiatry, in the College of Medicine—resignation effective 1-15-52.
- WILSON, CHARLES C., Instructor in Mathematics, in the Chicago Undergraduate Division—resignation effective 3-1-52.
- WOZNIAK, RICHARD J., Registered Pharmacist in Hospital Pharmacy, in the College of Pharmacy—resignation effective 2-1-52.
- WRIGHT, G. DOUGLAS T., Research Assistant in Civil Engineering (S)—resignation effective 2-23-52.
- ZIMMERMAN, WILLIAM F., Research Assistant in Ceramic Engineering (S)—resignation effective 2-1-52.

LEAVES OF ABSENCE

- CHANGNON, PAULINE E., Instructor in Education, in the University High School—leave of absence, with pay, for six weeks beginning February 11, 1952, on account of illness.
- CONDON, ARNOLD C., Associate Professor of Secretarial Training, in the Department of Business Organization and Operation—extension of leave of absence, without pay, for the second semester of 1951-1952.
- EDMAN, MARJORIE, Instructor in Animal Nutrition (Animal Science) (S)—extension of leave of absence, with pay, for six months beginning December 18, 1951.
- GUM, MRS. WANDA N., Assistant Professor of Social Sciences, in the Chicago Undergraduate Division—leave of absence, without pay, January 27-August 31, 1952, on account of illness.
- HOWE, QUINCY, Associate Professor of Journalism and Communications and News Analyst in the Radio Station—leave of absence, without pay, March 17-March 22, 1952, so that he may accept a temporary appointment as a news commentator for the American Broadcasting Company.
- ROCKWOOD, MRS. RUTH H., Illini Union Browsing Room Librarian, with rank of instructor—leave of absence, without pay, June 16-July 16, 1952, to accept a summer session position at Florida State University.

SANDERS, WILLIAM B., Instructor in Theoretical and Applied Mechanics (C) — leave of absence, without pay, for six months beginning March 1, 1952, for military service.

DEGREES CONFERRED FEBRUARY 10, 1952

Summary

Degrees in the Graduate College:

Doctor of Philosophy.....	49
Doctor of Education.....	2
Master of Arts.....	45
Master of Science.....	188
Master of Education.....	19
<i>Total, Graduate College.....</i>	<i>(303)</i>

Degrees in Law:

Bachelor of Science.....	3
Bachelor of Laws.....	21
Doctor of Law.....	1
<i>Total, Law.....</i>	<i>(25)</i>

Baccalaureate Degrees:

Bachelor of Science, College of Agriculture.....	53
Bachelor of Science, College of Engineering.....	168
Bachelor of Arts, College of Liberal Arts and Sciences.....	105
Bachelor of Science, College of Liberal Arts and Sciences.....	67
Bachelor of Science, Library School.....	5
Bachelor of Science, College of Education.....	40
Bachelor of Science, College of Commerce and Business Administration...	116
Bachelor of Science, School of Journalism and Communications.....	25
Bachelor of Science, College of Fine and Applied Arts.....	59
Bachelor of Fine Arts, College of Fine and Applied Arts.....	16
Bachelor of Music, College of Fine and Applied Arts.....	3
Bachelor of Science, School of Physical Education.....	18
Bachelor of Science, Division of Special Services for War Veterans.....	68
<i>Total, Baccalaureate Degrees.....</i>	<i>(743)</i>
<i>Total, Degrees Conferred.....</i>	<i>1,071</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

MING Po HSU, B.S., Chiao Tung University, 1941; M.S., 1948

In Agronomy

HERMAN LEROY BRELAND, B.S., Mississippi State College, 1942; M.S., Purdue University, 1948

SHELDEN FELDMAN, B.S., M.S., 1948, 1949

JOSEPH JULIAN PIERRE, B.S., University of Wisconsin, 1932; M.S., 1947

ROBERT MCLEOD REED, B.S., M.S., 1947, 1948

WILLIAM FRANKLIN SPENCER, B.S., M.S., 1947, 1950

In Animal Nutrition

HAROLD HUGH DRAPER, B.S., University of Manitoba, 1945; M.S., University of Alberta, 1948

RICHARD CARL WAHLSTROM, B.S., University of Nebraska, 1948; M.S., 1950

In Business

DWIGHT LONNIE GENTRY, A.B., Elon College, 1941; M.B.A., Northwestern University, 1947

In Chemical Engineering

ROBERT BEVERLEY FEILD, B.Ch.E., University of Virginia, 1948; M.S., 1950
 KLAUS DIETER TIMMERHAUS, B.S., M.S., 1948, 1949

In Chemistry

ROY HENDERSON BIBLE, JR., B.S., Virginia Polytechnic Institute, 1948; M.S., 1949
 JOHN FIGUERAS, JR., B.S., University of Rochester, 1949; M.S., 1950
 ROBERT LINCOLN FOSTER, B.S., Monmouth College, 1948; M.S., 1949
 HENRY CHARLES GELLER, A.B., Rice Institute, 1948; A.M., 1949
 ALLAN DALE GOTT, B.S., University of the South, 1948; M.S., 1949
 RICHARD JASON HELLMANN, B.S., University of Wisconsin, 1948; M.S., 1949
 VIRGINIA CAROLINE MENIKHEIM, B.S., Butler University, 1941; M.S., 1949
 ERNEST D. NICOLAIDES, B.S., Monmouth College, 1948; M.S., 1949
 ROBERT CLAIR SENTZ, B.S., Bucknell University, 1948; M.S., 1949
 HOMER JENNINGS SIMS, B.S., M.S., Western Illinois State College, 1948
 CHARLES JACKSON STRICKLER, B.S., Purdue University, 1942; M.S., 1949
 RICHARD HARVEY TENNYSON, B.S., St. Mary's College, 1946
 WILLIAM WARREN WEST, A.B., Knox College, 1943; M.S., De Paul University, 1948; M.S., 1950
 WILLIAM ARTHUR ZIEGLER, A.B., M.S., 1948, 1949

In Civil Engineering

NARBHEY KHACHATURIAN, B.S., M.S., 1947, 1948

In Dairy Technology

JOSEPH TOBIAS, B.S., University of Georgia, 1942; M.S., 1949

In Economics

THEODORE LEWIS WHITESSEL, B.Ed., Eastern Illinois State College, 1931; B.S., M.S., 1932, 1934

In Electrical Engineering

TE-NING CHIN, B.E.E., National Southwest Association University, 1942; M.S., 1949
 ROBERT STRATMAN ELLIOTT, B.S., A.B., Columbia University, 1942, 1943; M.S., 1947

In English

ROBERT LAWRENCE COARD, A.B., Quincy College, 1943; A.M., 1946

In Entomology

ABDEL-LATIF AMIN EL-DEEB, B.S., Fouad First University, 1937; M.S., 1951
 HENRY ERIC FERNANDO, B.S., University of Ceylon, 1947; M.S., 1950
 FRANK EDWIN GUTHRIE, B.S., University of Kentucky, 1947; M.S., 1949
 DONALD MONROE TUTTLE, B.S., M.S., Michigan State College, 1940, 1947
 EDDIE BORDERS VINSON, B.S., M.S., Alabama Polytechnic Institute, 1948, 1949

In German

GRACE LOIS ARMOUR WESTEN, A.B., Smith College, 1940; A.M., Yale University, 1943

In Mass Communications

IRVING ISAAK RAINES, A.B., A.M., 1942, 1949

In Mathematics

JOSEPH HOPE HORNBACK, A.B., Central College, 1932; A.M., Harvard University, 1933
 JOE WILLIE WRAY, B.S., M.S., University of Georgia, 1939, 1944; A.M., 1948

In Mechanical Engineering

THORNTON WALTON PRICE, B.S., 1942; M.S., Lehigh University, 1950
 ROBERT SENTERS WICK, B.M.E., Rensselaer Polytechnic Institute, 1946; M.S., Stevens Institute of Technology, 1948

In Physics

WILLIAM EBERLE KREGER, B.S., Case School of Applied Science, 1946; M.S., 1948
 WILLIAM GATES MOULTON, B.S., Western Illinois State College, 1946; A.M., 1948
 MARLIN EUGENE REMLEY, A.B., Southeast Missouri State Teachers College, 1942;
 M.S., 1948

In Sociology

DONALD EDWIN RASMUSSEN, A.B., A.M., 1937, 1938

In Veterinary Pathology and Hygiene

MORRIS SEIFERT COVER, V.M.D., University of Pennsylvania, 1938; M.S., Kansas
 State College, 1943

In Zoology

CONRAD ALVIN BLUMQUIST, B.S., M.S., 1940, 1947
 JACK DALTON TINER, M.S., Michigan State College, 1946; D.V.M., Agricultural
 and Mechanical College of Texas, 1944

Degree of Doctor of Education

OREN RAYMOND RANKIN, B.S., A.M., Southwest Texas State Teachers College,
 1935, 1941
 KHAIME RISKIN, B.S., Ed.M., University of California, 1949, 1950; Ed.M., 1951

Degree of Master of Arts*In Economics*

GILBERTO R. CABRERA, B.S., M.B.A., New York University, 1946, 1949
 EDWARD SUSSNA, A.B., Brooklyn College, 1950
 KEIJIRO TANAKA, A.B.(Law), Tokyo Imperial University, 1947

In Education

ELEANOR ANNA BERG, A.B., Wheaton College, 1947
 CLARISSA SHEEKS BONNELL, B.Ed., Eastern Illinois State College, 1943
 ELDER SWANSON CARLSTEN, A.B., 1910
 ROGERS WINFIELD CUMMING, B.Mus.Ed., M.Mus.Ed., Vandercook School of
 Music, 1947, 1949
 GERTRUDE ELLIS FISHER, A.B., William Penn College, 1929
 MARY ROBERTS FRY, A.B., University of Oklahoma, 1947
 FRANCES LU HAASE, B.S., Bradley University, 1931
 CORINE JESSOP, B.Mus., De Paul University, 1938
 DOROTHY DORCH JONES, A.B., 1949
 MORRIS GILBERT WASHINGTON, B.S., Lincoln University, 1948
 ROY W. WHITE, A.B., Stowe Teachers College, 1949

In English

THOMAS CHRISTL ARTHUR, A.B., College of Wooster, 1938

In Geography

WILBUR REYNOLDS LAMB, A.B., Syracuse University, 1951
 HASSAN TAHA NEJIM, B.S., Higher Teachers College of Bagdad, 1944
 DONALD MARTIN ROZNOWSKI, A.B., Syracuse University, 1950

In German

ELIZABETH MARY GROSSMAN, B.S., 1950
 ALBERT ALOIS HOCH, A.B., 1951

In Mathematics

ROY DANIEL RAGSDALE, B.S., University of Texas, 1947

In Philosophy

GEORGE ALBIN REMINGTON, A.B., 1946

In Psychology

BORIS BREIGER, B.S., Roosevelt College, 1949
 JOYCE STAUTHAMMER COHRS, A.B., 1951
 HERBERT MANLEY GOLDMAN, A.B., 1950
 SIDNEY KASPER, A.B., Roosevelt College, 1950
 THOMAS BINNEY PORTER, B.S., 1949
 JAMES ROBERT SKEEN, A.B., 1948
 PHILLIP WAYNE WENIG, B.S., 1950

In Social Sciences

ROBERT LEROY NEIMAN, B.S., 1951
 VIVIAN CAROL WEBSTER, A.B., College of St. Francis, 1941
 IRA JAY WEINSTEIN, A.B., 1950
 STANLEY MARTIN YATES, A.B., Ohio University, 1950

In Sociology

RALPH HOWARD HINES, B.S., 1949
 OLIVER WENDELL WILSON, A.B., Southern University, 1949

In Spanish

ROBERTA ELOISE METZGER, B.S., 1947
 RICHARD WHITELEY NORTON, A.B., Butler University, 1942

In Speech

RUTH BEACH FEE, B.S., Southern Illinois University, 1949
 MARVIN MARK MADDEN, A.B., Washington University, 1950
 BARBARA MILGROM MELROSE, A.B., University of California, 1949
 BERL CARSON RUSSELL, A.B., University of Dubuque, 1950

In Statistics

ALVIN VINCENT FEND, B.S., M.S., 1949, 1950

In the Teaching of Social Studies

WILLIAM FRANCIS CAHILL, B.S., Illinois Institute of Technology, 1950
 JOHN FRANCIS LABOC, A.B., Wheaton College, 1949
 STANLEY PLACEK, B.S., 1950

Degree of Master of Science*In Accountancy*

JOHN EDWARD CHRISTIAN KAPP, B.S., University of North Carolina, 1950
 SAMUEL DAVID LEVENSON, B.S., 1950

In Aeronautical Engineering

HOWARD RILLING BURNETT, B.S., 1950

In Agricultural Economics

CLEMENT CHIEN-PANG CHANG, A.B., St. John's University, 1949
 LARRY DALE ERLEWINE, B.S., University of Nebraska, 1949
 EDWARD T. SANFORD, B.S., 1933

In Agricultural Education

LEROY GLENN FENSTERMAN, B.S., 1951
 KENNETH LEE MCILRATH, B.S., 1951

In Agronomy

JAMES FRANCIS POWER, B.S., 1951
 JOHN THACKERAY SCOTT, JR., B.S., 1951

In Animal Nutrition

DANIEL WALDO BEARDSLEY, B.S., University of Florida, 1947

JOSEPH PAUL JONES, B.S., M.S., Louisiana State University, 1947, 1948

In Animal Science

HARRY CHANNON EATON, B.S., Missouri University, 1949

JOHN DAVID MCNAIR, B.S., 1950

JOHN MARSHALL SNYDER, B.S., 1947

In Architectural Engineering

HARVEY EDWARD KOEHNEN, B.S., 1951

JAMES DARSE WOODS, B.S., 1950

In Bacteriology

MARY VIRGINIA GARDNER, A.B., Wellesley College, 1942

RICHARD WILLIAM GLADE, A.B., College of Wooster, 1950

EDWARD FRANKLIN HARRISON, B.S., 1950

In Biological Sciences

NATALIE ANN CONNORS, B.S., St. Louis University, 1950

MARY DORIS HAYES, A.B., Evansville College, 1949

TWILA JOY STROCHER, A.B., James Millikin University, 1950

In Ceramic Engineering

GORDON CHARLES GODEJAHN, JR., B.S., 1951

JOSE SALES, B.S., Louisiana State University, 1950

In Chemical Engineering

WILLIAM BENNETT RETALLICK, B.S.E., University of Michigan, 1948

RONALD LUTHER SAXTON, B.S., Pennsylvania State College, 1950

In Chemistry

LILLY WOLF ALTSCHULLER, B.S., 1951

JOHN JOSEPH BEER, A.B., Earlham College, 1950

PAUL LA VERNE COOK, A.B., Hope College, 1950

RICHARD LAVERN DEHM, B.S., Illinois Wesleyan University, 1950

JOHN ROBERT DEMUTH, A.B., Washington University, 1949

THEODORE JOSEPH KNEIP, B.Chem., University of Minnesota, 1950

FRED MCCOLLOUGH, JR., A.B., Wabash College, 1950

ROBERT FREDERICK SYMPSON, B.S., Monmouth College, 1950

DONALD HARRY WILKINS, B.S., Hamline University, 1948

In Civil Engineering

HUGH LENNEOUS COX, B.C.E., North Carolina State College, 1949

HASAN NEJAT DENIZMAN, B.S., 1949

WILLIAM TYSDALE DOCHERTY, B.S., Glasgow University, 1948

CHESTER HONG HO, B.S., University of Arizona, 1950

WILLIAM CHARLES HOELTJE, B.S., Purdue University, 1949

EDWARD A. C. STREED, B.S., 1951

WILBUR TUGGLE, B.S., 1950

GEORGE DOUGLAS TYNDALL WRIGHT, B.A.Sc., University of Toronto, 1949

In Clinical Psychology

MARY HAGOPIAN, A.B., Hunter College, 1949

MARVIN HERSKO, B.S., College of the City of New York, 1949

CORNELIUS ANTHONY SCHOPER, A.B., University of New Mexico, 1948

ESTHER FALKOFF YALOWITZ, A.B., 1946

In Dairy Science

JOHN ROSS TAYLOR, B.S., University of California, 1950

In Economics

RUTH ARLINE BIRDZELL, B.S., 1947

In Education

MARY ELIZABETH ADAMS, B.S., Eastern Illinois State College, 1947
ADA LAURA ALBERT, B.S., 1939
CLEMENT JOSEPH BARANOWSKI, B.S., Wittenberg College, 1950
CLIFFORD WINFREY BASFIELD, B.S., Illinois State Normal University, 1948
ESTHER BENSON, B.S., Lincoln University, 1947
HELEN SOUDERS BORDEN, B.S., Northwestern University, 1942
HAROLD HANDY CARR, B.S., Alabama State Teachers College, 1941
GEORGE SCOTT CARTER, B.S., Lincoln University, 1948
CARL EDWARD CHAPMAN, B.S., 1942
DENVER CARL CORN, B.S., 1948
SCOTT HERBERT COURIER, A.B., 1933
JOSEPH RUSSELL CURRY, B.Ed., Eastern Illinois State College, 1937
WILLIAM DAVID DAUGHERTY, B.S., 1950
LELAND EUGENE DAVIS, B.S., Eastern Illinois State College, 1949
BERT ARTHUR ELLIOTT, A.B., Illinois College, 1949
LYNN FLOYD, B.S., Greenville College, 1948
JOHN WHINREY GRIFFITH, B.S., Northern Illinois State Teachers College, 1949
LOUIS NEWTON HEIDER, B.S., Southeast Missouri State Teachers College, 1928
JOHN HAROLD HENRY, B.S., James Millikin University, 1946
ROBERT REDMOND HESSENBERGER, B.S., 1949
ESTEL EDWIN LOGAN, B.S., Southern Illinois University, 1949
JAMES WILLARD LONGACRE, B.S., Bradley University, 1943
JEAN HIGHLEY MANUELL, B.S., Eastern Illinois State College, 1948
MARIAN CARTER MAY, B.S., MacMurray College, 1921
CHARLES LESLIE McMILLIN, B.S., 1949
JAMES EDWARD McNAMARA, A.B., 1950
SAM MARSHALL MUSCATO, B.S., 1949
PEDER ADOLPH OTTERSON, B.S., University of Minnesota, 1946
SYLVESTER GAIL RENNEN, JR., B.S., 1950
MIRIAM SAYLER, B.S., Illinois State Normal University, 1945
VICTOR ALBERT SCHMITT, B.S., 1949
WILLIAM CHARLES SCHMITT, B.S., Shurtleff College, 1949
ELMER EDWARD SCHWALBE, A.B., Greenville College, 1945
LARRY ERVIN SMITH, B.S., Illinois State Normal University, 1949
KENNETH ODELL STRATTON, B.S., 1950
RALPH ANSLEY WANTLAND, B.S., Illinois State Normal University, 1949

In Electrical Engineering

HOWARD ALBERT BRUST, B.S., University of Colorado, 1950
RICHARD PAUL COLBERT, B.S., Illinois Institute of Technology, 1950
DONALD MCCLELLAN COULTER, B.S., 1949
BURNELL WILLIAM FURSTENAU, B.S., University of Nebraska, 1949
ISAAC DAVID NEHAMA, B.S., 1950
OLIVER THOMAS PURL, B.S., 1948, 1951
ROY DANIEL RAGSDALE, B.S., University of Texas, 1947
WING NOON TOY, B.S., 1950
MYRON WEINSTEIN, B.E.E., Ohio State University, 1949

In Entomology

HARRY EMIL ANDERSEN, JR., B.S., 1950
GLENNA JOAN CORLEY, B.S., Northwestern University, 1949
HERBERT HUGHES MOOREFIELD, B.S., University of Maryland, 1951

In Geography

HUGH RALPH THOMPSON, A.B., Oxford University, 1950

In Geology

RICHARD STANTON BOARDMAN, B.S., 1946
LEONARD GENE SCHULTZ, B.S., California Institute of Technology, 1950
ANDREW ALOYSIUS SESTAK, B.S., 1950
DONALD BLAINE SNODGRASS, A.B., College of Wooster, 1950
JOHN PATTESON WEHRENBURG, B.S., Missouri School of Mines, 1950

In Home Economics

RUTH HUTCHESON, B.S., University of Arkansas, 1937
ANNA JEAN RETZER, B.S., 1946
DOROTHY OLIVER TWARDOCK, B.S., 1934

In Horticulture

ALBERT PERCY NORDHEDEN, B.S., 1950

In Journalism

DAVID STEWART BOYER, A.B., University of Utah, 1947
ROBERT EDWARD DUNN, B.S., 1950
JIM LAWRENCE LURIE, B.S., 1951
IRVING RODGERS MERRILL, A.B., Cornell University, 1941

In Library Science

HELEN MALMBERG BAKER, B.S., 1941
NANCY TERRELL BREWSTER, B.S., Wilmington College, 1947
EDGAR WILBUR CHAMBERLIN, B.S., Indiana University, 1949
BARBARA FRANCES CONNELL, A.B., University of South Dakota, 1949
LOIS MARY DAVIDSON, B.Ed., Southern Illinois University, 1934; A.M., 1941
JANET GERTRUDE DONALDSON, A.B., College of Wooster, 1925
BASIL DZUGAN, Ph.B., Loyola University, 1950
COSETTE ROSALIND FOGLESONG, A.B., University of Texas, 1949
LIBBY VLASTA HALA, A.B., University of Texas, 1949
ANAMARIE JOHNSON, A.B., University of Arkansas, 1947
CARL CLARENCE JOHNSON, A.B., Grinnell College, 1936; M.F.A., Yale University, 1937
JO ANN JOHNSON, A.B., Denison University, 1950
PHILIP LESLIE, A.B., Lafayette College, 1941
SHIRLEY GRACE LOTTICH, A.B., Iowa State Teachers College, 1949
EUGENE LYSIAK, Ph.B., Loyola University, 1946
WILLIAM FREDERICK MORSE, A.B., B.S., Western Reserve University, 1936, 1937
SUSIE LEONIE THEIS, B.S., Simmons College, 1945
JO ANN WILES, A.B., Oklahoma Agricultural and Mechanical College, 1949

In Management

IBRAHIM SAAD ELDEEN ABDALLA, B.Com., Fouad First University, 1945
TZEH NAN CHANG, B.Com., National University of Amoy, 1943
ROBERT LEE NELSON, A.B., Columbia College, 1948

In Mathematics

ARTHUR ROSS BERGER, B.S., Southern Methodist University, 1950
EMANUEL JAMES BETINIS, B.S., Northwestern University, 1950

In Mechanical Engineering

ROBERT LYNN BEARDMORE, B.S., 1951
JOSEPH GREELEY BLICK, B.S., 1950
HAROLD ARTHUR LARSON, B.S., 1948
MICHAEL CHRISTOPHER MOSKOFF, B.M.E., University of Akron, 1948
WHEELER KAY MUELLER, JR., B.S., Iowa State College, 1945
DONALD EDWARD TAYLOR, B.S., 1949

In Mining and Metallurgical Engineering

RODNEY DUANE CAUDLE, B.S., 1950
BURTON IRWIN DAVIS, B.S., 1950
GEORGE WALLACE MCGREGOR, B.E., Otago University, 1950

In Music Education

DANIEL EDWARD FORREST, B.S., 1951
WATKIN PRICHARD JONES, B.Mus., Murray State Teachers College, 1945
G. RUSSELL MATHIS, B.Mus., Illinois Wesleyan University, 1947
RUSSELL ORIS PUGH, B.S., 1950
NORMAN HENRY WERNER, B.S., 1950

In Physical Education

HENRY FRANKLIN CONSTANTINO, B.S., Quincy College, 1950
GEORGE DONALD SIBONS, B.S., 1948

In Physics

LEW ALLEN, JR., B.S., United States Military Academy, 1946
JOHN HERMAN ANDERSON, B.S., University of Denver, 1948
MARK QUAYLE BARTON, A.B., Central College, 1950
HUGH NEEDHAM BROWN, B.S., 1950
GUILLERMO CASTILLO, C.E., Universidad Nacional de Colombia, 1947
WILLIAM HENRY CHRISTOFFERS, B.S., 1950
GORDON KENDRICK DICKER, B.S., United States Military Academy, 1947
RICHARD EDWARD DURAND, B.S., Illinois Institute of Technology, 1950
ROGER DEAN ERICKSON, A.B., St. Olaf College, 1950
CARL FRANCIS JOHNSON, B.S., 1950
CLEON ALVIN MACKLIET, B.S., A.B., University of Washington, 1950
GUSTAV DONALD MAGNUSON, B.S., University of Chicago, 1950
ROY NILSON, A.B., Whitman College, 1950
JACK VERNON PEARCE, B.S., United States Military Academy, 1947
ALFRED GUILLOU REDFIELD, A.B., Harvard College, 1950
ALVIN D. SCHNITZLER, B.S., University of Washington, 1950
SIDNEY SINGER, B.S., Wayne University, 1951
JOHN MARVIN SIVERTSEN, B.S., Northwestern University, 1950
ROBERT KOJI TASAKA, B.S., University of Hawaii, 1950

In Physiology

ROY BERNARD BALDER, JR., B.S., 1950
EDMUND ANDREW GODULA, B.S., Loyola University, 1950
WALLACE DALE LONG, B.S., Millikin University, 1949
NORMAN JOHN SIDERIUS, A.B., Hope College, 1950

In Plant Pathology

ROBERT MINORU TAKESHITA, B.S., Rutgers University, 1950

In Speech Correction

VIRGINIA ANN HEIDINGER, A.B., 1942

In the Teaching of Biological Sciences and General Science

ROGER KEITH BROWN, B.S., 1951
GLENN ELDON STEHR, A.B., North Central College, 1950

In the Teaching of Mathematics

RALPH EARL SMITH, B.S., Illinois State Normal University, 1950

In Theoretical and Applied Mechanics

PREM NARAIN MATHUR, B.S., M.S., University of Delhi, 1944, 1946; M.S., 1950

In Veterinary Pathology and Hygiene

DONALD WAYNE PRATT, D.V.M., Iowa State College, 1943

In Zoology

ROBERT EUGENE DOMAS, B.S., Quincy College, 1951

SARAH ANN JOYNER, A.B., Earlham College, 1947

DAVID WASHINGTON MENZEL, B.S., Elmhurst College, 1949

MERLE MIZELL, B.S., 1950

FRANK CHARLES TICHY, JR., B.S., Wheaton College, 1950

RICHARD GEORGE VAN GELDER, B.S., Colorado State College of Agriculture and Mechanical Arts, 1950

DONALD HOWARD VAN HORN, A.B., Kalamazoo College, 1950

Degree of Master of Education

FRANK LOUIS BAILEY, B.S., 1951

HELEN BONNIE CURRAN, B.S., Illinois Institute of Technology, 1946

RITA DEAN, A.B., Hunter College, 1948

LOREN E. DECKER, B.S., 1951

SIEGFRIED CARL DIETZ, A.B., Cornell College, 1948

MARY LIGGETT EHART, A.B., Quincy College, 1950

GORDON LEE FISHER, B.S., 1949

ORA EDNA FRITZ, B.S., Eastern Illinois State College, 1945

FLORENCE WILLIAMS GOLDMAN, B.S., Temple University, 1947

WILLIAM JOSEPH HARDIN, B.S., Washington University, 1950

HOMER THERON HEAPE, B.S., 1938

RAYMOND FRANK KOSATKA, B.S., Beloit College, 1950

ROBERT EMMET O'BRIEN, B.S., 1951

STEPHEN ANTHONY PAYNIC, B.S., Illinois State Normal University, 1949

JOYCE HOLLAND PEOPLES, A.B., Stowe Teachers College, 1948

RICHARD ESTON RAMSDEN, B.S., 1940

WILLIS EUGENE RAY, B.S., 1951

ELMA SHIPE SAVAGE, B.S., Illinois College, 1931

MAXINE GRUBB WHEELER, B.Ed., 1951

COLLEGE OF LAW**Degree of Bachelor of Science***In Law*AUSTIN WESLEY BUCHANAN
SEYMOUR IRWIN REGAL

RICHARD JAMES WATSON

Degree of Bachelor of Laws

JOHN BENARD CRAIN, B.S., 1950

JOHN TRUMAN CROWELL

JAMES JOSEPH DUNCAN

JACK NEWTON FERGUSON, A.B., James
Millikin University, 1951RALPH EMERSON FLETCHER, JR., B.S.,
1950MORTON ALEXANDER GORDON, B.S.,
1950

RICHARD GORDON GREMLEY

WILLIAM RALPH HOTTO

FRED JOHN KANNMACHER, B.S., 1950

GEORGE ROBERT KELLY, B.S., 1949

RAYMOND LESTER LEE, JR., B.S., 1950

EDWARD JOHN MCWETHY, A.B., Knox
College, 1949

PAUL MCWILLIAMS, JR., B.S., 1945

HAROL HUGH NEES, B.S., 1947

EDWARD FRANCIS PINGER, B.S., 1950

JACK DOMENICK QUARANT

HERBERT FRANCIS SCHULTZ

MAX EARL SHERMAN, A.B., 1950

HARRY WILLIAM SIMMS, JR., B.S.,
1951WAYNE CARLYLE TOWNLEY, JR., Ph.B.,
Illinois Wesleyan University, 1950

PAUL MILTON WRIGHT, A.B., 1950

Degree of Doctor of Law

PHILIP EVERETT PETERSON, B.S., 1950; with Honors

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

EVAN YOUNG ALLEN	PAUL EUGENE HAGAN, with Honors
CARL HIEDELBACH ANDERSEN	GLENN GUSTAVE HINTERMEISTER
RICHARD CARTER BENNETT, with High	HUGH MILTON KING
ROBERT VERNON BARNUM	JOHN WILLIAM KLEMM
Honors	ALBERT ERNEST LIEHR
JAMES RODNEY BRIM	ROY ALLEN MILLER
LAWRENCE BERNARD BRUEGGEMAN	CHARLES ROY NIELSEN
VINCENT WESLEY CHAFFEE	ALBERT JOHN PILCH
HOMER DARREL CRUTHIS, with Highest	ERNEST GERALD PIRES
Honors	HARLAN LEON RHOADES, with High
JOHN WILLIAM DIEKER, with High	Honors
Honors	CHARLES ALAN RICKETTS
CHARLES FRANCIS DITTMER	ARTHUR DEAN ROHRER
RICHARD ALLAN DIX, with High	ROBERT JOHN SNETSINGER
Honors	RICHARD JAY STINSON
WILBUR BRUCE DUFFIELD, with Honors	DENNIS MILES TAYLOR
EDWARD EUGENE DUVICK	EDWARD AUGUST THURN
DWIGHT MARCUS ESAREY	DONALD DWIGHT TIPSORD
MAX CLINE FOX	WILL FRANCIS TRACY
FLOYD MAC FULLER	GEORGE BROCK VEST
ROLLAND DUANE GUSTAFSON, with	LYLE SHERMAN WESSELS
Honors	ELDON EARL WITT

In Dairy Technology

DONALD RICHARD BOYER

In Floriculture

LEO LEVON DONIAN, with Honors

BYRON KENNETH SIROIS

In Home Economics

MARTHA ELLIOTT BECKER	CARMEN LICHTENBERG
DOROTHY DEMAREE CHITTENDEN	FRANCES EVELYN MOLLET
MARIAN CAMPBELL GRAY	ROSEMARY INGA PAULSEN
PHYLLIS KELL JANIS, with High	BARBARA WOODS REGNELL
Honors	

In Home Economics Education

MARJORIE LUSE BICE

BARBARA JEAN LICHTENBERGER

MARTHA JEAN GSCHWENDTNER

ANNA LUCILLE MEYER

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

EWALD RAYMOND DIEMER	LEONARD JOHN PALM
PAUL ROGER EDWARDS	KAZIMIR JOSEPH PATELSKI, Jr.
BERNARD KENNETH GENETTI	CARL FLORIAN SMAJD
CHARLES YOUNG HERBST	EUGENE ROBERT STOJACK
PAUL MARTIN HOOD	WENDELL JEAN THOMPSON, with High
HOWARD RALPH JONES	Honors
LAWRENCE JAMES JURAK	NICK RAYMOND TRIFILIO
DOUGLAS STEVEN MILLER	

In Agricultural Engineering

RICHARD DEAN BLACK, with Honors

JAMES BENJAMIN STOKES

ARNOLD DAVID MOODIE

ALBERT LEE WILSON

In Ceramic Engineering

MELVIN DEAN CHUROVICH

BASIL OHNSTY, JR.

LOUIS HENRY FADANELLI

MORRIS LEE WOOLDRIDGE

In Civil Engineering

JOHN EDWARD BARRETT
RONALD WILBERT BEACH
JAMES DELL BROWN
HERBERT WILLIAM BYERS
WILLIAM EARL CARTER
DEAN CARLETON COMPHER
WILLIAM LEONARD EMMERT
GENE HOWARD FAWCETT
WALTER EARL FISHER, with Honors
DONALD MCARTHUR GORDON
NICHOLAS ANGELO GOUVIS
WILLIAM OLAV GRANDOS
MAURICE GENE HAGERSTROM
CLOIS LEE HARPER
DONALD EARL HENDERSON
HARRY FRANKLIN HILLMAN, with High Honors
CLAIR EDWARD HUTCHISON
ROBERT ALLEN JENSEN
ALBERT EDSON KELLER

PETER WILLIAM KUHN
LEONAS ANTANAS MASKALIUNAS
WALTER JAMES MCPHEE
JOHN ALFRED MIFFLIN
JOHN IRWIN T. MOLONEY
GEORGE ROBERT NEDER
ROBERT PAUL NORLANDER
ALBERT JOSEPH ORSEKES
HARVEY DEAN PETERSON
JAMES CHARLES PHILLIP
TRAIAN JOHN PORA
GEORGE AARON RHOADS, JR.
WILLIAM HENRY RICHARDSON
STANLEY JOSEPH RUPIPER
JESSE WAYNE STORM
NELSON HENRY TABER
WILLIAM FLOYD TINLIN
AUGUST PAT TIRITILLI
HARRY WILLI WAGNER

In Electrical Engineering

ROBERT WILLIAM ANDERSON
WAYNE OCTAVUS ASHBY
DONALD MAXIMILIAN BORNARTH
ROBERT JOHN BROWN
JAMES JOHN BURKE
DAVID BOICE CAMPBELL
EDWIN BRODER CHRISTIANSEN
JOHN CARNEGIE DE VORE
LEON CHARLES DOLLET
RUSSELL ARTHUR DYER
HAROLD EISENBERG
QUENTIN EUGENE FAIR
RONALD STANLEY GEILER
FRANK HAMILTON
CHARLES LAVERN HAMPTON
NORMAN SHOHICHI INOUE, with Honors

JAMES JOHN KRSTANSKY
EUGENE VINCENT MOUNT
VERNON DALE PECKHAM
VITO PETER POLTON
CHARLES EDWARD PONTIOUS
EDMUND JOSEPH PORZEZINSKI
JACK ARTHUR RITT
HOWARD MORTON ROBINS
SHERWIN ROSSET
HOMER SHAPIRO, with High Honors
HERBERT CHARLES SPIERLING
DONALD WAYNE STAGGS
RICHARD NAST STONE
HUGH EDWARD TEAL
ELMER TIETZ
HARRY WILLIAMSON

In Engineering Physics

ALLAN GERALD PIERSOL

WILLIAM MANOS PORTNOY

In General Engineering

CHARLES RUSSELL HUEBNER
WARREN RONALD KLINKE
RICHARD AUGUST NORBERG
STANLEY TAMOTSU OOKA

RALPH EMIL RECKA
WILLIAM ALVIN SOMMER
EDOUARD DONALD VALETTE

In Mechanical Engineering

EARL FRED ANDERSON
THEODORE HOWARD ANDERSON
WARREN ARTHUR ARTWICK
RUSSELL LEE ASTROUSKI
GHULAM DASTAGEER AZIZI
BILLY HAROLD BARMES
HERMAN FRANCIS BEHLS
ARTHUR DAVID BERNSTEIN
JAMES HOWARD BORN
CHARLES MARK BURLINGHAM, JR.
FRED PASQUALE CAIRO
RICHARD DAVID CANNOVA
ROBERT THEODORE CLARK

DESMOND FRANCIS COLLORD, with High Honors
GEORGE PRESCOTT DUENSING
JOHN PHILIP ERICSON
JOHN ROBERT FOLKROD
RICHARD BANCROFT FOSTER
JOHN MATTHEW HEENEY
DONALD JOSEPH HEMING
THOMAS JAMES HERRON
JAMES EDWARD HILL
RUDOLPH EUGENE KIESEL
JOHN STANLEIGH KOKUM
IGNATIUS GEORGE KOSINSKI

CONRAD MITCHELL KRUZA
 BRACE HARVEY LAMBERT
 ROBERT EUGENE LAWRENCE
 NORMAN BURTON LOEVY
 JAMES JAY LUTSCH
 RODGER MACARTHUR
 ROBERT WILLIAM MALCOMSON
 KENNETH ALAN MASTIN
 HAROLD C. MESSINIDES
 LEONARD LEAF MILTON
 JAMES PATRICK MORLEY
 IVAR NELSON, JR.
 ROBERT LEONARD NIEMAN
 JAMES FRANCIS O'TOOLE

RICHARD FRANCIS PARRILL
 JAMES T. PHILLIPS
 ROY JOSEPH PUSTELNIK
 WILLIAM FRED RODECK, JR.
 RICHARD HOWARD SHULTZ
 ROBERT KARL SMITH
 GORDON HERBERT STEWART
 THOMAS JAMES TREZEK
 VERNON RAYMOND UNGAR
 ROY FREDERICK WATTS
 KENNETH FRANCIS WELTER
 ALBERT JOHN WIEGAND
 PAUL HERMAN ZACHAN, with High Honors

In Metallurgical Engineering

ROBERT EARL FRANKENBERG
 LEONARD JOHN GAGOLA
 EMIL RICHARD HERTEL
 HARVEY BERNARD NUDELMAN, with Honors

WILLIAM CAROL PADDOCK
 ROBERT F. WILLIAMS

In Mining Engineering

ROY EUGENE ANDERSON, with Honors
 LEN S. AUSTIN
 ROBERT LESLIE BAIRD
 DARYL RAY GAUMER

BRUCE WILLIAM GILBERT
 ALFRED RISI
 ARTHUR GORDON ROUGHLEY
 RICHARD CARL SIEFERMAN

In Sanitary Engineering

LEROY VINCENT DZIERZANOWSKI

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

BURTON CARL ANDERSON, with Highest Honors in Chemistry
 JOHN ALVIN ANDERSON
 JACK JOSEPH AYLWARD
 PHYLLIS IRENE BARNARD, with Highest Honors in Economics
 HERBERT HARRY BEHRENS
 ERWIN PAUL BETTINGHAUS, JR., with Honors in Speech
 RICHARD LEE BRENNAN
 WILLIAM JAMES BRIGHT
 RALPH CHARLES CHERNOFF
 VIRGIL WAYNE COBB
 THEODORE VINCENT CONTERIO
 VIRGINIA ANNE DAVIES
 ELEANOR MARJORIE DEEMING
 STUART EDGAR DE VORE
 DONALD KNIGHT DILLIE
 SHELDON KALMON EDELMAN
 RALPH EISENBERG, with Highest Honors in Political Science
 WARREN HUNTER FALES
 VELMA RUTH FARTHING
 WALLACE SEYMOUR FELDMAN
 JANE FRANCES FRANCIS
 LIBBY FRIEDMAN
 CEASAR GIANASI

JOHN WILLIAM GILLIS
 KENNETH LESTER GLASSMAN
 IRWIN L. GOLD
 JAY FRANK GOLDMAN, with High Honors in Spanish
 RUTH ADRIENNE GOLDSMITH
 THERESE IRENE GRANT, with Honors in Political Science
 ROBERT WERNER GRIESE
 STUART GROSSMAN
 RICHARD FORREST HANSON
 GERALD SCOTT HASTEROK
 LLOYD GLEN HEROLD, with Honors in Political Science
 SHIRLEY ALICA HUDSON
 CLAUDE HENRY JACKSON
 RALPH JAY JOHNSON
 THEODORE HAROLD JOHNSON
 JAMSHID KAHNEMUYIPUR
 CALVIN DAVID KANTER
 VIRGINIA MARIE KAYE
 ROBERT HARRY KING
 EDITH BERTA KOHLHAGEN
 BRANDON GEORGE KURTH
 WERNER FRANK LADEWIG
 ROBERT J. LAFEMINA
 JANET BARBARA LALLA

JEANINE LENORE LARMOTH
 ANITA RUTH LEWICK
 LORRAINE VOHASEK LINDEN
 GERALD LIPSICZ
 CYNTHIA JANE MARTIN
 EDWIN BERNER MAY, JR.
 JANINE MAXINE MERCER
 JACQUELINE ROSE MERLO
 MARCIA NAOMI METCALF
 BENNETT RONALD MOSS
 ARTHUR LEWIS MOSTOW, with Honors
 in Political Science
 MACE MOULTON
 DONALD KEITH NELSON
 FRANCES BELLE NEWMAN
 WILLIAM THOMAS O'BRIEN
 ROBERT JOSEPH PENNINGER
 F. SHERWOOD PHILLIPS
 JOHN THOMAS PIERCE
 ELMO RACE RICHARDSON, with High
 Honors in History
 ERNEST ALLAN RICHTER
 MARISUE BARBARA ADAMS ROBY
 THOMAS ARTHUR ROSKO
 GEORGE EDWIN ROSS
 RICHARD EDWARD ROXBURGH
 MYRNA ANN RUE

In Home Economics

ROBERTA MCCLURE SCHWAIGER

In the Teaching of English

JOYCE LILLIAN ANDERSON
 SALLY COHEN
 LAWRENCE EDWARD CONNOLLY

ILEANE SACHS
 JEROME WILLIAM SCHWAIGER
 TROY ALEXANDER SCOTT, JR.
 JAMES FREDRIC SHIMEALL
 SANFORD SILVERSTEIN
 LORRAINE MARIE SPENGLER
 SALLY ANN SPIEGEL, with High
 Honors in Psychology
 THELMA SPRINGER, with Highest
 Honors in Spanish
 ZORALYN MAY STAHL
 J. ROBERT STAPLETON
 JOYCE HELEN STONE
 ARMER MARTIN SWANSON
 LLOYD WESLEY THORSON, with High-
 est Honors in International Affairs
 HENRIETTA TOMLIN
 CLAUDE H. TRAUGOTT
 BETTY JOHNSON VANCE
 C. EDWARD WEBER, with High
 Honors in Economics
 EARNEST RALPH WILKINSON
 ROBERT FRANK WILSON
 JOAN BARBARA WISS
 ROSALINE LIEBENSON ZUKERMAN, with
 Highest Honors in Psychology

In the Teaching of Social Studies

CLARICE CLOTILDE DAVIS
 JACK LUCIEN LUCARELLI
 DOROTHY PATRICIA NEDER, with
 Highest Honors

PATRICIA ANN NICKELL, with Highest
 Honors

In the Teaching of Speech

MELVIN IRVING ROTH

RUTH MCKENDREE TREEN

Degree of Bachelor of Science

In Chemical Engineering

WILLIAM JOSEPH FRIEMEL, JR.
 ALFRED HENRY KNEBEL, with Highest
 Honors
 ROBERT WILLIS KOUCKY, with Highest
 Honors
 WILLIAM RICHARD KRITZ
 ROBERT JOHN LANGEL

LADDIE MACHA, JR., with Honors
 GEORGE FRANK MATACEK, JR., with
 High Honors
 DANIEL CHARLES MCINTYRE
 EUGENE FRANK PISHA
 JERROLD EVERETT RADWAY
 JEROME SPIWAK

In Chemistry

JOHN ANTHONY CARBON, with High
 Honors
 RANGER DAVID HEMENWAY
 DAVID RICHARD HERBST, with Honors
 RAYMOND FRITS HERTZ
 JEAN CECELIA HOVERSON
 FRED ALLEN MEERS

GEORGE CHARLES PECNA
 RICHARD WILLIAM SHELLMAN, with
 Highest Honors
 HAROLD KING SINCLAIR
 GERALD KEITH VICK, with Honors
 CHARLES STEVE WILHELMY, with
 High Honors

In Liberal Arts and Sciences

ORVAL ALLISON, JR.
RALPH LEROY ANDERSON
MURRAY SHELTON BLUM
ISABEL ROSALIND BROWN
FRANK CHARLES CARTER, JR.
RICHARD ALLEN CRAIG
THOMAS VINSON CROCKETT
FLORENCE LILLIAN CUNNINGHAM
WILLIAM ENG
ROBERT JOSEPH ENGERT
WILLIAM HERBERT FISCH
VERNE HOLLIS FOSTER
JOAN BARBARA FRANKEL
WILLIAM JAMES FRAZER
HERBERT LEE ROY GRAY
LENNART CARL JOHNSON
EUGENE EDMUND KOHLBECKER
WALTER KOTEFF
JOSEPH MANUEL LAGO
GEORGE LENOWICH
RONALD MICHAEL LLOYD

JANET KENNEDY LUNDGOOT, with
Highest Honors in Psychology
KENNETH HERSCHEL MACDONALD, with
Honors in Botany
EDWARD SHNARE MAGNUS
CHARLES FRED MAJOR, JR.
ALICE MARIE MOERCHEN
ANTHONY SALVATORE MOLINARI
DAVID WILLIAM NIGHTINGALE
MALIK MOHAMMED QURAISSHEE
CHARLES CLYDE RHINE
ROBERT WALLACE SCHRUM, with
High Honors in Chemistry
CONRAD ELLIS SHAW
HARRY ROBERT SKALLERUP, with High
Honors in Botany
EMIL MICHAEL SMETKO
LAUREN ARCHIE STRAFFORD
LAWRENCE WARREN THOMAS
JAMES LEONARD WATSON
MARVIN WEINSTEIN, with Honors in
Psychology

In Speech Correction

RUTH MARCUS HERSKO, with Honors JANE PHYLLIS SULLIVAN

In the Teaching of Biological Sciences and General Science

G. REINHOLD MANKAU ANNE PATRICIA SHAPIRO
JOSEPH JAMES MAZURA

In the Teaching of Chemistry

WALTER ROBERT BLISS

In the Teaching of Mathematics

JAMES FRANCIS HOUSH

LIBRARY SCHOOL

Degree of Bachelor of Science

In Library Science

LOIS FERGUSON CHAMBERS, with Honors	ANNA MAE HART
LOUISE HUGHES GOINES, with Highest Honors	MURIEL KUHN
	IRMA NELSON TIMMONS, with Honors

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

HELENE LOUISE BEHL	ALICE MCREYNOLDS
SHIRLEY JEAN BRIERE	WALTER FRANKLIN MEINERT
LOUISE MUENZER BRUYN, with High Honors	JANET MENACKER
NATALIE FLORENCE CHERNER	CLAIRE JOAN MOORE
JAMES JOSEPH CURRY, with High Honors	DOROTHY VARLAND MULVANEY
SARAH ANN ELLIOTT	HAZEL WILSON OSBORNE
MARY JOANNE FINNEGAN	DELORES ELSIE PARTEKEL
BARBARA BRECKENRIDGE GLADE	LOIS JEAN ROLLINS, with Honors
VERNON VIVIAN GOPAUL	EUGENIA JEANETTE ROM
ROBERT HENRY KYES	BETTY MAY ROSEN
BETTY-ANN LEVIN	LENORE ROSENFELD
	ELIZABETH GOODSELL RUMP, with High Honors

JOAN RENEE SCHUMANN
SUZANNE MAGDELANE SMITH
NANCY WILSON SOMMER
CONSTANCE DUNCAN STANLEY
ROBERTA LOIS STEIN
BARBARA HILL SWANBORG, with
Honors

NANCY CAROL THIMOS
MARGARET MINER WESTERBECK, with
High Honors
DOROTHY ANN WRIGHT

In the Education of Mentally Handicapped Children

MARCIA SMITH CENTURY, with Honors ELAINE JANICE FAUST

In Elementary Education

CHIYE KUROSE

In Industrial Education

DWIGHT ALLEN BAKER
JOSEPH SEXTON CARLSON
EUGENE ALLEN HIGGINS

MYRON S. STEFFENS
JACK THOMAS WILLIAMS

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

JAMES FRANCIS ALTHOFF
JACK GARRETT ANDERSON
MICHAEL BALINT, with Honors
WALTER KIRK BARTLETT, with High
Honors
ARNOLD GENE BLAND, with Honors
GEORGE ANDREW BOURDAGE
WILLIAM WARREN BRACKETT
OTTO EDWIN BUER, with Honors
FRANK JOSEPH CUDAH, Jr.
PAUL LYLE CURTIS, with Honors
WALTER MARTIN DAVIS, with Honors
JOHN DEANE DONAHUE
JOHN EDWARD DONOVAN
JAMES CHARLES EGAN
DAVID JOHN FLANIGAN
JOHN ARTHUR FRIES
JOHN CHARLES HARVEY
GILBERT HEALY
JOHN ROBERT HEASTER
ERNEST KAPLAN
RONALD JORDAN KAY
RAYMOND EDWARD KLAUZER

GEORGE LARRY KOSANOVICH
LELAND FRANCIS KREID, JR.
SEYMOUR IRWIN LEVIN
ROBERT LEONARD MANSON
SHELDON HOWARD MARDER
SHERMAN NEUMAN
JOHN JOSEPH NICHOLSON
WILLIAM DONALD PIERCE
ARTHUR FRANK POLKOW
ALBIN STEPHEN POLONYI
MARVIN GLENN RAPP
THOMAS BURKE REYNOLDS
LLOYD EVAN ROBERTS
LAWRENCE ALLEN SHERMAN
PAUL LOUIS SMITH
PHILIP RALPH STABLEIN, with Honors
DONALD WAYNE SWIFT
PETER B. THOMSON
ANDREW STANISLAUS GUSTAVUS
TURYN, with Honors
LEONARD WEXLER
NATHAN LEWIS WORKMAN
WILLIAM FRANK ZWIT

In Banking and Finance

NEIL ARTHUR HELBLING

In Commerce and Law

JOHN LEE BETOCHE
RALPH AUBERY MANTYNBAND

ELLEN SARAH TINKOFF

In Commercial Teaching

VIRGINIA EDIE

WILMA LOUISE VAUGHT

In Economics

ROBERT MYRON KRAUSE

TERRY PARENTI

In Foreign Commerce

ROBERT FRANCIS BATES

In Industrial Administration

JAMES SYLVESTER ARMSTRONG, JR.
LEONARD BOROK
JOHN FRANCIS HARVARD
ERNEST ELLIOTT POTTER

HERBERT EUGENE SEANEY
JOHN WILSON TRUMBULL
JOSEPH WILLIAM VOLK

In Insurance

DAVID CLIFFORD BEHNKE

In Management

VERNON EDVICK BENGTON
JAMES LELAND DEEREN, with Honors
KENT RICHARD DITTMANN
CASIMIR BERNARD DZIEDZIOCH
FRANK BERNARD GOODMAN
WILLIAM O. GOODWIN
RONALD ARCHIBALD KEEHNER
JOHN EDWARD LAIR

RAYMOND CLARENCE LUTHER
HOMER NICK MASTORAKOS
JAMES ALLEN MILLER
MORTON LAWRENCE OSTOW
ROBERT CORNELIUS SEIB
TED JOHN SOBOTA
WILLIAM SEWALL STROHEKER
LOIS HELEN WICKHAM

In Management and Marketing

WILLIAM KEITH CASWELL, JR.
BARRY JOSEPH CITOW
WILLIAM FASSNACHT
BERNARD D. GARTNER
ROGER ANSEN GURTHET

RUDOLPH EDWARD HAAS, JR.
VIRL LEE HILL
JOHN ALDEN ROSCHMAN
LAWRENCE ALLEN SHERMAN
RICHARD RAYMOND STROCKIS

In Marketing

STANLEY EARL ARDEN
NICHOLAS GEORGE BIRO
WILLIAM JOSEPH BOOR
CHARLES HALDEN CAMPBELL
JOHN HOYT CARREL
RICHARD DEAN CRUMP
DONALD CLETUS FANE
BARBARA GOLDMAN
ALBERT DAVID GRAVENHORST
ALLEN JOHN HEIM
ORVAL LEWIS JACKSON
THOMAS HARVEY JEFFRESS, JR.
ROCHELLE LEONARD, with Honors
ABRAHAM FRED MARCH
ROBERT EDWARD MILLER

LOUIS ARTHUR MYLIUS
JAMES ROBERT PETERSON, with High Honors
PAUL FRANCIS SCHECKEL
ALEX SEMENCHUK
HOWARD DONALD SOLOMON
DEANE RUSSELL STEWART
GEORGE FRANK TARNOW
ALBERT RUSSELL TATE, JR.
HAROLD SEYMOUR TROPP
MICHAEL EUGENE TURNER
JAMES ROBERT WARNES
RICHARD ALLAN WATTERWORTH
DAVID THOMAS WILLIAMS
MATTHEW JOSEPH ZILINSKAS

SCHOOL OF JOURNALISM AND COMMUNICATIONS**Degree of Bachelor of Science***In Journalism*

HERBERT DAVID AGASE
DANIEL FLOYD ASTRAHAN
DAVID LEONARD BRAUN
ROSEMARY ANN CERNY
NANCY ELAINE DENES
MARTHA JEAN GARLING
ROBERT ANDREW GONKO
ROBERT WENDELL HINES
DONALD HENRY KANTER, with Honors
STANLEY ARTHUR KOVEN
MARILYN LEE KUEHN
ROBERT ARTHUR LINCOME
BARBARA LOUISE MADDEN

HOWARD GUSTAVE NEUBERG
HARRY MATTHEW PARMENTER
ALEXANDER CEASAR POINSETT
MARY JANE DOROTHY SMILANIK
MURRAY SMITH
WINIFRED LOUISE TAFT
RODERICK ORVILLE URQUHART
VALERIE ROSE VANCE
GEORGE WALKER
NATALIE EDYTHE WENIG
BARBARA JANE WILLIAMS, with Honors
SANDRA ZUCKERMAN

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

ROBERT HOWARD BAILEY	CLARENCE BERTHOLD MCCLAIN
JAMES LAWRENCE BARRY	RICHARD DEAN MILLS, with Honors
JOHN ALEXANDER BAYER	ROY DALE MURPHY, with Honors
SYDNEY BARBARA BERRY, with Highest Honors	DONALD HERBERT PETERSON
EDWARD PETER BUNCE	NOBLE EUGENE ROSE
JUAN BAUTISTA CABRERO	ARTHUR GEORGE SALZMAN
ALOYSIUS GEORGE CIHA	JEROME SOLTAN
LOUIS C. COUCH	CHARLES WILLIAM SPENCER
PAUL EUGENE DIXON	RAGNAR GUSTAV SWANSON
JAMES FRANCIS DOUGHTY	JOHN PETER SZUBA
ROBERT DAVID FIELD	ROBERT LEONARD TAEGE
PETER FUNG	WILLIAM PAUL WENZLER, with High Honors
FRANK WILLIAM HOELTERHOFF	ROBERT JOSEPH YUNGCK
FRED JOHN MASEK	
RICHARD WILLIAM MAYNE, with High Honors	

In Architecture

BERT THOMAS ANDERSON	JEROME JOSEPH KLINGELE
LEO MURRAY ARMS	ANTHONY EDWARD KOZAKIEWICZ, Jr.
AUGUSTINE ABRAHAM CABANBAN	JOHN KEITH LAUMER
DONALD HENRY CARLSEN	DONALD ROBERT LAZ
CHARLES HERBERT DAWE	DONALD EDWIN MADGWICK
JACK CECIL FOSTER	ROBERT ALEXANDER MICHALOWSKI
EDWARD SAMUEL GREENWALD	RALPH MILLER
ALFRED EHRLMAN HOERTZ, Jr.	CECIL EDWARD NEUNABER
HARLAN HERBERT HRUBANT, with Honors	ERNST SCHRANZ
DAVID CHARLES JULIANO	WILLIAM CARL SCHUBERT, Jr.
RICHARD JOHN KARAKUSZKA	DONALD HENRY SIEG
TED BERTRAM KEMNER, Jr.	DONALD THOMAS SMITH
ROBERT FRANCIS KICHIN	NICK SAM THEODOROU
	MIROSLAV VANEK

In Music Education

VINCENT MICHAEL CHORNE	ELSIE ESTHER MAYLATH
JOHN LAWSON DORING, with Honors	ELDON EDWARD OYEN

Degree of Bachelor of Fine Arts

In Advertising Design

JOHN WILLIAM QUINN

In Art Education

BEATRICE JOY GABRIELE	DIANE JOAN RUTTER
JOY ALICE HOLM	BARBARA SMITH
MARILYN DOROTHY MUELLER	

In the History of Art

RUTH ELINOR THOMAS, with Honors

In Industrial Design

ROBERT MARTIN GOODMAN	JAMES RICHARD MCGIRK
GEORGE RICHARD HAUPT	ROSS GORDON MURRAY
WALLACE THEODORE JOHNSON	ANTON JOSEPH PANZICA

In Painting

JOHN WARREN EKSTROM	MARY POND MACDONALD
VIVIENNE RUTH JENNINGS	

Degree of Bachelor of Music

DONALD LEE BRYAN, with Honors
 PETER ALEXANDER ECKERT, with
 Highest Honors

VIRGINIA ORAHOOD ELLIOTT, with High
 Honors

SCHOOL OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Physical Education*

ROBERT CHARLES ALBRECHT
 RICHARD REGINALD BURKHART
 JAMES DOUGLAS CANNON
 CLEMENTENE PRUETT CLARK
 RICHARD BATES JENSEN
 WARREN STEPHEN KARP
 CARLA JOAN LEONE
 DOUGLAS HOLLIDAY MOEWS
 HELEN MOULOUKOS

SAM JOHN PIAZZA
 JAMES PATTON RAMSEY
 NANCY VIRGINIA RICHARDSON
 JAMES HAROLD SANDS
 JAMES RICHARD SASSO
 ROBERT GEORGE SCOTT, JR.
 CHARLES BROMLEY STUDLEY
 WILLIAM LON THOMPSON

In Recreation

JOHN MELVIN DAVIDSON

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS**Degree of Bachelor of Science**

MELVIN CHAUNCEY ALBEE
 ORVILLE ANGLEMIER, JR.
 THOMAS JOSEPH ARBOGAST
 CHARLES KENNETH ASKLUND
 LEONARD ATKIN
 ROBERT JOSEPH BARTUSCH
 ROYCE ANTHONY BEHREND
 ROBERT KEITH BENNETT
 HENRY BARLOW BLACKWELL, II
 JAMES DURWOOD BROWN
 DENNIS AUGUSTUS LEO BRYA
 DELFORD ROSCOE CANTRELL
 ARNOLD ELMER CHRISTJANSEN
 LEWIS DONALD CHRISTNER
 JIM MADISON DAVIDGE
 LEONARD HARRY DAVIS
 DAVID HENRY DONNELLY, with Honors
 LEE DAVID EHRlich
 FRED ROGER ERBES
 LOUIS WILLIAM FERRARA
 GEORGE LOUIS GIBSON, JR.
 BASIL GEORGE GREANIAS
 MICHAEL TREE GREHL, with Honors
 JOSEPH HOWARD GRIMSEY
 HENRY MATHEWS GROVES
 HAYDEN DONALD GROV
 GEORGE OLIVER HANAWALT
 ROBERT C. HANNUM
 GEORGE JAMES HARUCH
 JAMES BRAINARD HATCH
 FRANK JERRY HAUSERSPERGER
 EARL JOHN HEIL, JR.
 DAVID MICHAEL HEINZ, with Honors
 KEITH HELM

MORTON HERMAN
 EDWIN CHARLES HORN
 WALTER DAVID HOSKINSON
 NATHANIEL CHARLES JOHNSON
 FRANK LYON JORY, JR.
 HAROLD KAPLAN
 CLARENCE HENRY KELLEY, JR.
 EDWARD ULYSSES KUTTER
 RICHARD LEON LARSON
 ROBERT LEROY LEE
 DONALD UDELL LIPMAN
 FRANKLYN DAVIDSON MAXEY
 RICHARD EUGENE McLAUGHLIN
 JAY ALAN MISICKA
 JOHN ANDREW NELSON
 DONALD ELWOOD NORTHWAY
 ROBERT LOUIS PETERSON
 JOE CARL PHIFER
 HERBERT FRANK PITSCHKE
 ROLAND PAUL PRIMAS
 RICHARD REINAUER
 DAVID ALLEN ROSE
 ANTHONY SOKOL
 EDWARD PHILIP SPENGLER, JR.
 EDWARD GEORGE TAPLING
 WILLIAM WALTER TWIGG
 MILLARD RUSSELL VALERIUS
 ROBERT VICTOR WALDEN
 WILLIAM J. WALKER
 EDWIN ANDREW WELGE
 LAURENCE ALEXANDER WHITE
 HOWARD NORBERT WOLFE
 JOHN WARREN WOOD
 NORMAN CLINTON WOODS, JR.

ANNUAL MEETING

On motion of Mr. Johnston, the Board voted to hold the annual meeting in the LaSalle Hotel, in Chicago, Illinois, on Wednesday, March 12, 1952, beginning at 5:00 p.m.

DRILL HALL AT NAVY PIER

President Livingston reported that the Corporation Counsel of Chicago has requested that representatives of the city be permitted to appear before the Board of Trustees to discuss the possibility of the University relinquishing the Drill Hall at Navy Pier on or before June, 1952, for use by the Municipal Court of the city of Chicago. The request was for appearance at today's meeting but the Secretary advised the Corporation Counsel's Office that the question to be discussed is of such importance that it should be considered when more of the Trustees are present than could be present today.

The Secretary was instructed to invite the city to send its representatives to the meeting on March 12.

MEETING OF COMMITTEE ON TELEVISION

Mr. Livingston stated that he would call a meeting of the Committee on Television at 4:00 p.m., Wednesday, March 12, 1952, preceding the annual meeting of the Board, and that the Committee will hold another conference with representatives of the Illinois Broadcasters Association following the Board meeting so that all of the Trustees can participate in this conference.

**AUTHORIZATION OF LEGAL COUNSEL TO ENTER APPEARANCE
OF THE BOARD IN LEGAL PROCEEDINGS**

The Legal Counsel requested authority to waive service of process upon, and to enter the appearance of, the Board of Trustees of the University of Illinois in any suit in any court of competent jurisdiction in which the University or the Board of Trustees is made a party when, in his opinion, it will serve, and will not prejudice, the interests of the Board or of the University to do this.

On motion of Mr. Johnston, authority was granted as requested.

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

March 12, 1952



The annual meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, March 12, 1952, beginning at 5:00 p.m. (On February 22, 1952, the Board voted to hold the annual meeting on Wednesday, March 12, 1952, instead of on the second Tuesday of March.)

The following members were present: Mr. John R. Fornof, Mr. Wirt Herrick, Mr. R. Z. Hickman, Mrs. Doris S. Holt, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Herbert B. Megran, Mr. Vernon L. Nickell, Mrs. Frances B. Watkins. Mr. Harold E. Grange and Governor Adlai E. Stevenson were absent.

Also present were: President George D. Stoddard, Provost C. R. Griffith, Vice-President A. C. Ivy, Mr. Ralph F. Lesemann, Legal Counsel, Dean Wilbur Schramm, Mr. R. B. Hudson, Director of University Broadcasting, Mr. Frank E. Schooley, Manager of Station W I L L, Mr. J. F. Wright, Director of Public Information; Mr. C. Lincoln Williston, Manager of Public Information, and Mr. H. W. Pearce, Superintendent of Buildings and Grounds, at the Chicago Professional Colleges; Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

MR. JOHN R. FORNOF ELECTED PRESIDENT PRO TEMPORE

By acclamation, Mr. Fornof was elected President Pro Tempore and took the chair.

MR. PARK LIVINGSTON ELECTED PRESIDENT OF THE BOARD

Mr. Hickman nominated Mr. Park Livingston for the Office of the President of the Board for 1952-1953.

On motion of Mr. Nickell, the nominations were closed and the Secretary was instructed to cast the unanimous vote of the meeting for Mr. Livingston as President. The ballot was cast, and Mr. Livingston was declared elected President of the Board for the year 1952-1953. He took the chair and expressed appreciation of the confidence of the Board in re-electing him to this office.

MR. A. J. JANATA ELECTED SECRETARY

Mr. Johnston nominated Mr. A. J. Janata for the Office of Secretary of the Board.

On motion of Mr. Herrick, seconded by Mr. Nickell, the nominations were closed and Mr. Janata was unanimously elected Secretary of the Board for the year 1952-1953.

MR. LLOYD MOREY ELECTED COMPTROLLER

Mr. Herrick nominated Mr. Morey for the Office of Comptroller.

On motion of Mr. Johnston, seconded by Mr. Nickell, the nominations were closed and the Secretary was instructed to cast the unanimous vote of the meeting for Mr. Morey as Comptroller. The ballot was cast and Mr. Morey was declared elected Comptroller for the year 1952-1953.

EXECUTIVE COMMITTEE ELECTED

Mrs. Holt nominated Mr. Herbert B. Megran and Mrs. Frances B. Watkins to serve with the President of the Board as members of the Executive Committee for 1952-1953.

On motion of Mr. Nickell, the nominations were closed and the Secretary was instructed to cast a unanimous vote of the meeting for Mr. Megran and Mrs. Watkins as members of the Executive Committee. The ballot was cast and Mr. Megran and Mrs. Watkins were declared elected as members of the Executive Committee for the year 1952-1953.

DELEGATION OF SIGNATURES

On motion of Mr. Megran, seconded by Mr. Johnston, the following resolution was adopted.

Resolved, that the President and the Secretary of the Board of Trustees of the University of Illinois are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the State Auditor, and to warrants drawn on the Treasurer of the University, under the following conditions.

The President of the Board of Trustees is authorized to delegate to C. H. Pratt, to L. M. Dahlenburg, and to W. D. Green in Urbana, and to H. A. Hazleton, to G. H. Pontious, and to H. O. Albers in Chicago, to H. R. Kobes and to Mabel F. Meek in Springfield, authority to sign his name as President of the Board of Trustees to vouchers against the State Auditor; and to C. C. DeLong, to R. W. Zimmer, and to R. F. Wood in Urbana, and to H. A. Hazleton, to G. H. Pontious, and to H. O. Albers in Chicago, authority to sign his name to warrants on the

University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to Maude Archdeacon, to Everett G. Smith, and to Helen S. Sutherland in Urbana, and to G. R. Moon, to Ethel Engeljohn, to Helen Wyle, and to Velma M. Davis in Chicago, authority to sign his name as Secretary of the Board of Trustees to vouchers against the State Auditor and to warrants on the University Treasurer, covering vouchers approved in accordance with regulations of the Board. The Secretary of the Board of Trustees is authorized to delegate to Mrs. Freda M. Hicks and to Lean C. Ryan in Springfield, authority to sign his name as Secretary of the Board of Trustees on vouchers against the State Auditor approved in accordance with the regulations of the Board. And be it further

Resolved, that the First National Bank of Chicago as a designated depository of C. W. Weldon, Treasurer of this corporation, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signatures of the two following: Park Livingston, President, and A. J. Janata, Secretary; and the First National Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens duly certified to or filed with the First National Bank of Chicago by the Secretary or other officer of this corporation. And be it further

Resolved, that the Auditor of Public Accounts is hereby authorized and directed to honor vouchers bearing facsimile signatures of the President and Secretary of the Board of Trustees of the University of Illinois if such facsimile signatures resemble the facsimile specimens duly certified to or filed with the Auditor of Public Accounts by the Secretary.

STANDING COMMITTEES FOR 1952-1953

President Livingston stated that he is appointing as the standing committees for 1952-1953 the same committees appointed for the year 1951-1952.

Agriculture

WIRT HERRICK, Chairman
MRS. DORIS S. HOLT
HERBERT B. MEGRAN

Alumni

JOHN R. FORNOF, Chairman
HAROLD E. GRANGE
MRS. FRANCES B. WATKINS

Athletic Activities

ROBERT Z. HICKMAN, Chairman
HAROLD E. GRANGE
WIRT HERRICK

Buildings and Grounds

HERBERT B. MEGRAN, Chairman
JOHN R. FORNOF
WIRT HERRICK
MRS. DORIS S. HOLT
MRS. FRANCES B. WATKINS

Chicago Departments

MRS. FRANCES B. WATKINS, Chairman
HAROLD E. GRANGE
HERBERT B. MEGRAN

Finance

JOHN R. FORNOF, Chairman
WAYNE A. JOHNSTON
MRS. FRANCES B. WATKINS

General Policy

WAYNE A. JOHNSTON, Chairman
ROBERT Z. HICKMAN
HERBERT B. MEGRAN

Nonacademic Personnel

HAROLD E. GRANGE, Chairman
ROBERT Z. HICKMAN
MRS. DORIS S. HOLT

Patents

ROBERT Z. HICKMAN, Chairman
WIRT HERRICK
MRS. DORIS S. HOLT

Student Welfare and Activities

MRS. DORIS S. HOLT, Chairman
WAYNE A. JOHNSTON
MRS. FRANCES B. WATKINS

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following reports and recommendations from the President of the University.

DEPARTMENT OF MEDICAL SOCIAL WORK IN COLLEGE OF MEDICINE

(1) The Dean of the College of Medicine recommends the establishment of a Department of Medical Social Work for the training of students in the special field of medical social work to be organized and administered according to the following plan:

1. All medical social work in the College of Medicine and in the Research and Educational Hospitals shall be under the direction of this Department so that its activities may be coordinated with the over-all educational program of the College.
2. The personnel of the Department shall consist of
 - a. The Head of the Department who shall have professorial rank and whose duties shall be those specified for department heads in the University of Illinois Statutes.
 - b. An academic staff whose members shall have appropriate rank and academic status in the College of Medicine.
 - c. A nonacademic staff of medical social workers.
 Present members of the University staff now engaged in teaching and medical social service will be given appropriate academic and nonacademic positions in the new Department.
3. In order to maintain close working relationships with the School of Social Work at Urbana, and to assure that the Department will function effectively in the training of students from the School of Social Work in the specialty of medical social work,
 - a. The Head of the Department of Medical Social Work in the College of Medicine shall also hold an academic appointment in the School of Social Work.
 - b. All appointments to the academic staff of the Department of Medical Social Work shall be subject to the approval of the Director of the School of Social Work.
 - c. The Department of Medical Social Work shall carry such responsibilities for teaching as may be assigned by the School of Social Work.

I concur.

On motion of Mr. Johnston, this recommendation was approved.

APPOINTMENT OF MARY LOUISE HEMMY AS ASSOCIATE PROFESSOR AND HEAD OF DEPARTMENT OF MEDICAL SOCIAL WORK

(2) The Dean of the College of Medicine and the Director of the School of Social Work recommend the appointment of Miss Mary Louise Hemmy, now Director of the Social Service Department of Washington University Clinics and Allied Hospitals in St. Louis, as Associate Professor and Head of the Department of Medical Social Work in the College of Medicine and Associate Professor in the School of Social Work, on indefinite tenure beginning July 1, 1952, at an annual salary of \$7,500 (AY basis).

This appointment has been recommended by a committee of the faculty of medicine consisting of Dr. Ford K. Hick, Professor of Medicine, Chairman; Dr. Francis J. Gerty, Professor and Head of the Department of Psychiatry; Dr. Harry F. Dowling, Professor and Head of the Department of Medicine; Dr. Julius B. Richmond, Professor of Pediatrics; and Professor Marietta Stevenson, Director of the School of Social Work.

I concur.

On motion of Mr. Johnston, this appointment was approved.

APPOINTMENTS TO THE FACULTY

(3) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. HIRAM T. LANGSTON, Clinical Associate Professor of Surgery, College of Medicine, beginning March 1, 1952, without salary (BY).

2. LEONARD E. MILLER, Associate Professor and Director of Laboratories, in the Department of Chemistry, beginning September 1, 1952, at an annual salary of \$9,000 (AY).

3. CHARLES EDMUND SWANSON, Research Professor in the Institute of Communications Research, Division of Communications, and Assistant Dean of Division of Communications, beginning June 16, 1952, at an annual salary of \$10,000 (DY).

On motion of Mr. Hickman, these appointments were confirmed.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(4) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who have qualified under Section 4b of the Accountancy Act of 1943, as amended, by passing examinations given by the Special Board of Examiners at various times prior to December 6, 1951. The certificates of these candidates were invalidated by the Circuit Court of Cook County in 1951 holding Section 4b of the Accountancy Act as originally passed unconstitutional. Subsequently, the Section was amended and is now free from constitutional objection. These candidates have again qualified but new certificates will have to be issued.

JOSEPH ALPERT (Chicago)

LEO MEADE (Chicago)

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
SAMUEL AFTERGUT	St. Louis, Missouri	Missouri
GEORGE JOHN HRODEY	Park Ridge	Missouri
JAMES MYLES	St. Louis, Missouri	Missouri
ABE LOUIS SHUGERMAN	Cleveland Heights, Ohio	Wisconsin

I concur.

On motion of Mr. Nickell, these certificates were awarded.

SABBATICAL LEAVES OF ABSENCE, 1952-1953

(5) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1952-1953 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the periods indicated.

The programs of research, study, and travel for which these leaves are requested have been examined by the University Research Board which advises the President in such matters. The Research Board's report to the President includes an evaluation of the program in terms of benefits to the University and to the individual and constitutes a part of the record of each case.

Leaves of Absence for the Full Academic Year on One-Half Pay

REINHOLD BAER, Professor of Mathematics

JOHN T. FLANAGAN, Professor of English

MARGARET R. GOODYEAR, Assistant Professor of Home Economics

PAUL N. LANDIS, Professor of English

WILLIAM H. MCPHERSON, Professor of Economics

DONALD W. PADEN, Associate Professor of Economics

CHARLES S. WALTERS, Associate Professor of Forest Utilization

Optional Applications

ROYAL A. GETTMANN, Professor of English, with the option of changing to leave for the second semester on full pay. Professor Gettmann has applied for a Fulbright grant. If he is not awarded the grant, he desires leave for the second semester on full pay.

- EDWARD J. SCOTT, Assistant Professor of Mathematics; contingent upon receipt of grant from the Office of Naval Research.
- FREDERICK L. WILL, Associate Professor of Philosophy, with the option of changing to leave for the second semester on full pay. Professor Will has applied for a Guggenheim fellowship. If he is not awarded the grant, he desires leave for the second semester on full pay.

Leaves of Absence for One-Half Year on Full Pay

First Semester

- ARCHIBALD W. ANDERSON, Professor of Education
- DEANE G. CARTER, Professor of Farm Structures, six months from September 1, 1952
- REYNOLD C. FUSON, Professor of Organic Chemistry
- DONALD F. HOFFMEISTER, Assistant Professor of Zoology and Curator of Museum of Natural History, six months from October 1, 1952
- LESTER INGLE, Associate Professor of Zoology
- ROBERT W. JUGENHEIMER, Professor of Plant Genetics, six months from September 1, 1952
- J. ROBERT KELLY, Assistant Professor of Music
- EDITH M. USRY, Associate Professor of Music
- HERBERT E. VAUGHAN, Associate Professor of Mathematics
- RAYMOND C. WERNER, Professor of History

Second Semester

- CHALMERS W. CRAWFORD, Assistant Professor of Horse Husbandry
- RICHARD S. DEWEY, Associate Professor of Sociology
- CECIL V. DONOVAN, Professor of Art
- JULIAN R. FELLOWS, Professor of Mechanical Engineering
- LEE S. HULTZÉN, Associate Professor of Speech
- M. ZBIGNIEW KRZYWOBŁOCKI, Professor of Aeronautical Engineering, contingent upon receipt of a Fulbright grant
- NELSON J. LEONARD, Associate Professor of Chemistry
- JOSEPH L. MCCONNELL, Associate Professor of Economics
- RALPH J. MUTTI, Associate Professor of Agricultural Marketing, six months beginning March 1, 1953
- CULLEN B. OWENS, Assistant Professor of Speech
- CHRIS S. RHODE, Professor of Dairy Science, six months from March 1, 1953
- PAUL ROLLAND, Professor of Music
- HARRISON A. RUEHE, Professor of Dairy Science, six months from March 1, 1953
- GEORGE T. STAFFORD, Professor of Physical Education for Men
- HENRI STEGEMEIER, Associate Professor of German
- CHARLES L. STEWART, Professor of Agricultural Economics, six months from March 1, 1953
- ALEXANDER TURYN, Professor of the Classics
- LEONARD D. WALKER, Professor of General Engineering Drawing
- FRANCIS G. WILSON, Professor of Political Science
- LUDWIG E. ZIRNER, Associate Professor of Music

Semester to Be Determined

- G. NEVILLE JONES, Professor of Botany and Curator of Herbarium, first or second semester; contingent upon receipt of either Fulbright or Guggenheim grant
- P. GERALD KRUGER, Research Professor of Physics, first or second semester, the time to be determined by the needs of the Department

Leaves of Absence for One-Half Year on One-Half Pay

- JAMES B. KITZMILLER, Assistant Professor of Zoology, second semester; contingent upon receipt of Fulbright grant
- EDWARD G. LEWIS, Associate Professor of Political Science, first semester, 1952-1953, with the option of continuing on leave of absence during the second semester without pay; contingent upon receipt of a Fulbright grant

On motion of Mr. Herrick, these leaves were granted, as recommended.

APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(6) I submit the following nominations for reappointment and two new appointments to the Board of Directors of the University of Illinois Athletic Association to become effective March 12, 1952, and continuing until the annual meeting of the Board of Trustees in 1953:

Faculty

ROBERT G. BONE, Professor of History and Director of the Division of General Studies

LESLIE A. BRYAN, Professor of Management and Director of the Institute of Aviation

CHARLES H. BOWMAN, Assistant Professor of Law

DILMAN W. GOTSHALK, Professor and Chairman of the Department of Philosophy

Alumni Association

HARRY E. SCHLENZ, Class of 1927, Vice-President of the Pacific Flush Tank Company, 4241 Ravenswood Avenue, Chicago

ROBERT W. RIEGEL, Class of 1937, Implement Dealer, Tolono, Illinois

ROBERT REITSCH, Class of 1928, Reitsch Bros. Lumber Company, 1015 West State Street, Rockford

Professor Gotshalk replaces Professor Paul N. Landis of the Department of English and Mr. Reitsch replaces Mr. Lawrence A. Peterson, both of whom have served on the Board since March, 1948. All the others are reappointments.

On motion of Mr. Megran, these directors were appointed.

CHANGES IN CURRICULA IN COLLEGE OF ENGINEERING

(7) The University Senate recommends approval of the following changes in the curricula of the College of Engineering as recommended by the faculty of that College, effective September, 1953.

Requirements common to all curricula shall include:

The freshman year will be the same for all curricula.

Physics 106, Mechanics, Physics 107, Modern Physics (Electricity and Magnetism), Physics 108, Modern Physics (Heat and Light), totaling twelve semester hours, will replace Physics 103, General Physics (Mechanics, Heat, and Sound), and Physics 104, General Physics (Electricity, Magnetism, Light, and Modern Physics), totaling ten semester hours. Mathematics 133, Calculus, and Mathematics 143, Calculus, totaling eight semester hours, will replace Mathematics 132, Calculus, and Mathematics 142, Calculus, totaling eight semester hours.

Technical electives may include all courses in mathematics, chemistry, chemical engineering; Agricultural Engineering 282, Electricity in Agriculture; Agricultural Engineering 332, Design of Agricultural Machinery; Agricultural Engineering 341, Farm Power; Agricultural Engineering 351, Hydraulics of Soil and Water Conservation; Agricultural Engineering 371, Advanced Farm Structures; Agricultural Engineering 393, Special Problems; and all courses in the College of Engineering not required in a specific curriculum except Engineering 140, Transportation; Engineering 141, Transportation; Engineering 216, Engineering Reports; Engineering 220, History of Engineering; Engineering 230, Labor Relations; Engineering 239, Industrial Development and Supervision; and Engineering 292, Engineering Law.

These are the courses as described and listed in the 1951-1952 Undergraduate Study Bulletin.

Nontechnical electives shall include all courses in the College of Liberal Arts and Sciences except those in mathematics, chemistry, and chemical engineering; all courses in the College of Commerce and Business Administration; Architecture 113, History of Ancient Architecture; Architecture 214, History of Medieval Architecture; Architecture 215, History of Renaissance and Baroque Architecture; Architecture 216, Modern Architecture; Architecture 218, Architecture and Civilization of the Americas and Europe since 1870; Art 111, Introduction to Ancient and Medieval Art; Art 112, Introduction to Renaissance and Modern Art; Art 115, Art Appreciation; Education 300, The History

of Education; Education 301, The Philosophy of Education; Education 302, The History of American Education; Education 303, Comparative Education; Education 304, Social Foundations of Education; Engineering 140, Transportation; Engineering 141, Transportation; Engineering 216, Engineering Reports; Engineering 220, History of Engineering; Engineering 230, Labor Relations; Engineering 239, Industrial Development and Supervision; Engineering 292, Engineering Law; Journalism 215, Contemporary Affairs; Journalism 216, Contemporary Affairs; Journalism 218, The Press and Public Opinion; Landscape Architecture 111, History of Landscape Architecture; Landscape Architecture 164, Appreciation of Landscape Architecture; Landscape Architecture 174, Regional Planning; Music 100 through 123, Rudiments of Theory, Theory of Music, Appreciation of Music—Opera, Symphonic Poems, Symphonies, Chamber Music, Introduction to the History of Music, Introduction to Music Literature.

There is submitted herewith a copy of the report of the Committee on Educational Policy giving the details of the changes in the curricula in aeronautical engineering, agricultural engineering, ceramic engineering, civil engineering, electrical engineering, engineering physics, general engineering, mechanical engineering, metallurgical engineering, mining engineering, and sanitary engineering.

A copy of this report is hereby given to the Secretary of the Board for record. I concur.

On motion of Mrs. Watkins, these changes were approved.

CURRICULUM IN INDUSTRIAL ENGINEERING

(8) The University Senate recommends approval of a new curriculum leading to the degree of Bachelor of Science in Industrial Engineering as recommended by the faculty of that College effective September, 1953. This curriculum and degree are well established in other colleges of engineering in the United States and are proposed to replace the Production Option in the present curriculum in mechanical engineering. The new program will be administered by the Department of Mechanical Engineering.

First Year

The freshman program common to all other curricula in engineering will be used.

Second Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Econ. 108—Elements of Economics	3	G.E.D. 112—Advanced Drawing	2
Math. 143—Calculus	5	Math. (new)—Differential Equations and Statistics	3
M.E. 183—Materials Casting, or M.E. 184—Metal Processing	3	M.E. 184—Metal Processing, or M.E. 183—Materials Casting	3
Physics 107—Modern Physics (Electricity and Magnetism)	4	Physics 108—Modern Physics (Heat and Light)	4
T.A.M. 150—Analytical Mechanics (Statics)	2	T.A.M. 211—Analytical Mechanics (Dynamics)	3
Physical Education	1	Nontechnical Elective	2
Military (men)	1	Physical Education	1
		Military (men)	1
Total	19	Total	19

Third Year

I.E. 237—Manufacturing Organization and Operation	3	Accy. (new)—Manufacturing Costs	3
M.E. 209—Thermodynamics and Heat Transfer	3	I.E. 232—Methods-Time Analysis	3
M.E. 221—Mechanics of Machinery	5	I.E. 236—Engineering Applications of Statistics	3
T.A.M. 221—Resistance of Materials	3	M.E. 208—Mechanical Engineering Laboratory	3
T.A.M. 223—Resistance of Materials Laboratory	1	M.E. 224—Design of Machine Elements	3
Technical or Nontechnical Elective	3	Nontechnical Elective	3
Total	18	Total	18

Fourth Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
E.E. 206—Electrical Equipment and Application.....	4	I.E. 283—Industrial Plant Design.....	3
E.E. 207—Electrical Equipment Laboratory.....	1	I.E. 291—Seminar.....	1
I.E. 299—Inspection Trip.....	0	I.E. 357—Safety Engineering.....	3
M.E. 271—Design of Machine Elements.....	3	Nontechnical Elective.....	3
Nontechnical Elective.....	3	Technical Electives.....	6
Technical Electives.....	6		
Total.....	17	Total.....	16

The fourth-year technical electives shall be selected from courses in the 300 series in industrial engineering, mathematics, and theoretical and applied mechanics and the following courses:

- I.E. 282—Process Planning and Tool Design
- I.E. 286—Production Coordination
- I.E. 287—Job Evaluation
- I.E. 297—Experimental Investigation
- I.E. 298—Thesis
- M.E. 234—Heat Treatment of Metals
- M.E. 273—Machine Design
- M.E. 284—Welding Engineering
- M.E. 285—Precision Measurements and Gages
- M.E. 288—Metal Cutting and Forming

I concur.

On motion of Mr. Johnston, this curriculum was authorized.

CURRICULUM IN INDUSTRIAL EDUCATION

(9) The University Senate recommends approval of the following revised undergraduate curriculum in industrial education leading to the degree of Bachelor of Science in Industrial Education as recommended by the faculty of that College effective September, 1952. A minimum of 127 semester hours of credit, excluding the general University requirements of two years of work in physical education and in the case of male students in military, shall be required for graduation.

First Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Art 137—Design Analysis.....	2	Ed. 101—The Nature of the Teaching Profession.....	2
G.E.D. 101—Elements of Drawing..	4	Ind. Ed. 183—The General Shop.....	4
Hygiene 104—Personal and Community Hygiene.....	2	Math. 112—College Algebra, and Math. 114—Plane Trigonometry; or Math. 117—Combined Freshman Mathematics.....	5
Ind. Ed. 181—Industrial Arts.....	4	Rhet. 102—Freshman Rhetoric and Composition, and Speech 101—Principles of Effective Speaking; or D.G.S. 112—Verbal Communication.....	6 or 4
Rhet. 101—Freshman Rhetoric and Composition, or D.G.S. 111—Verbal Communication.....	3 or 4	Physical Education.....	1
Physical Education.....	1	Military (men).....	1
Military (men).....	1		
Total.....	16 to 18	Total.....	16 to 19

Second Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
D.G.S. 131—Biological Science.....	4	D.G.S. 142—Physical Science.....	4
D.G.S. 141—Physical Science.....	4	Hist. 152—History of the United States, 1865-1952.....	3
Ind. Ed. 282—Advanced Course in Woodwork.....	4	Ind. Ed. (new)—Graphic Arts.....	3
Psych. 100—Introduction to Psychology.....	4	Pol. Sci. 150—American Government.....	3
Physical Education.....	1	Elective.....	2
Military (men).....	1	Physical Education.....	1
Total.....	17 or 18	Military (men).....	1
		Total.....	16 or 17

Third Year

Arch. 141—Materials and Methods of Construction.....	2	D.G.S. 162—Literature and Fine Arts, or D.G.S. 122—History of Civilization.....	4
D.G.S. 161—Literature and Fine Arts, or D.G.S. 121—History of Civilization.....	4	Econ. 240—Labor Problems.....	3
Econ. 108—Elements of Economics.....	3	Ed. 201—Foundations of American Education.....	2
Ind. Ed. 284—Advanced Metal Work.....	4	Ind. Ed. (new)—Applied Electricity.....	3
Electives.....	4	Shop Electives.....	4
Total.....	17	Electives.....	2
		Total.....	18

Fourth Year

Ed. 381—Principles of Vocational Education.....	3	Ed. 211—Educational Psychology.....	3
Ind. Ed. (new)—General Shop.....	3	Ed. 241—Technic of Teaching in the Secondary School.....	3
Shop Electives.....	7	Ed. 242—Educational Practice in Secondary Education.....	5
Electives.....	4	Ed. 383—Problems of Industrial Education.....	3
Total.....	17	Total.....	14

This is an extensive revision of the present curriculum, introducing new courses in industrial education, and including a greater variety of courses in the fields of general education.

I concur.

On motion of Mr. Johnston, this curriculum was authorized.

**GRADUATE PROGRAM IN INDUSTRIAL EDUCATION LEADING TO
DEGREE OF MASTER OF EDUCATION**

(10) The University Senate recommends approval of the following new fifth-year program in industrial education leading to the degree of Master of Education as recommended by the faculty of the College of Education effective September, 1952.

	UNITS
Required Education Courses.....	2
Required Industrial Education Courses.....	2
Elective Industrial Education Courses.....	2
Approved Electives.....	2
Total.....	8
	UNITS

Required Education Courses.....	2
One unit selected from the following:	
Ed. 301—Philosophy of Education.....	½
Ed. 302—History of American Education.....	½
Ed. 303—Comparative Education.....	½
Ed. 304—Social Foundations of Education.....	½
Ed. 311—Psychology of Learning for Teachers.....	½
Ed. 312—Mental Hygiene and the School.....	½

	UNITS
Required Industrial Education Courses.....	2
Ed. 488—Curriculum and Trends of Industrial Education.....	1
Ed. 489—Administration and Supervision of Industrial Education.....	1
Elective Industrial Education Courses.....	2 to 4
Ed. 381—Principles of Vocational Education.....	½ or 1
Ed. 382—Organization and Administration of Diversified Occupations Programs.....	½
Ed. 383—Development, Organization, and Principles of Industrial Education.....	½ or 1
Ed. 385—Principles and Practices of Vocational Guidance.....	½ or 1
Ed. 387—Special School-Shop Problems.....	½ or 1
Ed. 481—History and Basic Concepts of Vocational Education.....	1
Ed. 482—Research Studies in Industrial Education.....	1
Ed. 487—Seminar in Industrial Education.....	1
I concur.	

On motion of Mr. Johnston, this program was authorized.

APPROPRIATION FOR ARCHITECTURAL SERVICES ON CONSTRUCTION AND REMODELING AT URBANA-CHAMPAIGN

(11) The University has been studying the possibility of securing additional space and improving existing space by (a) the construction of an addition to Talbot Laboratory and (b) remodeling of the engine room in the former power plant building on Mathews Avenue for the Physical Environment Laboratory.

The Committee on Nonrecurring Appropriations approved the programs in principle and requested the Physical Plant to prepare detailed plans and specifications. The cost of these plans, approximately \$6,000 for the Physical Environment Laboratory and \$5,600 for the addition to Talbot Laboratory, was charged to the architectural revolving fund in the customary procedure with the expectation that the expenditures would be recovered when the appropriation was approved.

Upon the completion of the plans, bids were secured for the addition to Talbot Laboratory and revised estimates of cost prepared for the Physical Environment Laboratory. The funds available in this biennium are not adequate to carry out either project this biennium and further work on both projects must be deferred.

The Comptroller and the Provost recommend an appropriation of \$11,600 from the General Reserve Fund to reimburse the revolving fund for expenditures incurred.

I concur.

On motion of Mr. Fornof, this appropriation was made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Stevenson.

APPROPRIATION FOR FIRE PROTECTION AND SAFETY IMPROVEMENTS IN AGRICULTURAL ENGINEERING BUILDINGS

(12) On April 19, 1951, the Board of Trustees appropriated \$38,500 from the General Reserve Fund for the installation of a sprinkler system and the construction of a new enclosed stair in the southeast corner of the Agricultural Engineering Building. Bids now received indicate a total cost of \$44,500. The additional \$6,000 necessary to complete the project can be taken from the state appropriation "For remodeling, modernization, and improvement of existing buildings at Urbana-Champaign."

The Director of the Physical Plant and the Comptroller recommend that this assignment be made, and that contracts be awarded to the lowest bidders, subject to the release of funds by the Governor and to receipt of authority to begin construction with the necessary priorities from the National Production Authority, as follows:

Installation of sprinkler system—Automatic Sprinkler Corporation of America, St. Louis, Missouri.....	\$16 010
Fireproof stairway construction and incidental general construction work — E. N. DeAtley, Champaign.....	19 800
I concur.	

On motion of Mrs. Holt, these contracts were authorized and the appropriation was made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Stevenson.

CONTRACTS FOR CONSTRUCTION OF EAST DENTISTRY-MEDICINE-PHARMACY BUILDING

(13) The original bids taken on the construction and fixed equipment of the East Dentistry-Medicine-Pharmacy Building for which the General Assembly appropriated \$5,540,000 for the biennium of 1951-1953, were in excess of the appropriation and were rejected by the Board of Trustees on October 23, 1951. The building plans were revised, and new bids were taken on both a fixed price basis and a cost plus a fixed fee with a guaranteed maximum basis. The new bids, received on February 19, 1952, indicate that this building can be constructed in accordance with the modified plans within the available appropriation.

The Director of the Physical Plant and the Comptroller recommend award of contracts to the lowest bidders, on a fixed price basis, as follows:

General work — Sumner S. Sollitt Construction Co., Chicago.....	\$2 234 000
Moving stairways, elevators, lifts, etc. — Westinghouse Electric Corp., Chicago.....	300 368
Plumbing and drainage — Economy Plumbing and Heating Co., Chicago	389 910
Heating, process piping, and refrigeration — Gallaher and Speck, Inc., Chicago.....	434 815
Ventilation — H. G. Prizant & Company, Chicago.....	316 070
Pipe covering and insulation — The Asbestos and Magnesia Materials Co., Chicago.....	79 185
Electric wiring — Divane Brothers Electric Company, Chicago.....	572 460
Total Construction.....	\$4 326 808
Laboratory furniture — E. H. Sheldon and Company, Chicago.....	\$ 507 560
Dispensing counter units — Reliance Cabinet Company, Chicago.....	18 301
Total Equipment.....	\$ 525 861

Submitted herewith are copies of lists of the contractors recommended, lists of all bids received, the construction budget, and letters from the Physical Plant Department and the architects in support of these recommendations. Copies of these documents are being filed with the Secretary of the Board for record.

The bids received on a cost plus a fixed fee basis are in excess of the bids on a fixed price basis in every case.

The lowest bidder has indicated that the project can be completed in 570 days which will run beyond the current biennium and will require a reappropriation by the Sixty-eighth General Assembly of the unexpended balance of funds earmarked for this project.

I recommend that these contracts be awarded subject to the release of funds by the Governor and that the Comptroller and the Secretary of the Board be authorized to execute the contracts. Authority to proceed with construction, including allocation of critical materials, has already been received from the National Production Authority.

On motion of Mrs. Watkins, these contracts were authorized as recommended, with the exception of the contract for moving stairways, elevators, and lifts,¹ on which action was deferred, by the following

¹ A request was presented at the Board meeting from the Director of the Physical Plant that award of this contract be postponed pending further study.

vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Stevenson.

On motion of Mr. Fornof, the Executive Committee was authorized to act for the Board on the award for the contract for moving stairways, elevators, and lifts.

On motion of Mr. Nickell, it was resolved that in awarding these contracts the Board of Trustees specifies that wages paid all laborers, workmen, and mechanics employed by contractors and subcontractors in the construction of the East Dentistry-Medicine-Pharmacy Building shall be not less than the prevailing rates established in the Chicago area, a schedule of which is hereby filed with the Secretary of the Board for record.

CONTRACT FOR REMODELING IN OLD POWER PLANT BUILDING

(14) On February 22, 1952, the Board of Trustees appropriated \$12,000 for remodeling the engine room of the old power plant building to provide space for a Heater Research Laboratory for the Department of Mechanical Engineering. By utilizing the University's standing cost-plus contract for general work, valuable time can be saved in the preparation of detailed plans and specifications necessary for lump sum bids. The cost of the general work is estimated at \$8,300.

The Director of the Physical Plant and the Comptroller recommend that the general work on this project be done under the University's cost-plus contract with Clyde E. Gates, Champaign.

I concur.

On motion of Mr. Nickell, this recommendation was approved.

CONTRACT FOR REMOVAL AND SALE OF EQUIPMENT IN THE OLD HEATING PLANT IN CHICAGO

(15) The Director of the Physical Plant and the Comptroller recommend award of a contract to the Ashland Iron and Steel Company, Chicago, for removal and sale of four boilers and auxiliary equipment in the old heating plant at the Chicago Professional Colleges.

The Ashland Iron and Steel Company will remove the equipment under stipulated conditions and pay the University \$7,500. The equipment has a scrap value and the Business Office secured bids from wrecking and scrap iron companies on its removal.

The equipment must be removed promptly as space in the building, which is adjacent to the Research and Educational Hospitals, is needed for temporary storage of equipment to be purchased for the new hospital addition. The building can also be used for other storage purposes.

The Physical Plant Department will incur expense of supervision of disconnecting and removal of the equipment and of repairs to the floor to cover the boiler pits. This expense will probably be offset by sale of the old equipment, but the expense can not be determined until the equipment is removed and estimates have been made of the subsequent repairs needed in the building. The Comptroller recommends that the \$7,500 from the sale of the equipment, or so much thereof as is necessary, be appropriated to the Physical Plant Department for said repairs.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute a contract with the Ashland Iron and Steel Company, and that the funds realized be appropriated as recommended herein.

On motion of Mr. Megran, this contract was authorized and the appropriation recommended was made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Stevenson.

PURCHASES

(16) The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
25 choice yearling stocker steers, to weigh approximately 650 pounds	Animal Science	Chicago Producers Commission Association, Chicago	\$6 000 00 (approximate) delivered
20 special steel storage cases for geological samples, each 36" x 75 1/4" x 25 1/4"	Geology	Jack Sheean, Bloomington	2 736 00 f.o.b. delivered and erected
One ultracentrifuge, angular head, vacuum and refrigeration features, for high centrifugal force applications, with accessories for 162 and 940 ml. capacities, 110/220 volt single phase operation	Horticulture	Specialized Instruments Corp., Belmont, Calif.	5 205 00 f.o.b. Belmont, Calif.
One 40' x 80' Quonset 40 type A building to be erected at the University of Illinois Airport	State Water Survey	Harshbarger Building and Supply Company, Urbana	9 375 00
Interior construction to provide office and laboratory space in Quonset Building	State Water Survey	Grover M. Doyle, Champaign	3 785 00
Electrical work in Quonset Building	State Water Survey	Grover M. Doyle, Champaign	3 225 00
1500 copies <i>Life in a Mexican Village</i> , by Oscar Lewis, to be printed and bound	University Press	R. R. Donnelley & Sons, Chicago	4 692 00 f.o.b. Urbana
7200 chrome cast iron common stoker links	Physical Plant Storeroom (for the Power Plant)	Neenah Foundry, Chicago	3 384 00 f.o.b. delivered
100 dozen sheets, 72" x 108", type 140, white	McKinley Hospital	Morton Textiles, Inc., Chicago	2 866 50 f.o.b. Lyman, South Carolina
50 dozen pillowcases, 42" x 36", type 140, white			
123 gray steel lockers, 15" x 18" x 72", with sloping tops and enclosed base, and 238 recessed gray steel lockers, 15" x 18" x 72", to be delivered and installed in the new addition to the Research and Educational Hospitals	Research and Educational Hospitals, Chicago Professional Colleges	Berger Manufacturing Co., Division of Republic Steel, Chicago	6 154 94 f.o.b. delivered and installed
Patient room furniture, 47 items, totaling 2,141 pieces, for the new addition to the Research and Educational Hospitals	Research and Educational Hospitals, Chicago Professional Colleges	Harris Hospital Supply, Chicago (dealer) Hospital Equipment Corp., Chicago (dealer) A. S. Aloe Co., Chicago (dealer) Gilbert A. Force, Chicago (dealer) L. B. Herbst Co., Chicago (dealer) Clark Linen & Equipment Co., Chicago (dealer) American Hospital Supply, Evanston (dealer) V. Mueller Co., Chicago (dealer) Air-Shields, Inc., Hatboro, Pa. (manufacturer) Ohio Chemical Co., Chicago (manufacturer) Hospital Furniture, Inc., Chicago (manufacturer)	2 130 75 16 995 00 16 819 02 6 767 81 3 333 80 1 405 10 14 121 60 10 639 05 741 63 796 00 1 710 00
		Total	(75 459 76)

On motion of Mr. Megran, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(17) The Comptroller's report of contracts executed during the period February 1 to 29, 1952.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Sharp and Dohme, Inc.	Sulfonamides study	\$ 1 500 00	February 2, 1952
Gilman Board of Education	Building program study for school unit	350 00	February 2, 1952
Reinforced Concrete Research Council	Punching of concrete study	12 000 00	February 10, 1952
Granite City Community Unit	School building program study	3 850 00	January 24, 1952
Indianapolis City Schools	School academic program survey	3 000 00	October 19, 1951

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Association of American Railroads	Railroad roadbed stabilization study	\$ 6 000 00	January 2, 1952
Association of American Railroads	Wheel loads, joint bars, and rail webs study	14 000 00	December 21, 1951
Cameron Heartometer Company	Heart-o-grams study	1 000 00	December 26, 1951
Commonwealth Edison Company	Transient load voltage fluctuations study	1 000 00	January 30, 1952
Commonwealth Edison Company	Solubility of boiler waters study	20 000 00	December 20, 1951
Commonwealth Edison Company	Lead sheath materials study	16 000 00	December 17, 1951
Illinois Coal Strippers Association	Strip mined areas study	6 500 00	February 21, 1952
Monsanto Chemical Co.	Fungicides study	7 500 00	February 15, 1952
VioBin Corporation	Wheat germ oil study	3 000 00	January 14, 1952

Adjustments Made in 1950-1951 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	Changes in administrative offices	\$ 634 77 ¹	February 20, 1952
E. N. DeAtley (general work)	Talbot Laboratory remodeling	14 52 ¹	February 5, 1952
Hays Plumbing & Heating Co.	Noyes Laboratory remodeling, renovation, and modernization	2 418 00 ¹	February 8, 1952
Reliable Plumbing & Heating Co.	Harker Hall remodeling	305 71	February 13, 1952

Adjustments Made in 1951-1952 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	1204 W. Oregon Street alterations	\$ 1 955 24	February 18, 1952
	Natural History Building—Physiology	808 95	February 5, 1952
Clyde E. Gates (general work)	Genetics—Small Animal Building	50 08	January 25, 1952
	Sub-total	(2 814 27)	
	Noyes Laboratory remodeling, modernization, and renovation	4 621 32	February 11, 1952
	1204 W. Oregon Street alterations	3 066 56	February 18, 1952
	Architecture Building—drafting rooms	628 93	February 5, 1952
	Rooms 153-153a Administration Building	442 80	January 30, 1952
	Rooms 157-157b Administration Building	413 00	January 30, 1952
	Changes in administrative offices	600 00	February 6, 1952
	Genetics—Small Animal Building	100 00	January 25, 1952
	Natural History Building—Physiology	2 563 60	February 5, 1952
	Sub-total	(12 436 21)	
	31 minor items from \$3.70 to \$360.00	630 37	February, 1952
Ervin G. Lindsey (plastering)	Noyes Laboratory remodeling, modernization, and renovation	3 634 30	February 11, 1952
Reliable Plumbing & Heating Co.	Noyes Laboratory remodeling, modernization, and renovation	401 84 ¹	February 24, 1952
	Changes in administrative offices	275 00	February 20, 1952
	Coffee House remodeling	10 11	February 19, 1952
	1204 W. Oregon Street alterations	550 00	February 18, 1952
	Natural History Building—Physiology	930 00	February 5, 1952
	Changes in administrative offices	75 00	February 25, 1952
	Sub-total	(5 072 57)	

¹ Deduct.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Schroeder's (ventilation)	Noyes Laboratory remodeling, modernization, and renovation	1 108 34	February 11, 1952

This report was received for record.

POLICY AND RULES RELATING TO COMPENSATION AND WORKING CONDITIONS OF NONACADEMIC EMPLOYEES

(18) The Director of Nonacademic Personnel recommends certain revisions in the Policy and Rules Relating to Compensation and Working Conditions of Non-academic Employees adopted by the Board of Trustees effective July 1, 1945, and as subsequently amended from time to time. The revisions now recommended are necessary because of (a) changes in internal organization; (b) changes in disability and death benefits for employees not participants in the University Retirement System as approved by the Board of Trustees in November, 1950; (c) the establishment of the University Civil Service System of Illinois. These revisions involve no change in the Policy not already approved but are recommended to bring the statements in the Policy and Rules in line with determinations already made.

The complete text of the Policy and Rules, as revised, is submitted herewith (see pages 1426 to 1441).

I concur in the recommendations of the Director of Nonacademic Personnel.

On motion of Mr. Johnston, the revisions were approved by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Stevenson.

RELEASES OF PATENTABLE DISCOVERIES

(19) The University Patent Committee submits the following reports and recommendations relating to potentially patentable discoveries:

1. Thomas R. O'Meara, Research Associate in Electrical Engineering, has invented a three element vector-phase radio direction finder which may be of value to the armed forces.

2. Harold D. Webb, Assistant Professor of Electrical Engineering, has invented a matched channel RDF (radio direction finder) receiver with fixed tuned RF (radio frequency) amplifier. The purpose of the invention is to provide a matched-channel receiver for radio direction finding purposes that will maintain the required phase and gain match over a wide frequency range within closer tolerances than is possible with previous systems.

3. Chalmers W. Sherwin, Research Professor of Physics, has invented a "majority vote" circuit, a device whose most practical application would be in military communications.

These discoveries are the result of research work under contracts with the Office of Naval Research. The inventors do not want the discoveries released to them. In the opinion of the University Patent Committee, the commercial possibilities of these inventions are not sufficient to warrant the expense of patent prosecution by the University. Since funds for the research work were supplied by the Office of Naval Research, the Committee recommends that the University declare its intention not to seek patent protection and release all rights to the United States Navy. This will protect the public interest.

4. Dr. S. W. Pelletier, a former postdoctoral assistant and instructor in the Department of Chemistry, synthesized six new organic compounds while he was at the University which he believes may have some use as local anesthetics. Dr. Pelletier has requested the release of rights on these discoveries for possible development.

Professor C. S. Marvel of the Department of Chemistry, reports that a broad patent coverage on a new class of local anesthetics could not be obtained, and he considers it highly improbable that any of the six new compounds will prove sufficiently valuable to justify the cost of patenting them individually. Accordingly the University Patent Committee recommends that all rights to these six new compounds be released to Dr. Pelletier to develop as he may see fit.

I concur.

On motion of Mrs. Watkins, these recommendations were approved.

EXTENSION OF URBANA PARK DISTRICT

(20) On April 21, 1949, the Board of Trustees authorized the University to petition the city of Urbana to extend the city limits to include the staff housing area at Race Street and Florida Avenue.

Petitions are being circulated in this area for expansion of the Urbana Park District to coincide with the city limits. The tax rate of the Park District is \$.084 on each \$100 of equalized property based on the last equalized value of the staff housing project of \$300,000. University payments in lieu of taxes would be increased by approximately \$252 per year which could be met out of rentals.

The benefits of the Park District are available to all occupants of the staff housing project, and the payment by the University for such facilities is reasonable.

It is not necessary that the University be a party to the petition. If the majority of the voters within the area approve, the limits of the Urbana Park District will be expanded, but the city of Urbana has requested the University to express its willingness to accept the expansion of the Park District.

The Director of the Physical Plant and the Comptroller recommend that the University assent to the proposed expansion of the Urbana Park District to include University property now within the city limits of Urbana.

I concur.

On motion of Mrs. Holt, the Board assented to the expansion of the Urbana Park District to include that part of the University campus between the extension southward of the east line of Mount Hope Cemetery and Race Street, and extending approximately 620 feet south from Florida Avenue. This action was taken by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Grange, Mr. Stevenson.

GRANT FROM ROCKEFELLER FOUNDATION FOR AMERICAN STUDIES SEMINAR IN KYOTO, JAPAN

(21) The Rockefeller Foundation has made a grant of \$19,500 to the University of Illinois and a grant of \$3,000 to Doshisha and Kyoto Universities in Japan for the purpose of conducting an American Studies Seminar in Kyoto during the summer of 1952. The Seminar will be administered by the University of Illinois.

The Kyoto Seminar is the second such project to be undertaken on Rockefeller Foundation funds in Japan with a view to promoting American studies. In 1950 and 1951 Stanford University, in conjunction with Tokyo University, conducted such seminars in Tokyo and will do so again in 1952. The students of the two seminars are drawn from the faculties of Japanese universities, the Tokyo Seminar drawing from eastern Japan and the Kyoto drawing from western Japan. The faculties of both seminars will come from American universities.

The subject matter to be covered at the Kyoto Seminar will include five fields from the humanities and the social sciences. The development of the program and supervision of the project is in the hands of a committee headed by Director Royden Dangerfield of the Institute of Government and Public Affairs and including: Professors K. D. Benne, Education; Howard R. Bowen, Economics; Robert B. Downs, Library Science and Director of the Library; C. E. Osgood, Psychology; and R. W. Rogers, English. Director Dangerfield will go to Japan to administer the program.

I request confirmation of my action accepting this grant and recommend that Director Dangerfield be released from his University of Illinois duties during the summer for the purpose of taking this special assignment. In other words, his services would be loaned by the University of Illinois to the project.

On motion of Mr. Herrick, the President's action was confirmed.

GRANT FROM ROCKEFELLER FOUNDATION FOR CONFERENCE ON THE AMERICAN TRADITION

(22) The Rockefeller Foundation made a grant of \$3,000 to the University of Illinois for a conference on the American Tradition which was held at the Princeton Inn, Princeton, New Jersey, on December 14-16, 1951. The conference was attended by twenty representatives of colleges and universities. The University

of Illinois was represented by President George D. Stoddard, Dean Wilbur Schramm of the Division of Communications, and Director Royden Dangerfield of the Institute of Government and Public Affairs.

I accepted this grant on behalf of the University and report it for record.

On motion of Mr. Herrick, the President's action was confirmed.

EMPLOYMENT OF UNIVERSITY AUDITORS

The Finance Committee recommends that the firm of George Rossetter and Company, Certified Public Accountants, Chicago, be retained as auditors for the year ending June 30, 1952, their services to be charged on the basis of a per diem rate and expenses, with the understanding that the aggregate charges will not exceed the following:

University of Illinois (including all divisions).....	\$12 000
University of Illinois Foundation (including its retirement system).....	600
University of Illinois Athletic Association (including its retirement system)	750

These maximum costs are based on the assumption that if the auditors go beyond the scope of usual examination on request of the Finance Committee or the Board, further compensation for such additional work will be allowed after review and approval by the Finance Committee.

On motion of Mr. Fornof, this recommendation was approved.

ENDOWMENT INVESTMENTS

The Finance Committee has approved the following changes in endowment securities at the approximate prices indicated:

	<i>Approximate Market</i>
Sell:	
275 shares National Distillers Corporation, common stock.....	33
256 shares Swift and Company, common stock.....	35
Reinvestment of the Proceeds:	
300 shares Mississippi River Fuel Company, common stock.....	36
200 shares Illinois Power Company, common stock.....	38

In connection with the sales indicated, the following resolution is required:

WHEREAS, the Board of Trustees of the University of Illinois is the owner of the following described securities: 275 shares National Distillers Corporation, common stock, and 256 shares Swift and Company, common stock; and

WHEREAS, said Board of Trustees in its meeting of March 12, 1952, has approved the sale of such securities,

Now, Therefore, Be It Resolved that Lloyd Morey, Comptroller, and A. J. Janata, Secretary, be hereby authorized to execute any and all documents necessary to complete such sale.

On motion of Mr. Fornof, this resolution was adopted.

INVESTMENTS

The Finance Committee reports the following transactions involving securities:

<i>Current Restricted Funds Investments</i>	
Purchase:	
\$14,000 Chicago, Milwaukee, St. Paul, and Pacific Railroad Equipment Trust 2 1/8% bonds, due October 1, 1954.....	\$ 14 125 37
\$10,000 Seaboard Airline Equipment Trust 3% certificates, due November 15, 1954.....	10 126 06
\$1,000,000 U.S.A. 1 1/8% certificates of indebtedness series A, due April 1, 1952.....	1 011 307 15

Exchange:

\$20,000 U.S.A. 1 $\frac{3}{8}$ % certificates of indebtedness series A, due April 1, 1952, for
\$20,000 U.S.A. 1 $\frac{3}{8}$ % certificates of indebtedness due February 15, 1953.

Exchange:*Student Loan Investments*

\$40,000 U.S.A. 1 $\frac{3}{8}$ % certificates of indebtedness series A, due April 1, 1952, for
\$40,000 U.S.A. 1 $\frac{3}{8}$ % certificates of indebtedness due February 15, 1953.

This report was received for record.

MESSAGE TO MR. GRANGE

Mr. Megran offered a resolution expressing to Mr. Grange appreciation of his services as a Trustee of the University during the past year and the sympathy of the Board with him in his illness. President Stoddard, other University officials present at the meeting, and the officers of the Board asked that they be permitted to join the Trustees in this resolution.

The resolution was adopted and the Secretary of the Board was instructed to send an appropriate message to Mr. Grange.

**CONFERENCE WITH REPRESENTATIVES OF THE
ILLINOIS ASSOCIATION OF BROADCASTERS**

Mr. Livingston stated that at the conclusion of the Board meeting the Committee on Television will have another conference with representatives of the Illinois Broadcasters Association to continue the discussion,¹ requested by the latter, of the University's plans for the development of educational television facilities. He asked that all of the other Trustees who can do so stay and take part in this conference.

CONFERENCE WITH REPRESENTATIVES OF THE CITY OF CHICAGO

The Secretary announced that representatives of the city of Chicago who desire to discuss with the Board a request that the University vacate the Drill Hall at Navy Pier so that it may be used by the Municipal Court of Chicago for a traffic court have now asked that this conference be postponed until the next meeting of the Board.

By unanimous consent this request was granted.

EXECUTIVE SESSION

At this point the Board went into executive session to consider reports from the President of the University and the Legal Counsel relating to bequests made to the University.

**SETTLEMENT OF CLAIMS OF MRS. SARAH A. GRIMM AGAINST
ESTATE OF PROFESSOR GEORGE A. MILLER, DECEASED**

In accordance with the authority granted them by the Board at its meeting held on January 21, 1952 (Minutes, page 1337), the Comptroller and the Legal Counsel, with the assistance of counsel for the Executor of the Last Will and the Estate of the late Professor George A. Miller, negotiated a settlement with Mrs. Sarah A. Grimm, his surviving sister, under which she agreed to accept the sum of \$5,000 in full settlement and satisfaction of her claims against his estate and

¹ The first conference with the Illinois Broadcasters Association was held on January 16, and was reported to the Board on January 21, 1952, minutes page 1347.

also for the dismissal of the suit theretofore instituted by her in the Circuit Court of Champaign County, Illinois, to contest his will. A stipulation for the dismissal of that suit with prejudice to Mrs. Grimm and at her costs was filed in that court on January 24, 1952, and an order so dismissing it in accordance with the stipulation was entered by Circuit Judge Charles E. Keller therein the following day.

Counsel for other heirs of Professor Miller from whom an answer was received by the Clerk the day the order was entered was promptly notified of the dismissal of the suit, but they have taken no action to date to secure the vacation of the order. The Executor's attorneys and the Legal Counsel are of the opinion that the order is now final unless an appeal is taken therefrom within ninety days from the date of its entry. They do not anticipate an appeal and are of the opinion that the order should and will be affirmed if one is prosecuted. It appears, therefore, that payment of the agreed sum to Mrs. Grimm now would be both justified and desirable.

The Executor is willing to pay the agreed sum direct to Mrs. Grimm and her attorneys by way of partial distribution to the University under the will if the University so desires and will furnish him with a receipt evidencing partial distribution to it in that sum upon presentation by him of a receipt from her therefor and a full release of all of her claims against Professor Miller's estate and the University. The Comptroller and the Legal Counsel recommend that the settlement be ratified by the Board, that it be completed through following this procedure, and that the Comptroller and the Secretary of the Board be authorized to execute and deliver such a receipt to the Executor upon delivery by him to them of the suggested receipt and release executed by Mrs. Grimm and approved by the Legal Counsel.

The President of the University concurs.

On motion of Mr. Johnston, this settlement was ratified as recommended.

SPECIAL COMMITTEE ON THE GEORGE A. MILLER ESTATE

The Legal Counsel reported that the Executor of the estate of George A. Miller, deceased, and his attorney have been informed that certain heirs of the late Mrs. George A. Miller assert a claim against that estate arising out of an alleged agreement between Professor and Mrs. Miller relative to the disposition of a portion of their property upon the death of the survivor. The Legal Counsel recommended that a special committee of the Board be appointed before whom these claimants may appear to present their claims and any definite proposals they wish to submit.

On motion of Mr. Nickell, the following committee was appointed for this purpose: Mr. Wayne A. Johnston, Chairman, Mr. John R. Fornof, Mr. Wirt Herrick, Mr. R. Z. Hickman, and Mr. Park Livingston.

SECRETARY'S REPORT OF CONTRACT

The Secretary presented for record the following document signed by the President and the Secretary of the Board and deposited with the Secretary since the last report.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Silver Creek Coal Co.	20,500 tons coal	\$6.02 per ton f.o.b. 1717 West Taylor Street, Chicago	October 13, 1951

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) resignations and declinations; (3) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ANDERSON, WILLIAM R., Instructor in Physics, in the Chicago Undergraduate Division, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$4800 a year, supersedes (2-23-52).
- AUSTIN, JAMES O., Research Associate in the Control Systems Laboratory, February 15-August 31, 1952, \$4800 a year (3-4-52).
- BAER, PAUL, Instructor in Social Sciences, in the Chicago Undergraduate Division, on 17/100 time, five months beginning February 1, 1952, \$60 a month (2-28-52).
- BARNES, BILLY L., Assistant in Accountancy, February 1-June 15, 1952, \$400 a month, supersedes (2-21-52).
- BERKOVITZ, IRENE R., Research Assistant in Education, in the Graduate College, on one-half time, February 21-June 30, 1952, \$2800 a year (3-4-52).
- BROWN, LLOYD O., Instructor in Electrical Engineering (C), on three-fourths time, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$2865 a year, supersedes (2-28-52).
- CHANG, SZU SHIANG, Assistant in Food Technology (S), seven months beginning February 1, 1952, \$3600 a year, supersedes (2-23-52).
- CHODAKOWSKI, ALEXANDER S., Instructor in Electrical Engineering (C), on one-half time, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$2350 a year, supersedes (2-28-52).
- DI PASQUALE, EDITH L., Assistant in Physiology, in the College of Medicine, six months beginning January 1, 1952, \$2675 a year, supersedes (2-29-52).
- DUNLOP, KATHLEEN, Assistant in Economics, four months beginning February 15, 1952, \$1500 (2-28-52).
- EHRESMANN, CHARLES, Visiting Professor of Mathematics, five months beginning September 1, 1952, \$4200 (2-29-52).
- FETT, ESTHER L., Microanalyst in Chemistry, seven months beginning February 1, 1952, \$2400 a year (2-29-52).
- FRY, WILLIAM J., Research Associate Professor of Electrical Engineering (S), and in the Graduate College, seven months beginning February 1, 1952, \$8000 a year, supersedes (2-29-52).
- HO, CHESTER, Research Assistant in Civil Engineering (S), seven months beginning February 1, 1952, \$3600 a year (2-23-52).
- INGHAM, CAROLYN S., Assistant Psychometrist in the Student Counseling Bureau, March 15-August 31, 1952, \$2930 a year (3-4-52).
- KOENIG, HERMAN E., Instructor in Electrical Engineering (C), on one-half time, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$2025 a year, supersedes (3-7-52).
- KOENIG, MRS. NORMA E., Instructor in Speech, in the Chicago Undergraduate Division, on three-fifths time, for the second semester of the academic year beginning February 1, 1952, \$216 a month (2-23-52).
- LASKIN, DANIEL M., Instructor in Postgraduate Studies, on 28/100 time, and in Oral and Maxillofacial Surgery, on 60/100 time, in the College of Dentistry, six months beginning March 1, 1952, \$5000 a year, supersedes (2-28-52).
- MARIENFELD, CARL J., Assistant Professor of Pediatrics, in the College of Medicine and in the Division of Services for Crippled Children, eight months beginning January 1, 1952, \$7350 a year, supersedes (3-6-52).
- MILLER, AMOS C., Research Assistant in the Institute of Government and Public Affairs, February 13-March 31, 1952, \$311 a month (2-23-52).

- MILLICAN, RICHARD D., Assistant Professor of Journalism, in the Division of Communications, on three-fourths time, and Assistant Professor of Marketing, on one-fourth time, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$5590 a year, supersedes (2-21-52).
- MOULDER, PETER V., JR., Assistant in Surgery, in the College of Medicine, for six months beginning January 1, 1952, \$2760 a year (2-23-52).
- MUNSON, BYRON E., Research Associate in Sociology, in the Department of Sociology and Anthropology, and in the Small Homes Council, on one-half time, seven months beginning February 1, 1952 (on Y basis), \$183.50 a month, and Assistant in Sociology, in the Department of Sociology and Anthropology, on one-fourth time, February 1-June 15, 1952, \$85.55 a month, supersedes (2-23-52).
- NORDSIECK, ARNOLD T., Professor of Physics (C), on one-half time, on indefinite tenure beginning March 1, 1952, to render service during the academic year, \$5250 a year, and Research Professor of Physics, in the Control Systems Laboratory, on one-half time, February 15-August 31, 1952 (on Y basis), \$7900 a year, supersedes (3-6-52).
- O'SULLIVAN, THOMAS A., Assistant in Obstetrics and Gynecology (Rush), in the College of Medicine, January 20-June 30, 1952, without salary (3-6-52).
- OVERHAUSER, ALBERT W., Research Associate in Physics (C), on three-fourths time, February 1-June 15, 1952, and on full time, June 16-August 31, 1952 (on Y basis), and Instructor in Physics (C), on one-fourth time, for the second semester of the academic year beginning February 1, 1952, \$4800 a year, supersedes (2-23-52).
- RIKER, WILLIAM L., Clinical Instructor in Surgery, in the College of Medicine, six months beginning March 1, 1952, without salary (3-4-52).
- RILEY, MRS. ELIZABETH H., Research Assistant in the Bureau of Economic and Business Research, seven months beginning February 1, 1952, \$3000 a year (2-29-52).
- SCOTT, WILLIAM H. O., Instructor in Library Science, and Chief Library Adviser, in the Chicago Undergraduate Division, six months beginning March 1, 1952, \$4900 a year, supersedes (2-21-52).
- SHAEFER, MRS. ANITA L., Registered Pharmacist in Hospital Pharmacy, in the College of Pharmacy, February 18-August 31, 1952, \$3900 a year (2-28-52).
- SINCLAIR, GEORGE N., Research Assistant Professor of Theoretical and Applied Mechanics (S), March 1, 1952-August 31, 1953, \$6000 a year, supersedes (2-19-52).
- SINGWI, KUNDAN SINGH, Research Associate in Physics (S), six months beginning February 1, 1952, \$4800 a year (2-23-52).
- SKADELAND, HAROLD M., Instructor in Physics, in the Chicago Undergraduate Division, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$5000 a year, supersedes (2-23-52).
- STOKES, ROBERT F., Clinical Assistant in Surgery (Rush), in the College of Medicine, six months beginning March 1, 1952, without salary (3-6-52).
- TOBIAS, JOSEPH, Instructor in Food Technology (C) and (S), seven months beginning February 1, 1952, \$4400 a year, supersedes (2-21-52).
- TSU, LAURA NYI-TSUNG, Instructor in the Nursery School, in the Division of Special Services for War Veterans, on one-half time, five months beginning February 1, 1952, to render service during the second semester of the academic year, \$850 (2-23-52).
- UNRUH, WILLIS O., Research Associate in the Control Systems Laboratory, February 15-August 31, 1952, \$4200 a year, supersedes (2-20-52).
- WARRINGTON, WILLARD G., Research Associate in Education, in the Graduate College, on one-half time, seven months beginning February 1, 1952, \$2100 a year, supersedes (2-20-52).
- WOOD, FREDERIC H., Clinical Assistant in Urology, in the College of Medicine, six months beginning March 1, 1952, without salary (3-6-52).

RESIGNATIONS AND DECLINATIONS

- FIGUERAS, JOHN, JR., Fellow in Chemistry—resignation effective 2-1-52.
- GODEJAHN, GORDON C., JR., Edward Orton Jr. Fellow in Ceramic Engineering—resignation effective 2-20-52.

- GRANDT, ALLEN F., Special Research First Assistant in Soil Fertility (Agronomy) (S) — resignation effective 4-1-52.
HENSON, RAY D., Instructor in General Engineering Drawing (C) — declination effective 3-1-52.
MILLER, AMOS C., Kendric C. Babcock Fellow in History — resignation effective 2-1-52.
OSCHWALD, WILLIAM R., Assistant in Soil Physics (Agronomy) (S) — resignation effective 2-15-52.
SAXBERG, BORJE O., Fellow in Management — resignation effective 2-1-52.
SEGRE, EMILIO, Visiting Professor of Physics (C) — resignation effective 3-1-52.

LEAVES OF ABSENCE

- LEWIS, OSCAR, Associate Professor of Anthropology — leave of absence, without pay, for two years beginning September 1, 1952, so that he may accept a temporary appointment from the Ford Foundation to work in India.
LONGACRE, ANDREW, Research Professor of Physics — leave of absence, without pay, January 18 through January 25, 1952, and February 8 through February 15, 1952.

APRIL MEETING

On motion of Mr. Johnston, the Board voted to hold the next meeting on Thursday, April 24, 1952, beginning at 4:00 p.m., in the LaSalle Hotel, Chicago, Illinois.

On motion of Mrs. Holt, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

APPENDIX

**POLICY AND RULES RELATING TO COMPENSATION AND WORKING
CONDITIONS OF NONACADEMIC EMPLOYEES**
(Effective July 1, 1945 — With Revisions to April 1, 1952)

I. GENERAL POLICY

1. Every University of Illinois employee has a part in the educational and scientific effort of the University which can be best carried out only under a program of harmonious employee-employer relationships. The University strives to have happy, industrious employees who will give courteous, efficient service to all who have contact with it through them. To this end the University endeavors to provide working conditions and compensation comparable to those furnished by other employers in the community, keeping in mind that the University is a State institution receiving a major part of its financial support from taxes.

2. The University recognizes the principle of collective bargaining with respect to all nonacademic employees not in administrative positions as designated in section XV. The University will negotiate with any individual, group of individuals, or organization acting on behalf of any group of employees when such person or agency presents evidence that he or it represents more than 50 per cent of the employees of the group or classification employed by the University and that he or it is authorized to represent them. The determination of the appropriate unit for collective bargaining and of the majority representation in that unit shall be made by the Department of Labor of the State of Illinois in case of lack of agreement on these points.

3. Any employee will have the right to discuss with the Director of Nonacademic Personnel the terms of his employment or his working conditions, including his classification under the University Civil Service System of Illinois, but no individual agreement may be made which will violate the terms of an agreement reached by negotiation with the group of which he is a part.

4. No person or organization will be permitted to solicit membership in any organization with a University employee during the employee's working hours.

5. All nonacademic employees of the University are under the University Civil Service System of Illinois as governed by State law, and

are entitled to all the rights and subject to all the requirements of that law.

6. A permanent and continuous employee is an employee who has completed six months service in any classification or classifications in nonacademic employment. For this purpose a month of service shall be no less than twenty work days, excluding approved absences. A person employed regularly but on a part-time basis and fulfilling the above conditions will be considered a permanent and continuous employee.

7. The words "prevailing rate" when used herein shall be the cash wages paid generally in the locality in which the work is being performed to employees engaged in work of a similar character.

II. NEGOTIATION PROCEDURE

1. All proposals for establishment of, or changes in, rates of compensation, hours, or other subjects dealt with in sections III to V inclusive herein shall be submitted to the Office of Nonacademic Personnel. This office will secure all of the relevant facts, and will negotiate the proposals with employees concerned, or, in case of a collective bargaining unit, their duly constituted representatives, and with the University departments involved.

2. Employees appointed or elected to represent any employee groups in negotiations will be allowed full pay, at straight time rates only, for time required to be so spent during their regular working day or shifts. In no case will payment be made in accordance with the above provisions for any time beyond the close of the regular work day or shift. Other than as set forth in this section and in section XIII-6, payment will not be allowed for time spent in meetings or conferences except as these may be called or requested by recognized departmental authorities or as they may be approved by the Director of Nonacademic Personnel. Lists of all employees whose presence is desired at such meetings or conferences shall be submitted in advance to the Director of Nonacademic Personnel who shall be responsible for determining their representative status as above noted and for arrangements with their supervisors for them to be excused from work in their respective departments.

3. The Director of Nonacademic Personnel will have the responsi-

bility and authority to reach an understanding on behalf of the University in accordance with the terms of this Policy.

III. METHODS OF DETERMINING RATES OF COMPENSATION

1. The University will pay prevailing rates to all employees in any group when such a rate has been determined or can be determined by the University for that group under the following conditions: Such rates are to be paid only after they have been put into effect locally; they are effective from the date they have been made effective locally, provided that notice has been given the Director of Nonacademic Personnel before the expiration of a local agreement upon which the local prevailing rate is based; if notice is not given in accordance with the preceding condition, rates will become effective only from the date that notice has been given to the Director of Nonacademic Personnel that the rates are in effect locally; no retroactive pay shall be effective prior to the beginning of a biennium in which the rates are made effective by the University; if the local prevailing rate declines during a biennium, the University will follow such declines. Vacations, disability leave, retirement and death benefits are granted to prevailing rate employees only in accordance with sections VI to XI inclusive irrespective of local prevailing practice in these matters. In some classifications the University will pay rates below the prevailing rates during the probationary period of not to exceed six months. (Schedules are available showing the classifications subject to the prevailing rate rule. Changes in these schedules will be made only with the approval of the Director of Nonacademic Personnel. Employees concerned will be advised whenever such changes are made.)

A. Permanent and continuous employees and those employed in positions or in work which the University contemplates continuing for at least six months, but who have not yet completed six months service in any classification or classifications of nonacademic employment, in prevailing rate groups paid at hourly rates will be paid a monthly rate determined by multiplying the number of hours of the work year, which shall be uniform in all years, by the hourly rate and dividing by 12, as follows:

1. In those positions in which the work week is 40 hours, the monthly rate will be based upon a net of 255 work days (365 days per year less 52 Saturdays, 52 Sundays, and 6 holidays), or 2,040 hours per work year.
2. In those positions in which the regular work week is 44 hours, the monthly rate will be based upon a net of 281 work days (365 days

less 52 Sundays, one-half of 52 Saturdays or 26 days, and 6 holidays), or 2,248 hours per work year.

3. In those positions in which the regular work week is 48 hours, the monthly rate will be based upon a net of 307 days (365 days less 52 Sundays and 6 holidays), or 2,456 hours per work year.

B. Permanent and continuous employees in prevailing rate groups whose compensation is based on a monthly rate will be paid that monthly rate adjusted to provide for any difference in weekly working schedule which may exist between the University and local prevailing practice.

2. The University, through the Director of Nonacademic Personnel, will negotiate with any other group of employees, or their authorized representatives as defined in section I-2 hereof (in case of a collective bargaining unit), for the purpose of establishing rates that are mutually acceptable.

3. The University, through the Director of Nonacademic Personnel, will recommend to the Merit Board of the University Civil Service System of Illinois wage ranges and will be responsible for the determination of compensation within approved ranges of all nonacademic groups whose wages are not determined in accordance with 1 and 2 preceding. For employees in such groups the University will establish a compensation plan based on a job evaluation program in which rates shall be related to rates otherwise established for comparable services and paid for similar services by other employers.

4. —

A. The starting salary in every classification where the compensation lies between stated minimum and maximum rates instead of being a single fixed rate shall be determined by the Director of Nonacademic Personnel. In all those classifications where the maximum rate is \$250 per month or less, there shall be automatic increases at least once a year until the midpoint of the range of the classification is reached.

B. Each employee in the classification where the compensation lies between a stated minimum and maximum rate shall be fairly and impartially rated at least once each budgetary year. The plan of rating shall be available to all concerned, and the ratings of each employee shall be available to him.

C. Nonautomatic merit adjustments shall be determined by the Director of Nonacademic Personnel after full consideration of the employee's ratings, recommendations of supervisors, and the over-all University personnel policy.

IV. HOURS

1. The University recognizes work schedules as set forth in this section. Each employee classification is allocated to an appropriate work

schedule as to the work day and the work week, showing which work schedule applies to any specific classification. Changes in these schedules will be made as to prevailing rate groups when prevailing local practices change and the University is notified accordingly. Changes affecting other groups may be made by the Board on the recommendation of the Director of Nonacademic Personnel and the President. Employees in groups concerned will be notified of all such changes.

2. The work day of all groups unless herein specified shall be broken only by a lunch period of not more than one hour.

3. In those positions in which continuous seven-day service is required, Saturdays and Sundays (see section V) shall not be recognized as such, but as though they were regular work days. No employee will be required to work regularly seven consecutive days. Except as otherwise indicated in this section, the work week of all employees shall start on Monday.

4. The work schedules recognized are:

A. Eight-hour day, 40-hour week, five days, Monday through Friday.

B. Eight-hour day or four-hour half-day shift, 40-hour week:

1. Within the period Monday morning through Saturday noon.
2. Within the period Monday morning through Saturday inclusive.
3. Beginning time rotated to provide for seven-day service.

C. Eight-hour day and/or four-hour half-day shift, 44-hour week:

1. Within the period Monday morning through Saturday noon.
2. Within the period Monday morning through Saturday inclusive.
3. Beginning time rotated to provide for seven-day service.

NOTE: Employees now working on a basic 44-hour week and wishing to be permanently transferred to Plan B will be so transferred upon request to the Department Head who shall notify the Office of Non-academic Personnel of all such transfers. Employees now working under a basic 44-hour week and eligible for a month's vacation, who are thus transferred, will suffer no reduction in total weekly or monthly compensation as a result of such transfer.

D. Seven-and-one-half-hour day and three-and-one-half- to four-hour half-day shift, 37½-hour week, within the period Monday morning through Saturday inclusive.

NOTE: If three-and-one-half-hour Saturday morning shift is worked, it may be offset with either a three-and-one-half-hour morning or four-hour afternoon shift elsewhere in the work week.

E. Seven-and-one-half-hour day, Monday through Friday, three-and-one-half hours Saturday morning, 41-hour week, Monday through Saturday morning inclusive.

NOTE: Department heads may, with the concurrence of the Director of Non-academic Personnel, and to the extent departmental budgets permit, grant

requests of employees falling under Plan E to be permanently transferred to Plan D. Employees now working under a basic 41-hour week and eligible for a month's vacation who are thus transferred will suffer no reduction in total weekly or monthly compensation as a result of such transfer.

F. Eight-hour day, 48-hour week:

1. Beginning time rotated to provide seven-day service.
2. Mealtime allowed as part of eight-hour shift, beginning time rotated to provide seven-day service.

G. Twenty-four-hour shift, alternating days.

5. All time in excess of the units of hours constituting the work day and the work week is overtime, and will be compensated at time and one-half in cash unless under local prevailing practice a higher rate is paid, in which case the local prevailing practice will be followed. By mutual agreement between a department and an employee, an employee may work overtime with equivalent time off at straight time providing that this does not conflict with local prevailing practice. Any time thus allowed must be used in the vacation year as defined in section VII-1-B. In accordance with the provisions of the Illinois Women's Eight Hour law, no woman employee shall work more than nine hours in more than one day of a calendar week, provided that such excess over eight hours in that day shall be deducted from the subsequent regularly scheduled employment time of that calendar week or the next calendar week if such excess occurs on Saturday, and provided further that the total time of employment in no event shall exceed 48 hours in any one calendar week.

Exceptions: Graduate nurses, telephone operators, and employees engaged as a result of public emergencies, seasonal canning operations, etc., as defined in the Law.

6. Women employees shall be allowed rest periods of 15 minutes each half day at times to be arranged by supervisors within the work day.
7. Full-time employees may be permitted to enroll in academic classes in the University provided, if such enrollment is within regularly scheduled working hours, it is taken from regularly scheduled working hours and deduction is made from required schedule and from regular pay or time allowed for classes is made up in full or deducted from vacations. All such enrollments and the arrangements relating thereto are to be reported to the Director of Nonacademic Personnel, who shall submit a report of them to the Provost at least annually. Time in attendance on training programs or University classes, when requested by the department, shall not be deducted from the employee's

required schedules. (Conditions relating to registration and fees are covered in regulations of the Board of Trustees on those matters.)

V. SUNDAYS

As a general rule, University buildings will be closed and no work will be required on Sundays except as follows:

1. In those positions in which seven-day service is required, except as otherwise provided (see section IV-3), Sunday is not recognized as such but as a regular work day, and is offset by a seventh day off. (Schedules are available showing classifications in which such service is required.)
2. In all other cases, work on Sundays is overtime and will be compensated as provided in section IV-5.

VI. HOLIDAYS

1. Offices, laboratories, and shops will be closed and employees excused except in emergency and for necessary operations on the following legal holidays: New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, and Christmas Day.

Permanent and continuous employees and those employed in positions or in work which the University contemplates continuing for at least six months, but who have not yet completed six months service in any classification or classifications of nonacademic employment, not in a prevailing rate group will be excused with full pay.

Employees in prevailing rate groups will be excused from work and will be compensated in accordance with the local prevailing practice, except those whose normal work schedules are such as to require regular holiday work in accordance with local prevailing practice. (See section III-1-A.)

2. In the event that work on any of the above holidays is required:
 - A. Prevailing rate groups will be compensated in accordance with prevailing practice.
 - B. Other employees, except administrative employees employed in classifications so listed under appropriate schedules, will be compensated at time and a half payable in cash in addition to regular compensation.
3. Suspension of work at other times will be only with the approval of the President of the University.

VII. VACATIONS

1. Vacations are granted only to permanent and continuous employees who complete not less than eleven consecutive months of service. In

the case of seasonal employees whose services are not required for eleven consecutive months, service shall be regarded as consecutive if (1) period of seasonal operations in which he is employed is at least six consecutive months; (2) the individual is employed for six consecutive months during the entire period of seasonal operations; and (3) the only breaks in employment are due to seasonal layoffs.

A. During the first year of service a proportionate part of the annual vacation will be granted based on the months of service of the employee completed to the date of vacation, subject to completion of not less than eleven consecutive months of service. In each succeeding year the employee will receive the annual vacation as set forth below. In the year in which the employee leaves the service of the University for any reason, including death, a proportionate part of annual vacation will again be granted.

B. Annual vacations may be taken during a one-year period extending from three months prior to the end of a full year of service to nine months after the end of a full year of service. Vacations shall not be cumulative but may be deferred at the request of the department or the employee with the concurrence of the department. Such deferred vacations shall be taken within the next succeeding twelve-month period. Extra pay in lieu of vacation will not be allowed. An employee's preference as to time of vacation will be considered but the University reserves the right to assign vacation periods. Holidays recognized by the University are not counted as part of a vacation.

C. A part-time continuous employee will receive the annual vacation provided for his classification at his usual pay. (For example, a person employed half-time in a position in which two weeks is the annual vacation allowance will be granted two weeks vacation at a salary based upon half-time.)

2. The University recognizes three vacation plans, as follows:

A. One calendar month vacation in each year of service. Department heads, with the concurrence of the Director of Nonacademic Personnel, and to the extent departmental budgets permit, may grant requests of employees falling under Plan A (excepting administrative employees) to be permanently transferred to Plan C.

B. Progressive vacation schedule: two work weeks in each of the first two years of service, three work weeks in each of the next two years of service, one calendar month in the fifth and each succeeding year of service.

C. Two work weeks vacation in each year of service.

Each employee classification is allocated to an appropriate vacation schedule, showing which vacation plan applies to any specific classification. Changes in these schedules will be made when approved by the Director of Nonacademic Personnel. Employees in groups concerned will be notified of all such changes.

VIII. DISABILITY BENEFITS**1. Disability arising out of and in the course of employment:**

A. Employees who suffer disability arising out of and in the course of their employment will receive compensation as determined by the University Committee on Accident Compensation for Employees in accordance with the provisions of the Workmen's Compensation Act.

B. Such employees may elect to use portions of allowances for disability provided under sub-section 2 hereof to supplement payments made under the Workmen's Compensation Act, provided that in no case during a period of disability shall total payments exceed the full compensation paid the individual at the time the disability occurred.

C. An employee entitled to disability benefits under the University Retirement System of Illinois may receive from that System only the difference between the benefits available from the Retirement System and the amount paid in accordance with the Workmen's Compensation Act.

2. Disability from any cause not arising out of and in the course of employment:

A. Each full-time permanent and continuous employee is entitled to a disability leave of two work weeks with pay in each year of service, no part of which shall be cumulative. Each permanent and continuous employee employed regularly but on a part-time basis is entitled to such fraction of two work weeks with pay as is represented by the relationship between this part-time employment and the full-time schedules in his classification. Any permanent and continuous employee or any person who is employed in a position or in work which the University contemplates continuing for at least six months, but who has not yet completed six months service in any classification or classifications of non-academic employment, who is disabled before completing his first year of service will be allowed the same proportionate amount of the two work weeks disability leave as the portion of the year completed.

B. In addition to the leave provided in the preceding paragraph, each full-time, permanent and continuous employee who has served for one full year is entitled to an extended disability leave of one work week for each year of service, cumulative to a total of ten work weeks, which shall be allowed to reaccumulate to this maximum through additional service after being used in part or in full. No reduction shall be made in accumulations for prior service earned before March 1, 1944. Each permanent and continuous employee employed regularly on a part-time basis is entitled to such fraction of one work week with pay as is represented by the relationship between this part-time employment and the full-time schedules in his classification.

C. Disability benefits available to employees shall be used in the following order: (a) the two work weeks disability leave, (b) vacation to which entitled *when requested by the employee*, (c) extended disability leave, as provided in the preceding paragraph.

D. An employee when disabled may continue to receive full pay until

the two work weeks disability leave and his accumulated extended disability leave are exhausted. If an employee elects to receive disability benefits under the University Retirement System of Illinois before he has exhausted his extended disability leave, he will receive no payments from the University of Illinois during the period that disability benefits are received from said Retirement System.

3. Other disability benefits:

A. Persons under University Retirement System:

1. All persons permanently and continuously employed by the University must become participants in the University Retirement System of Illinois established by a special act of the General Assembly approved July 21, 1941. A deduction of 5 per cent is made from each payment of salary or wage to every participant in the system. This contribution is placed to the credit of the individual and draws interest (at 3 per cent at this date) which is added to his contribution. The total accumulations with interest may be withdrawn by the individual on his separation from University employment.

2. Disability benefits from the System are payable to any participant for mental or physical disability arising from any cause as a result of which the individual is unable to perform the duties of his position. Benefits begin 60 days after the beginning of the disability, provided an application has been filed and salary is suspended. Benefits amount to 50 per cent of the earnings at the time disability occurred and continue during disability until the total paid is 50 per cent of the total earnings during service credited in the Retirement System.

4. The University reserves the right to require acceptable evidence of disability before allowing any disability benefits whatsoever.

IX. LEAVES OF ABSENCE

1. Leaves of absence without pay for reasons other than disability, as covered in section VIII, may be granted by the University through the Director of Nonacademic Personnel when in his judgment the recommendations are reasonable and have the approval of the supervisor of the employee.

2. Leaves of absence with pay on account of death or illness of relatives may be granted by the Director of Nonacademic Personnel to the extent considered reasonable and necessary in each case, taking into consideration length of service, condition of work in the department, previous leave granted the employee, and recommendation of department head. Such leaves when granted shall be charged against the employee's annual disability leave in accordance with section

VIII-2-A, unless otherwise approved by the Director of Nonacademic Personnel.

3. Leaves of absence for jury or witness service and to serve in the State Militia shall be granted when employees are called for such service. Pay for such leaves will be computed as the difference between the amount paid for the service and the regular full-time salary or wage of the person on such leave.

4. Leaves of absence without pay for service in the armed forces of the United States shall be granted when an employee enlists in or is inducted into such service. Such an employee will be restored to his former position, or, at the discretion of the University, to one of similar requirements and compensation, if: his discharge is under conditions other than dishonorable; he requests re-employment within 90 days after his discharge; he is qualified to perform the duties of his position. If, as a result of service in the armed forces, he is not physically or mentally qualified to perform the duties of any such position, the University will offer him employment in a position which his physical and mental condition permits him to perform, at the rate of compensation provided for that position.

5. Leaves of absence for other approved work may be granted on request by the President of the University and extended at his discretion. A person receiving such a leave will have the right to return to his former position at the termination of his leave provided he is in a satisfactory physical and mental condition to resume the duties of the position, and provided the position has been continued during his absence. If the position has been discontinued the person on leave will be eligible to appointment to any position in his classification which becomes vacant at or subsequent to his return.

X. RETIREMENT BENEFITS*

1. Participants in the University Retirement System are retired on September 1 following their 68th birthday unless deferment is approved by the University. Under certain conditions, persons employed prior to September 1, 1941, may request retirement after age 65 and

* These provisions are summaries of the benefits payable under the University Retirement System Act.

if retired with 25 or more years of service receive the same annuity which would be paid at 68. Participants may elect to retire at any time after age 60 or with the approval of the University and of the Retirement Board between the ages 55 and 60. Retirement in such instances is at a reduced annuity.

Interrupted employment. Employees who are participants in the Retirement System and whose employment is irregular maintain their participation in the Retirement System during the period of employment. At any time that employment is terminated, the employee may withdraw his contributions to the System plus interest; or he may leave his contributions on deposit, in which case, if he is again employed, contributions and benefits will be resumed and accumulated benefits of all kinds restored as of the date employment ceased.

XI. DEATH BENEFITS*

1. For employees participating in the Retirement System a death benefit approximately equal to one year's salary, not less than \$2,000 or more than \$5,000, is payable by the Retirement System, if the beneficiary is dependent upon the participant. Otherwise the death benefit will be the employee's accumulated contributions. After retirement a death benefit is payable equal to whichever of the following is the greatest:

A. The accumulated employee contributions, including interest, at the time of retirement less the sum of all annuity payments prior to the date of death;

B. Six times the monthly Supplemental Annuity paid for service prior to September 1, 1941;

C. \$500.

2. For persons not in the Retirement System, a death benefit of \$500 is payable by the University after six months service. Such benefit may be reduced by payments made on account of the State Workmen's Compensation Act or a death benefit in excess of contributions paid by any tax supported retirement system of the State of Illinois or by the Federal Civil Service Retirement System.

3. In accordance with section VII-1-A, payment will be made for any accumulated unpaid vacation allowances.

* These provisions are summaries of the benefits payable under the University Retirement System Act.

XII. REPORTS OF ABSENCES AND OVERTIME

1. Every absence of one hour or more of any nonacademic employee is to be reported by the department to the Office of Nonacademic Personnel on forms provided by it.
2. All overtime to be compensated by time off shall be reported by the department to the Office of Nonacademic Personnel on forms provided by it.

XIII. GRIEVANCES

Grievances shall consist of all matters of dispute affecting the employer-employee relationships excepting those set out in sections III to IX inclusive, other than questions of interpretation of those sections or their applications to individual cases and except as stated in paragraph 5 of this section. If any employee has a grievance which he desires to have considered, he shall present it in the following manner:

1. The employee, or, if he is a member of a collective bargaining unit, his authorized representative, shall submit the matter in writing to his immediate supervisor or to his next higher ranking supervisor within two work days. The supervisor shall answer the grievance in writing not later than two work days after it is presented to him. If the grievance is not presented within two work days as provided herein, the right to have it considered is thereby waived. If the supervisor fails to answer the grievance within two work days, it shall be considered settled in favor of the employee.
2. If the employee, or in case of a collective bargaining unit his authorized representative, is not satisfied with the decision of his immediate supervisor, the grievance shall then be presented in writing by the employee or his authorized representative to the next ranking supervisor. Such grievances must be presented by the employee or his representative within five work days after the date of the immediate supervisor's answer in the previous step of the grievance procedure unless the next ranking supervisor agrees that more time is needed to obtain necessary information. That supervisor shall answer any grievance in writing within five work days from the date the grievance was presented to him unless the employee agrees that more time is needed to obtain necessary information.

Any decision which is not appealed by the employee or his authorized representative within five work days shall be considered settled and binding on the employee and the University. Failure of the supervisor to answer the grievance within five work days after that appeal is presented to him shall be considered a decision in favor of the employee.

3. If the decision of the supervisor under paragraph 2 is not satisfactory to the employee, the grievance, together with the written record of the case, shall be referred by the employee or his authorized representative to the Director of Nonacademic Personnel for decision. Before reaching a decision, the Director of Nonacademic Personnel shall discuss the grievance with the employee or his authorized representative and the administrative head involved.

4. If the decision of the Director of Nonacademic Personnel is not accepted by the employee, the case, on request of the employee, shall be referred to a board of arbitration. The board of arbitration shall be composed of two representatives appointed by the University, two appointed by the employee or his authorized representative, and a fifth chosen by those four. A decision approved by any three of the board of arbitration shall be accepted by the employee and the University Board of Trustees as a final settlement of the grievance.

5. Cases of suspension or cases arising under section III-4-C may be appealed by or on behalf of an employee in accordance with paragraphs 1 to 3 of the foregoing procedure. The Director of Nonacademic Personnel is authorized to make final decision in such cases.

6. Time spent by an employee or his representative, if the representative is a University employee, or both, in settling grievances shall be paid for in accordance with the provisions of section II-2. If an organized group is involved, it is understood that the term "representative" may include a steward or grievance committee or both from the employee group concerned, but from that group only, in so far as payment for time is concerned. In no case, however, shall any employee leave his post or duty without the knowledge of and permission from his foreman or immediate supervisor, which permission shall normally be given, subject to necessary emergency exceptions.

7. The procedure relating to discharge shall be handled in accordance with the civil service law which entitles the employee on his

request to a hearing by or before the Merit Board or by or before some officer or body appointed by the Merit Board.

8. The term "work day" as used in this section shall not include days on which the employee or supervisor is absent because of disability, vacation, or other authorized leave.

XIV. SENIORITY

Employees shall acquire seniority rights retroactive to date of employment after the completion of the probationary period of six months as provided in the University Civil Service Rules. Seniority shall be by length of service in the promotional line; and seniority rights shall be limited to the locality in which the work is performed, that is Urbana, the Chicago Professional Colleges, the Chicago Undergraduate Division, the Agricultural Experiment Station at Dixon Springs, Robert Allerton Park, Division of Services for Crippled Children, and any other locations which now are, or may be, established by the University. If an employee is on disability leave, or is on leave for service in the armed forces of the United States, the tenure for seniority will continue as though he were continuously employed. If the employee is laid off for lack of work, or if a leave, other than a disability leave or for service in the armed forces of the United States, is granted at the request of the employee, seniority will be based on the actual months of service in the promotional line.

If an employee accepts a position in a classification outside the promotional line, he may be given a leave for one year from his old classification in order that he may preserve seniority for the months of service in the promotional line of which that classification is a part. After one year's service in the classification outside the promotional line, the employee's continuation in that classification will be deemed a waiver of seniority rights in the old promotional line.

XV. ADMINISTRATIVE EMPLOYEES

The Director of Nonacademic Personnel, on the advice of department heads, may designate certain nonacademic classifications as administrative. Classifications covered by the provisions of collective bargaining agreements shall not be considered for such designation. Compensation for employees in administrative classifications shall be determined within approved salary ranges entirely by the University. They shall

not receive additional cash compensation for services in excess of the work week normally required in the position. They shall receive vacations of one month for each year of service. Advancement shall be based solely on merit as recommended by department heads except as general increases are granted to all employees subject to the provisions of section III-3 and 4.

XVI. NOTICES OF EMPLOYMENT

Notices of employment in all nonacademic classifications shall be issued by the Director of Nonacademic Personnel at the beginning of employment. These notices shall continue in effect until employment is terminated, or conditions of employment are changed, in which case a superseding notice will be issued. Such notices shall state the classification, compensation, effective date, and other conditions affecting the employment.

XVII. ADMINISTRATION OF POLICIES AND RULES

Responsibility for the administration of the policies and rules as set forth herein is vested in the Director of Nonacademic Personnel under the executive authority of the President of the University.

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

April 24, 1952



The April meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Thursday, April 24, 1952, beginning at 4:00 p.m.

The following members were present: Mr. John R. Fornof, Mr. Harold E. Grange, Mr. Wirt Herrick, Mr. R. Z. Hickman, Mrs. Doris S. Holt, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Vernon L. Nickell, Mrs. Frances B. Watkins. Mr. Herbert B. Megran and Governor Adlai E. Stevenson were absent.

Also present were: President George D. Stoddard, Provost C. R. Griffith, Vice-President A. C. Ivy, Mr. J. F. Wright, Director of Public Information, Mr. E. L. Stouffer, University Architect, Mr. W. H. Binford of Pace Associates, Architects for the East Dentistry-Medicine-Pharmacy Building, Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of February 22, 1952, press proof copies of which were sent to all members of the Board in advance of this meeting.

On motion of Mr. Johnston, these minutes were approved as printed on pages 1335 to 1402, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following recommendations and reports from the President of the University.

APPOINTMENTS TO THE 1952 SUMMER SESSION STAFF

(1) I submit recommendations for appointments to the faculty for the 1952 summer session. The appointments and the budget provide for an eight-week session at Urbana-Champaign and at the Chicago Undergraduate Division, and for a small amount of instruction at the Chicago Professional Colleges.

Salaries of members of the faculty recommended for appointments to the summer session staff are computed on the basis of two-ninths of the salary of the academic year for two months of summer service in accordance with the terms of employment of the academic staff as authorized by the Board of Trustees.

The budget totals \$515,000 for Urbana-Champaign, including a reserve of \$3,644 to be assigned on recommendation of the Dean of the Summer Session in terms of enrollment demands, and \$88,500 for Chicago, including \$1,067 for the Chicago Professional Colleges, and a reserve of \$3,859 to be assigned on recommendation of the Dean of the Undergraduate Division.

The proposed 1952 summer session budget is \$16,393 more than the 1951 budget. This is accounted for by carrying over to the summer session the general salary increases granted for the current biennium.

I recommend that the appointments to the summer session staff and the reserve for unassigned salaries be approved as submitted and that the President of the University be authorized to accept resignations and to make such changes, adjustments, and additional appointments as are necessary, in accordance with the needs of the University and within estimated income.

On motion of Mr. Nickell, these recommendations were approved.

Summary

Urbana-Champaign.....	\$515 000
Chicago Undergraduate Division (including \$1,067 for Chicago Professional Colleges).....	88 500
<i>Total, Summer Session.....</i>	<i>\$603 500</i>

URBANA-CHAMPAIGN

Agricultural Economics		<i>Part-time</i>	<i>Salary</i>
1. _____, Professor.....			\$1 600
2. W. N. Thompson, Assistant Professor.....	½		576
3. E. F. Nash, Visiting Lecturer.....			720
			(\$2 896)

Agricultural Engineering

1. E. W. Lehmann, Professor.....	½	\$1 020
2. R. I. Shawl, Professor (June 16-July 12).....		812
		(\$1 832)

Architecture

1. T. C. Bannister, Professor and Head of Department.....	½	\$1 255
2. N. D. Morgan, Professor.....		1 823

	<i>Part-time</i>	<i>Salary</i>
3. W. S. Kinne, Jr., Professor.....	I	823
4. R. M. Line, Assistant Professor.....	I	156
5. G. T. Clayton, Assistant Professor.....	I	112
6. H. C. Edwards, Instructor.....	I	067
		(\$8 236)

Art

1. A. S. Weller, Professor and Head of Department.....	\$2	278
2. C. V. Donovan, Professor.....	I	823
3. J. R. Shipley, Professor.....	I	589
4. W. F. Doolittle, Associate Professor.....	I	400
5. C. A. Dietemann, Associate Professor.....	I	284
6. J. W. Kennedy, Associate Professor.....	I	267
7. A. J. Pulos, Associate Professor.....	I	112
8. R. E. Hult, Assistant Professor.....	I	112
9. C. W. Briggs, Assistant Professor.....		956
10. G. N. Foster, Instructor.....		912
11. J. H. G. Lynch, Instructor.....		878
		(\$14 611)

Astronomy

1. R. G. Langebartel, Assistant Professor and Executive Secretary of the Department.....	\$1	000
		(\$1 000)

Bacteriology

1. S. E. Luria, Professor.....	\$1	945
2. Sol Spiegelman, Professor.....	I	823
3. F. M. Clark, Associate Professor.....	I	467
4. B. P. Sagik, Assistant.....	½	287
5. H. F. Yarbrough, Jr., Assistant.....	½	287
6. Don Waldhalm, Assistant.....	½	287
7. Seymour Lederberg, Assistant.....	½	267
		(\$6 363)

Bands

1. E. D. Kisinger, Assistant Director.....	½	\$ 612
(See Music).....		(611)
(Total Salary).....		(I 223)
		(\$ 612)

Botany

1. G. N. Jones, Professor.....	\$1	512
2. Leland Shanor, Professor.....	I	512
3. W. N. Stewart, Associate Professor.....	I	369
4. F. C. Lane, Assistant.....	½	287
5. R. W. Lichtwardt, Assistant.....	½	287
6. E. Jeanne Morgan, Assistant.....	½	287
7. W. L. Stern, Assistant.....	½	287
8. S. L. Wilson, Assistant.....	½	287
		(\$5 828)

Business Organization and Operation

1. A. C. Littleton, Professor.....	\$2	045
2. A. G. Anderson, Professor.....	I	723
3. C. J. Gaa, Professor.....	½	856
4. H. H. Baily, Professor.....	½	845
5. F. M. Jones, Professor.....	I	512
6. A. C. Condon, Associate Professor.....	½	756
(See Education).....		(756)
(Total Salary).....		(I 512)
7. H. G. Wales, Associate Professor.....	½	756
8. R. K. Mautz, Associate Professor.....	½	734

	<i>Part-time</i>	<i>Salary</i>
9. Robert Dubin, Associate Professor.....	$\frac{1}{2}$	712
(See Sociology and Anthropology).....		(711)
(Total Salary).....		(1 423)
10. P. C. Roberts, Associate Professor.....	$\frac{1}{2}$	689
11. C. C. Curtis, Associate Professor.....	1	289
12. Nugent Wedding, Associate Professor.....	1	389
13. R. V. Mitchell, Assistant Professor.....	1	367
14. J. M. Carrithers, Assistant Professor.....	1	334
15. N. D. Wakefield, Assistant Professor.....	$\frac{1}{2}$	634
16. H. E. Breen, Assistant Professor.....	$\frac{1}{2}$	612
17. W. E. Thomas, Assistant Professor.....	$\frac{1}{2}$	612
18. Elizabeth R. Melson, Assistant Professor.....	1	067
19. H. L. Crouse, Instructor.....		934
20. W. O. Morris, Instructor.....	$\frac{1}{2}$	445
21. D. A. Henning, Instructor.....	$\frac{1}{2}$	434
22. M. D. Richards, Instructor.....	$\frac{1}{2}$	434
23. Charles Lawrence, Instructor.....	$\frac{1}{2}$	356
24. B. F. Aschbacher, Instructor.....	$\frac{1}{2}$	400
25. L. M. DeBoer, Assistant.....	$\frac{1}{2}$	367
26. E. W. Ludwig, Assistant.....	$\frac{1}{2}$	323
27. F. W. Gilchrist, Visiting Lecturer.....	1	500
		(\$24 125)

Chemistry

1. J. C. Bailar, Jr., Professor.....		\$2 400
2. N. J. Leonard, Professor.....	2	223
3. G. T. Moeller, Associate Professor.....	1	556
4. C. S. Vestling, Associate Professor.....	1	423
5. Milton Tamres, Assistant Professor.....	1	067
6. L. M. Henderson, Assistant Professor.....	1	356
7. J. W. Westwater, Assistant Professor.....	1	112
8. H. V. Malmstadt, Instructor.....		934
9. E. P. Bertin, Instructor.....		889
10. E. J. Corey, Instructor.....		956
11. E. C. Taylor, Jr., Instructor.....		945
12. S. J. Bodnar, Assistant.....	$\frac{1}{2}$	334
13. H. C. Terford, Assistant.....	$\frac{1}{2}$	267
14. D. H. Wilkins, Assistant.....	$\frac{1}{2}$	267
15. D. E. Woerner, Assistant.....	$\frac{1}{2}$	360
16. W. E. Thatcher, Assistant.....	$\frac{1}{2}$	289
17. _____, Assistant.....	$\frac{1}{2}$	360
18. _____, Assistant.....	$\frac{1}{3}$	240
19. _____, Assistant.....	$\frac{1}{3}$	240
20. _____, Assistant.....	$\frac{1}{3}$	223
21. _____, Assistant.....	$\frac{1}{3}$	223
22. _____, Assistant.....	$\frac{1}{2}$	334
23. _____, Assistant.....	$\frac{1}{2}$	334
24. _____, Assistant.....	$\frac{1}{2}$	334
25. _____, Assistant.....	$\frac{1}{2}$	334
26. _____, Assistant.....	$\frac{1}{2}$	334
27. _____, Assistant.....	$\frac{1}{2}$	334
28. _____, Assistant.....	$\frac{1}{2}$	334
29. _____, Assistant.....	$\frac{1}{2}$	334
30. C. R. Thomas, Assistant.....	$\frac{1}{2}$	267
31. L. C. Behr, Visiting Lecturer.....	1	000
32. W. E. McEwen, Visiting Lecturer.....	1	500
		(\$23 103)

Civil Engineering

1. T. C. Shedd, Professor of Structural Engineering.....		\$2 523
2. Jamison Vawter, Professor.....	2	112
3. N. M. Newmark, Research Professor.....	$\frac{1}{2}$	1 317

	<i>Part-time</i>	<i>Salary</i>
4. W. A. Oliver, Professor	I	645
5. J. G. Clark, Professor	I	623
6. E. J. Daily, Assistant Professor	I	223
7. _____, Assistant Professor	I	223
		(\$11 666)

Civil Engineering Summer Camp

1. W. H. Rayner, Professor (June 30 to August 2)	\$	917
2. L. D. Walker, Professor (June 4 to June 24; June 30 to August 2) ..	I	534
3. G. H. Dell, Professor (June 4 to June 24; June 30 to August 2) ..	I	334
4. M. O. Schmidt, Associate Professor and Camp Director (June 4 to August 13)	I	681
5. J. C. Chaderton, Assistant Professor (June 4 to June 24; June 30 to August 2)	I	200
6. _____, Assistant Professor (June 4 to June 24; June 30 to August 2)	I	223
7. _____, Camp Doctor (June 30 to August 2)		250
		(\$8 139)

Classics

1. J. L. Heller, Professor and Head of Department	\$2	045
2. B. E. Perry, Professor	I	956
		(\$4 001)

Economics

1. P. M. Van Arsdell, Professor and Vice-Chairman of the Department	½	\$ 860
2. J. F. Bell, Professor	I	867
3. E. T. Weiler, Professor	I	867
4. E. B. McNatt, Professor	I	867
5. P. H. Brown, Professor	I	823
6. R. W. Mayer, Associate Professor	I	467
7. W. C. Robb, Associate Professor	I	467
8. George Kleiner, Associate Professor	I	434
9. J. L. McConnell, Associate Professor	I	423
10. Janet L. Weston, Assistant Professor	I	156
11. J. A. Cochran, Assistant Professor	I	112
12. L. C. Sartorius, Assistant Professor	I	078
13. E. L. Eckles, Assistant	½	356
14. _____, Assistant	½	356
15. H. R. Powell, Assistant	½	323
16. William Woodruff, Visiting Lecturer	I	500
		(\$19 956)

Education

1. A. W. Anderson, Professor	\$1	498
2. _____, Professor	I	869
3. T. E. Benner, Professor	2	152
4. G. M. Blair, Professor	I	556
5. R. W. Burnett, Professor	I	760
6. J. J. DeBoer, Professor	I	718
7. H. C. Hand, Professor	I	987
8. K. B. Henderson, Professor	I	534
9. W. V. Kaulfers, Professor	I	636
10. S. A. Kirk, Professor	I	880
11. A. B. Mays, Professor	I	827
12. P. V. Miller, Professor	I	678
13. C. W. Odell, Professor	I	434
14. E. H. Reeder, Professor	I	849
15. J. H. Shores, Professor	I	509
16. R. H. Simpson, Professor	I	505
17. B. O. Smith, Professor	I	987
18. Letitia Walsh, Professor	I	578

	Part- time	Salary
19. A. C. Condon, Associate Professor.....	½	756
(See Business Organization and Operation).....		(756)
(Total Salary).....		(1 512)
20. M. K. Humble, Associate Professor.....	I	363
21. C. G. Knapp, Associate Professor.....	I	243
22. W. E. Martin, Associate Professor.....	I	196
23. Liesette McHarry, Associate Professor.....	I	292
24. T. E. Newland, Associate Professor.....	I	445
25. G. W. Reagan, Associate Professor.....	I	214
26. H. A. Schultz, Associate Professor.....	I	445
27. W. O. Stanley, Associate Professor.....	I	276
28. H. S. Zim, Associate Professor.....	I	467
29. F. P. Barnes, Assistant Professor.....	I	325
30. R. N. Evans, Assistant Professor.....	I	112
31. L. E. Giles, Assistant Professor.....	I	000
32. R. S. Jones, Assistant Professor.....	I	038
33. W. M. Lifton, Assistant Professor.....	I	229
34. Foster McMurray, Assistant Professor.....	I	112
35. J. T. Moore, Assistant Professor.....	I	000
36. W. J. Moore, Assistant Professor.....	I	289
37. R. E. Pingry, Assistant Professor.....	I	034
38. G. W. Sowards, Assistant Professor.....	I	000
39. Ritta Whitesel, Assistant Professor of Home Economics Education.....	¼	253
40. E. M. Woodman, Assistant Professor.....	I	125
41. C. E. Johnson, Instructor.....	½	478
42. Irving Lazar, Instructor.....	I	038
43. M. J. Scott, Instructor.....	I	112
44. Mrs. Clara B. Army, Visiting Lecturer (June 16 to July 12),.....		700
45. H. M. Barr, Visiting Lecturer (June 23 to July 19).....		800
46. I. B. Berkson, Visiting Lecturer.....	I	500
47. J. B. Bouchard, Visiting Lecturer.....	I	200
48. O. M. Chute, Visiting Lecturer (June 23 to July 19).....		600
49. H. A. Curtis, Visiting Lecturer.....	I	200
50. K. W. Eells, Visiting Lecturer.....	I	500
51. Frederick Ellis, Visiting Lecturer.....	I	300
52. Florence Flach, Visiting Lecturer.....	¼	325
53. H. G. Good, Visiting Lecturer.....	I	500
54. H. O. Hall, Visiting Lecturer.....	I	500
55. T. L. Harris, Visiting Lecturer.....	I	500
56. K. E. Howe, Visiting Lecturer.....	I	500
57. Frederic Lilge, Visiting Lecturer.....	I	500
58. L. O. Little, Visiting Professor.....	I	400
59. Louis Long, Visiting Lecturer.....	I	500
60. R. H. Mathewson, Visiting Lecturer.....	I	500
61. M. H. Nichols, Visiting Lecturer (June 16 to July 12).....		800
62. A. L. Stephens, Visiting Lecturer.....	I	200
63. S. M. Stoke, Visiting Lecturer.....	I	500
64. Elizabeth Todd, Visiting Lecturer (June 30 to August 9).....		900
65. Ethel Wooley, Teacher in Elementary Demonstration School (June 16 to July 25).....		800
66. O. P. Kolstoe, Visiting Lecturer.....	I	200
67. Dolph Camp, Visiting Lecturer.....	I	500
68. _____, Assistant.....		534
		(\$88 258)

Electrical Engineering

1. G. H. Fett, Professor.....	¼	\$ 845
2. M. S. Helm, Professor.....	I	445
3. C. A. Keener, Professor.....	I	756
4. A. R. Knight, Professor.....	2	000
5. J. O. Kraehenbuehl, Professor.....	¾	350
6. J. K. Tuthill, Professor.....	¾	734

	Part-time	Salary
7. L. B. Archer, Associate Professor	½	656
8. P. R. Egbert, Associate Professor	½	600
9. W. L. Emery, Associate Professor		I 356
10. P. F. Schwarzlose, Associate Professor	I	289
11. C. E. Skroder, Associate Professor	I	378
12. J. E. Williams, Associate Professor	½	687
13. M. H. Crothers, Assistant Professor	I	100
14. D. F. Hang, Assistant Professor	¾	805
15. P. K. Hudson, Assistant Professor	I	112
16. M. S. McVay, Assistant Professor	I	223
17. C. L. Coates, Instructor		I 000
18. J. U. Jeffries, Instructor	¾	612
		(\$19 948)

English

1. G. N. Ray, Professor and Head of Department		\$2 067
2. P. N. Landis, Professor		I 956
3. A. W. Secord, Professor		I 834
4. R. M. Smith, Professor		I 689
5. E. H. Davidson, Associate Professor		I 445
6. C. H. Shattuck, Associate Professor	½	684
(See Speech—University and Summer Youth Theater Program)		(683)
(Total Salary)		(I 367)
7. R. B. Weirick, Associate Professor		I 345
8. M. S. Goldman, Associate Professor		I 267
9. G. P. Haskell, Assistant Professor	½	397
10. L. C. Warren, Assistant Professor		I 167
11. F. W. Weeks, Assistant Professor of Business English	I	100
12. G. B. Stillwell, Assistant Professor	½	534
13. Margaret French, Assistant Professor	¾	834
14. Cornelia P. Kelley, Assistant Professor	¾	652
15. George Scouffas, Assistant Professor		889
16. J. K. Quinn, Instructor	½	489
17. Margaret Bloom, Instructor	½	282
18. H. F. Robins, Instructor	½	423
19. Bruce Harkness, Instructor	½	423
20. N. P. Davis, Instructor in Business English	½	395
21. J. A. Hamilton, Instructor	½	256
22. W. J. Chamberlin, Instructor in Business English	½	384
23. Constance Nicholas, Instructor	¾	489
24. Richard Wiegand, Assistant in Business English	½	372
25. Audrey Galpin Vilaro, Assistant		743
26. V. E. Harder, Assistant in Business English	½	359
27. Mary Hussey, Assistant		718
28. C. T. Wilkins, Assistant	½	324
29. Verna Wittrock, Assistant	¾	414
30. G. T. Watkins, Assistant	¾	298
31. Pauline Drawver, Assistant	¾	300
32. J. D. Bailey, Assistant	½	215
33. J. E. Bellamy, Assistant	½	298
34. H. K. Crockett, Assistant	½	305
35. G. B. Hardy, Assistant	½	287
36. Allen Hayman, Assistant	½	287
37. Julia D. Knuppel, Assistant	½	287
38. F. M. Krouse, Visiting Lecturer	I	500
		(\$27 708)

Entomology

1. W. P. Hayes, Professor and Head of Department		\$1 912
2. H. E. Gray, Assistant	½	287
3. H. H. Moorefield, Assistant	½	267
		(\$2 466)

French		Part-time	Salary
1.	J. R. Smiley, Professor and Head of Department.....		\$1 943
2.	C. C. Gullette, Associate Professor.....	I	378
3.	C. P. Viens, Assistant Professor.....	I	134
4.	R. E. Hallowell, Instructor.....	½	450
5.	_____, Instructor.....	½	367
6.	T. E. Comfort, Assistant.....	½	287
7.	E. G. Porter, Assistant.....	½	287
8.	Patricia C. Annable, Assistant.....	½	287
9.	_____, Assistant.....	½	287
			(\$6 420)

General Engineering Drawing

1.	J. S. Dobrovolny, Instructor.....	\$1	045
			(\$1 045)

Division of General Studies

1.	W. E. Morrell, Associate Professor.....	\$1	323
2.	O. E. Kugler, Associate Professor.....	I	250
3.	_____, Assistant.....	⅓	208
4.	_____, Assistant.....	⅓	208
5.	_____, Assistant.....	⅓	208
			(\$3 197)

Geography

1.	_____, Professor.....	\$1	578
2.	J. L. Page, Professor.....	I	434
3.	F. W. Foster, Associate Professor.....	I	356
4.	J. D. Fellmann, Instructor.....	I	000
5.	_____, Assistant.....	½	300
6.	_____, Assistant.....	½	300
7.	_____, Assistant.....	¼	134
8.	_____, Assistant.....	¼	134
9.	_____, Assistant.....	¼	134
			(\$6 370)

Geology

1.	J. L. Hough, Professor (August 15 to September 15).....	\$	778
2.	_____, Associate Professor.....	I	423
3.	D. M. Henderson, Assistant Professor.....	I	052
4.	W. M. Merrill, Instructor.....		912
5.	J. B. Droste, Assistant.....	½	267
6.	N. F. Sohl, Assistant (August 15 to September 15).....		287
7.	R. Doehler, Assistant.....	½	267
8.	F. H. T. Rhodes, Visiting Lecturer.....	I	200
			(\$6 186)

German

1.	D. W. Schumann, Professor.....	\$1	834
2.	J. R. Frey, Associate Professor.....	I	443
3.	F. J. Nock, Associate Professor.....	I	289
4.	Max Dufner, Instructor.....		734
5.	_____, Instructor.....	½	445
6.	_____, Assistant.....	½	287
7.	_____, Assistant.....	¾	384
			(\$6 416)

History

1.	F. C. Dietz, Professor.....	\$2	289
2.	C. E. Nowell, Professor.....	I	545
3.	C. G. Starr, Associate Professor.....	I	394
4.	R. N. Current, Associate Professor.....	I	423
5.	J. B. Sirich, Assistant Professor.....	I	160
6.	R. M. Sutton, Assistant Professor.....		956

	Part-time	Salary
7. N. F. Norman, Assistant Professor.....	$\frac{3}{4}$	560
8. W. J. Bouwsma, Instructor.....		889
9. _____, Assistant.....	$\frac{1}{2}$	336
10. _____, Assistant.....	$\frac{1}{2}$	336
11. _____, Assistant.....	$\frac{1}{2}$	336
		(\$11 224)

Home Economics

1. Mrs. Pearl Z. Janssen, Associate Professor (June 16 to July 12)...	\$	673
2. Florence King, Associate Professor.....	I	245
3. Mrs. Marion W. McLaughlin, Assistant Professor.....		978
4. Anne Fluhr, Instructor.....		778
	(\$3	674)

Hygiene

1. Dorothy F. Dunn, Instructor in Hygiene.....	\$	800
	(\$	800)

Journalism and Communications

1. V. R. Fryburger, Assistant Professor.....	\$1	312
2. D. E. Brown, Assistant Professor.....	$\frac{1}{2}$	620
3. J. C. Sutton, Instructor.....	I	094
4. H. E. Hill, Instructor.....	$\frac{1}{4}$	240
5. I. W. Cole, Assistant.....	$\frac{1}{2}$	412
(See Student Counseling Bureau).....		(411)
(Total Salary).....		(823)
	(\$3	678)

Law

1. M. I. Schnebly, Professor.....	$\frac{3}{4}$	\$2 150
2. E. W. Cleary, Professor.....	$\frac{3}{4}$	2 150
3. K. S. Carlston, Professor.....	$\frac{3}{4}$	I 534
4. R. G. Cohn, Professor.....	$\frac{3}{4}$	I 450
5. J. N. Young, Associate Professor.....	$\frac{3}{4}$	I 250
6. J. E. Cribbet, Associate Professor.....	$\frac{3}{4}$	I 250
7. C. H. Bowman, Assistant Professor.....	$\frac{3}{4}$	I 167
8. R. J. Faletti, Assistant Professor.....	$\frac{3}{4}$	I 017
	(\$11	968)

Library School

1. Thelma Eaton, Associate Professor.....	\$1	289
2. Mrs. Frances B. Jenkins, Associate Professor.....	I	334
3. Marie M. Hostetter, Assistant Professor.....	I	067
4. Viola L. James, Instructor.....		978
5. _____, Assistant.....		578
6. J. H. Jacobs, Visiting Lecturer.....	I	400
7. E. J. Reece, Visiting Lecturer.....	I	200
8. _____, Visiting Lecturer.....	I	200
9. _____, Visiting Lecturer.....		600
10. _____, Visiting Lecturer.....	I	000
11. A. Kathryn Oller, Visiting Lecturer.....	I	000
12. Roy Stokes, Visiting Lecturer.....	I	000
	(\$12	646)

Mathematics

1. H. R. Brahana, Professor.....	\$2	034
2. P. W. Ketchum, Professor.....	I	556
3. H. J. Miles, Professor.....	$\frac{1}{2}$	834
4. H. E. Vaughan, Associate Professor.....		I 178
5. Josephine Mitchell, Assistant Professor.....		I 089
6. Wilfrid Wilson, Assistant Professor.....		I 012
7. Joseph Landin, Assistant Professor.....		I 078
8. W. F. Atchison, Assistant Professor.....		I 089
9. Harry Lass, Assistant Professor.....		I 089

	<i>Part-time</i>	<i>Salary</i>
10. E. J. Scott, Assistant Professor.....		I 067
11. V. A. Hoersch, Assistant Professor.....		I 012
12. M. E. Munroe, Assistant Professor.....		I 176
13. Clarence Phillips, Instructor.....		845
14. D. G. Higman, Assistant.....		623
15. C. L. Keller, Jr., Assistant.....	$\frac{1}{3}$	193
16. W. A. Michael, Jr., Assistant.....	$\frac{1}{2}$	289
17. E. R. Mullins, Jr., Assistant.....		623
18. D. M. Friedlen, Assistant.....	$\frac{1}{2}$	289
19. R. J. Silverman, Assistant.....	$\frac{1}{2}$	312
20. M. J. Walsh, Assistant.....		623
		(\$18 011)

Mechanical Engineering

1. J. H. Potter, Professor.....		\$I 489
2. H. H. Korst, Professor.....		I 445
3. D. H. Krans, Professor.....		I 423
4. C. D. Greffe, Associate Professor.....		I 267
5. D. E. McFeron, Assistant Professor.....	$\frac{3}{4}$	750
6. H. D. Bareither, Assistant Professor.....		978
7. D. H. Offner, Instructor.....		867
		(\$8 219)

Music

1. Paul Young, Professor.....	$\frac{1}{2}$	\$ 837
2. R. H. Miles, Professor.....	$\frac{3}{4}$	I 209
3. W. G. Hill, Professor.....	$\frac{1}{3}$	530
4. Hubert Kessler, Professor.....	$\frac{1}{3}$	530
5. Paul Rolland, Professor.....	$\frac{2}{3}$	996
6. Bernard Goodman, Associate Professor, Artist in Residence.....		I 445
7. H. C. C. Schmitt, Associate Professor, Artist in Residence.....	$\frac{3}{8}$	505
8. R. H. Swenson, Associate Professor, Artist in Residence.....	$\frac{3}{4}$	I 009
9. Charles Leonhard, Associate Professor.....		I 667
10. G. R. Waller, Associate Professor.....	$\frac{1}{2}$	627
11. Mrs. Velma K. Wilson, Associate Professor of Music Education.....		I 334
12. Soulima Stravinsky, Associate Professor.....		I 316
13. J. C. Garvey, Assistant Professor, Artist in Residence.....	$\frac{3}{4}$	775
14. J. R. Kelly, Assistant Professor.....		I 223
15. E. D. Kisinger, Assistant Professor.....	$\frac{1}{2}$	611
(See Bands).....		(612)
(Total Salary).....		(I 223)
16. Norman Cazden, Assistant Professor.....	$\frac{1}{2}$	650
17. H. O. Sexton, Assistant Professor.....		I 223
18. Wolfgang Kuhn, Assistant Professor.....	$\frac{1}{3}$	381
19. A. J. McDowell, Assistant Professor.....		I 112
20. Beth Bradley, Assistant Professor.....		I 005
21. Max Kaplan, Instructor.....	$\frac{1}{2}$	445
(See Sociology and Anthropology).....		(444)
(Total Salary).....		(889)
22. A. M. Carter, Instructor.....	$\frac{1}{2}$	480
23. Dorothy Clark, Instructor.....		956
24. P. W. Price, Instructor.....		889
25. M. C. Howe, Instructor.....	$\frac{3}{4}$	523
26. Glenn Schnittke, Visiting Lecturer.....		I 300
27. Marion Flagg, Visiting Lecturer (June 30 to July 12).....		500
28. R. W. Milton, Visiting Lecturer (June 16 to June 28).....		500
29. Noah Knepper, Visiting Lecturer.....		I 000
		(\$25 578)

Nursery School

1. Theresa Peterson, Instructor and Acting Director.....		\$I 045
2. Ruth Clore, Instructor.....	$\frac{5}{7}$	581

	<i>Part-time</i>	<i>Salary</i>
3. Edith A. Matthews, Instructor.....	$\frac{5}{4}$	524
4. Jocelyn B. Swartz, Instructor.....	$\frac{5}{4}$	540
5. Mrs. Betty A. Dethlefs, Instructor.....	$\frac{5}{4}$	559
6. Marjorie F. Minthorn, Assistant Teacher.....	$\frac{5}{4}$	477
7. Dorothy E. L. Cole, Assistant Teacher.....	$\frac{5}{4}$	477
8. Mrs. Beverly P. Hooban, Assistant Teacher.....	$\frac{5}{4}$	477
9. Carol E. Foster, Assistant Teacher.....	$\frac{5}{4}$	477
		(\$5 157)

Philosophy

1. M. H. Fisch, Professor.....		\$1 956
2. J. A. Nicholson, Professor.....	I	527
3. F. L. Will, Associate Professor.....	I	527
4. A. R. Turquette, Associate Professor.....	I	285
		(\$6 295)

Physical Education for Men

1. D. R. Mills, Professor.....	$\frac{3}{4}$	\$ 445
2. C. K. Brightbill, Professor.....	2	223
3. T. K. Cureton, Professor.....	$\frac{1}{2}$	I 045
4. H. S. Hoyman, Professor.....	2	067
5. C. O. Jackson, Professor.....	$\frac{3}{4}$	806
6. Raymond Eliot, Associate Professor.....	$\frac{3}{4}$	445
7. H. A. Combes, Assistant Professor.....	$\frac{3}{4}$	267
8. A. E. Florio, Assistant Professor.....		I 400
9. A. W. Hubbard, Assistant Professor.....		I 356
10. R. E. Shelton, Assistant Professor.....	$\frac{1}{3}$	404
(See Speech—Summer Residential Clinic).....		(202)
(Total Salary).....		(606)
11. A. H. Seidler, Instructor.....	$\frac{3}{4}$	245
12. T. J. Nugent, Instructor.....	$\frac{3}{4}$	700
13. W. D. VanHuss, Assistant.....	$\frac{1}{2}$	373
14. R. H. Rochelle, Assistant.....	$\frac{3}{4}$	373
15. R. K. Houston, Assistant.....	$\frac{3}{4}$	134
16. C. C. Luther, Assistant.....	$\frac{3}{4}$	134
17. E. I. Marx, Assistant.....	$\frac{3}{4}$	134
18. C. W. Thompson, Assistant.....	$\frac{3}{4}$	134
		(\$12 685)

Physical Education for Women

1. Carita Robertson, Associate Professor.....	$\frac{3}{4}$	\$ 967
2. Mrs. Doris L. Bullock, Instructor.....		945
3. Beulah Drom, Instructor.....	$\frac{1}{4}$	228
4. Mrs. Lorraine Nielsen, Assistant.....		636
5. Lillian Hite, Assistant.....	$\frac{1}{4}$	184
		(\$2 960)

Physics

1. R. F. Paton, Associate Professor.....		\$1 489
2. R. D. Rawcliffe, Assistant Professor.....	I	489
3. J. N. Snyder, Assistant Professor.....	I	156
4. Giulio Ascoli, Instructor.....		I 023
5. E. B. McNeil, Instructor.....		934
6. _____, Assistant.....	$\frac{3}{4}$	294
7. _____, Assistant.....	$\frac{1}{4}$	196
8. _____, Assistant.....	$\frac{1}{3}$	196
9. _____, Assistant.....	$\frac{1}{3}$	196
10. T. D. Lee, Visiting Lecturer.....	I	200
		(\$8 173)

Physiology

1. F. R. Steggerda, Professor.....		\$1 578
2. A. B. Taylor, Associate Professor.....	I	274

	Part-time	Salary
3. P. A. Stewart, Instructor		845
4. Donald Beyer, Assistant		674
5. _____, Assistant	¾	287
6. _____, Assistant	¾	430
7. _____, Assistant	¾	430
		(\$5 518)

Political Science

1. F. G. Wilson, Professor		\$2 067
2. Phillip Monypenny, Assistant Professor	I	112
3. Jack Peltason, Assistant Professor	I	067
4. J. A. Ranney, Assistant Professor		945
5. N. F. Garvey, Assistant Professor	¾	245
6. J. A. Jarvis, Assistant	¾	289
		(\$5 725)

Psychology

1. O. H. Mowrer, Research Professor		\$2 278
2. G. D. Higginson, Professor	I	623
3. R. Elizabeth Brown, Assistant Professor	I	185
4. G. J. Wischner, Assistant Professor	I	167
5. H. A. Grace, Assistant Professor	I	067
6. P. V. Marchetti, Assistant Professor	I	056
7. _____, Assistant	¾	267
		(\$8 643)

Social Work

1. W. P. Simon, Associate Professor		\$1 614
2. D. Katharine Rogers, Assistant Professor	I	195
3. H. B. Hollenbeck, Assistant Professor	¾	550
4. Marjorie W. Main, Assistant Professor	¾	506
		(\$3 865)

Sociology and Anthropology

1. D. R. Taft, Professor		\$1 712
2. B. F. Timmons, Associate Professor	I	489
3. J. E. Hulett, Jr., Associate Professor	I	423
4. J. C. McGregor, Associate Professor	I	423
5. Robert Dubin, Associate Professor	¾	711
(See Business Organization and Operation)		(712)
(Total Salary)		(I 423)
6. Richard Dewey, Associate Professor	I	267
7. E. A. Ahrens, Assistant Professor	I	156
8. Max Kaplan, Instructor	¾	444
(See Music)		(445)
(Total Salary)		(889)
		(\$9 625)

Spanish and Italian

1. H. R. Kahane, Professor	¾	\$ 789
2. Angelina R. Pietrangeli, Associate Professor	I	222
3. J. H. D. Allen, Associate Professor	I	178
4. J. S. Flores, Assistant Professor	I	178
5. Mrs. Albertine W. Osgood, Assistant Professor	¾	717
(See Student Counseling Bureau)		(239)
(Total Salary)		(950)
6. Mrs. Verna R. Townsend, Assistant	¾	467
7. _____, Assistant	¾	145
8. _____, Assistant	¾	336
9. _____, Assistant	¾	289
		(\$6 321)

Speech		Part- time	Salary
1. K. R. Wallace, Professor and Head of Department.....		½	\$1 076
2. B. W. Hewitt, Professor.....		I	712
3. Severina Nelson, Professor.....		½	717
(See Speech—University Speech Clinic).....			(717)
(Total Salary).....			(I 434)
4. E. T. Curry, Associate Professor.....		I	467
5. J. C. Kelly, Associate Professor.....		I	267
6. K. A. Windesheim, Associate Professor.....		½	634
7. L. S. Hultzén, Associate Professor.....		½	628
8. O. A. Dieter, Associate Professor.....		½	600
9. C. B. Owens, Assistant Professor.....		½	574
10. H. E. Gulley, Assistant Professor.....		½	546
(See Speech—Summer Debaters Youth Workshop).....			(547)
(Total Salary).....			(I 093)
11. H. L. Mueller, Assistant Professor.....		½	527
12. J. W. Scott, Assistant Professor.....		½	567
(See Speech—University and Summer Youth Theater Program)			(567)
(Total Salary).....			(I 134)
13. Clara Behringer, Instructor.....		½	412
(See Speech—University and Summer Youth Theater Program)			(411)
(Total Salary).....			(823)
14. G. W. McKinney, Instructor.....		½	334
(See Speech—University and Summer Youth Theater Program)			(333)
(Total Salary).....			(667)
15. Ned Donahoe, Assistant.....		½	389
(See Speech—University and Summer Youth Theater Program)			(389)
(Total Salary).....			(778)
16. Margaret Clifford, Visiting Lecturer.....		I	000
			(\$12 450)

Speech—University and Summer Youth Theater Program

1. C. H. Shattuck, Associate Professor.....	½	\$ 683
(See English).....		(684)
(Total Salary).....		(I 367)
2. J. W. Scott, Assistant Professor.....	½	567
(See Speech).....		(567)
(Total Salary).....		(I 134)
3. Clara Behringer, Instructor.....	½	411
(See Speech).....		(412)
(Total Salary).....		(823)
4. Mary Arbenz, Instructor.....	½	445
5. G. W. McKinney, Instructor.....	½	333
(See Speech).....		(334)
(Total Salary).....		(667)
6. Ned Donahoe, Assistant.....	½	389
(See Speech).....		(389)
(Total Salary).....		(778)
7. Genevieve Richardson, Assistant.....		734
8. _____, Assistant.....	½	267
9. _____, Assistant.....	½	267
10. _____, Assistant.....	½	267
11. _____, Assistant.....	½	267
12. _____, Assistant.....	½	267
13. _____, Assistant.....	½	267
14. _____, Assistant.....	½	267
		(\$5 431)

Speech—Summer Debaters Youth Workshop

1. H. E. Gulley, Assistant Professor.....	½	\$ 547
(See Speech).....		(546)
(Total Salary).....		(I 093)

	<i>Part-time</i>	<i>Salary</i>
2. W. E. Brockriede, Assistant.....	$\frac{1}{2}$	287
3. T. E. Finfgeld, Assistant.....	$\frac{1}{2}$	267
4. _____, Visiting Lecturer.....	$\frac{1}{2}$	375
		(\$1 476)

Speech — University Speech Clinic

1. Severina Nelson, Professor.....	$\frac{1}{2}$	\$ 717
(See Speech).....		(717)
(Total Salary).....		(1 434)
2. Ida Levinson, Instructor.....		894
3. Mrs. Marie Shere, Instructor.....		945
4. Mrs. Naomi Hunter, Instructor.....		869
		(\$3 425)

Speech — Summer Residential Clinic

1. R. E. Shelton, Assistant Professor, Swimming Supervisor.....	$\frac{1}{2}$	\$ 202
(See Physical Education for Men).....		(404)
(Total Salary).....		(606)
2. L. W. Olson, Instructor, Coordinator.....		867
3. 20 Assistants (Paid from Division of Services for Crippled Children).....	$\frac{1}{2}$	(5 340)
4. Richard Brett, Visiting Lecturer.....		750
		(\$1 819)

Student Counseling Bureau

1. J. A. Henry, Counselor, Professor of Mechanical Engineering.....	$\frac{1}{2}$	\$ 700
2. Frank Costin, Counselor, Assistant Professor of Psychology.....	1	156
3. Mrs. Albertine W. Osgood, Counselor, Assistant Professor of Spanish.....	$\frac{1}{2}$	239
(See Spanish and Italian).....		(717)
(Total Salary).....		(956)
4. Dorothy F. Durrell, Counselor, Instructor in Home Economics.....	$\frac{1}{2}$	434
5. I. W. Cole, Counselor, Assistant in Journalism and Communications.....	$\frac{1}{2}$	411
(See Journalism and Communications).....		(412)
(Total Salary).....		(823)
		(\$2 940)

Theoretical and Applied Mechanics

1. W. L. Collins, Professor.....	$\frac{1}{2}$	\$ 762
2. W. M. Lansford, Professor.....	$\frac{1}{2}$	817
3. J. O. Smith, Professor.....	$\frac{1}{2}$	945
4. W. E. Black, Associate Professor.....	$\frac{1}{2}$	673
5. P. G. Jones, Associate Professor.....	$\frac{1}{2}$	695
6. R. L. Brown, Assistant Professor.....	$\frac{1}{2}$	545
7. M. E. Clark, Assistant Professor.....	1	000
8. H. T. Corten, Assistant Professor.....	1	045
9. H. M. Fitch, Assistant Professor.....	1	145
		(\$7 627)

Zoology

1. F. B. Adamstone, Professor and Head of Department.....		\$2 045
2. M. R. Matteson, Assistant Professor.....	1	112
3. J. B. Kitzmiller, Assistant Professor.....	1	023
4. R. E. Ogren, Assistant.....	$\frac{1}{2}$	287
5. _____, Assistant.....	$\frac{1}{2}$	287
6. _____, Assistant.....	$\frac{1}{2}$	287
		(\$5 041)

Sub-total, Urbana-Champaign..... \$511 356

Unassigned Salaries (to be assigned by the Dean of the Summer Session when enrollments require additional staff)..... 3 644

Total, Summer Session, Urbana-Champaign..... \$515 000

CHICAGO UNDERGRADUATE DIVISION

Biological Sciences

	<i>Part-time</i>	<i>Salary</i>
1. D. L. Hopkins, Professor		\$1 689
2. William Sangster, Assistant Professor	I	256
3. K. M. Madison, Assistant Professor	I	134
4. A. S. Rouffa, Assistant Professor	I	100
5. Max C. Shank, Instructor		934
		(\$6 113)

Commerce and Business Administration

1. W. D. Grampp, Associate Professor of Economics		\$1 467
2. Samuel Fox, Assistant Professor of Business Law	I	367
3. C. H. Gillett, Assistant Professor of Economics	I	323
4. Sarah M. Kabbes, Instructor in Accountancy	I	156
5. W. J. Dunne, Instructor in Economics	$\frac{3}{4}$	925
6. J. R. Morris, Instructor in Economics		989
7. C. M. Larson, Instructor in Economics	$\frac{1}{2}$	489
(See Student Counseling Bureau)		(489)
(Total Salary)		(978)
8. A. J. Schneider, Instructor in Accountancy		923
9. Dorothy Eggebrecht, Instructor in Accountancy		889
10. Mrs. Winifred Gelderd, Instructor in Economics		867
11. Dick C. Ross, Assistant in Economics		734
		(\$11 129)

Education

1. A. D. Pickett, Assistant Professor	$\frac{3}{4}$	\$ 627
2. I. K. Feinstein, Instructor	$\frac{1}{2}$	506
		(\$1 133)

Engineering

1. A. F. Silkett, Instructor in Physics		\$1 156
2. G. J. Zanotti, Instructor in General Engineering Drawing	I	134
3. H. M. Skadeland, Instructor in Physics	I	112
4. H. J. Johnson, Instructor in Physics		1034
5. O. L. Railsback, Professor and Head of Department of Physics	$\frac{1}{2}$	900
6. Mae A. Driscoll, Instructor in Physics		889
7. R. M. Price, Assistant Professor of Physics	$\frac{1}{2}$	750
		(\$6 975)

Humanities

1. W. M. Schuyler, Assistant Professor		\$1 367
2. J. B. Fuller, Assistant Professor	$\frac{3}{4}$	771
3. Helen J. Hovde, Instructor	I	089
4. Mrs. Willie N. Love, Instructor	I	089
5. F. S. Johnson, Instructor		1 080
6. Mildred J. Richey, Instructor	$\frac{3}{4}$	672
7. A. J. Hartoch, Instructor		1 000
8. Harriet E. Cowles, Instructor	$\frac{3}{4}$	660
9. Mrs. Ilse E. Neumann, Instructor		923
10. R. L. S. Cassell, Instructor		912
11. Mrs. Frances M. Goulson, Instructor	$\frac{5}{8}$	741
12. Mrs. Clara S. Skogen, Instructor		889
13. Maurita F. Willett, Instructor		867
14. I. M. Miller, Instructor		834
15. Mrs. Rena M. Williams, Instructor		800
16. Mrs. Eleanor K. Hipple, Instructor		767
		(\$14 461)

Mathematics

1. M. C. Hartley, Assistant Professor		\$1 323
2. C. E. Olsen, Instructor	I	089
3. Mrs. Madeleine P. Grenard, Instructor	I	023

	<i>Part-time</i>	<i>Salary</i>
4. L. L. Pennisi, Instructor.....		967
5. Mrs. Alice F. Iverson, Instructor.....	$\frac{5}{6}$	797
6. Rose L. Hornacek, Instructor.....		923
7. Grace M. Nolan, Instructor.....		923
8. T. B. Ondrak, Instructor.....	$\frac{5}{6}$	717
9. N. C. Scholomiti, Instructor.....		840
		(\$8 602)

Physical Education

1. S. L. Fordham, Instructor.....		\$ 856
2. L. L. Gedvilas, Instructor.....		800
3. B. W. Montcalm, Instructor.....		800
4. C. J. Kristufek, Assistant.....	$\frac{1}{2}$	334
5. Nancy Richardson, Assistant.....	$\frac{1}{2}$	334
6. Dorothy J. Mart, Assistant.....	$\frac{1}{2}$	334
		(\$3 458)

Physical Science

1. C. R. Meloy, Associate Professor.....		\$1 645
2. B. B. Freud, Visiting Professor.....	I	434
3. B. J. Babler, Associate Professor.....	I	434
4. Roy Huitema, Assistant Professor.....	I	323
5. J. V. Mansfield, Assistant Professor.....	I	500
6. C. K. Hunt, Assistant Professor.....	I	200
7. Jeannette M. Zeimer, Instructor.....	$\frac{1}{2}$	462
8. Mrs. Martha H. Mackin, Instructor.....	$\frac{1}{2}$	445
(See Student Counseling Bureau).		(444)
(Total Salary).....		(889)
9. Paul Burkholder, Instructor.....		823
10. G. I. Sackheim, Instructor.....	$\frac{5}{6}$	686
11. Lillian M. Questiaux, Instructor.....	$\frac{1}{2}$	412
12. T. E. Van Dam, Instructor.....		812
13. Jeanne A. Kiley, Instructor.....		812
14. Mrs. Miriam F. Quetsch, Instructor.....		767
15. Alice R. Sackheim, Instructor.....	$\frac{2}{3}$	512
		(\$14 267)

Social Sciences

1. H. W. Barber, Associate Professor.....		\$1 434
2. A. D. Cutshall, Associate Professor.....		I 389
3. E. A. Lipman, Associate Professor.....		I 389
4. D. J. Morris, Associate Professor.....		I 367
5. P. P. Klassen, Associate Professor.....		I 367
6. S. L. Jones, Assistant Professor.....		I 100
7. Louis Unfer, Assistant Professor.....		I 056
8. Monica H. Kusch, Instructor.....		I 012
9. B. C. McCall, Instructor.....		I 007
10. S. T. Gabis, Instructor.....		945
11. Ann E. Heilman, Assistant Professor.....	$\frac{2}{3}$	704
12. Mrs. Mildred I. Finney, Instructor.....	$\frac{2}{3}$	641
13. Adrian Corcoran, Instructor.....	$\frac{2}{3}$	519
14. Anna G. Pickens, Visiting Lecturer.....	$\frac{1}{2}$	450
15. R. R. Page, Instructor.....	$\frac{1}{2}$	389
(See Student Counseling Bureau).		(389)
(Total Salary).....		(778)
		(\$14 769)

Student Counseling Bureau

1. W. C. Jackman, Staff Counselor.....	$\frac{1}{2}$	\$ 545
2. C. M. Larson, Staff Counselor.....	$\frac{1}{2}$	489
(See Commerce).....		(489)
(Total Salary).....		(978)
3. Ogden Livermore, Staff Counselor.....	$\frac{1}{2}$	600

	Part-time	Salary
4. Mrs. Martha H. Mackin, Staff Counselor.....	½	444
(See Physical Sciences).....		(445)
(Total Salary).....		(889)
5. R. R. Page, Staff Counselor.....	½	389
(See Social Sciences).....		(389)
(Total Salary).....		(778)
		(\$2 467)
<i>Sub-total, Chicago Undergraduate Division</i>		\$83 374
Unassigned (to be assigned by the Dean of the Undergraduate Division when enrollments require additional staff).....		4 059
		\$87 433

CHICAGO PROFESSIONAL COLLEGES

Bacteriology

1. W. I. Taylor, Assistant Professor.....	\$1 067
<i>Total, Summer Session, Chicago Undergraduate Division and Chicago Professional Colleges</i>	\$88 500

LEAVE OF ABSENCE FOR PROFESSOR GORDON N. RAY

(2) Professor Gordon N. Ray, Head of the Department of English, has requested a leave of absence without pay for the academic year 1952-1953 so that he may accept an appointment as a Visiting Professor at New York University. He has been invited to be the first occupant of the newly created "Henry W. and Albert A. Berg Chair of English and American Literature" at New York University.

I have approved this leave and request confirmation of my action. I also recommend that

Dean Henning Larsen of the College of Liberal Arts and Sciences be appointed Acting Head of the Department of English for the academic year 1952-1953. He was head of that department before he became dean.

Professor A. Lionel Stevenson, Head of the Department of English at the University of Southern California, be appointed Visiting Professor of English for the academic year 1952-1953 at a salary of \$9,500. He is a distinguished authority on the English novel and the Victorian period in English literature, which is in Professor Ray's field of teaching and scholarship. He will take over the latter's courses, and will also do other teaching during the year.

On motion of Mr. Herrick, this leave was confirmed and the appointments recommended were approved.

APPOINTMENTS TO THE FACULTY AND TO NONACADEMIC STAFF

(3) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. KENNETH ARTHUR BUSH, Assistant Professor of Mathematical Statistics, Department of Mathematics, beginning September 1, 1952, at an annual salary of \$5,700 (D).

2. MARVIN FRANKEL, Research Assistant Professor, in the Bureau of Economic and Business Research, beginning April 16, 1952, at an annual salary of \$6,000 (DY).

3. SHERMAN PAUL, Assistant Professor of English, beginning September 1, 1952, at an annual salary of \$5,300 (D).

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper level responsibility:

1. JOHN L. ALLEN, Chief X-Ray Technician, Research and Educational Hospitals, Chicago, beginning February 7, 1952, at a salary of \$4,140 per year.

2. JAMES EDWARD HARMON, Junior Assistant to Legal Counsel, beginning February 20, 1952, at a salary of \$4,200 per year.

3. MARY ELIZABETH JONES, Secretary to the Dean, College of Commerce and Business Administration, beginning February 1, 1952, at a salary of \$4,600 per year.

4. ELSA B. MATHIS, Assistant Food Production Manager, Illini Union, beginning March 17, 1952, at the rate of \$2,025 per year ($\frac{3}{4}$ time).

5. RAY E. MURRAY, Architectural Superintendent, Chicago Physical Plant, beginning March 3, 1952, at the rate of \$7,200 per year.

6. HAROL H. NEES, Assistant to the Superintendent of Buildings and Grounds, beginning February 1, 1952, at the rate of \$5,500 per year.

7. ANNA MARIE SCHICHT, Dietitian, Research and Educational Hospitals Dietary Department, beginning February 18, 1952, at a salary of \$3,216 per year.

On motion of Mr. Nickell, these appointments were confirmed.

CHANGE IN REQUIREMENTS FOR ADMISSION TO CURRICULUM IN INDUSTRIAL DESIGN

(4) The requirements for admission to the curriculum in Industrial Design in the College of Fine and Applied Arts include one and one-half units of algebra and one unit of plane geometry. The University Senate recommends that this requirement be discontinued effective September 1, 1952.

I concur.

On motion of Mr. Hickman, this recommendation was approved.

ASSIGNMENT OF UNIVERSITY HOUSING TO STUDENTS

(5) Assignments of quarters in the temporary housing for men and for married students are made in accordance with a policy adopted by the Board of Trustees on January 31, 1946. Since these buildings were secured from the United States Government for the housing of returning war veterans, we complied with the federal regulations then in effect. At that time there were more applicants for housing, especially for family quarters, than could be accommodated.

The buildings have now been given to the University and the federal regulations no longer govern their use. The policy, however, does not permit the Housing Division to assign family quarters to nonveterans even though units may be vacant and nonveterans may be in need of such facilities.

The Director of Housing, the Dean of Students, the Director of the Physical Plant, and the Comptroller recommend that the regulations governing temporary housing be revised as indicated below.

I concur.

Revised Regulations for Assignment of Temporary Family Housing Units

1. Veterans of the armed forces of the United States on terminal leave or final furlough or those holding an honorable discharge from some branch of the armed forces will be given preference in the assignment of housing units in this project.

2. Only those applicants will be considered who have previously been enrolled as students in the University of Illinois, or who have qualified for admission.

3. Residents of the state of Illinois or applicants registered in the University at the time they were called into the armed forces will be given preference in the assignment of housing units.

4. Married applicants will be given preference over those who are unmarried.

5. Families with children will be given preference over those without children.

6. Applicants who have established a satisfactory record in the University of Illinois will be given preference in the assignment of units.

7. Other factors being equal, married veterans with physical disabilities will be preferred over those who are not disabled.

8. Other factors being equal, older applicants will be given preference over those who are younger.

9. Length of military service will be considered in the assignment of houses.

10. Applications will be accepted beginning April 1 for housing during the summer session, July 1 for housing during the fall semester, and December 1 for housing during the spring semester.

11. In the final selection, the total qualifications of the applicant will be considered. Eligibility on the basis of any one criterion will not assure the assignment of a housing unit.

On motion of Mr. Nickell, these revised regulations were approved.

ACQUISITION OF LAND FOR CHICAGO PROFESSIONAL COLLEGES CAMPUS

(6) On June 25, 1949, the Board of Trustees authorized the acquisition of certain properties in Chicago needed for the expansion of the Chicago Professional Colleges campus. It was also recommended at that meeting that the Vice-President in charge of the Chicago Professional Colleges be authorized to negotiate with the Medical Center Commission to acquire land for subsequent transfer to the University.

The Commission has purchased for the University three properties not included in the acquisitions previously authorized by the Board. They are properties which the University needs:

<i>Location</i>	<i>Cost to Commission</i>
1825 West Taylor Street	\$ 780 49
1720 West Taylor Street	757 03
1722-24 West Taylor Street	1 513 76

The properties at 1720-24 West Taylor Street were needed as a construction yard by the contractor for the Medical Center Steam Plant. Since the completion of the Plant the construction building has been used for storage by the University.

These properties have been transferred to the University, and the Medical Center Commission has been reimbursed from the state appropriation made for land for the biennium of 1949-1951. At the time of this transaction the Board had not explicitly authorized by record vote, as required by the By-Laws, the acquisition of these properties. The Comptroller, therefore, requests confirmation of this transaction.

I concur.

On motion of Mr. Fornof, this transaction was confirmed by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Megran, Mr. Stevenson.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(7) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

From the General Reserve fund:

Department of Electrical Engineering, construction of equipment for research	\$15 000
Physical Plant Department, remodeling in Noyes Laboratory of Chemistry	20 000

From nonrecurring funds, Chicago Professional Colleges:

College of Dentistry, repair and rehabilitation of dental units	3 600
Department of Otolaryngology, equipment (electroencephalograph)	4 000
	<u>\$42 600</u>

I concur.

On motion of Mr. Nickell, these appropriations were made by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Megran, Mr. Stevenson.

CONTRACT FOR GRAIN STORAGE BUILDING AT WRIGHT FARM

(8) The Dean of the College of Agriculture and the Comptroller recommend award of a contract for \$3,735.88 to the Alexander Lumber Company, Shabbona, Illinois, the lowest bidder, for the construction of additional storage space for corn and small grain on Wright Farm No. 6 in DeKalb County.

Funds are available for the contract from farm income.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Grange, this contract was authorized.

REMODELING IN ADMINISTRATION BUILDING

(9) The Board of Trustees has made an appropriation for remodeling and relocation of offices in Illini Hall and in the Administration Building. Part of this is for remodeling on the second floor of the Administration Building (East) to provide more space for the Purchasing Division of the Business Office. The Comptroller and the Director of the Physical Plant recommend that the general work be done under the University's standing cost-plus contract with Clyde E. Gates, Champaign, for minor alterations and repairs for 1951-1952. The estimated cost is \$5,366.

I concur.

On motion of Mr. Johnston, this recommendation was approved.

**CHANGE IN CONTRACT FOR ARCHITECTURAL SERVICES ON
EAST DENTISTRY-MEDICINE-PHARMACY BUILDING**

(10) The change in plans for the construction of the East Dentistry-Medicine-Pharmacy Building, authorized by the Board of Trustees to keep the total cost of the Building within the state appropriation, required additional architectural services. On November 23 the Board authorized an increase of \$11,000 in the contract with Pace Associates for the additional work to cover actual costs, including services of designers and draftsmen, plus an overhead charge of 20 per cent. This was based on the best estimate that could be made of the cost of the additional work. Pace Associates now report that the actual cost of the additional work was \$16,582.27.

In the judgment of Physical Plant Department officers, all the additional work done by Pace Associates was necessary to complete the changes in plans and specifications. Accordingly, the Director of the Physical Plant and the Comptroller recommend an additional increase of \$5,582.27 in the contract with Pace Associates for architectural services. Funds are available in the state appropriation for this Building and have been released by the Governor.

I concur and recommend that the Comptroller be authorized to execute a change in this contract.

On motion of Mr. Johnston, this contract change was authorized.

**ASSIGNMENT OF CONTRACT WITH PERRY CONSTRUCTION
COMPANY, INC., FOR REMODELING WORK**

(11) The Perry Construction Company, Inc., Chicago, has a contract for \$77,950 for remodeling quarters in the Dentistry-Medicine-Pharmacy Building for the Department of Otolaryngology.

Mr. Russell Mansfield of this contracting firm is severing his association with it and as part of the severance agreement the Perry Construction Company, Inc., is assigning this contract, along with others, to him, including the one with the University.

The Director of the Physical Plant and the Comptroller recommend ac-

ceptance of the assignment. The form of the assignment has been checked and approved by the Legal Counsel's office. The Perry Construction Company, Inc., will remain as a contracting party and assumes jointly with Mr. Mansfield responsibility for the execution of the work. The bonding company has accepted both as co-principals under the bond.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

PATENTABLE DISCOVERIES

(12) The University Patent Committee submits the following reports and recommendations relating to potentially patentable discoveries:

1. Messrs. E. C. Jordan, H. D. Webb, and T. R. O'Meara of the Department of Electrical Engineering, in connection with their research on radio direction finding for the Office of Naval Research, have invented radio direction finding equipment which may be of interest to the armed services.

The personnel engaged in this research believe the invention would have little commercial value. Since this work was supported by the Office of Naval Research, the University Patent Committee recommends that the University declare its intention not to seek patent protection on the invention and to release all rights to the Office of Naval Research.

2. Professor H. F. Johnstone of the Division of Chemical Engineering has worked on some interesting modifications of a development designed for the recovery of sulphur dioxide from dilute gases.

Professors Adams and Marvel of the Department of Chemistry are both of the opinion that these inventions, which are improvements and not original developments, should not be patented by the University since no remuneration could be expected commensurate with the expense involved in securing patent coverage. At an earlier date the University secured twelve patents on processes for the recovery of sulphur dioxide, but these patents later proved of no value to the University. The University Patent Committee recommends that the University release the rights to the sulphur dioxide discoveries to the inventor.

3. Messrs. Grant Fairbanks and R. P. Jaeger of the Department of Speech and Dean W. L. Everitt of the College of Engineering have invented a device for time compression of acoustical signals which will make it possible to reproduce connected speech in less time than the original speaking time and still retain intelligibility and fidelity. This device appears to have sufficient utility to warrant patent coverage by the University.

The University Patent Committee has investigated the matter and recommends that the Board of Trustees authorize patent applications for the device and for general types of use in connection with radio broadcasting and civilian and military communication systems.

I concur.

On motion of Mrs. Holt, these recommendations were approved.

ILLINI FOREST PLANTATION

(13) The Department of Forestry is developing a tree plantation on forty acres of the McCullough Farm recently purchased by the University. The Department wishes to have this area designated as the "Illini Forest Plantation," and I so recommend.

On motion of Mr. Fornof, this recommendation was approved.

ANNUAL REPORT OF THE TREASURER

(14) In accordance with Article VI, Section 4, of the By-Laws of the Board of Trustees, the Treasurer of the University has submitted a report of receipts and disbursements of University funds for the period March 1, 1951, through February 29, 1952, certified by the Comptroller.

This report was received for record and a copy has been filed with the Secretary of the Board.

COMPTROLLER'S REPORT OF CONTRACTS

(15) The Comptroller's report of contracts executed during the period March 1 to 31, 1952.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Copper and Brass Research Association	Copper sheet study	\$24 750 00	March 10, 1952
Illinois Turkey Growers Association	Turkey disease study	785 00	January 15, 1952
Mallinckrodt Chemical Works	Anticonvulsants study	4 000 00	January 2, 1952
Merck & Co., Inc.	Calf nutrition study	2 500 00	March 24, 1952
Transparent Package Co.	Meat deterioration study	2 500 00	March 10, 1952
United States Army	DA-18-108-CML-2963	7 247 08	November 1, 1951
United States Army	DA-11-022-ORD-535	9 809 00	October 3, 1951
United States Army	DA-15-029-eng-4049	2 808 00	September 17, 1951
United States Army	DA-11-074-AV-901	Rates per contract	July 1, 1951
United States Air Force	AF 18 (600) — 116	5 946 00	December 18, 1951
United States Navy	N 6 ori — 07137	30 000 00	August 1, 1951
United States Navy	N 6 ori — 07138	10 112 00	December 1, 1951
Veterans Administration	V 3028V-1829	Rates per contract	January 30, 1952

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Harriette Ann Gray	Present modern dance concert on Urbana campus	\$ 400 00	March 10, 1952
Economy Plumbing and Heating Co.	Construct laundry courtyard drainage	802 00	February 16, 1952
Glen Jameson	Construct milking room on South Carter-Pennell Farm	2 400 00	January 15, 1952

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
City of Urbana	Extension of storm sewer—Springfield Avenue at Harvey Street to the Boneyard	\$ 1 00	March 12, 1952
City of Urbana	Extension of storm sewer intersection of Lincoln and Florida Avenues	1 00	March 12, 1952
Texas Illinois Natural Gas Pipeline Co.	Right of way agreement for pipeline on Robert Allerton Park	448 50	January 18, 1952
Mrs. Ernest E. Graves	Lease of snack bar at U. of I. Airport	Rate per contract	April 1, 1952

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
American Cyanamid Co.	Sulfonamides study	\$ 5 000 00	January 18, 1952
American Society of Heating and Ventilating Engineers	Physiological atmospheric environmental studies	4 882 00	August 27, 1951
Association of American Railroads and American Iron and Steel Institute	Failures in railroad rails study	22 000 00	December 21, 1951
Dawes Manufacturing Co.	Boiler production study	1 500 00	February 26, 1952
Merck and Co., Inc.	Unknown factors in nutrition study	5 000 00	March 20, 1952
Moorman Manufacturing Co.	Poultry nutrition study	1 500 00	March 10, 1952
Western Condensing Co.	Swine nutrition study	1 500 00	March 10, 1952
United States Army	DA-49-007-MD-17 (Modif. #3)	9 414 00	January 31, 1952
United States Air Force	AF 19 (122) — 5 (Modif. #10)	40 000 00	October 9, 1951

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
United States Air Force	AF 33 (038) — 19569 (Supp. #4)	4 000 00	October 24, 1951
United States Air Force	AF 33 (038) — 12880 (Supp. #6)	44 275 00	December 6, 1951
United States Air Force	W 33 (038) — ac — 14520 (Supp. #10)	60 000 00	December 15, 1951
United States Atomic Energy Commission	AT (11-1) — 67 (Proj. #4)	17 793 00	January 30, 1952
United States Atomic Energy Commission	AT (30-3) — 28 (Supp. #1)	25 000 00	December 12, 1951

Adjustments Made in 1950-1951 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. N. DeAtley (General work)	Noyes Laboratory—remodeling, renovation, and modernization	\$ 264 69	March 13, 1952
Reliable Plumbing and Heating Co.	Illini Hall—third floor remodeling	141 15 ¹	March 14, 1952
Schroeder's (Ventilation)	2 minor deduct items in the amount of \$6.92 and \$46.60	53 52 ¹	March, 1952
Square Deal Electric	4 minor deduct items from \$97.05 to \$231.61	621 07 ¹	March, 1952

Adjustments Made in 1951-1952 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	3 minor items from \$139.21 to \$3,435.51	\$3 881 65	March, 1952
Clyde E. Gates (General work)	2 minor items in the amounts of \$126.50 and \$2,790.34	2 916 84	February, 1952
Ervin G. Lindsey (Plastering)	18 minor items from \$1.08 to \$70.00	306 10	March, 1952
Reliable Plumbing and Heating Co.	4 minor items from \$263.52 deduct to \$1,835.00	1 960 32	March, 1952
Schroeder's (Ventilation)	2 minor items — \$46.15 deduct and \$194.43	148 28	March, 1952

This report was received for record.

INCREASE IN THE WORKING CASH FUNDS

(16) On July 1, 1948, the Board of Trustees authorized a Working Cash Fund of \$20,000 for the Chicago Professional Colleges and a similar fund of \$10,000 for the Chicago Undergraduate Division.

The volume of transactions at the Chicago Undergraduate Division and the increase of activities at the Chicago Professional Colleges makes it difficult to operate within these limits. The Comptroller recommends that the Working Cash Fund at the Chicago Undergraduate Division be increased to \$12,000 and the Fund at the Chicago Professional Colleges be increased to \$30,000.

I concur.

On motion of Mr. Johnston, this recommendation was approved.

PURCHASES

Purchases Authorized

(17) The following purchases were authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
30,000 copies Time Table, first semester 1952-1953, to be printed and bound	University Press	Interstate Printers and Publishers, Inc., Danville	\$5 587 00 f.o.b. Urbana
One 15" dual drive lathe complete including motor and controls, coolant system, steady rest, follow rest, telescopic taper attachment, and electric brake	Physics	R. K. LeBlond Machine Tool Co., Chicago	5 851 50 f.o.b. Cincinnati, Ohio
Multichannel tape duplicator to duplicate 11 recording tapes simultaneously from one master	University Broadcasting	Rawdon Smith Associates, Washington, D.C.	6 989 50 f.o.b. Washington, D.C.

On motion of Mr. Grange, these purchases were approved.

¹ Deduct.

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Items</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Rental of caps and gowns for use of graduates at June 1952 commencement	Committee on Commencement	Collegiate Cap and Gown Company, Champaign	\$4 637 50 (estimate)
English finish book paper: 250 reams 25 x 38 — 60 lb. 40 reams 25 x 38 — 50 lb. 80 reams 22 1/2 x 35 — 49 1/2 lb. 100 reams 25 x 38 — 60 lb. 40 reams 22 1/2 x 35 — 49 1/2 lb.	Office Supply Store	Dwight Brothers, Chicago	4 409 87 f.o.b. delivered
1,500,000 4 1/4 x 9 1/4 20 lb. white envelopes printed	Extension Service in Agriculture and Home Economics	Wolf Envelope Co., Cleveland, Ohio	3 750 00 f.o.b. Cleveland, Ohio
Movable glazed steel partitions to be furnished and installed in space assigned to the Purchasing Division in the Administration Building (East)	Physical Plant	Hugh J. Baker and Co., Indianapolis, Ind.	3 788 00 f.o.b. delivered and installed
One electronic diffraction unit (engineering model)	Chemistry	Radio Corporation of America, Camden, N.J.	8 280 00 f.o.b. factory
One horizontal milling machine with one HP motor, switch, arbors, chucks, dividing head and vertical milling attachment	Psychology	Peoria Tool & Engineering Co., Peoria	2 730 34 f.o.b. Chicago
Paintings (selected by Art Faculty from Contemporary American Paintings exhibit) "Mauve Still Life," by Samuel Adler "Assisi No. 1," by William Congdon "Table With Glasses and Roses," by Carlyle Brown "Pastorale," by Tom Benrimo "Late Again," by Carol Blanchard "The Motor," by Walter Murch "Personages Contemplating Birds," by Rufino Tamayo	Fine and Applied Arts	Grace Borgenicht Gallery, New York, N.Y. Betty Parsons Gallery, New York, N.Y. Catherine Viviano Gallery, New York, N.Y. Mr. Tom Benrimo, New Mexico Perla Galleries, Inc., New York, N.Y. Betty Parsons Gallery, New York, N.Y. M. Knoedler & Co., Inc., New York, N.Y. Total	680 00 600 00 720 00 1 500 00 480 00 800 00 2 800 00 (7 580 00)
500,000 multiple vitamin capsules	Hospital Pharmacy, Research and Educational Hospitals, Chicago Professional Colleges	Burroughs-Wellcome, Inc., Tuckahoe, N.Y.	4 250 00 f.o.b. delivered
Fire and extended coverage insurance, including automatic reinstatement coverage subject to 80 per cent coinsurance effective July 1, 1952, for five years in the amount of \$3,200,000 on the Illini Union Building, Urbana, with the term premium payable in equal annual installments and the University having the right to terminate the coverage at any time	Illini Union	C. A. Atwood, Champaign representing: General Ins. Co. Pearl Assurance Co. Northwestern National Ins. Co. Auto Owners Ins. Co.	7 808 00
40,000 copies, 1952-1953 Undergraduate Study Catalog to be printed and bound	University Press	Pantagraph Printing and Stationery Co., Bloomington	18 330 00 f.o.b. Bloomington
250 birch chairs, harvest finish (these chairs will replace Navy benches in student cafeteria)	Food Service, Undergraduate Division, Navy Pier	Marshall Field and Co., Chicago	3 080 40 f.o.b. delivered

On motion of Mr. Grange, these purchases were authorized.

BEQUEST OF NEAL D. REARDON

(18) The University has now received from Mr. C. C. Reardon, Executor, payment in full of the following bequest made by the late Neal D. Reardon of Delavan, Illinois:

"I direct that Five Thousand (\$5,000.00) Dollars be given in trust to the college of agriculture, University of Illinois, to found a scholarship, the income to be used annually or otherwise to assist some worthy student who may specialize in soil building, this fund to be known as the Bryan Reardon and Bryan Reardon, Jr. Scholarship in memory of my father and brother who lived as cultivators of Tazewell County, Illinois prairie land."

The Business Office was authorized to accept this bequest and I am now reporting it for record.

On motion of Mr. Johnston, acceptance of this bequest was confirmed.

GIFTS AND GRANTS RECEIVED BY THE UNIVERSITY

(19) The following gifts and grants of funds received by the University have been accepted by the President in accordance with the statutory procedure and are now being reported for official record.

*For the Colleges and Schools at Urbana-Champaign**A. Undergraduate Scholarships, Prizes, and Other Financial Aids*

1. Advertising Executives Club, Chicago, \$150 for a scholarship in journalism.
2. Air Foundation, Inc., Cleveland, Ohio, \$1,000 for four scholarships in aeronautical engineering.

3. Mr. Robert Allerton, Hawaii, \$800 for the continuation of the Robert Allerton Traveling Scholarships in Architecture for 1952.

4. The American Legion Auxiliary, Department of Illinois, \$1,000 for an Illinois American Legion Pan-American Scholarship for a one-year period of study at a Latin-American university to be awarded to a veteran who served in World Wars I or II or in Korea, or to a child of such a veteran, academic year 1952-1953. The purpose of the scholarship is to promote good will between Latin-American countries and the United States, to develop interest in educational exchanges, and to afford a veteran or the child of a veteran an opportunity to broaden his education. The recipient will be selected by the University Committee on Special Undergraduate Scholarships.

5. The Borden Company Foundation, Inc., New York, New York, \$3,000 to continue the annual Borden scholarship awards (\$300 each) in agriculture and home economics for five years from 1952.

6. Brook Hill Farms, Inc., Chicago, \$100 for the continuation of the Brook Hill Farms Scholarship in dairy technology.

7. Campus Chest, University of Illinois, undergraduate fund-raising organization, \$1,385 for undergraduate scholarships.

8. Ceco Steel Products Corporation, Cicero, \$4,000 for four scholarships of \$500 each in engineering for two years, 1952-1954.

9. Gulf, Mobile and Ohio Railroad Company, Jackson, Tennessee, \$2,200 for seven scholarships in agriculture and home economics for the academic year 1952-1953.

10. Elizabeth Hamilton Scholarship, through the University of Illinois Illini Achievement Fund, \$500 for continuation of a scholarship in medicine for the academic year 1951-1952.

11. Illinois Association for the Crippled, Inc., \$400 for scholarships in occupational therapy.

12. Illinois Federation of Women's Clubs, Third District, \$60 to be added to the Third District Fund for scholarships in occupational therapy.

13. Illinois Mining Institute, \$200 for scholarships in mining engineering for the academic year 1951-1952.

14. John Morse Memorial Foundation, Chicago, \$3,000 for six scholarships in mechanical and electrical engineering (\$500 each) for the academic year 1951-1952.

15. Junior Women's Advertising Club of Chicago, \$60 for a scholarship in journalism for the academic year 1951-1952.

16. Old Ben Coal Company, \$200 for scholarships in mining engineering for the academic year 1951-1952.

17. Peabody Coal Company, \$1,600 for eight scholarships (\$200 each) in mining engineering for the academic year 1951-1952.

18. Sigma Delta Chi Honorary Journalism Fraternity, \$400 for undergraduate scholarships.

19. Sinai Temple Congregation of Champaign-Urbana, \$50 for a scholarship in music.

20. University of Illinois Foundation, Urbana:

a. \$7,500 for Illini War Memorial Scholarships.

b. \$388.48 from the Class of 1951 for undergraduate scholarships.

21. Mr. William R. Mathews, Class of 1917, \$207 for student aid.

22. Mother's Association of the University, \$100 to needy students.

23. The Payne Fund, New York, New York, \$1,750 for continuation of communications awards.

24. Pi Beta Phi Local Alumni, \$100 to needy students.

25. Residents of Lincoln Avenue Residence Hall, \$200 to needy students.

26. Mr. and Mrs. Ansley W. Sawyer, Buffalo, New York, \$250 to the College of Fine and Applied Arts for making color plates of a painting by Vasileff.

27. Woman's Group System, \$500 to needy students.

Total, Undergraduate Scholarships, Prizes, and Other Financial Aid. \$31,100.48

B. Funds for Graduate Fellowships and Research

28. Allied Chemical and Dye Corporation, New York, New York, \$2,400 for renewal of two fellowships in chemistry (\$1,200 each) for the academic year 1951-1952.

29. Anonymous, \$2,500 for a fellowship to a foreign student, in the Department of Architecture, for the academic year 1952-1953.

30. Armour and Company, Chicago, \$3,000 for two fellowships in food technology (\$1,500 each) for the academic year 1952-1953.

31. Baroid Sales Division, National Lead Company, Houston, Texas, \$1,500 for renewal of a fellowship in geology for the academic year 1951-1952.

32. The California Company, New Orleans, Louisiana, \$1,250 for a fellowship in geology for the academic year 1952-1953.

33. Commercial Solvents Corporation, Terre Haute, Indiana, \$3,600 for a fellowship in chemistry for the academic year 1952-1953.

34. General Aniline & Film Corporation, New York, New York, \$1,395.63 for renewal of a fellowship in chemistry for the academic year 1951-1952.

35. Illinois Clay Products Company, Joliet, \$2,000 for renewal of a fellowship in geology for the academic year 1951-1952.

36. Lakefield Nepheline Syenite, Columbus, Ohio, \$1,600 for renewal of a fellowship in ceramic engineering for one year beginning the second semester of the academic year 1950-1951.

37. Lindsay Light & Chemical Company, West Chicago, \$1,200 for renewal of a fellowship in chemistry, 1952-1953.

38. Monsanto Chemical Company, St. Louis, Missouri, \$2,000 for renewal of a fellowship in chemistry for the academic year 1951-1952.

39. Motorola Incorporated, Chicago, \$750 for renewal of the Galvin Fellowship in Electrical Engineering for the academic year 1952-1953.

40. Olin Industries, Inc., East Alton, \$2,000 for renewal of a fellowship in chemistry for the academic year 1952-1953.

41. The Edward Orton Jr. Ceramic Foundation, Columbus, Ohio, \$1,200 for renewal of a fellowship in ceramic engineering for the academic year 1951-1952, and \$600 for a fellowship for the second semester of 1951-1952.

42. Pan American Refining Corporation, Texas City, Texas, \$1,600 for renewal of a fellowship in chemical engineering for the academic year 1952-1953.

43. Pittsburgh Consolidation Coal Co., Library, Pennsylvania, \$1,800 for renewal of a fellowship in chemical engineering for the academic year 1951-1952.

44. Radio Corporation of America, New York, New York, \$2,700 for a fellowship in electrical engineering for the academic year 1951-1952.

45. Rohm and Haas Company, Philadelphia, Pennsylvania, \$1,200 for renewal of a fellowship in chemistry for the academic year 1951-1952.
46. St. Louis Regional Planning and Construction Foundation, \$500 for a fellowship in city planning, Department of Architecture, for the academic year 1952-1953.
47. Sinclair Refining Co., New York, New York, \$2,500 (\$900 plus \$1,600 unexpended balance) for renewal of a fellowship in chemistry, 1951-1952, and \$2,500 for renewal of a fellowship in chemistry, 1952-1953.
48. Socony-Vacuum Laboratories, Paulsboro, New Jersey, \$2,000 for renewal of a fellowship in chemistry for the academic year 1952-1953.
49. Standard Oil Company of Indiana, Chicago:
 - a. \$1,500 for renewal of a fellowship in chemical engineering, 1951-1952.
 - b. \$3,000 for renewal of a fellowship in chemistry, 1951-1953.
 - c. \$1,500 for renewal of a fellowship in mechanical engineering, 1951-1952.
50. Henry Strong Educational Foundation, Chicago, \$600 for renewal of a fellowship in physics, chemistry, or engineering for the academic year 1951-1952.
51. Titanium Alloy Manufacturing Division, National Lead Company, Niagara Falls, New York, \$2,000 for renewal of a fellowship in ceramic engineering for the academic year 1951-1952.
52. University of Illinois Library School Association, \$600 for the Katharine L. Sharp fellowship for the academic year 1951-1952.
53. The Visking Corporation, Chicago, \$2,750 for the continuation of a fellowship in chemistry for the second semester of 1951-1952 and the academic year 1952-1953, and \$2,000 for a fellowship in chemical engineering for the academic year 1952-1953.
54. Western Cartridge Company, Division of Olin Industries, East Alton, \$2,500 for a fellowship in chemistry for the academic year 1952-1953.
55. Westinghouse Educational Foundation, Pittsburgh, Pennsylvania, \$2,000 for renewal of a fellowship in electrical engineering for the academic year 1952-1953.
56. American Cyanamid Company, New York, New York, \$600 to the Department of Agronomy to continue study of the effect of chemicals on the defoliation of plants.
57. Chapman Chemical Company, Memphis, Tennessee, \$300 to the Department of Agronomy for research on defoliation of plants.
58. Columbia-Southern Chemical Corporation, Pittsburgh, Pennsylvania, \$500 to the Department of Agronomy for a study of weed control.
59. Dow Chemical Company, Midland, Michigan, \$1,500 to the Department of Agronomy for a study of herbicides.
60. The Engineering Foundation, New York, New York, \$8,600 for research on riveted and bolted structural joints by the Engineering Experiment Station in cooperation with the Research Council on Riveted and Bolted Structural Joints.
61. B. F. Goodrich Chemical Company, Cleveland, Ohio, \$400 to the Department of Horticulture for research on the control of diseases of certain crops.
62. John Simon Guggenheim Memorial Foundation, New York, New York, \$4,800 for research by Professors W. C. Rose, C. S. Vestling, H. G. Drickamer, and H. R. Snyder of the Department of Chemistry, to be paid in installments over a period of years. To date \$15,000 has been received. These are grants to the scientists named to assist them in their research.
63. Illinois Seed Producers Association, \$4,800 to the Department of Agronomy for corn research.
64. Inter-University Labor Education Committee, \$5,000 (funds supplied by the Ford Foundation) for participation of the Institute of Labor and Industrial Relations with other universities in labor education programs.
65. Merrill Foundation for Advancement of Financial Knowledge, Inc., New York, New York, \$20,000 to continue research on expectations and business fluctuations under the supervision of Professor H. R. Bowen.
66. Mrs. C. Phillip Miller, Chicago, \$979.20 to be added to the Sinissippi Forest Trust Fund in support of forestry research.
67. National Livestock and Meat Board, \$3,000 to the Department of Physiology for a study of calcium phosphorus requirements.
68. Ortho Research Foundation, Raritan, New Jersey, \$1,000 to the Department of Physiology to continue a study of calcium utilization by human subjects.

69. Public Service Company of Northern Illinois, \$2,250 for research by the Agricultural Experiment Station on the application of electricity to field operations.

70. The Rockefeller Foundation, New York, New York:

a. \$9,150 for a study of the problems of training personnel for popular writing on the humanities in the media of mass communication to be conducted by Dean Wilbur Schramm of the Division of Communications.

b. \$40,000 to the Department of Entomology for research.

71. Tennessee Corporation Research Laboratories, \$400 to the Department of Horticulture for the development of fungicides.

72. United Engineering Trustees, Inc.:

a. \$6,384.25 for research on riveted and bolted structural joints, conducted in the Engineering Experiment Station in cooperation with the Research Council on Riveted and Bolted Structural Joints.

b. \$600 contribution to the cost of publishing Bulletin No. 399, presenting the results of an investigation on reinforced concrete columns.

73. United States Public Health Service:

a. \$13,228 for a quantitative comparison of two types of psychotherapy, in the Department of Psychology, under the supervision of Professor O. Hobart Mowrer, for one year beginning September 1, 1951 (M-422R).

b. \$8,977 to determine the nitrification phase of the biochemical oxygen demand test, in the State Water Survey Division and Department of Chemistry, under the supervision of Professor Arthur M. Buswell, for one year beginning September 1, 1951 (RG-2141-C2).

c. \$10,800 for a study of the nature, cause, and control of housefly resistance to insecticides, in the Department of Entomology, under the supervision of Professor G. C. Decker, for one year beginning September 1, 1951 (RG-2623-C).

d. \$14,519 for training in clinical psychology, Department of Psychology, under the supervision of Professor Lawrence O'Kelly, for one year beginning July 1, 1951 (2M-5089-C4).

e. \$4,924 to determine factors affecting the concentration of free amino acids in animal tissues, in the Department of Chemistry, under the supervision of Dr. L. M. Henderson, for one year beginning September 1, 1951 (RG-2674-C).

f. \$9,646 for studies of the inositol lipids of plant and animal tissues, in the Department of Chemistry, under the supervision of Professor H. E. Carter, for one year beginning September 16, 1951 (RG-2031-C2).

g. \$7,560 to determine the basic nutrition of virulent insects, in the Department of Entomology, under the supervision of Professor Gottfried S. Fraenkel, for one year beginning September 1, 1951 (RG-2075-C).

h. \$6,190 to determine the effect of high temperatures on the inactivation of enzymes and on the destruction of microorganisms and some of the physical-chemical properties of milk and cream, in the Department of Food Technology, under the supervision of Professor Paul H. Tracy, for one year beginning July 1, 1951 (RG-1947-C).

i. \$28,910 for a preschool project for young mentally handicapped children, under the supervision of Professor Samuel A. Kirk, College of Education, for one year beginning October 1, 1951 (MH-274-C).

j. \$34,909 to indicate empirically promising psychological instruments and designs for screening out persons in need of clinical or hospital care, under the supervision of Professor L. L. McQuitty, Department of Psychology, for one year beginning July 1, 1951 (MHS-17-C).

k. \$15,500 for the extension of personality structure investigation, in terms of objective test factor measures, to children, under the supervision of Professor Raymond B. Cattell, Department of Psychology, for one year beginning September 1, 1951 (MH-80C3).

l. \$8,000 to discover the relations between mental health and the social structure of the work situation, under the supervision of Dr. Robert Dubin, Department of Sociology, for one year beginning February 1, 1952 (M-484).

m. \$6,255 to determine the characteristics of development sites of flood water mosquitoes in order to obtain information that will provide a rational basis for abatement procedures, under the supervision of Professor William B. Horsfall, Department of Entomology, for one year beginning February 1, 1952 (G-3356).

74. Young & Rubicam, Inc., New York, New York, \$2,000 for research in experimental semantics by the Institute of Communications Research.

Total, Graduate Fellowships and Research.....\$340,327.08

C. Gifts of Equipment, Works of Art, and Library Materials

75. Mr. Robert Allerton, Hawaii, four paintings by Rainey Bennett for Allerton House.

76. Mr. B. H. Bunn, Chicago, Bunn Package Tying Machine for University mailing service.

77. Mrs. Justus L. Johnson, Aurora, to the Department of Ceramic Engineering, a collection of Nineteenth-Century American clear pressed glassware.

78. Mr. Samuel M. Kootz, New York, New York, two modern paintings by Alexander Calder and George L. K. Morris.

79. Mr. Roy R. Neuberger, New York, New York, a painting "Bouquet With March," by Milton Avery.

80. Mr. George E. Sorensen, Class of 1931, Bridgeport, Connecticut, a micrometer to the Department of Mechanical Engineering for measuring center-to-center distances. (Estimated value, \$165.)

Total, Urbana-Champaign\$371,427.56

For the Chicago Professional Colleges

A. Funds Received from Private Industries, Foundations, Other Organizations, and Government Agencies for Research and Graduate Study

81. Abbott Research Laboratories, North Chicago:

a. \$2,000 for continuation of anesthesia research, in the Department of Surgery, under the direction of Dr. Max S. Sadove, for one year beginning December 1, 1951.

b. \$500 for studies in cholecystokinin and secretin, in the Department of Clinical Science, under the supervision of Dr. Leon L. Gershbein, for one year beginning July 1, 1951.

82. Armour Laboratories, Chicago:

a. \$3,600 for continuation of research on the eosinophile producing factor in liver, in the Department of Medicine, under the supervision of Dr. Robert M. Kark, for one year beginning July 1, 1951.

b. \$3,300 for the continuation of a study on hematology, in the College of Medicine, for one year beginning November, 1950.

83. Clay Adams Company, Inc., New York, New York, \$300 for use in photography of subject matter in the Department of Bacteriology, under the supervision of Dr. John E. Kempf.

84. Commercial Solvents Corporation, Terre Haute, Indiana, \$11,000 for a study of the effect of oral administration of glucurone on patients with rheumatoid and osteoarthritis, in the College of Medicine, under the supervision of Dr. Irving E. Steck, for one year beginning October 1, 1951.

85. Davis and Geck, Inc., Brooklyn, New York, \$500 for support of film work by Dr. Hilger P. Jenkins in the Department of Surgery.

86. Gillette Safety Razor Company, Boston, Massachusetts, \$20,000 for a study of the role of sulfhydryl groups in metabolism, in the Department of Clinical Science, under the supervision of Dr. Leon L. Gershbein, for one year beginning September 1, 1951.

87. Hoffman-LaRoche, Inc., Nutley, New York, \$4,800 for renewal of a fellowship in the Department of Pharmacology, College of Medicine, under the supervision of Dr. C. C. Pfeiffer, for one year beginning September 1, 1951.

88. Mallinckrodt Chemical Works, St. Louis, Missouri, \$4,000 for a fellowship in the Department of Pharmacology, under the supervision of Dr. Carl C. Pfeiffer, for one year beginning January 1, 1951.

89. Charles Pfizer and Company, Brooklyn, New York, \$6,000 for work of investigative nature in infectious diseases, preventive medicine, and related fields, in the College of Medicine, under the supervision of Dr. Harry F. Dowling.

90. Sharp and Dohme, Glenolden, Pennsylvania, \$5,500 for research on action of relaxant agents on skeletal muscle, in the Department of Pharmacology, under the supervision of Dr. Klaus R. W. Unna, for one year beginning October 1, 1951.

91. Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania, \$9,350 for investigation on the nature of muscular relaxation to be carried out with the aid of known and newly synthesized drugs, in the Department of Pharmacology, under the direction of Dr. Klaus R. W. Unna, for one year beginning August 1, 1951.
92. The Upjohn Company, Kalamazoo, Michigan, \$1,400 for a study on adrenal cortex extract and hair growth, in the Department of Dermatology, under the supervision of Dr. Theodore Cornbleet.
93. Arthritis and Rheumatism Foundation, Chicago, \$2,000 for continuation of Arthritis and Rheumatism Foundation research, in the Department of Medicine.
94. Lakeland Foundation, Chicago:
- a. \$10,600 for research on attempt to isolate the growth stimulating and inhibiting agents from the liver or intestinal mucosa, in the Department of Clinical Science, under the supervision of Dr. A. C. Ivy, for one year beginning July 1, 1951.
- b. \$600 for research to evaluate and develop Gruskin's diagnostic cancer antigen.
95. National Foundation for Infantile Paralysis, \$12,000 for the support of educational programs in the Division of Services for Crippled Children.
96. National Foundation for Medical Education, Inc., \$15,000 to the College of Medicine for research activities of students.
97. Pope Foundation, Inc., Chicago, \$18,688.61 for research to establish dynamic techniques for analysis of neuromuscular skeletal pathology, in the Department of Physical Medicine and Rehabilitation, under the supervision of Drs. H. W. Kendell and A. C. Ivy.
98. Teagle Foundation, Inc., New York, New York, \$8,000 for research in paralysis agitans, in the Department of Psychiatry, under the direction of Dr. Francis J. Gerty.
99. University of Illinois Foundation, Urbana, \$3,781.25 for research in the College of Dentistry.
100. American Medical Association, Chicago, \$500 for research on stereotaxic instrument for man, in the Department of Neurology and Neurological Surgery, under the supervision of Dr. Percival Bailey.
101. Chicago Heart Association:
- a. \$3,250 for a study of mechanisms of adenosine triphosphat induced contraction of isolated cardiac myofibrils, in the Rush Department of Pathology, Presbyterian Hospital, under the supervision of Dr. George M. Hass, for one year beginning July 1, 1951.
- b. \$7,500 for a study of pathogenesis and treatment of experimental renal hypertension, neurogenic hypertension, and experimental malignant hypertension, in the Department of Physiology, under the supervision of Dr. G. E. Wakerlin.
102. Drama Club of Evanston, \$250 for continuation of a fellowship in the Department of Orthopaedic Surgery, under the supervision of Dr. F. A. Chandler.
103. Illinois Federation of Women's Clubs, \$1,500 for the continuation of tumor research, in the Department of Surgery, under the supervision of Dr. D. P. Slaughter, for the period November 1, 1951, through June 30, 1952.
104. Kappa Alpha Theta Sorority, \$100 to be added to the Orthopaedic Surgery Gift Fund for Children, in the Department of Orthopaedic Surgery.
105. Public Service Company of Indiana, Plainfield, Indiana, \$1,000 to continue research on resuscitation, in the Department of Clinical Science, under the supervision of Dr. A. C. Ivy.
106. United Cerebral Palsy Association, Inc., New York, New York, \$10,000 for research on neuropharmacologic aspects of cerebral palsy, in the Department of Pharmacology, under the supervision of Dr. Klaus R. W. Unna; for one year beginning November 1, 1951.
107. United States Public Health Service:
- a. \$14,338.02 for continuation of a study of the neurophysiological basis of epilepsy, in the Department of Psychiatry, under the supervision of Dr. F. A. Gibbs, for one year beginning June 1, 1951 (B-1-C-3).
- b. \$12,905.13 for renewal of research on site of action in the central nervous system of drugs useful in spastic conditions, in the Department of Pharmacology, under the supervision of Dr. Klaus R. W. Unna, for one year beginning April 1, 1951 (B-28-C).

c. \$10,337 for continuation of a study of the cause of gastric cancer, in the Department of Clinical Science, under the supervision of Dr. A. C. Ivy, for one year beginning April 1, 1951 (C-317—C4).

d. \$7,185 for continuation of a study to ascertain dyes which stain gastric mucosa when taken orally, in the Department of Clinical Science, under the supervision of Dr. A. C. Ivy, for two years beginning June 12, 1950 (C-737—C2 and C3).

e. \$23,191 for a continuation of a study on the effects of betatron electron beam on bone and cartilage, in the Department of Radiology, for the period July 1, 1951, to December 31, 1952 (C-854—C2).

f. \$4,158 for a study of intrinsic tissue susceptibility of mice to carcinogenic stimuli resulting in development of pulmonary, ovarian and adrenal tumors, under the supervision of Dr. Arthur Kirschbaum, Department of Anatomy, for one year beginning July 1, 1951 (C-1542).

g. \$8,961 for research on (a) induction of leukemia and other neoplasms in mice and (b) experimental therapy of leukemia in mice, under the supervision of Dr. Arthur Kirschbaum, in the Department of Anatomy, for one year beginning July 1, 1951 (C-1543).

h. \$24,483.55 for renewal of the undergraduate training grant in cancer, under the supervision of Dr. D. P. Slaughter of the Department of Surgery, for one year beginning April 1, 1951 (CT-630—C3).

i. \$5,000 for continuation of the undergraduate cancer training program, under the supervision of Dr. Isaac Schour, of the Department of Histology (CT-663—C3).

j. \$8,000 for a study of the electrolyte change in protein anabolism during rapid rehabilitation from inanition, in the Department of Medicine, under the supervision of Dr. Robert M. Kark, for one year beginning September, 1951 (G-3274).

k. \$4,428 for continuation of a study on attempts to produce right and left ventricular failure in dogs, in the Rush Department of Pathology, under the supervision of Dr. George M. Hass, for one year beginning September 16, 1951 (H-432—C2).

l. \$7,371 for continuation of a study of experimental arteriosclerosis and atherosclerosis in young and old rabbits, in the Rush Department of Pathology, under the supervision of Dr. George M. Hass (H-452—C2).

m. \$15,641 for a study of endothelial permeability in ascites and edema as modified by therapy, in the Department of Medicine, under the direction of Dr. Robert M. Kark, for one year beginning September 16, 1951 (H-1029).

n. \$4,946 for a study of glomerulonephritis in inbred mice, in the Department of Anatomy, under the supervision of Dr. Arthur Kirschbaum, for one year beginning November 1, 1951 (H-1062).

o. \$12,030 for basic studies on cerebral palsy, in the Department of Psychiatry, under the supervision of Dr. W. S. McCulloch, for one year beginning September, 1951 (B-100).

p. \$7,110 for renewal of a grant in the Department of Surgery, under the supervision of Dr. Cornelius W. Vermeulen, for one year beginning July 1, 1951 (RG-2183—C).

q. \$17,162.60 for renewal of a grant in the Department of Psychiatry, under the supervision of Dr. David Shakow, for one year beginning July 1, 1951 (2M-5083—C-4).

Total, Funds from Private Industries, Foundations, Other Organizations, and Government Agencies for Research and Graduate Study.....\$354,267.16

B. Funds Received from Individuals

108. Anonymous:

a. To the Anonymous Gift Fund, Clinical Science, \$110.

b. For the improvement of teaching methods in Anatomy, \$100.

c. For Physical Medicine and Rehabilitation gifts, \$25.

d. For Occupational Therapy, \$10.

109. Mrs. K. Becker, \$22.85 to the Orthopaedic Gift Fund for Children.

110. Berkelhamer Family, \$100 for the annual Dr. Ralph C. Berkelhamer Scholarship award. (This scholarship was started in 1946.)

111. Dr. Frank C. Greider, \$500 to be added to the research program "Buechele and Greider Postgraduate," in the Department of Surgery.

112. Associates of Mr. Max E. Meyer, in memory of the Meyer's infant son, \$22.00 to be added to the Chandler Research Fund in the Department of Orthopaedic Surgery, College of Medicine.

113. William Allen Pusey Fund, \$1,200 to be used for the Quine Library of the Chicago Professional Colleges.

114. Estate of Elise Stein, to be designated the Frances Beck Hall Cancer Fund, \$6,900 for cancer research in the Department of Surgery, under the supervision of Dr. Warren H. Cole.

115. Mr. and Mrs. W. S. Weber, \$5 to be added to Cerebral Palsy Association basic studies, in the Department of Psychiatry, College of Medicine, under the supervision of Dr. A. F. Stein.

116. Mr. Victor S. Yarros, La Jolla, California, \$300 to be added to the Rachelle S. Yarros Scholarship Fund, in the College of Medicine.

Total, Funds Received from Individuals.....\$9,294.85

C. Gifts of Equipment or of Funds for Equipment

117. Women of the Rotary Club of Chicago, an Albee-Comper fracture table to the Department of Orthopaedic Surgery (\$1,500).

Total, Gifts of Equipment or of Funds for Equipment.....\$1,500.00

Total, Chicago Professional Colleges.....\$365,062.01

For the Chicago Undergraduate Division

118. Harnischfeger Corporation, Milwaukee, Wisconsin, \$100 for scholarships.

Total, Chicago Undergraduate Division.....\$100.00

Grand Total\$736,589.57

This report was received for record.

APPROPRIATION FOR DIXON SPRINGS EXPERIMENT STATION

(20) The operation of the Dixon Springs branch of the Agricultural Experiment Station is financed in part by income from sales of livestock and other products of the experimental program being carried on there. The income has exceeded the budget estimates for the current fiscal year, but expenditures have also been somewhat higher than anticipated. The Director of the Agricultural Experiment Station recommends that \$25,000 of excess receipts be appropriated to the Dixon Springs Experiment Station for operating expenses during the current fiscal year.

I concur.

On motion of Mrs. Holt, this appropriation was made by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herriek, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Megran, Mr. Stevenson.

CONTRACT FOR REPLACEMENT OF SIDEWALKS AT THE CHICAGO PROFESSIONAL COLLEGES

(21) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$2,990 to the Banner Construction Company, Chicago, the lowest bidder, for the construction of new sidewalks from the Medical Center Steam Company plant to the Staff Apartment Building for the Chicago Professional Colleges, now under construction. The old sidewalks were destroyed in the construction of a distribution line from the steam plant to the Apartment Building. Payment will be from funds available to the Physical Plant Department for the operation and maintenance of the steam plant.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Nickell, this contract was authorized.

LEASE OF NAVY PIER AND DRILL HALL

The leases between the Board of Trustees of the University of Illinois and the city of Chicago for the occupancy by the University of certain areas at Navy Pier and the Drill Hall adjacent to the Pier as quarters for the University of Illinois Undergraduate Division in Chicago expired on June 30, 1947. The leases include options giving the University the privilege of renewing for successive biennial periods up to June 30, 1951, and annually thereafter until June 30, 1954, provided that notice is given the city of Chicago sixty days prior to each expiration date or any renewal expiration date that the University wishes to renew the leases.

Under the renewal options specified in each case, the University has been renewing the leases. Under date of April 18, 1952, the Business Manager of the Chicago Undergraduate Division sent formal notices to the city of Chicago that the University of Illinois is exercising the option to renew each lease for the annual period of July 1, 1952, to June 30, 1953.

On motion of Mr. Johnston, renewal of these leases was authorized.

**AWARD OF CONTRACT FOR INSTALLATION OF MOVING STAIRWAYS,
ELEVATORS, AND LIFTS IN EAST DENTISTRY-
MEDICINE-PHARMACY BUILDING**

In awarding contracts for the construction of the East Dentistry-Medicine-Pharmacy Building on March 12, the Board deferred action on the contract for moving stairways, elevators, and lifts. The Physical Plant Department requested more time for study of the bids, and the Executive Committee was authorized to act for the Board.

After reviewing all proposals submitted, the Physical Plant Department reaffirmed its previous recommendation, the President of the University concurring therein, that the contract for the installation of moving stairways, elevators, and lifts be awarded to the Westinghouse Electric Corporation at a total cost of \$300,368, subject to the release by the Governor of funds from the state appropriation made for this Building.

The Executive Committee reports that it has authorized the award of this contract in accordance with these recommendations.

FESTIVAL OF CONTEMPORARY ARTS

On motion of Mrs. Watkins, the Secretary of the Board was instructed to send an appropriate message of appreciation on behalf of the Board of Trustees to Dean Rexford Newcomb and commending the Faculty of the College of Fine and Applied Arts on the excellence in the planning and direction of the 1952 Festival of Contemporary Arts.

EXECUTIVE SESSION

At this point, the Board went into Executive Session to consider the following items of business presented by the President of the University.

PURCHASE OF EQUIPMENT FOR DEPARTMENT OF PHYSICS

(22) The purchase of a radome at a cost of \$2,970 from the Goodyear Aircraft Corporation, Akron, Ohio, has been authorized as an emergency to secure prompt delivery. This equipment is needed for research work being done by the University for the Department of the Army.

On motion of Mr. Johnston, this purchase was approved.

HONORARY DEGREE FOR DR. THÉOPHILE ANTONIN ALAJOUANINE

(23) The University Senate recommends that the honorary degree of Doctor of Science (D.Sc.) be conferred on Dr. Théophile Antonin Alajouanine of the University of Paris at the Commencement Exercises of the Chicago Professional Colleges on June 19, 1952. He is currently serving as Visiting Professor of Neurology and Neurological Surgery at the College of Medicine and will deliver the Commencement address on June 19.

I concur.

On motion of Mrs. Watkins, this degree was authorized.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ALVAREZ, MARIO C., Assistant in Urology (Rush), in the College of Medicine, five months beginning February 1, 1952, without salary (3-10-52).

AMUNDSON, GLEN L., Instructor in the Institute of Aviation, five months beginning April 1, 1952, \$429.16 a month (4-2-52).

BAER, ROBERT M., Research Associate in the Control Systems Laboratory, February 20-August 31, 1952, \$4800 a year (3-17-52).

BAKER, FRANKLIN R., Research Assistant in Civil Engineering (S), July 7-September 15, 1952, \$375 a month (4-11-52).

BACHELOR, MRS. ELIZABETH, Assistant in Animal Science (S), six months beginning March 1, 1952, \$3200 a year (3-12-52).

BLATT, NORMAN H., Clinical Instructor in Medicine, in the College of Medicine, on one-fifth time, April 15-August 31, 1952, \$75 a month (4-18-52).

BLISS, RACHEL, Clinical Instructor in Psychiatric Nursing, in the School of Nursing, five months beginning April 1, 1952, \$280 a month. For her convenience she will also be furnished room and board valued at \$40 a month, supersedes (4-1-52).

BORG, ALFRED F., Assistant Professor of Bacteriology, on one-half time, five months beginning April 1, 1952, to render service during the second semester of the academic year, \$216.66 a month, supersedes (3-26-52).

BROOKS, JOHN A., Research Associate in Civil Engineering (S), six months beginning March 1, 1952, \$4300 a year, supersedes (4-2-52).

BUCHTA, JOHN C., Research Associate in the Control Systems Laboratory, five months beginning April 1, 1952, \$500 a month, supersedes (4-11-52).

CANTU, FRANCISCO, Assistant in Anesthesia (Rush), in the College of Medicine, November 20, 1951-August 31, 1952, without salary (4-2-52).

DEUTSCH, WILLIAM E., Assistant in Ophthalmology, in the College of Medicine, six months beginning January 1, 1952, without salary (3-13-52).

DIESING, PAUL R., Instructor in Philosophy, for the academic year beginning September 1, 1952, \$4000 (4-18-52).

DINKINES, FLORA, Instructor in Mathematics, in the Chicago Undergraduate Division, for the second semester of 1951-1952, \$2250, payable in five monthly installments beginning February 1, 1952 (3-13-52).

DI PASQUALE, EDITH L., Assistant in Physiology, in the College of Medicine, six months beginning January 1, 1952, \$3341.64 a year, supersedes (4-1-52).

EYLER, WILLIAM R., Clinical Assistant Professor of Radiology, in the College of Medicine, five months beginning April 1, 1952, without salary (4-4-52).

- FALLS, JOHN L., Assistant in Obstetrics and Gynecology, in the College of Medicine, March 10-June 30, 1952, without salary (4-2-52).
- FISHER, J. H., Instructor in Geology, on three-fifths time, and in the Division of General Studies, on two-fifths time, for the academic year beginning September 1, 1952, \$4000 (4-7-52).
- FOLK, EUGENE R., Assistant in Ophthalmology, in the College of Medicine, six months beginning January 1, 1952, without salary (3-13-52).
- FRIEDMAN, M. H., Research Assistant in Physics (C), six months beginning March 1, 1952, \$3600 a year, supersedes (3-21-52).
- GARVEY, N. F., Director of Correspondence Courses, in the Division of University Extension, and Assistant Professor of Political Science, one year beginning September 1, 1951, \$6100, supersedes (4-2-52).
- GASTON, JAMES R., Research Assistant in Civil Engineering (S), six months beginning March 1, 1952, \$3900 a year, supersedes (4-5-52).
- GEIST, ROBERT, Clinical Instructor in Radiology, in the College of Medicine, five months beginning April 1, 1952, without salary (4-2-52).
- GLISSENDORF, OWEN F., Assistant Extension Editor, with the rank of Instructor (E), five months beginning April 1, 1952, \$400 a month (4-3-52).
- GRAHAM, CLARENCE H., Professor of Psychology in the Kyoto Seminars in American Studies in Japan, July 23-September 6, 1952, \$1500 for the period (4-1-52).
- GRAHAM, MRS. MARY F., Instructor in Biological Sciences, in the Chicago Undergraduate Division, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$3500 a year, supersedes (3-20-52).
- GREEN, MORRIS, Instructor in Pediatrics, in the College of Medicine, eight months beginning January 1, 1952, \$5675 a year, supersedes (4-7-52).
- HALL, WILLIAM J., Research Associate in Civil Engineering (S), six months beginning March 1, 1952, \$4300 a year, supersedes (4-2-52).
- HARRIS, PAUL E., Research Associate in the Control Systems Laboratory, five months beginning April 1, 1952, \$375 a month, supersedes (4-11-52).
- HAYMAN, ALLEN, Assistant in English, March 1-June 15, 1952, \$286.67 a month, supersedes (3-22-52).
- HEPLER, KATHRYN, Instructor in Social Work, in the Chicago Professional Colleges, three months beginning June 1, 1952, \$4300 a year (3-17-52).
- HINTERMEISTER, DAVID A., Instructor in Dairy Production (Dairy Science) (C) and (S), April 16-August 31, 1952, \$4250 a year (4-8-52).
- HUDGENS, CLAUDE R., Research Associate in Chemistry, in the Graduate College, one year beginning July 1, 1952, \$4800 (4-11-52).
- KING, CHARLES, Research Assistant in Chemistry, in the Graduate College, four months beginning March 1, 1952, \$4500 a year (3-11-52).
- KIRKWOOD, BILLY D., Research Associate in the Control Systems Laboratory, five months beginning April 1, 1952, \$450 a month, supersedes (4-11-52).
- KNOEBEL, H. W., Research Associate in the Control Systems Laboratory, five months beginning April 1, 1952, \$550 a month, supersedes (4-11-52).
- KOLSTOE, O. P., Instructor in Education, for the academic year beginning September 1, 1952, \$4800 (4-2-52).
- KOVALY, JOHN J., Research Associate in the Control Systems Laboratory, five months beginning April 1, 1952, \$450 a month, supersedes (4-11-52).
- KYONKA, JOSEPH C., Research Associate in Ceramic Engineering (S), April 15-August 31, 1952, \$5000 a year, supersedes (4-9-52).
- KYPTA, LINTON S., Research Associate in the Control Systems Laboratory, five months beginning April 1, 1952, \$425 a month, supersedes (4-11-52).
- LASSITER, JAMES W., Assistant in Animal Science (S), on full time beginning April 1, 1952, and continuing through June 15, 1952, \$250 a month, and on one-half time beginning June 16, 1952, and continuing through August 31, 1952, \$135 a month (4-2-52).
- LENIHAN, MRS. MARION C., Instructor in Foreign Languages, in the Chicago Undergraduate Division, on three-fourths time, six months beginning March 1, 1952, to render service during the second semester of the academic year, \$3300 a year, supersedes (3-13-52).

- LOBRAICO, ROCCO V., JR., Instructor in Obstetrics and Gynecology, in the College of Medicine, on three-fourths time, five months beginning April 1, 1952, \$3000 a year (3-27-52).
- MAJARAKIS, JAMES D., Instructor in Surgery, in the College of Medicine, on three-fourths time, five months beginning April 1, 1952, \$3000 a year (3-15-52).
- MARIENFELD, C. J., Assistant Professor of Pediatrics in the College of Medicine and in the Division of Services for Crippled Children, eight months beginning January 1, 1952, \$7775 a year, supersedes (4-9-52).
- MATSUK, AGNES, Clinical Instructor in Psychiatric Nursing, in the School of Nursing, in the Illinois Neuropsychiatric Institute, five months beginning April 1, 1952, \$312 a month, supersedes (4-2-52).
- MCDONALD, VINCENT J., Research Associate in Civil Engineering (S), six months beginning March 1, 1952, \$4200 a year, supersedes (4-2-52).
- MCELMROY, ALBERT D., Research Assistant in Chemistry, in the Graduate College, February 16-August 31, 1952, \$4500 a year (3-10-52).
- MULLEN, WYLIE H., Clinical Instructor in Radiology, in the College of Medicine, five months beginning April 1, 1952, without salary (4-2-52).
- MURPHY, LEO J., Assistant in Ophthalmology, in the College of Medicine, six months beginning January 1, 1952, without salary (4-1-52).
- NEWELL, GEORGE S., JR., Research Associate in the Control Systems Laboratory, four months beginning May 22, 1952, \$6600 a year (3-22-52).
- NORVILLE, MRS. PAULINE F., Instructor in Social Work, in the Chicago Professional Colleges, three months beginning June 1, 1952, \$3720 a year. For her convenience she will also be furnished one meal a day valued at \$96 a year (4-9-52).
- OVERHAUSER, A. W., Research Associate and Instructor in Physics (C), seven months beginning February 1, 1952, \$400 a month, supersedes (3-25-52).
- PROTHE, WILBERT C., Research Associate in the Control Systems Laboratory, five months beginning April 1, 1952, \$450 a month, supersedes (4-11-52).
- SCHMITT, R. A., Instructor in Physical Sciences, in the Chicago Undergraduate Division, on two-thirds time, for the second semester of 1951-1952, \$1100, payable in five monthly installments beginning February 1, 1952, supersedes (3-13-52).
- SCHOOLMAN, JOSEPH G., Assistant Professor of Otolaryngology, in the College of Medicine, on one-half time, five months beginning April 1, 1952, \$250 a month (4-2-52).
- SIMON, ALLEN B., Research Assistant in Chemistry, in the Graduate College, March 15-June 30, 1952, \$375 a month (3-26-52).
- SPENGLER, JOSEPH J., Professor of Economics in the Kyoto Seminar in American Studies in Japan, July 23-September 6, 1952, \$1500 for the period (4-1-52).
- SPIRAKIS, CHARLES N., Instructor in Biological Sciences, in the Chicago Undergraduate Division, for the second semester of 1951-1952, \$1800, payable in five monthly installments beginning February 1, 1952 (3-13-52).
- SUBTELNY, JACOB D., Instructor in Orthodontics, in the College of Dentistry, five months beginning April 1, 1952, \$4800 a year (4-9-52).
- TRUCHLY, VASIL, Assistant in Obstetrics and Gynecology, in the College of Medicine, six months beginning January 1, 1952, without salary (4-2-52).
- UNNA, K. R. W., Professor of Pharmacology, in the College of Medicine, on indefinite tenure, beginning April 1, 1952, to render service during each academic year, \$9200 a year, supersedes (4-4-52).
- VINSON, EDDIE B., Research Associate in Entomology, in the Graduate College, seven months beginning February 1, 1952, \$5000 a year (3-22-52).
- WALLER, F. O., Instructor in English, in the Chicago Undergraduate Division, for the second semester of 1951-1952, \$1800, payable in five monthly installments beginning February 1, 1952 (3-13-52).
- WEISSMAN, IRA, Research Associate in the Control Systems Laboratory, five months beginning April 1, 1952, \$475 a month, supersedes (4-11-52).
- WHITEHAIR, CHARLES K., Associate Professor of Veterinary Physiology and Pharmacology, in the College of Veterinary Medicine, and in the Agricultural Experiment Station, on indefinite tenure beginning April 1, 1952, \$6700 a year, supersedes (4-3-52).

WILHELMY, OSCAR, Assistant in Anesthesia (Rush), in the College of Medicine, six months beginning January 1, 1952, without salary (3-10-52).

YORKSTON, DOREEN M., Documents Assistant, with the rank of Instructor, in the Library, three months beginning June 1, 1952, \$3660 a year (3-13-52).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on March 17, 1952, except where otherwise indicated in parentheses.)

Accountancy

COOK, RICHARD E., Fellow, nine months beginning September 16, 1952, \$800.

FORBES, BEN L., Fellow, nine months beginning September 16, 1952, \$900.

LI, DAVID HSIANG-FU, Fellow, September 16, 1952-January 31, 1953, \$500.

Agricultural Economics

AZHAR, BARKAT ALI, Booth Fellow, nine months beginning September 16, 1952, \$900.

WEST, LOYD A., Fellow, nine months beginning September 16, 1952, \$800.

ZAWADZKI, MICHAL I., Fellow, nine months beginning September 16, 1952, \$900.

Agricultural Education

HINDERLITER, HOBART R., Fellow, nine months beginning September 16, 1952, \$800.

Agricultural Engineering

BLACK, RICHARD D., Wright Fellow, nine months beginning September 16, 1952, \$800.

Agronomy

AHMAD, RASHID, Fellow, nine months beginning September 16, 1952, \$900.

FINLEY, DON E., Wright Fellow, nine months beginning September 16, 1952, \$800.

SCOTT, JOHN T., JR., Fellow, nine months beginning September 16, 1952, \$900.

SPARKS, MAX E., Wright Fellow, nine months beginning September 16, 1952, \$800.

TAYLOR, ASTON R., Booth Fellow, nine months beginning September 16, 1952, \$1000.

Animal Nutrition

HARTSOOK, ELMER W., Fellow, nine months beginning September 16, 1952, \$1000.

KEANE, KENNETH W., Fellow, nine months beginning September 16, 1952, \$1000.

Animal Science

GUHA, SYAMRANJAN, Booth Fellow, February 1-August 15, 1953, \$675.

HORN, LINDSEY H., JR., Fellow, nine months beginning September 16, 1952, \$1000.

HULET, CLARENCE V., Fellow, nine months beginning September 16, 1952, \$800.

WHEELER, RICHARD F., Fellow, nine months beginning September 16, 1952, \$900.

Architecture

PENG, GEORGE T. C., Fellow, nine months beginning September 16, 1952, \$800.

Bacteriology

MUELLER, JOAN A., Fellow, nine months beginning September 16, 1952, \$800.

Biological Sciences

PUGLIA, CHARLES R., Fellow, nine months beginning September 16, 1952, \$800.

SWANSON, HELEN E., Fellow, nine months beginning September 16, 1952, \$800.

Botany

BRYAN, WALTER H., Fellow, nine months beginning September 16, 1952, \$800.

CHAKRAVORTI, AMAL K., Postdoctoral Fellow, nine months beginning September 16, 1952, \$2400 (4-4-52).

CHAO, CHUAN-YING, Fellow, nine months beginning September 16, 1952, \$900.
LEE, CHENG-LEE, Fellow, nine months beginning September 16, 1952, \$1000.
PETERSON, PETER A., Fellow, nine months beginning September 16, 1952, \$1000.

Business

ABDALLA, IBRAHIM SAAD EL DEEN, Fellow, nine months beginning September 16, 1952, \$900.
MOECKEL, BILL R., Fellow, nine months beginning September 16, 1952, \$1000.

Ceramic Engineering

COX, JOHN E., Lakefield Nepheline Syenite Fellow, September 16, 1952-January 31, 1953, \$700.

Chemical Engineering

BAKER, MARVIN L., Shell Oil Company Fellow, nine months beginning September 16, 1952, \$1500.
DOANE, ELLIOTT P., Visking Corporation Fellow, nine months beginning September 16, 1952, \$1500.
EBY, ROBERT N., Dow Chemical Company Fellow, nine months beginning September 16, 1952, \$1200.
KRONE, LESTER H., JR., Fellow, nine months beginning September 16, 1952, \$800.
LIU, TUNG, Robert F. Carr Fellow, nine months beginning September 16, 1952, \$1400.
RUTHERFORD, WILLIAM M., Standard Oil Company of Ohio Fellow, nine months beginning September 16, 1952, \$1500.
SAXTON, RONALD L., E. I. du Pont de Nemours and Company Fellow, nine months beginning September 16, 1952, \$2100.
TICHACEK, LOUIS J., Pan American Refining Company Fellow, nine months beginning September 16, 1952, \$1400.

Chemistry

AFTANDILIAN, VICTOR D., Lindsay Light and Chemical Company Fellow, nine months beginning September 16, 1952, \$1200.
BACHHAWAT, BIMAL K., Fellow, nine months beginning September 16, 1952, \$1000.
BATES, NORMAN A., Fellow, nine months beginning September 16, 1952, \$1000.
BELFUSS, HARRY R., Fellow, September 16, 1952-January 31, 1953, \$500.
BERKOWITZ, JOAN, Fellow, nine months beginning September 16, 1952, \$800.
BERRY, JAMES W., Fellow, September 16, 1952-January 31, 1953, \$500.
BLOMSTROM, DALE C., Fellow, nine months beginning September 16, 1952, \$1000.
BRASURE, DONALD E., Socony-Vacuum Oil Company Fellow, nine months beginning September 16, 1952, \$1500.
CARFINO, LOUIS A., Minnesota Mining and Manufacturing Company Fellow, nine months beginning September 16, 1952, \$1200.
COLGROVE, RICHARD S., Minnesota Mining and Manufacturing Company Fellow, nine months beginning September 16, 1952, \$1200.
DOREMUS, ROBERT H., Firestone Tire and Rubber Company Fellow, nine months beginning September 16, 1952, \$1500.
DYER, JOHN R., Abbott-Lilly-Upjohn Fellow, one year beginning September 1, 1952, \$1500.
EITEL, MICHAEL, General Electric Fellow, nine months beginning September 16, 1952, \$1400.
FANG, FABIAN TIEN-HWA, Fellow, nine months beginning September 16, 1952, \$900.
FOX, RICHARD C., Sinclair Oil Refining Company Fellow, June 16-August 15, 1952, \$333 (3-21-52).
FOX, RICHARD C., E. I. du Pont de Nemours and Company Fellow, nine months beginning September 16, 1952, \$2100.
FULMER, RICHARD W., Fellow, nine months beginning September 16, 1952, \$1000.
GELFAND, SAMUEL, Sinclair Oil Refining Company Fellow, June 16-August 15, 1952, \$333 (3-21-52).
GELFAND, SAMUEL, Fellow, nine months beginning September 16, 1952, \$1400 (3-21-52).

- GIANTURCO, MAURIZIO, Postdoctoral Fellow, nine months beginning September 16, 1952, \$2400 (4-11-52).
- GINDLER, JAMES E., Fellow, nine months beginning September 16, 1952, \$1000.
- HAY, ALLAN S., Fellow, nine months beginning September 16, 1952, \$1250.
- JOHNSON, RICHARD L., Fellow, nine months beginning September 16, 1952, \$900.
- JOHNSTON, GORDON R., Standard Oil Company of Indiana Fellow, nine months beginning September 16, 1952, \$1200 (3-21-52).
- JONES, PAUL R., Fellow, nine months beginning September 16, 1952, \$1000.
- KALENDA, NORMAN W., Fellow, nine months beginning September 16, 1952, \$900.
- KAUER, JAMES C., Fellow, nine months beginning September 16, 1952, \$900.
- KILB, RALPH W., Fellow, nine months beginning September 16, 1952, \$800.
- KRAEMER, HERBERT F., Ethyl Corporation Fellow, nine months beginning September 16, 1952, \$1500.
- KRAIMAN, EUGENE A., Fellow, nine months beginning September 16, 1952, \$1000.
- KRESGE, ALEXANDER J., Eli Lilly Company Fellow, nine months beginning September 16, 1952, \$1500.
- LOCKE, DAVID M., Fellow, nine months beginning September 16, 1952, \$900.
- MACDONALD, JOHN A., Fellow, nine months beginning September 16, 1952, \$900.
- MASON, LAWRENCE H., Abbott-Lilly-Upjohn Fellow, one year beginning September 1, 1952, \$1500.
- MELBY, L. RUSSELL, Fellow, September 16, 1952-January 31, 1953, \$500.
- MIDDLETON, WILLIAM J., Fellow, September 16, 1952-January 31, 1953, \$500.
- NEUMILLER, HARRY J., Jr., Minnesota Mining and Manufacturing Company Fellow, nine months beginning September 16, 1952, \$1200.
- O'ROURKE, JAMES D., Fellow, nine months beginning September 16, 1952, \$1000.
- PARSHALL, GEORGE W., Fellow, nine months beginning September 16, 1952, \$900.
- PIERCE, JACK V., Abbott-Lilly-Upjohn Fellow, one year beginning September 1, 1952, \$1500.
- RALPH, WILLIAM D., JR., Fellow, nine months beginning September 16, 1952, \$1000.
- RAMANIAH, VENKATA, Fellow, September 16, 1952-January 31, 1953, \$450.
- ROBBINS, PHILLIPS W., Abbott-Lilly-Upjohn Fellow, one year beginning September 1, 1952, \$1500.
- SAGURA, JOHN J., Sinclair Oil Refining Company Fellow, two months beginning June 16, 1952, \$333 (3-21-52).
- SAGURA, JOHN J., Rohm and Haas Company Fellow, nine months beginning September 16, 1952, \$1200.
- SALZMAN, NORMAN, Abbott-Lilly-Upjohn Company Fellow, one year beginning September 1, 1952, \$1500.
- SAMUELS, W. P., Standard Oil of California Fellow, nine months beginning September 16, 1952, \$1250 (4-14-52).
- SAXTON, PATRICIA M., Fellow, nine months beginning September 16, 1952, \$1000.
- SCHAFFNER, CARL P., Abbott-Lilly-Upjohn Fellow, one year beginning September 1, 1952, \$1500.
- SCHROEDER, EDITH, Fellow, nine months beginning September 16, 1952, \$800.
- SIROTEK, MARY JOAN, Fellow, nine months beginning September 16, 1952, \$800.
- SMITH, WARREN G., Fellow, nine months beginning September 16, 1952, \$800.
- STEINER, EDWIN C., Fellow, nine months beginning September 16, 1952, \$1000.
- STROJNY, EDWIN J., Parke, Davis and Company Fellow, one year beginning September 1, 1952, \$1500.
- SUNDSTROM, K. V. YNGVE, Cincinnati Chemical Works Fellow, nine months beginning September 16, 1952, \$1000.
- SWELEY, CHARLES C., Abbott-Lilly-Upjohn Fellow, one year beginning September 1, 1952, \$1500.
- TERAYAMA, HIROSHI, Postdoctoral Fellow, nine months beginning September 16, 1952, \$3000 (4-11-52).
- WAY, JOHN W., Allied Chemical and Dye Corporation Fellow, nine months beginning September 16, 1952, \$1500.
- WHITAKER, LEROY, Eastman Kodak Company Fellow, nine months beginning September 16, 1952, \$1400 (3-21-52).
- WHITFIELD, GEORGE B., JR., Abbott-Lilly-Upjohn Fellow, one year beginning September 1, 1952, \$1500.

WIEGERT, PHILIP E., Fellow, nine months beginning September 16, 1952, \$900.
WILLIAMS, JOHN K., Allied Chemical and Dye Corporation Fellow, nine months beginning September 16, 1952, \$1500 (4-14-52).

Civil Engineering

BUSH, LAWRENCE H., Fellow, nine months beginning September 16, 1952, \$800.
CAPALDO, ERNEST J., Fellow, nine months beginning September 16, 1952, \$800.
CHEN, TIEN YOU, Fellow, nine months beginning September 16, 1952, \$1000.
LINKOVSKIS, PIERRE, Fellow, nine months beginning September 16, 1952, \$800.
PAO, RICHARD HSIEN FENG, Fellow, nine months beginning September 16, 1952, \$1000.
SAMI, SABRI, Fellow, nine months beginning September 16, 1952, \$1000.

Classics

BRYSON, ELIZABETH A., Fellow, nine months beginning September 16, 1952, \$800.

Commercial Teaching

SWANK, ROGER L., Fellow, nine months beginning September 16, 1952, \$800.

Dairy Science

FRIEDMAN, MISCHA E., Fellow, nine months beginning September 16, 1952, \$1000.
SCHWERDT, RICHARD F., Fellow, nine months beginning September 16, 1952, \$900.

Economics

ALTAZAN, JOHN E., Fellow, nine months beginning September 16, 1952, \$1000.
BOFFO, LOUIS S., Fellow, nine months beginning September 16, 1952, \$1000.
DOEBEL, PAUL J., JR., Fellow, nine months beginning September 16, 1952, \$900.
ELLIOTT, JOHN E., Fellow, nine months beginning September 16, 1952, \$800.
JONES, ETHEL B., Fellow, nine months beginning September 16, 1952, \$800.
WENZLAU, THOMAS E., Fellow, nine months beginning September 16, 1952, \$1000.

Education

HAMBRO, VILHELM CATO GRIEG, Fellow, September 16, 1952-January 31, 1953, \$450.
MC CLELLAN, JAMES E., JR., Fellow, nine months beginning September 16, 1952, \$900.
NATSI, EUPHROSYNI, Fellow, nine months beginning September 16, 1952, \$800.
SANTOS, NILZA CONTI CALDAS, Fellow, nine months beginning September 16, 1952, \$900.
STRICKLAND, ARVARH E., Fellow, nine months beginning September 16, 1952, \$800.
TAKEMURA, HIROMU, Fellow, nine months beginning September 16, 1952, \$900.

Electrical Engineering

DONAHOE, ALFRED H., III, Fellow, nine months beginning September 16, 1952, \$800.
GARDNER, FLOYD M., Fellow, nine months beginning September 16, 1952, \$1000.
HWA, RUDOLPH CHIA-CHAO, Fellow, nine months beginning September 16, 1952, \$800.
KISER, DONALD O., Fellow, nine months beginning September 16, 1952, \$800.
LEE, MILLER M., Fellow, nine months beginning September 16, 1952, \$800.
MUELLER, EUGENE A., Fellow, nine months beginning September 16, 1952, \$900.
ROTHSCHILD, DONALD R., Motorola, Incorporated Galvin Fellow, nine months beginning September 16, 1952, \$850.
SCHMIDT, ELWOOD R., Fellow, nine months beginning September 16, 1952, \$800.
SCHWARZ, EDWARD W., Radio Corporation of America Fellow, nine months beginning September 16, 1952, \$1600.
STUCKI, FRANK F., Fellow, nine months beginning September 16, 1952, \$900.
TANG, CHARLES CHEN-HSI, Fellow, nine months beginning September 16, 1952, \$900.
VANCE, PAUL A., JR., Fellow, nine months beginning September 16, 1952, \$900.

WISEMAN, ROBERT S., Westinghouse Educational Foundation Fellow, nine months beginning September 16, 1952, \$1200.

Electronic Digital Computer

MULLER, DAVID, Postdoctoral Fellow, nine months beginning September 16, 1952, \$3000.

English

BRENNAN, JOSEPH X., Fellow, nine months beginning September 16, 1952, \$1000 (3-21-52).

DODGE, STEWART C., Fellow, nine months beginning September 16, 1952, \$900.

OGILVIE, JOHN T., Fellow, nine months beginning September 16, 1952, \$900.

SOELLNER, ROLF, Fellow, nine months beginning September 16, 1952, \$1000.

TEVNAV, JOHN E., Fellow, nine months beginning September 16, 1952, \$900.

TU, PIN CHOW, Fellow, nine months beginning September 16, 1952, \$900.

WORTH, GEORGE J., Fellow, nine months beginning September 16, 1952, \$1000.

Entomology

McFARLANE, JOHN E., Fellow, nine months beginning September 16, 1952, \$1000.

MOOREFIELD, HERBERT H., Fellow, nine months beginning September 16, 1952, \$1000.

SELANDER, RICHARD B., Fellow, nine months beginning September 16, 1952, \$1000.

VOCKEROTH, JOHN R., Fellow, nine months beginning September 16, 1952, \$900.

Food Technology

ADAMS, HAROLD W., Fellow, nine months beginning September 16, 1952, \$1000.

BHALERAO, VASANT R., Armour and Company Fellow, one year beginning September 1, 1952, \$1500.

SAKURAGI, TAKETAMI, Armour and Company Fellow, one year beginning September 1, 1952, \$1500.

French

GILMAN, CHARLES F., Fellow, nine months beginning September 16, 1952, \$900.

GORDEN, JEANNE, Fellow, nine months beginning September 16, 1952, \$1000.

PORTER, ELLIS G., Fellow, nine months beginning September 16, 1952, \$1000.

Geography

HULL, WILLIAM R., Fellow, nine months beginning September 16, 1952, \$900.

SIMMS, JOE L., Fellow, nine months beginning September 16, 1952, \$900.

Geology

ANDERSON, RICHARD C., Fellow, nine months beginning September 16, 1952, \$800.

BROCKHOUSE, ROBERT B., Fellow, nine months beginning September 16, 1952, \$1000.

BROWN, HENRY S., California Company Fellow, nine months beginning September 16, 1952, \$1250 (3-21-52).

BYRNE, PATRICK J. S., National Lead Company Fellow, nine months beginning September 16, 1952, \$1500 (3-21-52).

MASON, ARNOLD C., Fellow, nine months beginning September 16, 1952, \$900.

SABINS, FLOYD F., Fellow, nine months beginning September 16, 1952, \$800.

SCHULTZ, LEONARD G., Illinois Clay Products Company Fellow, nine months beginning September 16, 1952, \$1500 (3-21-52).

SHELTON, JOHN W., Shell Oil Company Fellow, nine months beginning September 16, 1952, \$1500 (3-21-52).

STAPLIN, FRANK L., Fellow, September 16, 1952-January 31, 1953, \$500.

STROUSE, MARY ANN, Fellow, nine months beginning September 16, 1952, \$800.

VAN DEN BERG, JACOB, Fellow, nine months beginning September 16, 1952, \$800.

German

DUFNER, MAX, Postdoctoral Fellow, nine months beginning September 16, 1952, \$3000 (4-11-52).

FRASER, RALPH S., Fellow, nine months beginning September 16, 1952, \$900.

HOFFMAN, CHARLES W., Fellow, nine months beginning September 16, 1952, \$900.
JENNINGS, LEE B., Fellow, nine months beginning September 16, 1952, \$900.
KEMPERS, JOHN, Nonresident Fellow, two months beginning June 16, 1952, \$500 (4-8-52).

History

ALBERT, ROBERT M., Fellow, nine months beginning September 16, 1952, \$900.
BLAKEMAN, CHARLES C., Fellow, nine months beginning September 16, 1952, \$900.
CAREY, JOHN H., Fellow, nine months beginning September 16, 1952, \$900.
DAVIS, JACK, Fellow, nine months beginning September 16, 1952, \$800.
DECKER, LESLIE E., Fellow, nine months beginning September 16, 1952, \$900.
NILES, DEAN E., Fellow, nine months beginning September 16, 1952, \$800.
PRESS, LEONARD, Fellow, nine months beginning September 16, 1952, \$800.
PRIKOPA, JOHN, Fellow, nine months beginning September 16, 1952, \$900.
RICHARDSON, ELMO R., Fellow, nine months beginning September 16, 1952, \$800.
SMITH, NATHAN, Fellow, nine months beginning September 16, 1952, \$900.
WEIGLEY, RUSSELL F., Fellow, nine months beginning September 16, 1952, \$800.

Labor and Industrial Relations

HOFFMAN, ERNEST L., JR., Fellow, nine months beginning September 16, 1952, \$800.
REICHENBACH, ROBERT R., Fellow, nine months beginning September 16, 1952, \$800.

Library Science

BRANNAN, NANCY L., Fellow, nine months beginning September 16, 1952, \$800.
BROWN, NORMAN B., JR., Fellow, nine months beginning September 16, 1952, \$900.
SIMONTON, WESLEY, Fellow, nine months beginning September 16, 1952, \$900.

Management

SAXBERG, BORJE O., Fellow, nine months beginning September 16, 1952, \$800.

Mathematics

FLANAGAN, JOSEPH E., Fellow, nine months beginning September 16, 1952, \$1000.
FRANKS, DAVID A., Fellow, nine months beginning September 16, 1952, \$900.
HASHISAKI, JOSEPH, Fellow, nine months beginning September 16, 1952, \$1000.
LANGAN, MARY E., Fellow, September 16, 1952-January 31, 1953, \$450.
MACAULEY, RONALD A., Fellow, nine months beginning September 16, 1952, \$1000.
MARTZ, ELIZABETH A., Fellow, nine months beginning September 16, 1952, \$800.
PETERSON, FRANKLIN P., Fellow, nine months beginning September 16, 1952, \$800.
SCHEERER, ROSEMARIE M., Fellow, nine months beginning September 16, 1952, \$800.
SHAPIRO, NORMAN, Fellow, nine months beginning September 16, 1952, \$800.
SHIH, KUNG-SING, Fellow, nine months beginning September 16, 1952, \$1000.
SUZUKI, MICHIO, Postdoctoral Fellow, nine months beginning September 16, 1952, \$2400.
WHITESITT, JOHN E., Fellow, nine months beginning September 16, 1952, \$900.
WILLIAMS, JOYCE W., Fellow, nine months beginning September 16, 1952, \$900.

Mechanical Engineering

BARTHEL, HAROLD O., Fellow, nine months beginning September 16, 1952, \$1000.
CHEN, CHUAN FANG, Fellow, February 1, 1953-June 15, 1953, \$400.
CHOW, WEN LUNG, Fellow, nine months beginning September 16, 1952, \$1000.
HALLMAN, THEODORE M., Standard Oil Company of Indiana Fellow, nine months beginning September 16, 1952, \$1500 (3-28-52).
LEE, LESTER HSIN-PEI, Fellow, nine months beginning September 16, 1952, \$800.

Music

CADEK, JERRIE, Fellow, nine months beginning September 16, 1952, \$800.
GOVE, C. ALLEN, Fellow, nine months beginning September 16, 1952, \$800.
LUCKTENBERG, GEORGE, Fellow, nine months beginning September 16, 1952, \$800.
RASMUSSEN, MARY H., Fellow, nine months beginning September 16, 1952, \$800.

STERN, MILTON, Fellow, nine months beginning September 16, 1952, \$800.
WORRELL, JOHN W., Fellow, nine months beginning September 16, 1952, \$800.

Philosophy

BERGER, BERYL A., Fellow, nine months beginning September 16, 1952, \$800.
COHEN, CARL, Fellow, nine months beginning September 16, 1952, \$900.
HALBERSTADT, WILLIAM H., Fellow, nine months beginning September 16, 1952, \$800.
HARRIS, HENRY S., Fellow, nine months beginning September 16, 1952, \$1000.

Physical Education

CAMPNEY, HARRY K., JR., Fellow, nine months beginning September 16, 1952, \$800.

Physico-Chemical Biology

PUNNETT, THOMAS R., JR., Fellow, nine months beginning September 16, 1952, \$1000.

Physics

BOLOTEN, MARTIN, Fellow, nine months beginning September 16, 1952, \$1000.
EBY, FRANK S., Eastman Kodak Company Fellow, nine months beginning September 16, 1952, \$1400.
FISHMAN, FRANK J., Fellow, nine months beginning September 16, 1952, \$800.
GRANGER, SARA JANE, Fellow, nine months beginning September 16, 1952, \$900.
LEBOWITZ, JOEL L., Fellow, nine months beginning September 16, 1952, \$800.
MCDERMOTT, MARK N., Fellow, nine months beginning September 16, 1952, \$800.
MORGAN, THOMAS N., Celanese Corporation Fellow, one year beginning September 1, 1952, \$1800.
MYERS, WILLIAM M., Fellow, nine months beginning September 16, 1952, \$1000.
SALZMAN, GEORGE, Fellow, nine months beginning September 16, 1952, \$1000.
SEIFERT, KARL-FRIDERICH, Fellow, nine months beginning September 16, 1952, \$900.
SHARP, RICHARD D., Fellow, nine months beginning September 16, 1952, \$800.
SIMMONS, RALPH O., Fellow, nine months beginning September 16, 1952, \$900.
YAMAGATA, TAKETORA, Fellow, nine months beginning September 16, 1952, \$900.

Physiology

WILSON, VICTOR J., Sigma Xi Fellow, nine months beginning September 16, 1952, \$1000.

Political Science

BAIRD, RICHARD, John A. Fairlee Fellow, nine months beginning September 16, 1952, \$1000.
DOWNING, RONDAL G., Fellow, nine months beginning September 16, 1952, \$800.
EISENBERG, RALPH, Fellow, September 16, 1952-January 31, 1953, \$400.
GERMINO, DANTE L., Fellow, nine months beginning September 16, 1952, \$800.
GRAHAM, CHARLES J., James W. Garner Fellow, nine months beginning September 16, 1952, \$1500.
HEGG, HOLLIS L., Fellow, nine months beginning September 16, 1952, \$800.
LIU, CHUI-HSUN, Fellow, nine months beginning September 16, 1952, \$800.
NEWMAN, CHARLES T., Fellow, nine months beginning September 16, 1952, \$900.
PETTENGELL, DWAYNAL B., Fellow, nine months beginning September 16, 1952, \$900.
SALISBURY, ROBERT H., Fellow, nine months beginning September 16, 1952, \$900.

Psychology

BEAM, JEROME C., Fellow, nine months beginning September 16, 1952, \$900.
DE WIT, FRED, Fellow, nine months beginning September 16, 1952, \$900.
HAVERLAND, EDGAR M., Fellow, nine months beginning September 16, 1952, \$900.
JOHNSON, CLAIRE, Fellow, nine months beginning September 16, 1952, \$800.
NYGAARD, JOHN E., Fellow, nine months beginning September 16, 1952, \$900.
VASSALOTTI, CONCETTA M., Fellow, nine months beginning September 16, 1952, \$900.

WEATHERLEY, DONALD A., Fellow, nine months beginning September 16, 1952, \$900.

Teaching of Social Studies

ZACEK, JOSEPH F., Fellow, nine months beginning September 16, 1952, \$800.

Sociology and Anthropology

BUTLER, JAY G., Fellow, nine months beginning September 16, 1952, \$900.

HINES, RALPH H., Fellow, nine months beginning September 16, 1952, \$900.

INUGAI, MASAKO, Fellow, nine months beginning September 16, 1952, \$800.

MANNHEIM, BETTY F., Fellow, nine months beginning September 16, 1952, \$800.

OMAN, MILTON, Fellow, nine months beginning September 16, 1952, \$900.

TAYLOR, WILLIAM E., JR., Fellow, nine months beginning September 16, 1952, \$900.

WALLACE, LAURENE A., Fellow, nine months beginning September 16, 1952, \$800.

YUDKOWSKY, MIRIAM, Fellow, nine months beginning September 16, 1952, \$800.

Spanish

MCNAMAMON, JAMES E., Fellow, nine months beginning September 16, 1952, \$1000.

Speech

BALLARD, FRANK W., Fellow, nine months beginning September 16, 1952, \$800.

HOBBS, ELIZABETH, Fellow, nine months beginning September 16, 1952, \$800.

HUNTINGTON, DOROTHY A., Postdoctoral Fellow, nine months beginning September 16, 1952, \$2400 (4-11-52).

METTER, NORMA L., Fellow, nine months beginning September 16, 1952, \$800.

Theoretical and Applied Mechanics

BENJAMIN, ROLAND J., Henry Strong Fellow, nine months beginning September 16, 1952, \$1000.

SUGI, MASAKI, Fellow, nine months beginning September 16, 1952, \$900.

Zoology

DORRIS, TROY C., Fellow, nine months beginning September 16, 1952, \$1000.

GLADE, RICHARD W., Fellow, nine months beginning September 16, 1952, \$900.

PATERSON, MABEL C., Fellow, nine months beginning September 16, 1952, \$1000.

SACKS, MARTIN, Sigma Xi Fellow, nine months beginning September 16, 1952, \$1000.

RESIGNATIONS AND DECLINATIONS

ANDERSON, RICHARD C., Fellow in Geology—declination effective 9-16-52.

BEILFUSS, HARRY R., Fellow in Chemistry—declination effective 9-16-52.

BERGER, BERYL A., Fellow in Philosophy—declination effective 9-16-52.

BERKOWITZ, JOAN, Fellow in Chemistry—declination effective 9-16-52.

BLAKEMAN, CHARLES C., Fellow in History—declination effective 9-16-52.

BORTON, REBECCA K., Instructor in Veterinary Research (S), and in Veterinary Physiology and Pharmacology, in the College of Veterinary Medicine—resignation effective 5-31-52.

BRYAN, WALTER H., Fellow in Botany—declination effective 9-16-52.

COHN, EVA M., Assistant in Animal Nutrition (Animal Science), (S)—resignation effective 4-19-52.

COOK, RICHARD E., Fellow in Accountancy—declination effective 9-16-52.

D'ACQUISTO, LEONA, Research Assistant in Labor and Industrial Relations—resignation effective 4-19-52.

DAVIS, EMILY E., Microanalyst in the Department of Chemistry—resignation effective 4-1-52.

DECKER, LESLIE E., Fellow in History—declination effective 9-16-52.

DOEBEL, PAUL J., JR., Fellow in Economics—declination effective 9-16-52.

DONALDSON, JANET G., Binding Assistant in the Library—resignation effective 4-2-52.

ELLIOTT, JOHN E., Fellow in Economics—declination effective 9-16-52.

- FINLEY, DON E., Wright Fellow in Agronomy — declination effective 9-16-52.
FISHMAN, FRANK J., Fellow in Physics — declination effective 9-16-52.
GARDNER, FLOYD M., Fellow in Electrical Engineering — declination effective 9-16-52.
GERMINO, DANTE LEE, Fellow in Political Science — declination effective 9-16-52.
GILMAN, CHARLES F., Fellow in French — declination effective 9-16-52.
HALLMAN, THEODORE M., Standard Oil Company of Indiana Fellow in Mechanical Engineering — declination effective 9-16-52.
HANSON, WALTER E., Associate Professor of Civil Engineering, in the College of Engineering — resignation effective 9-1-51.
HAVERLAND, EDGAR M., Fellow in Psychology — declination effective 9-16-52.
HIRSCH, MARVIN M., Research Assistant in Preventive Medicine, in the College of Medicine — resignation effective 4-1-52.
HULET, CLARENCE V., Fellow in Animal Science — declination effective 9-16-52.
INUGAI, MASAKO, Fellow in Sociology and Anthropology — declination effective 9-16-52.
JOHNSON, RICHARD L., Fellow in Chemistry — declination effective 9-16-52.
JONES, ETHEL B., Fellow in Economics — declination effective 9-16-52.
KILB, RALPH W., Fellow in Chemistry — declination effective 9-16-52.
KISER, DONALD O., Fellow in Electrical Engineering — declination effective 9-16-52.
KRONE, LESTER H., JR., Fellow in Chemical Engineering — declination effective 9-16-52.
LAITALA, EVERETT, Professor of Mechanical Engineering (C) — resignation effective 9-1-52.
LEBOWITZ, JOEL L., Fellow in Physics — declination effective 9-16-52.
LIU, CHANG KENG, Research Associate in Theoretical and Applied Mechanics (S) — resignation effective 3-31-52.
MASON, LAWRENCE H., Abbott-Lilly-Upjohn Fellow in Chemistry — declination effective 9-1-52.
McDERMOTT, MARK N., Fellow in Physics — declination effective 9-16-52.
MORGAN, THOMAS N., Celanese Corporation Fellow in Physics — declination effective 9-1-52.
NEWMAN, CHARLES T., Fellow in Political Science — declination effective 9-16-52.
NEWTON, MRS. WINIFRED C., Assistant in Home Economics (S) — resignation effective 6-24-52.
NOLTE, RALPH C., JR., Fellow in Library Science — resignation effective 3-10-52.
OGILVIE, JOHN T., Fellow in English — declination effective 9-16-52.
PAGE, MRS. JANET L., Assistant in Animal Nutrition (Animal Science) (S) — resignation effective 4-10-52.
PARSHALL, GEORGE W., Fellow in Chemistry — declination effective 9-16-52.
PETERSON, FRANKLIN P., Fellow in Mathematics — declination effective 9-16-52.
PETTINGELL, DWAYNAL B., Fellow in Political Science — declination effective 9-16-52.
PRESS, LEONARD, Fellow in History — declination effective 9-16-52.
REICHENBACH, ROBERT R., Fellow in Labor and Industrial Relations — declination effective 9-16-52.
SABINS, FLOYD F., Fellow in Geology — declination effective 9-16-52.
SCHMIDT, ELWOOD R., Fellow in Electrical Engineering — declination effective 9-16-52.
SCHROEDER, EDITH, Fellow in Chemistry — declination effective 9-16-52.
SELANDER, RICHARD B., Fellow in Entomology — declination effective 9-16-52.
SHAPIRO, NORMAN, Fellow in Mathematics — declination effective 9-16-52.
SHARP, RICHARD D., Fellow in Physics — declination effective 9-16-52.
SMITH, WARREN G., Fellow in Chemistry — declination effective 9-16-52.
STRONG, EARL P., Professor of Management, in the Department of Business Organization and Operation, and Director of Business Management Service — resignation effective 4-1-52.
VASSALOTTI, CONCETTA M., Fellow in Psychology — declination effective 9-16-52.
VOCKEROTH, JOHN R., Fellow in Entomology — declination effective 9-16-52.

WEATHERLEY, DONALD A., Fellow in Psychology — declination effective 9-16-52.
WEIGLEY, RUSSELL F., Fellow in History — declination effective 9-16-52.
WHITESITT, JOHN E., Fellow in Mathematics — declination effective 9-16-52.
WILSON, VICTOR J., Sigma Xi Fellow in Physiology — declination effective 9-16-52.

LEAVES OF ABSENCE

CHANGNON, PAULINE, Instructor in Education, in the University High School — additional sick leave with full pay through April 4, 1952.
FOGLE, CATHERINE L., Instructor in Auditory Training, in the Department of Otolaryngology, in the College of Medicine — leave of absence, without salary, July 21 through August 24, 1952, for the completion of her graduate program.
READ, HADLEY, Assistant Professor of Agricultural Extension, in the College of Agriculture, and Extension Editor in the Extension Service in Agriculture and Home Economics — leave of absence, without salary, one year beginning May 1, 1952, so that he may accept an assignment with the Mutual Security Agency.
TRUMP, J. LLOYD, Professor of Education, and Head of Teacher Placement, on the University Council on Teacher Education — leave of absence, without salary, July 18 through August 1, 1952, so that with his vacation allowance he may accept a teaching assignment at the University of Michigan.

MAY MEETING

By unanimous consent it was decided to hold the May meeting of the Board in Chicago, Illinois, on Monday, May 26, 1952, beginning at 10:30 a.m. (C.D.S.T.).

On motion of Mr. Johnston, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

May 26, 1952



The May meeting of the Board of Trustees of the University of Illinois was held in the Chicago Illini Union Building, 715 South Wood Street, Chicago, Illinois, on Monday, May 26, 1952, beginning at 10:30 a.m. Central Daylight Saving Time.

The following members were present: Mr. John R. Fornof, Mr. Harold E. Grange, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Herbert B. Megran, Mr. Vernon L. Nickell, Mrs. Frances B. Watkins; Mr. Robert Z. Hickman and Governor Adlai E. Stevenson were absent.

Also present were President George D. Stoddard, Provost C. R. Griffith, Vice-President A. C. Ivy, Mr. Ralph F. Lesemann, Legal Counsel, Mr. J. F. Wright, Director of Public Information; Mr. H. A. Hazleton, Business Manager, and Mr. C. Lincoln Williston, Manager of Public Information, of the Chicago Professional Colleges; Mr. Joseph Pois, Director of Finance of Illinois; Mr. H. O. Farber, Assistant Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of March 12, 1952, press proof copies of which were sent to all members of the Board in advance of this meeting.

On motion of Mr. Johnston, these minutes were approved as printed on pages 1403 to 1441, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the following persons be awarded the certificate of Certified Public Accountant on the basis of having satisfactorily passed a written examination under Section 4b of the Accountancy Act of 1943, as amended in 1951, given by the Special Board of Examiners:

GORDON ROY ESHLEMAN (Decatur)	MANUEL M. LEVIN (Chicago)
HAROLD FINNEGAN (Chicago)	ROBERT C. O'HAIR (Glen Ellyn)
S. YALE FISCHMAN (Hollywood, California)	PHILIP H. WAIN (Chicago)
CHARLES H. KEUPER (Phoenix, Arizona)	

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State Where Original Certificate Was Obtained</i>
CLARENCE BENJAMIN ALLGOR	Kalamazoo, Michigan	District of Columbia
LOUIS PAUL BANACH	Battle Creek, Michigan	Wisconsin
VICTOR CLARENCE BOHNE	Lincoln, Nebraska	Nebraska
DAVID LILLARD BOOTS	Lincoln, Nebraska	Nebraska
MAURICE FRANCIS GILMAN	Alton, Illinois	Ohio
ALBERT MORRIS MELMAN	St. Louis, Missouri	Missouri
RICHARD HORTON REED	Muskegon, Michigan	Michigan
MARTIN J. RUBINROTH	Chicago, Illinois	New York
CHARLES THOMAS WHEELER	Muskegon, Michigan	Michigan

I concur.

On motion of Mr. Nickell, these certificates were awarded.

APPOINTMENTS TO BOARD OF EXAMINERS IN ACCOUNTANCY

(2) The Committee on Accountancy recommends the appointment of Mr. Louis M. Kessler, C.P.A., a partner in the firm of Alexander Grant and Company, 1 North LaSalle Street, Chicago, to the Board of Examiners in Accountancy for a period of three years beginning July 1, 1952, replacing William C. Waggoner whose three-year term will expire June 30, 1952.

Mr. Richard H. Grosse, presently a member of the Board whose term will expire in June, 1953, has resigned from the Board because he is being transferred by his firm, Haskins & Sells, 111 West Monroe Street, from Chicago to Pittsburgh. He has agreed to serve as a member of the Board until its duties with respect to the May, 1952, C.P.A. examinations have been completed. These examinations are given in November and May.

To fill this vacancy the Committee on Accountancy recommends the reappointment of Mr. William C. Waggoner, a partner in the firm of Touche, Niven, Bailey, and Smart, 208 South LaSalle Street, Chicago, to serve for the November, 1952, examination, and the appointment of Mr. Charles Robert Miller, a partner in the firm of Arthur Young and Company, 1 North LaSalle Street, Chicago, to serve for the May, 1953, examination. There are two accountants and one lawyer on the Board of Examiners. The expiration of Mr. Waggoner's term and the

resignation of Mr. Grosse would leave the Board without any accountants who had previous experience with the C.P.A. examinations. Hence the reappointment of Mr. Waggoner, who is willing to continue for the limited period indicated, is desirable.

These nominees are willing to serve for the periods indicated if appointed. I concur in these recommendations.

On motion of Mr. Grange, these appointments were approved.

LEAVE OF ABSENCE FOR PROFESSOR JOHN T. FLANAGAN

(3) Professor John T. Flanagan of the Department of English has been granted a sabbatical leave of absence on one-half pay for the academic year 1952-1953. He has requested that this be changed to leave of absence without pay for the same period so that he may accept a lectureship under a Fulbright grant, one semester to be spent at the University of Bordeaux and one semester at the University of Montpellier in France.

I recommend that Professor Flanagan's leave be cancelled, without prejudice, and that he be granted leave without pay for one year from September 1, 1952.

On motion of Mr. Fornof, this recommendation was approved.

APPOINTMENTS TO THE FACULTY

(4) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. WILLIAM H. MOSBERG, Research Assistant Professor of Neurology, in the Department of Electrical Engineering, Engineering Experiment Station, beginning March 1, 1952, without salary (G).

2. ELMER M. PLEIN, Associate Professor of Pharmacy, beginning September 1, 1952, at an annual salary of \$7,500 (A).

3. WILLIAM E. RANDALL, JR., Assistant Professor of Recreation, in the Department of Physical Education for Men, beginning September 1, 1952, at an annual salary of \$5,200 (D).

4. HIDEO SASAKI, Assistant Professor of Landscape Architecture, beginning September 1, 1952, at an annual salary of \$4,500 (B).

5. SHELDON W. WILLIAMS, Associate Professor of Agricultural Economics, Agricultural Experiment Station, beginning June 1, 1952, at an annual salary of \$1,650 (AY25); also paid \$4,950 from the United States Department of Agriculture.

On motion of Mrs. Holt, these appointments were confirmed.

ACTING DEAN OF THE GRADUATE COLLEGE

(5) I recommend the appointment of Professor Robert E. Johnson, Head of the Department of Physiology, to serve also as Acting Dean of the Graduate College for one year from September 1, 1952, at a total salary of \$14,500 for the period on a "Y" basis.

Professor Johnson will continue as Head of the Department of Physiology, but will be relieved of some of his teaching. He will succeed Professor Frederick T. Wall of the Department of Chemistry who is serving as Acting Dean during the current year.

On motion of Mr. Nickell, this appointment was approved.

CHAIRMAN OF DEPARTMENT OF ECONOMICS

(6) I recommend the appointment of Professor H. K. Allen of the Department of Economics as Chairman of the Department for a period of two years beginning July 1, 1952, at an annual salary of \$11,000 on a Y basis.

The Dean of the College of Commerce and Business Administration and the Executive Committee of the Department unanimously recommend this appointment. Dean Paul Green has been serving as Acting Chairman of the Department since February 1 and prior thereto Acting Dean R. R. Hudelson served as Acting Chairman.

On motion of Mr. Johnston, this appointment was approved.

CONTINUATION OF DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

(7) On January 26, 1944, the Board of Trustees authorized the establishment of a Division of Special Services for War Veterans, its purpose and function being to study the needs of the returning veteran; to inform him of all the various services of the University, and to advise him in matters of educational aim and adjustment; to help him to find among existing curricula the one which will best satisfy his purpose, and to assist in making such adjustments therein as may be desired by the student and accepted by the college or department in question; and to administer the educational programs of those veterans whose special needs are not satisfied by existing curricula. The action of the Board followed a recommendation of the University Senate which included a plan for the organization and administration of the Division.

The plan specifies that the services of the Division shall be restricted to men and women who come from the armed services and that it shall endure only until the needs of veterans have been satisfied. At the time the Division was established, this obviously referred to veterans of World War II. There are now coming to the University veterans who have served in Korea and whose needs for services offered by the Division are no less than have been the needs of veterans of World War II. Hence I recommend that the Board authorize the continuation of the Division of Special Services for War Veterans until further notice.

On motion of Mr. Grange, authority was given as recommended.

LISTENER'S AND VISITOR'S FEE

(8) Persons not connected with the University may attend classes as listeners or visitors with the approval of the instructor and the dean of the college concerned in each case and upon payment of a fee of \$7.50 for each course. If the visitor withdraws within ten days after the beginning of instruction, the fee is refunded, and one-half of the fee is refunded after ten days but before the middle of the semester.

The Committee on Fees and Scholarships recommends the following addition to regulations governing refunds of fees:

The Listener's or Visitor's Fee will be refunded in full provided the student makes personal request for a refund at the Office of Admissions and Records within the first ten days of the instruction in any semester, or the first five days of instruction in any eight-week summer session. Thereafter no rebate will be made.

I concur.

On motion of Mr. Herrick, this recommendation was approved.

CHANGES IN ATHLETIC ASSOCIATION BUDGET

(9) The Board of Directors of the Athletic Association has made assignments of funds from the unappropriated surplus of the Association as follows:

To supplement existing budgetary provisions which are inadequate for the current fiscal year:

Administration	\$1 500
Football	
Operation	1 000
Equipment	2 000
Basketball	2 500
Training	5 000
Publicity	2 500
Personnel	2 000

New appropriations:

Travel expenses of baseball team on spring tour	1 550
Spring High School Football Coaches' Clinic	1 250
Equipment (eight-passenger automobile to replace station wagon)	2 194

These appropriations are submitted to the Board of Trustees for confirmation.

On motion of Mr. Nickell, the action of the Board of Directors of the Athletic Association was confirmed.

VETERINARY CLINIC BUILDING

(10) The Dean of the College of Veterinary Medicine requests that the name of the Veterinary Pathology Laboratory (the old Animal Pathology Building) be changed to Veterinary Clinic since this building will now be used exclusively as a veterinary clinic.

I concur.

On motion of Mrs. Watkins, this change was approved.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(11) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

Chicago Professional Colleges

1. Library of Medical Sciences, improved lighting in reading room.....	\$ 1 500
2. College of Pharmacy, equipment.....	1 700
3. Research and Educational Hospitals, remodeling to provide quarters for housing two additional interns.....	1 100
4. Research and Educational Hospitals, remodeling to provide two additional needed offices.....	3 400

Urbana-Champaign Campus

5. Department of Theoretical and Applied Mechanics, equipment for Talbot Laboratory	1 059
6. College of Law, central dictating system.....	2 000
7. Graduate College, equipment for electronic digital computer.....	5 600
8. School of Music, improvements in Stiven House.....	2 100

Total\$18 459

I recommend that these appropriations be made from the General Reserve Fund.

On motion of Mr. Johnston, these appropriations were made by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Hickman, Mr. Stevenson.

STANDING CONTRACT FOR PLASTERING WORK

(12) The Director of the Physical Plant and the Comptroller recommend the award of a contract for plastering maintenance and minor improvement work as needed at Urbana-Champaign for 1952-1953 to E. G. Lindsey, Champaign. Payments are to be made on the basis of costs, plus the following percentages, except that charges for less than \$25 will be billed on a lump sum basis:

Percentage added to labor costs for Workmen's Compensation Insurance, Social Security, and other costs..... 7%
 Percentage added to total cost for contractor's profit and overhead..15%

I concur.

On motion of Mr. Nickell, this contract was authorized.

PAYMENTS FOR PROFESSIONAL SERVICES IN WATER RATES LITIGATION

(13) The Board of Trustees has authorized the employment by the University, jointly with the cities of Urbana and Champaign, of the firm of George Rossetter and Company, Chicago, certified public accountants, and the law firm of Milliken, Vollers, and Parsons, Chicago, to represent the interests of the cities and of the University in hearings before the Illinois Commerce Commission on an application by the Northern Illinois Water Corporation for an increase in water rates. The University is to pay 30 per cent of the cost of these professional services.

The costs have exceeded the previous estimate of \$10,000, of which the University's share would be \$3,000, because the litigation has required more work by the accountants and the lawyers than was anticipated. The total fees to date are \$14,585, of which the University's share is \$4,375. The bills have been checked by the Comptroller and the Legal Counsel and are reasonable.

The Illinois Commerce Commission has entered an order granting the Northern Illinois Water Corporation approximately one-fourth of the rate increases requested. The Corporation has filed a petition for a rehearing with the Commission. The University has joined with the cities in also asking for a rehearing. This may require additional legal services.

I recommend authorization of (a) payment of the University's share of the professional fees to date, \$4,375, and (b) payments, on the basis of 30 per cent of the total, of additional costs resulting from future hearings. Funds are available in the Physical Plant Department budget for this purpose.

On motion of Mrs. Watkins, these payments were authorized.

REQUEST FOR AUTHORITY TO EXECUTE CONTRACTS FOR DIVISION OF SERVICES FOR CRIPPLED CHILDREN SPEECH CLINICS

(14) The Division of Services for Crippled Children proposes to conduct summer speech clinics at the University of Illinois, Augustana College at Rock Island, the State Teachers Colleges at Normal and DeKalb, and Rockford College at Rockford, Illinois. Contracts will be negotiated with the institutions for speech therapy and housing and feeding the children attending the clinics. In each case, rates are based upon the usual charges of the College for similar services to students but will include additional expenses incurred for special services required by the children. All payments under these contracts are from funds appropriated by the General Assembly to the Division of Services for Crippled Children.

I recommend that on recommendation of the Director of the Division of Services for Crippled Children, the Comptroller be authorized to execute agreements with the various institutions, all such agreements to be reported by the Comptroller to the Board of Trustees.

On motion of Mr. Nickell, these contracts were authorized.

PURCHASES

(15) The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One eight-channel electroencephalograph, model III-D, for research work in the Department of Otolaryngology	Otolaryngology, Chicago Professional Colleges	Grass Instrument Co., Quincy, Mass.	\$3 826 00 f.o.b. Quincy, Mass.
15,000 Chicago Undergraduate Division 1952-1953 catalogs, 100-104 pages, 70 lb. enamel paper, varnished cover, saddle wire stitched, art work for cover and plate for cover furnished	University Press, Chicago Undergraduate Division	Rogers Printing Co., Chicago	2 920 00 f.o.b. delivered
145 three-burner electric ranges for the Staff Apartment Building	Physical Plant, Chicago Professional Colleges	Frigidaire Sales Corp., Chicago	11 940 75 f.o.b. delivered
142 6 cubic foot electric refrigerators and four 8.8 cubic foot electric refrigerators for the Staff Apartment Building	Physical Plant, Chicago Professional Colleges	Frigidaire Sales Corp., Chicago	16 892 84 f.o.b. delivered and installed
2,500 gallons DDT spray solution, special formula, for control of elm tree disease	Physical Plant	Champaign County Service Co., Champaign	4 125 00 f.o.b. delivered
Road grader with 10" blade, complete with cab and hydraulically operated scarifier	Robert Allerton Park	Illinois Road Equip- ment Co., Springfield	4 541 70 delivered
Builders' Risk Insurance, including fire, extended coverage, vandalism and malicious mischief; at two-year rates on a monthly reporting form basis, effective July 1, 1952, on the Staff Apartment Building, Chicago; final insurable value is estimated at \$1,500,000	Physical Plant, Chicago Professional Colleges	Goodman-Murphy, Cham- paign, representing the Standard Insurance Co. of New York Max Stark, Champaign, representing the Home Fire and Marine Insur- ance Co.	1 922 50 1 922 50

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Builders' Risk Insurance, including fire, extended coverage, vandalism and malicious mischief; at two-year rates on a monthly reporting form basis, effective July 1, 1952, on the Residence Hall for Men, Chicago; the final insurable value is estimated at \$2,000,000	Physical Plant, Chicago Professional Colleges	Goodman-Murphy, Champaign, representing the Fireman's Fund Insurance Co.	2 563 00
2,500 tons screenings coal to be delivered to Abbott Power Plant as required during June, 1952	Physical Plant	Max Stark, Champaign, representing the Home Fire and Marine Insurance Co.	2 563 00
2,000 copies of "Modern Nationalities," by Professor Florian Znaniecki, to be printed and bound	University Press	Oakwood Coal Co., Oakwood	10 647 00 delivered
400 uniforms for Ground Force Advanced R.O.T.C. students	Military	Vail-Ballou Press, Inc., Binghamton, New York	3 317 80
375 uniforms for Air Force Advanced R.O.T.C. students		Hirsch Tyler Co., Philadelphia, Pa.	42 615 00

On motion of Mr. Johnston, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(16) The Comptroller's report of contracts executed during the period April 1 to 30, 1952.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Travenol Laboratories, Inc.	Pyrogens study	\$2 500 00	January 2, 1952
Upjohn Company	Physiology of virus host study	5 000 00	February 22, 1952
Veterans Administration	Administration, books, supplies, and equipment, 1951-1952 school year, Chicago Professional Colleges	Rates per contract	June 25, 1951

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Consolidated Feldspar Corp.	Feldspar use study	\$8 500 00	March 31, 1952
State of Illinois, Division of Highways	Impact on highway bridges study	2 000 00	February 7, 1952
United States Army	DA-49-07-MD-140 (Modif. #1)	11 879 00	March 18, 1952
Welding Research Council	Steel plate biaxial stress study	4 000 00	March 25, 1952

Adjustments Made in 1950-1951 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. N. DeAtley (General work)	Special State Utilities Distribution	\$72 35 ¹	April 10, 1952

Adjustments Made in 1951-1952 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	Two minor items in the amounts of \$376.23 and \$496.90	\$873 13	March, 1952
Clyde E. Gates (General work)	Changes in administrative offices	210 00	April 24, 1952
Ervin G. Lindsey (Plastering)	Twenty-seven minor items from \$23.44 deduct to \$70.00	811 75	April, 1952
E. C. Manthei (Engineering services)	Auditorium sprinkler system	310 92	April 2, 1952
Reliable Plumbing & Heating Co.	Four minor items from \$88.21 deduct to \$240.00	280 14	April, 1952
Schroeder's (Ventilation)	Three minor items from \$90.93 deduct to \$560.86	855 51	April, 1952

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(17) The Comptroller presents his quarterly report to the Board as of March 31, 1952.

This report was received for record and a copy has been filed with the Secretary of the Board.

¹ Deduct.

**CONTRACT FOR INSTALLATION OF STEAM SERVICE PIPING TO
MEN'S RESIDENCE HALLS AND AGRICULTURAL
ENGINEERING RESEARCH LABORATORY**

(18) The Director of the Physical Plant and the Comptroller recommend award of a contract to Gallaher and Speck, Inc., Chicago, the lowest bidder, for the installation of steam service piping from the steam tunnel to the first addition to the Men's Residence Halls and to the Agricultural Engineering Research Laboratory, now under construction, as follows:

Men's Residence Halls Addition.....\$17 950
Agricultural Engineering Research Laboratory..... 11 840

This contract will include construction of an underground concrete loop vault at each connection with the tunnel and the installation of insulated conduits carrying the steam line from the vault to the building in each case.

Funds are available for this work in the budgets for these two construction projects.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, this contract was authorized.

CONTRACT FOR GRAIN STORAGE BUILDING AT WRIGHT FARM

(19) On April 24, 1952, the Board of Trustees awarded a contract for \$3,735.88 for the construction of a twenty-six foot addition to the corn crib at Wright Farm No. 6 in DeKalb County to the Alexander Lumber Company, Shabbona, the lowest bidder. Prior to signing a contract, the Alexander Lumber Company notified the University that it had made an error in the bid which should be \$4,735.88.

The Dean of the College of Agriculture and the Comptroller recommend that the contract be awarded to L. B. Hanna, Princeton, Illinois, whose bid of \$4,065.87 is now lowest.

I concur.

On motion of Mrs. Holt, this contract was authorized.

THESIS DEPOSIT REQUIREMENT

(20) In partial fulfillment of the requirements for the degree of Doctor of Philosophy, a candidate must write an acceptable thesis, submitting two copies thereof together with an abstract of the thesis to the Graduate College, and satisfy publication requirements through one of these options: (a) depositing with the Graduate College one hundred printed copies of an abstract of the thesis, printed at his own expense; (b) depositing with the University \$75 for the printing of one hundred copies of the thesis abstract by the University Press; (c) paying a \$35 fee to have his entire thesis microfilmed and an abstract of it printed in *Dissertation Abstracts*; (d) presenting evidence of the publication of his thesis in its entirety or in abridged form by a standard journal or publisher.

The \$75 fee, established many years ago when printing costs were low, is no longer sufficient to cover the actual costs to the University Press of printing the abstracts it receives. Students who can have their abstracts printed elsewhere for less than \$75 naturally do not elect the deposit option, but those whose abstracts would cost more take advantage of the least expensive method. In any case, the student always may satisfy the publication requirement through the microfilming method.

The Executive Faculty of the Graduate College recommends that the option of depositing \$75 for publication of the thesis abstract be discontinued.

I concur.

On motion of Mr. Nickell, this recommendation was approved.

**APPLICATION TO FEDERAL COMMUNICATIONS COMMISSION
FOR TELEVISION LICENSE**

(21) The Federal Communications Commission has now made definite allocations of television channels. Five channels have been allocated to the Urbana-

Champaign area, three of them being ultra high frequency and two very high frequency, including Channel 12 which is reserved for educational television.

I recommend that the Board of Trustees authorize the filing of a formal application by the University with the Federal Communications Commission for a license to construct a television station and to operate the same on Channel 12.

On motion of Mr. Johnston, the following resolution was adopted:

The Board of Trustees of the University of Illinois hereby directs its corporate officers to file an application with the Federal Communications Commission for authority to construct a television station and for a license to operate the same on Channel 12.

Mr. Nickell voted "no."

APPOINTMENTS TO THE STAFF OF THE ATHLETIC ASSOCIATION

(22) The Director of Athletics and the Board of Directors of the Athletic Association recommend the following appointments:

LEE P. EILBRACHT, Head Coach of Baseball beginning July 1, 1952, at a salary of \$1,033.32 for the months of July and August and a salary of \$6,200 for one year from September 1, 1952.

ALLEN B. KLINGEL, Acting Head Coach of Swimming beginning September 1, 1952, and continuing until further notice, at a salary of \$6,100 a year.

The Director of the School of Physical Education also recommends the appointment of Mr. Eilbracht as Instructor in Physical Education for Men on 12 per cent time for one year from September 1, 1952, at a salary of \$800. Mr. Klingel is already an Instructor in Physical Education for Men on 28 per cent time at a salary of \$1,425 and will continue in that position.

I have approved these appointments.

On motion of Mr. Grange, these appointments were confirmed.

REPORT OF FINANCE COMMITTEE

The Finance Committee reports the following transactions involving securities:

Permanent Endowment Fund Investments

Purchase:

200 shares Illinois Power Company common stock @ 37½.....\$ 7 557 85
300 shares Mississippi River Fuel Corporation common stock @ 36½ 11 148 63

Sale:

275 shares National Distillers Products Corporation common stock
@ 30..... 8 193 39
256 shares Swift and Company capital stock @ 31¼..... 7 973 99

Current Restricted Funds Investments

Exchange:

\$1,000,000 U.S.A. 1½% certificates of indebtedness series A, due April 1, 1952,
for \$1,000,000 U.S.A. 1½% certificates of indebtedness due February 15,
1953.

Student Loan Fund Investments

Sale:

\$20,000 U.S.A. 1½% certificates of indebtedness due February 15, 1953.

Exchange:

\$40,000 U.S.A. 1½% certificates of indebtedness series A, due April 1, 1952,
for \$40,000 U.S.A. 1½% certificates of indebtedness series A, due February 15, 1953.

On motion of Mr. Fornof, these transactions were approved.

FILING OF REGULATIONS FOR ADMINISTERING THE ACCOUNTANCY ACT

The Secretary reports that, in compliance with the provisions of an act entitled "An Act concerning administrative rules" (House Bill 141,

Sixty-seventh General Assembly of Illinois), he has filed with the Secretary of State a certified copy of the regulations for administering the Accountancy Act, adopted by the Board of Trustees on November 23, 1951, as printed on pages 1294-1299 of the minutes.

These regulations were recommended by the Committee on Accountancy and in the draft of its report there was an error in the section on examinations. This section specifies the fee for each examination written under "Rule 30." The reference here should be to "Rule 31." The Secretary requests that the record of the meeting be amended accordingly.

On motion of Mr. Nickell, the record of the meeting of November 23, 1951, was amended as requested.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ANG, CHOH-YI, Research Assistant in Mining and Metallurgical Engineering (C), three months beginning June 16, 1952, \$250 a month (5-14-52).

ARKY, LOUIS H., Research Associate in the Institute of Labor and Industrial Relations, June 1, 1952-August 31, 1953, \$4400 a year (5-10-52).

BAKER, GEORGE S., Research Assistant in Mining and Metallurgical Engineering (C), three months beginning June 16, 1952, \$250 a month (5-14-52).

BEALL, JOHN W., Instructor in Social Sciences, in the Division of General Studies, for the academic year beginning September 1, 1952, \$4000. This appointment is contingent upon his securing the Ph.D. degree during the 1952 summer session (4-10-52).

BINKLEY, STEPHEN B., Associate Professor of Biological Chemistry, and Acting Head of the Department, in the College of Medicine, two months beginning July 1, 1952, \$972.50 a month. This is in addition to his present appointment. (5-17-52).

BUTZOW, ROBERT F., Instructor in Veterinary Clinical Medicine (C), June 16-August 31, 1952, \$358.34 a month (5-14-52).

CHANG, PEH-I, Research Associate in Entomology, in the Graduate College, three months beginning June 1, 1952, \$334.44 a month (5-14-52).

CHOW, VEN-TE, Research Assistant Professor of Civil Engineering (S), May 1, 1952-June 30, 1953, \$5000 a year, supersedes (4-29-52).

CONLEE, MRS. ARAHBELL, Temporary Head Resident in Busey Hall, two months beginning July 1, 1952, \$200 a month; for the convenience of the University she will also be furnished room and board valued at \$31 a month (5-12-52).

DANGERFIELD, ROYDEN, Professor of Political Science, and Director of Seminar, in the Kyoto Seminar in American Studies in Japan, July 23-September 6, 1952, \$1700 for the period. This is in addition to his present appointment. (On leave of absence, without pay, from regular University contract beginning August 15, 1952, and continuing through September 1, 1952.) (3-29-52).

DEMARÉE, ROBERT G., Assistant Professor of Psychology, on one-fourth time, seven months beginning February 1, 1952, to render service during the second semester of the academic year, \$91.67 a month, supersedes (5-10-52).

DIETZ, JESS C., Research Associate Professor of Civil Engineering (S), three months beginning June 1, 1952, \$722.22 a month. This is in addition to his present appointment. (5-17-52).

DOERFFER, FREDERICK R., Assistant in Obstetrics and Gynecology, in the College of Medicine, four months beginning May 1, 1952, without salary (5-9-52).

- DUMBLETON, MICHAEL J., Research Associate in Physics (C), eleven months beginning October 1, 1952, \$4800 a year (4-29-52).
- FLANAGAN, JOHN T., Professor of American Literature in the Kyoto Seminar in American Studies in Japan, July 23-September 6, 1952, \$1500 for the period. This is in addition to his present appointment. (3-29-52).
- FORD, MRS. EDNA K., Instructor in the School of Social Work, in the Chicago Professional Colleges, May 5-August 31, 1952, \$400 a month (5-6-52).
- FRAENKEL, GOTTFRIED S., Research Professor of Entomology, in the Graduate College, on one-half time, two months beginning June 16, 1952, \$416.50 a month. This is in addition to his present appointment. (5-6-52).
- GOODMAN, MORRIS, Research Associate in Pathology, in the College of Medicine, one year beginning September 1, 1952, \$5000 (5-14-52).
- GUTOWSKY, HERBERT S., Research Assistant Professor of Chemistry, in the Graduate College June 16-August 31, 1952, \$566.67 a month. This is in addition to his present appointment. (5-10-52).
- HAMEROW, THEODORE S., Instructor in History, for the academic year beginning September 1, 1952, \$4200 (4-29-52).
- HYDE, JOHN S., Instructor in Pediatrics, in the College of Medicine, one year beginning September 1, 1951, without salary (4-22-52).
- HYDE, VICTOR A., Associate Professor of Community Planning, on indefinite tenure beginning September 1, 1952, \$6000 a year, supersedes (5-9-52).
- JAEGER, ARNO, Research Associate in Mathematics, in the Graduate College, for the academic year beginning September 1, 1952, \$3800 (4-29-52).
- KELLOGG, MILFORD K., Research Associate in the Institute of Government and Public Affairs, four months beginning May 1, 1952, \$450 a month, supersedes (5-14-52).
- KING, ELLEN E., Research Assistant in Pharmacology, in the College of Medicine, five months beginning April 1, 1952, \$300 a month (4-21-52).
- KING, GERARD J., Research Assistant in Physics (C), two months beginning June 16, 1952, \$300 a month (4-29-52).
- LARSON, HAROLD A., Research Assistant in Mechanical Engineering (S), two months beginning June 16, 1952, \$300 a month, supersedes (4-29-52).
- LEMMON, MARY L., Instructor in Home Economics Education, on one-half time, for the academic year beginning September 1, 1952, \$2000 (5-14-52).
- LESEMANN, RALPH F., Professor of Law, on indefinite tenure, and Legal Counsel, one year beginning July 1, 1952, \$15,000 a year, supersedes (4-14-52).
- LITTMAN, ARMAND, Clinical Instructor in Medicine, in the College of Medicine, one year beginning September 1, 1951, without salary (5-14-52).
- McVITTIE, GEORGE C., Professor of Astronomy, and Head of the Department, on indefinite tenure beginning August 1, 1952, \$10,000 a year, supersedes (4-21-52).
- NELSON, JOHN, Clinical Instructor in Anesthesiology, in the College of Medicine, April 16-August 31, 1952, without salary (5-9-52).
- POWLES, JACK G., Research Associate in Chemistry, in the Graduate College, one year beginning September 1, 1952, \$5000 (5-9-52).
- ROOT, FAY H., Assistant Professor of Camp and Park Management (E), May 1, 1952-August 31, 1953, \$6000 a year, supersedes (5-17-52).
- ROSNER, MARVIN A., Clinical Assistant in Obstetrics and Gynecology, in the College of Medicine, four months beginning May 1, 1952, without salary (5-14-52).
- SILVA, PAUL C., Instructor in Botany, for the academic year beginning September 1, 1952, \$4000 (4-21-52).
- SIVERTSEN, JOHN M., Research Assistant in Mining and Metallurgical Engineering (C), three months beginning June 16, 1952, \$250 a month (5-14-52).
- STANLEY, WILLIAM O., JR., Associate Professor of Education in the Kyoto Seminar in American Studies in Japan, July 23-August 6, 1952, \$1500 for the period. This is in addition to his present appointment. (3-29-52).
- STEVENSON, A. LIONEL, Visiting Professor of English, for the academic year beginning September 1, 1952, \$9500 (4-24-52).

- STOECKER, WILBERT F., Research Associate in Mechanical Engineering (C), three months beginning June 16, 1952, \$400 a month. This is in addition to his present appointment. (5-5-52).
- STRAUB, HAROLD E., Research Associate in Mechanical Engineering (C), May 16-August 31, 1952, \$308.33 a month (4-29-52).
- SWAN, JOHN B., Research Associate in Physics (C), six months beginning June 16, 1952, \$425 a month (5-6-52).
- TIETZE, ANDREAS, Visiting Research Assistant Professor of Linguistics, in the Graduate College, for the academic year beginning September 1, 1952, \$4600 (5-17-52).
- WIEGAND, ALBERT J., Research Assistant in Mechanical Engineering (S), June 16-August 31, 1952, \$300 a month, supersedes (5-9-52).
- WOOSTER, JOHN J., Clinical Instructor in Psychiatry, in the College of Medicine, four months beginning May 1, 1952, without salary (5-2-52).
- YANG, CHUNG-TAO, Research Associate in Mathematics, in the Graduate College, for the academic year beginning September 1, 1952, \$3800 (5-6-52).
- YANKWICH, PETER E., Research Assistant Professor of Chemistry, in the Graduate College, three months beginning June 16, 1952, \$611.11 a month. This is in addition to his present appointment. (5-10-52).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- BEILFUSS, HARRY R., Fellow in Chemistry, two months beginning June 16, 1952, \$250 (4-29-52).
- BERESNIEWICZ, ALEXANDER, Fellow in Chemistry, two months beginning June 16, 1952, \$250 (4-23-52).
- BLOMSTROM, DALE C., Fellow in Chemistry, June 16, 1952-January 31, 1953, \$750 (4-29-52).
- CARPINO, LOUIS A., Minnesota Mining and Manufacturing Company Fellow in Chemistry, nine months beginning September 16, 1952, \$1400, supersedes (4-22-52).
- COLGROVE, RICHARD S., Minnesota Mining and Manufacturing Company Fellow in Chemistry, nine months beginning September 16, 1952, \$1400, supersedes (4-22-52).
- HILL, ROBERT W., Monsanto Chemical Company Fellow in Chemistry, nine months beginning September 16, 1952, \$1500 (5-8-52).
- HOLMES, WALLACE E., Wright Fellow in Agronomy, nine months beginning September 16, 1952, \$800 (4-23-52).
- HUBER, JOHN R., Wright Fellow in Agricultural Engineering, nine months beginning September 16, 1952, \$800 (4-23-52).
- KELLY, THOMAS L., Parke, Davis and Company Fellow in Chemistry, one year beginning September 1, 1952, \$1440 (5-1-52).
- KIPPUR, PERRY R., Western Cartridge Company Fellow in Chemistry, two months beginning June 16, 1952, \$400 (5-8-52).
- KIPPUR, PERRY R., Olin Industries Fellow in Chemistry, September 16, 1952-January 31, 1953, \$900 (4-23-52).
- KRAIMAN, EUGENE A., Visking Corporation Fellow in Chemistry, nine months beginning September 16, 1952, \$1500 (4-22-52).
- LANE, ARDELLE, National Cancer Institute Research Fellow in Clinical Science, in the College of Medicine, one month beginning April 1, 1952, \$100 (5-5-52).
- MANFREDI, ROLAND A., Fellow in Physiology, one year beginning July 1, 1952, \$1800 (4-17-52).
- MATHEWS, BERNETHEA A., Wright Fellow in Home Economics, nine months beginning September 16, 1952, \$800 (4-23-52).
- MCALEXANDER, ROBERT H., Wright Fellow in Agricultural Economics, nine months beginning September 16, 1952, \$800 (4-23-52).
- METTA, VENKATA C., Booth Fellow in Animal Nutrition, September 16, 1952-January 31, 1953, \$500 (4-23-52).
- MOHAMMED, CLIVE IMRAN, Fellow in Histology, one year beginning July 1, 1952, \$1800 (4-17-52).

- MOSS, FRANK A. J., Fellow in Chemistry, two months beginning June 16, 1952, \$250 (4-23-52).
- NIEMEYER, SUE, Wright Fellow in Home Economics, nine months beginning September 16, 1952, \$800 (4-23-52).
- NOVOTNY, ALBERT J., Fellow in Surgery, one year beginning July 1, 1952, \$1800 (4-17-52).
- PIROUZBAKHT, JAVAD, Booth Fellow in Agricultural Economics, nine months beginning September 16, 1952, \$800 (4-23-52).
- RETALLICK, WILLIAM B., Pittsburgh Consolidation Coal Company Fellow in Chemical Engineering, nine months beginning September 16, 1952, \$1500 (4-24-52).
- SANFTNER, ROGER W., Western Cartridge Company Fellow in Chemistry, two months beginning June 16, 1952, \$400 (5-8-52).
- SANFTNER, ROGER W., Olin Industries Fellow in Chemistry, nine months beginning September 16, 1952, \$1800 (4-24-52).
- SAXTON, MRS. PATRICIA, Fellow in Chemistry, two months beginning June 16, 1952, \$250 (4-23-52).
- SAXTON, MRS. PATRICIA, Fellow in Chemistry, nine months beginning September 16, 1952, \$1400, supersedes (4-23-52).
- SCHULTZ, JOHN, JR., Chicago Vitreous Enamel Product Fellow in Ceramic Engineering, ten months beginning September 1, 1952, \$1000 (5-9-52).
- SMITH, MARK E., Fellow in Surgery, one year beginning July 1, 1952, \$1800 (4-17-52).
- SMITH, WILLIAM C., Victor Chemical Company Fellow in Chemistry, nine months beginning September 16, 1952, \$1500 (5-8-52).
- SNEEN, RICHARD A., Fellow in Chemistry, nine months beginning September 16, 1952, \$1000 (4-22-52).
- SUNDSTROM, K. V. YNGVE, Cincinnati Chemical Works Fellow in Chemistry, nine months beginning September 16, 1952, \$1400, supersedes (4-20-52).
- VAN DUUREN, BENJAMIN L., Postdoctoral Fellow in Chemistry, in the Graduate College, two months beginning June 16, 1952, \$300 a month (4-25-52).
- WALKER, JOHN F., Procter and Gamble Fellow in Chemistry, nine months beginning September 16, 1952, \$2100 (5-8-52).
- WERBEL, LESLIE M., American Cyanamid Company Fellow in Chemistry, nine months beginning September 16, 1952, \$1500 (4-22-52).
- YOUNG, T. E., Fellow in Chemistry, two months beginning June 16, 1952, \$250 (4-23-52).

RESIGNATIONS AND DECLINATIONS

- BATES, GERTRUDE L., Assistant Professor of Psychology—resignation effective 7-15-52.
- BERNER, MOLLY J., Fellow in Physical Education—resignation effective 4-1-52.
- BLOMSTROM, DALE C., Fellow in Chemistry—resignation effective 9-16-52.
- BRASMER, TIMOTHY H., Instructor in Veterinary Clinical Medicine (C)—resignation effective 7-1-52.
- CHERNOFF, HERMAN, Associate Professor of Mathematical Statistics—resignation effective 9-1-52.
- CURRY, GORDON W., Clinical Assistant Professor of Anesthesia (Rush), in the College of Medicine—resignation effective 12-1-51.
- DONAHOE, ALFRED H., III, Fellow in Electrical Engineering—declination effective 9-16-52.
- DRISCOLL, MAE A., to give instruction in Physics, in the Undergraduate Division in Chicago, in the Summer Session of 1952—declination effective 6-20-52.
- DUFNER, MAX, Postdoctoral Fellow in German, in the Graduate College—declination effective 9-16-52.
- GAY, GRETA P., Research Assistant in Education—resignation effective 5-29-52.
- GOULSON, MRS. FRANCES M., to give instruction in Humanities, in the Undergraduate Division in Chicago, in the Summer Session of 1952—declination effective 6-20-52.
- HARRELL, THOMAS W., Associate Professor of Psychology—resignation effective 9-1-52.

- HOCH, RITA A., Assistant in Pharmacy, in the College of Pharmacy — resignation effective 7-1-52.
- HOLMES, WALLACE E., Wright Fellow in Agronomy — declination effective 9-16-52.
- HOUGH, JACK L., to give instruction in Geology in the Summer Session of 1952 — declination effective 8-15-52.
- HUBBLE, CARROLL J., Manager of Temporary Dormitories — resignation effective 4-1-52.
- KAHLER, FREDERICK A., III, Instructor in Theoretical and Applied Mechanics, in the Undergraduate Division in Chicago — resignation effective 4-20-52.
- KEANE, MARGARET B., Assistant in Animal Nutrition (Animal Science) (S) — resignation effective 5-21-52.
- KRAIMAN, EUGENE A., Fellow in Chemistry — declination effective 9-16-52.
- LARSON, HAROLD A., Research Assistant in Mechanical Engineering (S) — declination effective 6-16-52.
- LASS, HARRY, Assistant Professor of Mathematics — resignation effective 9-1-52.
- LENNON, MRS. ROSE V., Assistant Catalog Librarian, with the rank of Instructor, in the Chicago Undergraduate Division — resignation effective 8-1-52.
- MARTZ, ELIZABETH, Fellow in Mathematics — resignation effective 9-16-52.
- MAUTZ, ROBERT K., to give instruction in the Department of Business Organization and Operation in the Summer Session of 1952 — declination effective 6-13-52.
- MCALEXANDER, ROBERT H., Wright Fellow in Agricultural Economics — declination effective 9-16-52.
- MCCULLOCH, WARREN S., Professor of Psychiatry and Physiology, and Neuro-physiologist, in the Department of Psychiatry, and Professor of Physiology, in the Department of Physiology, in the College of Medicine — resignation effective 9-1-52.
- McEVOY, RAYMOND H., Assistant Professor of Economics — resignation effective 9-1-52.
- NASH, CLEVE C., Associate Professor of Electrical Engineering (C) — resignation effective 9-1-52.
- REID, MARGARET C., Professor of Economics — resignation effective 9-1-52.
- RICKETTS, ROBERT M., Instructor in Orthodontics, in the College of Dentistry, and Orthodontist to the Cleft Palate Training Program, in the Division of Services for Crippled Children — resignation effective 6-26-52.
- SEIFERT, KARL-FRIDERICH, Fellow in Physics — declination effective 9-16-52.
- SHERE, MRS. MARIE, to give instruction in the Department of Speech in the Summer Session of 1952 — declination effective 6-13-52.
- SILBERGELD, SAM, Assistant Professor of Physical Sciences, in the Chicago Undergraduate Division — resignation effective 9-1-52.
- SUGI, MASAKI, Fellow in Theoretical and Applied Mechanics — resignation effective 9-16-52.
- TAMRES, MILTON, to give instruction in Chemistry in the Summer Session of 1952 — declination effective 6-13-52.
- TANG, CHARLES CHEN-HSI, Fellow in Electrical Engineering — resignation effective 9-16-52.
- TICHACEK, LOUIS J., Pan American Refining Company Fellow in Chemical Engineering — resignation effective 9-16-52.
- WALES, HUGH G., to give instruction in the Department of Business Organization and Operation in the Summer Session of 1952 — declination effective 6-13-52.
- WEST, LLOYD A., Fellow in Agricultural Economics — resignation effective 9-16-52.
- ZANOTTI, GEORGE J., to give instruction in General Engineering Drawing, in the Undergraduate Division in Chicago, in the Summer Session of 1952 — declination effective 6-20-52.

LEAVES OF ABSENCE

- BENNE, KENNETH D., Professor of Education — leave of absence, without salary, at the close of the second semester of 1951-1952, to undertake postdoctoral study or to join a foreign educational mission.
- EDELMAN, J. MURRAY, Assistant Professor of Political Science, and in the Institute of Labor and Industrial Relations — leave of absence, without

salary, for one year beginning September 1, 1952, so that he may study abroad.

HACKLEMAN, JAY C., Professor of Crop Extension (Agronomy) (E) — leave of absence, without salary, for one year beginning May 1, 1952, so that he may accept an assignment for service abroad as Crop Production Specialist for the Mutual Security Agency.

HIESER, LUCILE, Instructor in Home Economics 4-H Club Work (Home Economics) (E) — leave of absence, without salary, for eleven months beginning October 1, 1952, for the purpose of graduate study at Cornell University.

HUDSON, ROBERT B., Associate Professor of Journalism and Communications, and Director of University Broadcasting — leave of absence, without salary, for three months beginning May 15, 1952, so that he may accept a full-time assignment with the Fund for Adult Education during the period indicated.

PULOS, ARTHUR J., Associate Professor of Art — leave of absence, without salary, for one year beginning September 1, 1952, so that he may use the Ford Foundation Fellowship he has been granted for study elsewhere.

TRIMBLE, HAROLD D., Associate Professor of Education, on the University Council on Teacher Education — leave of absence, without salary, beginning May 7, 1952, and continuing until such time as he is able to resume his duties or until he retires after reaching age sixty-eight.

UNIVERSITY CIVIL SERVICE SYSTEM OF ILLINOIS

Mr. Grange, Chairman of the Committee on Nonacademic Personnel and Chairman of the Merit Board of the University Civil Service System of Illinois, reported informally on the activities of the Merit Board. The Merit Board has had three meetings since it was established and began functioning in January, 1952.

LEASE OF SPACE IN ILLINI ARCADE BUILDING

President Livingston presented a letter he had received from Mr. Norval D. Hodges, attorney for the heirs of the late John Katsinas, requesting that the Board of Trustees reconsider its action of March 13, 1951, regarding the lease of space in the Arcade Building in which the Katsinas interests have been operating a restaurant. The Katsinas interests are again seeking a renewal of the lease which expires on August 31, 1952. A copy of the letter was given to the Secretary of the Board for record.

Mr. Livingston referred the letter to the Committees on Buildings and Grounds and on General Policy, with Mr. Megran as Chairman of the joint committee, for consideration and recommendation to the Board at its next meeting.

RECOGNITION OF RETIRING MEMBERS OF ACADEMIC STAFF

Mrs. Watkins proposed that when members of the academic staff retire they be given some form of recognition by the Board of Trustees for their services to the University.

On motion of Mr. Nickell, this proposal was referred to the President of the University for study and report to the Board at its next meeting.

JUNE AND JULY, 1952, MEETINGS

By unanimous consent it was agreed that the next two meetings will be held on Thursday, June 19, beginning at 12:30 p.m. C.D.S.T. at the Chicago Undergraduate Division (Navy Pier), and on Wednesday, July 16, beginning at 12:30 p.m. C.D.S.T. at Robert Allerton Park.

INSPECTION TOUR OF THE CHICAGO PROFESSIONAL COLLEGES

Mr. C. Lincoln Williston, Manager of Public Information at the Chicago Professional Colleges, outlined the plans for the tour of the Medical Center District and inspection of laboratories and clinics at the Chicago Professional Colleges which would take place following luncheon.

On motion of Mr. Grange, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

June 19, 1952



The June meeting of the Board of Trustees of the University of Illinois was held in the Office of the Dean of the Chicago Undergraduate Division, at Navy Pier, Chicago, Illinois, on Thursday, June 19, 1952, beginning at 12:30 p.m., Central Daylight Saving Time.

The following members were present: Mr. John R. Fornof, Mr. Harold E. Grange, Mr. Wirt Herrick, Mr. Robert Z. Hickman, Mrs. Doris S. Holt, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Herbert B. Megrn, Mr. Vernon L. Nickell, Mrs. Frances B. Watkins. Governor Adlai E. Stevenson was absent.

Also present were President George D. Stoddard, Provost C. R. Griffith, Vice-President A. C. Ivy, Dean C. C. Caveny, Mr. J. F. Wright, Director of Public Information, Mr. C. Lincoln Williston, Manager of Public Information for the Chicago Professional Colleges, Mr. H. A. Hazleton, Business Manager for the Chicago Professional Colleges, Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following reports and recommendations from the President of the University.

**APPOINTMENT OF RICHARD J. WINZLER AS HEAD OF
THE DEPARTMENT OF BIOLOGICAL CHEMISTRY**

(1) The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. Richard J. Winzler, Professor of Biochemistry at the University of Southern California School of Medicine, as Professor and Head of the Department of Biological Chemistry in the College of Medicine on indefinite tenure beginning July 1, 1952, at an annual salary of \$11,500 (AY).

This is to fill the vacancy created by the resignation of Dr. Otto A. Bessey. Associate Professor S. B. Binkley has been serving as Acting Head of the Department.

I concur.

On motion of Mr. Johnston, this appointment was approved.

**APPOINTMENT OF MIODRAG MUNTYAN AS DIRECTOR
OF THE UNIVERSITY PRESS**

(2) The directorship of the University Press has been a part-time position since it was established in 1918. Mr. H. E. Cunningham, the first Director, served also as Secretary of the Board of Trustees. The present Director, Dr. Wilbur Schramm, is also Dean of the Division of Communications and Research Professor of Journalism and Communications. Dean Schramm advises me that it has become increasingly clear that for the best interests of the University and of the Press, it should have a full-time head with full responsibility and authority. His judgment has been confirmed by other members of the faculty whose administrative and research responsibilities have close relationships with the functions of the Press. Dean Schramm has asked to be relieved of his duties as Director of the University Press, effective on the appointment of a successor.

Accordingly, I recommend the appointment of Mr. Miodrag Muntyan, now Executive Editor (with the rank of Assistant Professor) of the University Press, as Director (with the rank of Assistant Professor), effective July 1, 1952, at an annual salary of \$8,000 on a Y basis. He has been a member of the University Press staff since 1933, starting as a part-time editorial assistant, and has grown with it. He is highly regarded in the university publishing field not only by members of the University of Illinois faculty but by executives of other university presses.

On motion of Mr. Nickell, this appointment was approved.

APPOINTMENTS TO THE FACULTY

(3) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. GEORGE E. ANNER, Associate Professor of Electrical Engineering, beginning September 1, 1952, at an annual salary of \$5,750 (A).

2. SAMUEL M. FUTRAL, JR., Assistant Professor of General Engineering Drawing, Chicago Undergraduate Division, beginning September 1, 1952, at an annual salary of \$5,200 (D).

3. FRANCIS E. LOW, Assistant Professor of Physics, beginning September 1, 1952, at an annual salary of \$5,700 (D).

4. GEORGE F. SCHRADER, Assistant Professor of Mechanical Engineering, beginning September 1, 1952, at an annual salary of \$5,300 (D).

5. NELLIE K. SEHL, Assistant Professor of Nursing, School of Nursing, Chicago Professional Colleges, beginning September 1, 1952, at an annual salary of \$6,000 (DY).

On motion of Mrs. Watkins, these appointments were confirmed.

CHANGES IN SABBATICAL LEAVES OF ABSENCE FOR 1952-1953

(4) I recommend the following changes in sabbatical leaves of absence approved by the Board of Trustees for 1952-1953:

- ARCHIBALD W. ANDERSON, Professor of Education, leave to be for the second semester on full pay instead of the first semester.
 M. ZBIGNIEW KRZYWOBLOCKI, Professor of Aeronautical Engineering, cancellation without prejudice of leave of absence for the second semester on full pay.
 R. W. JUGENHEIMER, Professor of Plant Genetics, from leave of absence for the first semester on full pay to leave of absence for one year beginning July 1, 1952, on one-half pay.

On motion of Mr. Grange, these changes were approved.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(5) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who have qualified under Section 4b of the Accountancy Act of 1943, as amended, by passing examinations given by the Special Board of Examiners at various times prior to December 6, 1951. The certificates of these candidates were invalidated by the Circuit Court of Cook County in 1951 holding Section 4b of the Accountancy Act as originally passed unconstitutional. Subsequently, the Section was amended. These candidates have again qualified but new certificates will have to be issued.

EMANUEL I. GOLDFINE (Chicago)

MILTON TAUBER (Chicago)

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>City</i>	<i>State from Which They Obtained Certificates</i>
JACK AIGH HORWITZ	Chicago	North Carolina
ROBERT JOHN KOLF	Dubuque, Iowa	Iowa
BERNARD LISS	Chicago	District of Columbia
JAMES JOSEPH MCCARTHY	Westchester	District of Columbia
CARLIN PAUL OLIPHANT	Collinsville	Missouri
DONALD JOSEPH RICE	Belleville	Missouri
WILLIAM JOSEPH TINEN	Northbrook	District of Columbia
HOWARD RICHARD WALSH	Chicago	District of Columbia

I concur.

On motion of Mr. Megran, these certificates were awarded.

DEGREE OF DOCTOR OF PHILOSOPHY IN MUSICOLOGY

(6) The Faculty of the School of Music and the University Senate recommend the establishment of a curriculum leading to the degree of Doctor of Philosophy in Musicology to be set up as follows:

This degree will be offered in such fields of music as merit and demand research methods. It is intended for those applicants whose interest lies in research in the history of music, the theory of music, the psychology of music, comparative musicology, aesthetics, and generally the relation of music to social life and thought. The proposed Ph.D. program in Musicology is based on the requirement of a minimum of twenty-four units of graduate credit, eight of which will be in Music 493 (Research) and will be devoted to the completion of an original doctoral thesis.

Requirements for Admission

In addition to meeting the general requirements for admission to the Graduate College, an applicant will be admitted to the program only upon recommendation of the Graduate Committee of the School of Music, which will consider each application to ensure that:

(a) The student is prepared to undertake the advanced program by having successfully completed work equivalent to that expected by the School of Music from students holding the Bachelor of Music degree with major field in the History and Theory of Music.

(b) The student is prepared to undertake the advanced program by an adequate background in the liberal arts and sciences. To this end, students will be expected to demonstrate a competence equivalent to that of the successful completion of elementary courses in each of the following: two semesters of college mathematics, two semesters of a physical or biological science, two semesters of psychology or a social science, two semesters of European history or American history or history of civilization, two semesters of English or other literature, two semesters of philosophy.

The Graduate Committee of the School of Music reserves the right to require a student to reinforce his preparation in the following areas, when these are relevant to his program of study, by the successful completion of at least two semesters of study beyond an elementary level: European history (ancient, medieval, modern) or American history; English or other literature; aesthetics, art history, or history of ideas.

(c) The student has promise of superior ability and outstanding achievement, qualities commonly expressed by an average of higher than 4.25 in the student's previous graduate work though other indications will also be evaluated; but in no case will admission to the doctoral program be granted to a student who has maintained a graduate average of less than 4.0, or who has had the equivalent of two units of work below B in his previous graduate study.

(d) The student is adequately prepared to pursue the doctoral program as determined by examinations administered by the Graduate Committee of the School of Music, including examinations in applied music, theory of music, and history of music. An unsatisfactory showing in any of these examinations by an applicant who meets other prerequisites may lead to provisional acceptance, but such students will be expected to pass all examinations during their first year of work.

Degree Program

After admission to the Ph.D. program in Musicology, the student must fulfill all requirements of the Graduate College pertaining to residence, number of units of graduate work, thesis, examinations, calendar, grades, major and minor fields, and foreign languages.

Admission to candidacy will be recommended only after successful completion of the following:

(a) Sixteen units of graduate credit, at least twelve of which must be in the field of music and include Music 322, 338, 346, 347, 438, 439, 444, and 445, plus a minimum of two units each in one or two of the following minor fields: history, philosophy, psychology, related arts, English or other literature, sociology, classics, anthropology, acoustics, electrical engineering, journalism, or education. Other minor fields may be accepted upon recommendation of the major adviser. No more than two of the sixteen units may be in applied music.

(b) In addition to the general requirements of the Graduate College pertaining to foreign languages, an examination in one or more additional foreign languages where, in the opinion of the Graduate Committee, such ability is necessary for proper research in the student's field of concentration.

(c) A preliminary examination administered by a committee appointed by the Dean of the Graduate College. This examination will consist of a written examination on the history of music; a written examination in the area of the student's field of concentration; the submission at least a month prior to the written examinations of a score of a free composition, a fugue or an instrumentation project, of a nature approved by the Graduate Committee of the School of Music; and an oral examination on the general field of musicology and on the results of the written examinations.

I concur.

On motion of Mrs. Holt, this curriculum was authorized.

CHANGES IN MASTER'S DEGREES IN ART

(7) The Faculty of the College of Fine and Applied Arts and the University Senate recommend the following changes in the titles, admission requirements, and programs leading to the several master's degrees offered in the Department of Art.

For students whose major field is art education or art history, the name of the degree to be conferred shall be Master of Arts, rather than Master of Fine Arts, as heretofore. It is further proposed that candidates for admission to the master's degree program in art education must have a teaching certificate in their field, or be eligible for one.

For students whose major field is design or painting and graphics, the name of the degree shall continue to be Master of Fine Arts, the requirement of eight units of study shall be increased to twelve and the areas of study shall be extended as indicated in the following revised requirements.

Design Major

To qualify for the degree, with a major in design, each student is required to complete successfully all of the following courses to the minimum of twelve units. A thesis is required.

Art 491, Special Problems, 1 to 3 units

Art 493, Seminar, 1 unit

Art 477, Design Laboratory, 4 to 6 units

Art History (two courses elected from the group Art 311 through Art 318), 1½ units

Art Electives (Art 333, 341, 351, 355, 371, 372, 494, and Art History), 2 to 3 units

Painting and Graphics Major

To qualify for the degree, with a major in painting and graphics, each student is required to complete successfully all of the following courses to the minimum of twelve units. A thesis is required.

Art 341, Painting Materials and Techniques, ½ unit (substitution of credit in other courses may be made for this subject by permission of Departmental Graduate Committee)

Art 491, Special Problems, 1 to 3 units

Art 493, Seminar, 1 unit

Art 495, Painting Laboratory, 2 to 6 units

Art 497, Graphics Workshop, ½ to 6 units

Art History (two courses elected from the group Art 311 through Art 318), 1½ units

Art Electives (Art 351, 371, 372, 494, and Art History), 1 to 2 units

I concur.

On motion of Mr. Nickell, these changes were approved.

DEGREE OF MASTER OF SCIENCE IN RECREATION

(8) The Faculty of the School of Physical Education and the University Senate recommend establishment of a graduate program leading to the degree of Master of Science in Recreation to be set up as follows:

Requirements for Admission

(a) A minimum grade-point average of 3.5 for all courses taken during the last two years in earning the bachelor's degree; (b) thirty semester hours of approved undergraduate credit in recreation or closely allied courses; (c) fifteen semester hours in the social and psychological sciences; (d) eight semester hours of undergraduate credit in the natural sciences; and (e) a course in tests and measurements or statistics. Applicants lacking a portion of the prerequisites under item (b) may substitute certified professional field experience, not to exceed eight semester hours. Students will not be admitted on limited status.

Requirements for Graduation

(a) Four units of credit in approved courses in recreation, education, political science, psychology, social work, and sociology; (b) two units of approved electives to be chosen in art, botany, geology, health education, landscape architecture, literature, music, physical education, speech, and zoology; (c) registration in and satisfactory completion of Recreation 490 (Seminar) for one semester, without credit; (d) presentation of an acceptable thesis in recreation (two units).

Candidates may petition for a waiver of the thesis requirement. Those who are excused are required to secure two units of credit in lieu of thesis credit and in addition are required to take and pass a final comprehensive written examination in recreation.

I concur.

On motion of Mr. Fornof, this curriculum was authorized.

CHANGES IN REQUIREMENTS FOR THE DEGREE OF BACHELOR OF LAWS

(9) The Faculty of the College of Law and the University Senate recommend that the requirements for graduation with the degree of Bachelor of Laws be amended to read as follows:

All students who enter the College of Law as candidates for the degree of Bachelor of Laws are required, as conditions for graduation with that degree (a) to enroll in and complete the work in all courses listed in the law curriculum for first-year students, and (b) to enroll in and complete the work in at least one seminar course listed in the law curriculum for advanced students.

Students entering after September 1, 1952, will be subject to the requirements as amended.

I concur.

On motion of Mr. Herrick, these changes in graduation requirements were authorized as recommended.

DEGREE OF BACHELOR OF SCIENCE IN NURSING

(10) The faculty of the School of Nursing and the University Senate recommend establishment of the following program leading to the degree of Bachelor of Science in Nursing open to all holders of the Diploma in Nursing conferred by any of the hospital schools of nursing affiliated with the University of Illinois. At present these are Michael Reese Hospital, Presbyterian Hospital, St. Luke's Hospital, and Cook County Hospital, all in Chicago.

The program consists of four semesters, plus one summer session or half-semester of eight weeks. The first two semesters are in the College of Liberal Arts and Sciences, either in Urbana or at the Chicago Undergraduate Division, the third semester in the College of Liberal Arts and Sciences in Urbana, and the remainder in the University of Illinois School of Nursing, with residence as indicated.

Requirements for Admission

Admission shall be to the College of Liberal Arts and Sciences and will be granted upon fulfillment of the following conditions.

(a) Certification by the University of Illinois School of Nursing that the candidate holds the Diploma in Nursing from one of the affiliated schools, there received grades averaging 3.5 in theory and practice and is recommended by the affiliated school.

(b) Satisfaction of the requirements for admission to the general curriculum in the College of Liberal Arts and Sciences.

(c) Certification by the University of Illinois School of Nursing that the candidate has achieved on the Graduate Nurse Test Battery of the National League of Nursing Education a score not lower than $1\frac{1}{2}$ s.d. below the mean of collegiate norms for each of the clinical fields. This certification shall entitle the candidate to a block credit of forty semester hours in Clinical Nursing.

(d) Certification by the University of Illinois School of Nursing that the candidate has passed examinations (as set by the National League of Nursing Education) for advanced standing in Microbiology (four semester hours) and Anatomy and Physiology (five semester hours).

(e) Passing of examinations for advanced standing in Rhetoric and Composition (six semester hours) and General Chemistry (five semester hours), administered by the appropriate departments of the College of Liberal Arts and Sciences.

(f) Failure to demonstrate proficiency in any or all of the fields listed under paragraphs (d) and (e) shall not preclude admission to the Continuation Program,

but shall require adding to the candidate's program appropriate courses in the subjects indicated. Courses taken for making up such deficiencies shall not in any case count as electives within the sixty semester hours of the Continuation Program.

Requirements for Graduation

Each candidate for the degree must earn 120 semester hours, including thirty hours of advanced work done in residence. Sixty of these hours shall be those specified in paragraphs (c), (d), and (e) under Admission, above. The remaining sixty hours, constituting the Continuation Program proper, must be passed with an over-all average of 3.0 and shall be made up as follows, subject to such rearrangement of courses or lengthening of the period of study as may be required because of entrance deficiencies, which should be removed within the first year.

First Year

(Navy Pier or Urbana)

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Chem. 105—Inorganic Chemistry and Qualitative Analysis ¹	5	Chem. 133—Elementary Organic Chemistry ¹	5
D.G.S. 141—Physical Science (or Physics 105 at Chicago).....	4	Humanities ²	4
Humanities ²	4	Psych. 150—Personality and Social Behavior.....	3
Electives ³	2 to 4	Electives ³	3 to 4
Total.....	15 to 17	Total.....	15 or 16

Second Year

FIRST SEMESTER (Urbana)	HOURS
Social Sciences.....	6 or 9
For students electing Community Nursing:	
Psych. 216—Child Psychology.....	3
Sociol. 220—Marriage and the Family.....	3
Sociol. 276—Sociology of the City, or Sociol. 277—Rural Sociology.....	3
For students electing Institutional Nursing:	
Psych. 250—Psychology of Personality.....	3
Psych. 255—Social Psychology, or Psych. 338—Abnormal Psychology, or Sociology 212—Culture Patterns and the Individual.....	3
Phil. 105—Moral Ideas and Practice.....	2
Ed. 211—Educational Psychology.....	3
Electives (other courses in social sciences, or courses in the biological sciences, or other courses with permission of the Director of the School of Nursing, to total at least 14 hours).....	15

SECOND SEMESTER (Urbana or Chicago)

Students transfer to the University of Illinois School of Nursing as candidates for the degree of Bachelor of Science in Nursing. Courses in this group will be offered alternately at the Chicago Professional Colleges and on the Urbana campus, if registration warrants.

Nursing 301—Introduction to Community Nursing (for students electing Community Nursing), or Nursing 300—Introduction to Management in Nursing (for students electing Institutional Nursing).....	3
Nursing 200—Principles of Health Teaching.....	2
Nursing 302—Seminar in Trends and Problems in Nursing Services.....	3
Electives (as required to bring total credit hours to 116 in this semester; minimum 3 hours)	

¹ Until revised sequence in chemistry is prepared and approved.

² A humanities general education sequence or courses in literature. May be deferred to senior year if student needs to remove deficiencies during the first year.

³ Suggested electives are mathematics, foreign language, history, literature, or music appreciation. Electives may be deferred until senior year if student needs to remove deficiencies during the first year.

SUMMER SESSION OR HALF SEMESTER

Nursing 311—Field Practice in Community Nursing (for students electing Community Nursing), or Nursing 310—Field Practice in Management in Nursing (for students electing Institutional Nursing).....4

Candidates will be admitted to the revised program beginning in September, 1952.

I concur.

On motion of Mr. Grange, this program was authorized.

ADVANCED CERTIFICATE IN MUSIC EDUCATION

(11) The Faculty of the School of Music and the University Senate recommend establishment of a program leading to the Advanced Certificate in Music Education set up as follows:

The program leading to the Advanced Certificate in Music Education shall consist of a minimum of one year of work beyond the master's degree and is designed to provide advanced professional preparation for music educators. It is a terminal program and students who become candidates for the Certificate will not be considered as beginning work leading to the degree of Doctor of Education with a major in Music Education.

Admission

A candidate for admission must hold a master's degree in music or music education from an accredited institution and must have maintained a B average in all previous graduate work. He must have completed satisfactorily at least two years of professional employment in music education.

At the first registration, placement examinations will be administered in music theory and applied music to determine the candidate's level of proficiency in those areas. A candidate whose level of proficiency is below that required by the University of Illinois for the Bachelor of Science degree in Music Education will be required to take work in addition to the course work prescribed in the section on Program.

Residence

The minimum residence requirement is one semester during which a minimum of three units is successfully completed, or two summer sessions during each of which a minimum of two units is successfully completed. All work for the Certificate may be completed in summer sessions.

Program

A minimum of eight units of course work beyond the master's degree is required. All of the course work must be taken on the Urbana campus of the University. Music 420 and 421 and either Education 411 or 412 are required. The remainder of the program will be based upon the student's needs and interests and upon the deficiencies revealed in the placement tests. No more than one unit of applied music may be counted toward the Certificate.

Students who at the time of first registration do not hold from the state in which they are employed a valid teaching certificate in music will be required to take courses sufficient to meet the certification requirements with the prior approval of the adviser. Courses in music which carry two-hundred numbers may be approved for graduate credit, not to exceed two units in all. Such credit will be computed at the rate of one-quarter unit for each semester hour, and will not be accepted in any degree program except the Advanced Certificate.

I concur.

On motion of Mrs. Holt, this program was authorized.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(12) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

1. College of Agriculture, equipment for south farm.....	\$ 6 000
2. Armed Forces, storage facilities in Armory.....	4 000
3. College of Education Clinic, remodeling.....	15 000
4. Department of Medical Social Work, equipment.....	4 500
<i>Total.....</i>	<i>\$29 500</i>

I recommend that these appropriations be made from the General Reserve Fund.

On motion of Mr. Johnston, these appropriations were made by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

WATER RATES LITIGATION

(13) The Northern Illinois Water Corporation has appealed to the Circuit Court of Champaign County from the decisions of the Illinois Commerce Commission granting the Corporation approximately one-fourth of the rate increases it had requested.

In accordance with the previous authorization by the Board of Trustees, the University will join with the cities of Urbana-Champaign in contesting this appeal with the understanding that the University will pay thirty per cent of the costs incurred, as heretofore.

On motion of Mr. Herrick, these payments were authorized.

PATENTABLE DISCOVERIES

(14) The University Patent Committee submits the following reports and recommendations relating to potentially patentable discoveries.

1. William J. Fry, Research Assistant Professor of Electrical Engineering, and his wife, Mrs. Ruth B. Fry, have recently developed an acoustic probe which has possibilities of usefulness as a general laboratory instrument for measuring sound intensities in an acoustic field and thus may have commercial value. The University Patent Committee recommends that the University of Illinois Foundation be requested to negotiate with appropriate instrument manufacturers for the patenting, development, and manufacture of this instrument. In the event the Foundation finds it would not be feasible to seek patent protection, the Committee recommends that all rights be released to the United States Air Force, since the acoustic probe is a direct result of research conducted under a contract with the Air Force.

2. William J. Fry, Assistant Professor of Electrical Engineering, and Francis J. Fry, Research Associate in Electrical Engineering, have developed a variable resonant frequency transducer as a result of research work under a contract with the Department of the Navy. This transducer is intended primarily for use in underwater sound equipment. Since their disclosure is essentially an extension of an existing patent application by others, it could be considered only in terms of design patent possibilities. In view of this, the University Patent Committee questions the wisdom of spending funds on a patent application and recommends that all rights to this device which have been disclosed be released to the Navy.

3. Francis J. Fry has recently disclosed three inventions: an ultrasonic transducer, pressurized ultrasonic apparatus, and a three-coordinate positioning device developed as a result of research work under a contract with the Office of Naval Research. These devices, or modifications thereof, are of use primarily in highly specialized fields of biological and medical research and therefore are not likely to have any commercial value. Hence, the University Patent Committee recommends all rights to these inventions be released to the Navy.

4. G. E. Pickard, Professor in the Department of Agricultural Engineering, reports that John Orcutt, working under his supervision, has developed an improved fertilizer conditioner which may be patentable. It is effective in reducing caking which is a hindrance to satisfactory application of commercial fertilizers. In the opinion of the Head of the Department of Agronomy, a patent covering this conditioner would not provide sufficient protection for commercial development since other substances would give the same general effects as those ascribed to the conditioner reported by Professor Pickard. In view of this, the University Patent Committee believes that the University would not be justified in expending funds on securing a patent and recommends that all rights to this discovery be released to the discoverer.

5. Vernon J. Fowler, Research Assistant in Electrical Engineering, has reported an invention, transmission-line tubes, a new class of amplifying tubes for obtaining large amplifications of voltage and/or power over wide frequency bands

at frequencies from zero to one thousand or more megacycles per second, as the result of research work under a contract with the Office of Naval Research. As required by the contract, this device was disclosed to the Office of Naval Research which has expressed an interest in it. The Head of the Department of Electrical Engineering considers the device of fundamental importance and hence suitable for patent application by the University. The University Patent Committee recommends that the University of Illinois Foundation be requested to undertake a patent search and to secure protection for the device. In the event the University secures a patent, it must grant the Navy a royalty-free license under the terms of the contract. Should initial investigation disclose it would not be feasible to pursue the patent application, the Committee recommends that all rights to the invention be released to the Navy.

6. Ludwig F. Audrieth, Professor of Chemistry, and Ralph Gher, Jr., graduate student in chemistry, have developed a preparation of hydrazine derivatives of the phosphoric and phosphonic acids and their thio compounds and their aldehyde and ketone derivatives for use as agricultural chemicals. This substance appears to have an activity on plants equal to or greater than that of 2,4-D. If the initial evaluation is verified, it would appear that their discovery should be protected by patents. The University Patent Committee recommends that the University of Illinois Foundation be requested to negotiate with industrial organizations with respect to the development of, and secure patents for, this substance. Much development work by some industry remains to be done, and no organization can be expected to incur the expense involved without some assurance of profit. Hence the Committee recommends that the Foundation be authorized to negotiate an agreement on an exclusive basis.

7. Ludwig F. Audrieth, Professor of Chemistry, and Earle S. Scott, graduate student in chemistry, have developed compounds which are carbonic and thiocarbonic derivatives of hydrazine and which appear to have some use as fungicides. Since the substances are not new, no product patents could be obtained. Limited use patents are of dubious value and the University Patent Committee therefore recommends that all rights to this discovery be released to Messrs. Audrieth and Scott to be developed as they see fit.

8. William J. Fry and Francis J. Fry, of the Department of Electrical Engineering, have developed a multiple beam focused ultrasonic irradiator. The device is unique in that it provides a desired sound intensity in a particular region by using an array of transducers, each producing a low intensity focused beam, in such a manner that the beams are crossed in the selected region. The University Patent Committee is of the opinion that even though patent coverage can be secured, the utility of the device would be so limited that the expense of securing a patent would not be warranted. Accordingly, the Committee recommends that all rights for this invention be released to the Messrs. Fry to develop as they see fit.

I concur.

On motion of Mr. Megran, these recommendations were approved.

AMENDMENT OF POLICY AND RULES RELATING TO COMPENSATION AND WORKING CONDITIONS OF NONACADEMIC EMPLOYEES

(15) The Merit Board of the University Civil Service System of Illinois recommends to the member institutions adoption of uniform regulations relating to legal holidays, work week, overtime pay, disability leaves, and vacation allowances. The proposed rules are submitted herewith and in each case the change, if any, from the present policy of the University of Illinois is indicated.

I. Legal Holidays

A. Offices, laboratories, and shops will be closed and all employees in the System excused, except in emergency and for necessary operation, on the following holidays: New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, and Christmas Day.

1. Employees in prevailing rate groups will be compensated in accordance with local prevailing practice.

a. If in any prevailing rate classification holidays in addition to those listed above are recognized in local prevailing practice, these holidays shall be recognized in relation to employees in these classifications in accordance with the condition herein provided.

2. Permanent and continuous employees not in prevailing rate groups will be excused with full pay.
- B. In the event that work is required
 1. Employees in prevailing rate groups will be compensated in accordance with prevailing practice.
 2. Other employees, except those in administrative classifications as approved by the Merit Board, will be compensated by time and one-half payable in cash, in addition to regular compensation.
 3. Administrative employees in classifications approved by the Merit Board shall receive no additional compensation.

II. *Work Week*

- A. Employees other than administrative
 1. All employees other than those in administrative classifications as approved by the Merit Board shall have a basic work week of forty hours, except as stipulated in agreements, or in local prevailing practice, or general community patterns.
 - a. Determination of the daily and weekly schedule within which these hours are to be worked is to be considered as subject to agreement between the individual institutions and their employees.
- B. In administrative classifications, it is understood that work will be performed as required by the position, but that insofar as possible the basic work week shall be forty hours.
 1. Individual institutions may determine with the approval of the Merit Board the level at which the employee becomes an effective part of management and therefore at what level his classification becomes administrative for the purpose of this paragraph.
- C. Except in operations where services are regularly required seven days a week, work performed on Sunday is overtime, to be compensated in cash at the overtime rate of time and one-half, or as stipulated in agreements.

III. *Overtime Pay*

- A. All time in excess of the units of hours constituting the work day or the work week is overtime and will be compensated as follows:
 1. For employees in prevailing rate groups, overtime will be compensated at time and one-half, unless under local prevailing practice a higher rate is paid in which case the local prevailing practice will be followed.
 2. For employees other than administrative not in prevailing rate groups, overtime will be compensated at time and one-half in cash.
 3. For employees in administrative groups for whom no fixed and rigid daily or weekly schedule is provided and the discharge of whose duties normally requires a certain amount of flexibility in such schedule, additional cash payment may be authorized at straight time for overtime required and worked in amounts excessive beyond normal expectation of the work schedule of the position.
- B. Paid time in which work is not performed shall count as working time toward the accumulation of overtime in any work week.
- C. By mutual agreement between a department and an employee, with the approval of the Director, the employee may work overtime with equivalent time off at straight time (in lieu of cash payment), such time off to be taken at some mutually agreeable time;
 1. Provided that this does not conflict with local prevailing practice.

IV. *Disability Leave with Full Pay*

- A. Each employee shall accumulate disability leave with full pay at the rate of one working day for each month of service until total accumulation is forty-five working days. Amount of leave accumulated at the time when any disability begins shall be available in full and additional leave shall continue to be earned while an employee is using that already accumulated. After an employee has accumulated a total of forty-five working days his rate of accumulation shall be reduced to one work day for each two months of service. There shall be no limit in the amount which may be accumulated at this rate thereafter. If use of available leave thereafter reduces the total to less than forty-five days, the accumulation will again be at the rate of one day per month until a new total of forty-five days is reached.

B. Disability leave may be used when it is necessary for an employee to be absent from work because of illness in his immediate household or family.

C. 1. Employees of the University of Illinois shall have transferred to their credit such cumulative disability leave as may have been credited to them as of the effective date of the policy here set forth.

2. Other employees of the System shall be credited as of the effective date of this policy, with the number of work days which equals the number of days in the employee's present work week times the number of years of his service to a maximum of ten times the number of work days in his present work week.

V. *Vacations with Full Pay*

A. For all employees in their first year of service

1. No vacation shall be available for employees with less than six months of service, but at the end of six months of employment, one-half of the first year's vacation as listed in B-1 and 2 shall be considered as earned and available, and the fractional amount of the first year's vacation shall be available thereafter in proportion to the fraction of the year worked.

B. For all employees in their second and succeeding years of service

1. For all employees having an established basic work week with additional compensation for overtime beyond that work week:

a. For those employees with less than ten years of service, vacation shall be two work weeks in each year of service.

b. For those employees with ten or more years of service, vacation shall be three work weeks in each year of service.

2. For all employees in administrative and professional classifications of upper level responsibility as approved by the Merit Board, for whom no fixed or rigid daily and weekly schedule is provided, and the discharge of whose duties usually requires a certain amount of flexibility in such schedule, and for whom no provision is made for the payment of overtime worked except when such overtime is in an excessive amount, one month in each year of service.

In most respects I endorse the recommendations of the Merit Board of the University Civil Service System of Illinois, but I should like to call attention to two items which, I believe, require further study and possible revision. The first is Item V, B, 1, b, which reads: "*V. Vacations with Full Pay. B. For all employees in their second and succeeding years of service . . . b. For those employees with ten or more years of service, vacation shall be three work weeks in each year of service.*"

Now this may appear to be a good resolution in principle, but there are certain factors to be considered, as follows:

1. This plan would exaggerate certain existing inequities between the prevailing and nonprevailing groups.

2. It would place an extra burden of expense on students with respect to cost of food and housing.

3. There are no funds budgeted for such an adjustment and about \$50,000 would be needed to implement it the first year, with some increases thereafter.

4. It affects the University more unfavorably with respect to cost than it does the other institutions because in the case of the other colleges and universities the increased cost is offset by the elimination of five extra holidays which were being paid for previously.

Also I have a question with respect to Item III, A, 3, which reads as follows: "*III. Overtime Pay. A. All time in excess of the units of hours constituting the work day or the work week is overtime and will be compensated as follows: . . . 3. For employees in administrative groups for whom no fixed and rigid daily or weekly schedule is provided and the discharge of whose duties normally requires a certain amount of flexibility in such schedule, additional cash payment may be authorized at straight time for overtime required and worked in amounts excessive beyond normal expectation of the work schedule of the position.*"

It occurs to me that we need a careful definition of the employees to be affected. Mr. Morey and Mr. Dickason believe that this statement could be revised so as to be explicit with respect to this question.

Accordingly, I recommend that the proposed amendments be deferred for further study and for a report by November 1, 1952. If it is then decided to put into effect the extra vacation allowances, we can place the expense item properly in the next biennial budget.

Mr. Grange, Chairman of the Merit Board, discussed the recommendations made by that Board.

On motion of Mr. Grange, the statements of policy recommended by the Merit Board with respect to Work Week, Overtime Pay, and Disability Leave with Full Pay were approved, and action on Legal Holidays and Vacations with Full Pay was deferred pending further consideration by an appropriate committee of the Board of Trustees. President Livingston referred these two recommendations to the Committee on Nonacademic Personnel and the Committee on General Policy for consideration jointly and report to the Board.

**CONTRACT FOR STONEMWORK REPAIRS ON DENTISTRY-
MEDICINE-PHARMACY BUILDING**

(16) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$7,760 to Knut Upstrom, Chicago, the lowest bidder, for stonework repairs on the second unit of the Dentistry-Medicine-Pharmacy Building. This unit was constructed in 1937. Some of the stonework at the top of the fifteen-story tower has loosened and shifted in several places which creates a hazardous situation.

Funds are available in the Physical Plant Department budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, this contract was authorized.

**CONTRACT FOR REROOFING DRILL HALL AT
CHICAGO UNDERGRADUATE DIVISION**

(17) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$3,180 to the Esko Roofing Company, Chicago, the lowest bidder, for reroofing the Drill Hall at Navy Pier. Under the terms of the lease with the city of Chicago such repairs are the obligation of the University.

Funds are available in the Physical Plant Department budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Nickell, this contract was authorized.

**CONTRACT FOR REMODELING QUARTERS AT
CHICAGO UNDERGRADUATE DIVISION**

(18) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$5,873 to the Mueller Construction Company, Chicago, the lowest bidder, for remodeling of quarters at Navy Pier to provide offices and storeroom space needed for the Air Force Reserve Officers' Training Corps program.

The Board of Trustees has already appropriated funds for this work.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Grange, this contract was authorized.

**CONTRACT FOR LANDSCAPING ON ANIMAL SCIENCES
AND VETERINARY MEDICINE BUILDINGS AREAS**

(19) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$21,000 to Ralph Synnestvedt and Associates, Glenview, Illinois, the lowest bidder, for landscaping the sites of the Animal Sciences Laboratory and the Veterinary Medicine Building.

Funds are available in the state appropriations for the construction of these buildings: \$11,200 to be charged to the appropriation for the Animal Sciences Laboratory and \$9,800 to be charged to the appropriation for the Veterinary Medicine Building.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Johnston, this contract was authorized; Mrs. Holt voted "No."

CONTRACT FOR CONSTRUCTION OF SMALL HOMES COUNCIL FIELD TRIAL LABORATORY

(20) Housing research at the University indicates the value of certain new techniques and design details. To obtain a final evaluation of these research results, the Small Homes Council proposes a field trial by building a structure the size and shape of a family dwelling but erected as a shell. In this building the following trials and tests will be made: floating slab foundation, closet wall and storage assemblies, low-cost storm windows, long-span roof construction, modular wall construction, and observation of condensation on concrete floors during summer months.

The Director of the Small Homes Council and the Comptroller recommend award of a contract for \$11,600 to Leroy V. James, Urbana, the lowest bidder, for the construction of this building.

Funds accumulated from the sale of Small Homes Council bulletins are available for this contract.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, this contract was authorized.

CONTRACTS FOR MINOR ALTERATIONS

(21) The Board of Trustees has been awarding contracts from year to year for minor alterations and remodeling at Urbana-Champaign on a cost-plus basis. The present contracts will expire June 30, 1952.

Work under such contracts is initiated upon orders of the Physical Plant Department which are subject to approval by the Comptroller and to availability of funds. Contractors are employed on jobs which are so small, not exceeding \$5,000 for any one authorization, or are of such character that it is not feasible to take competitive bids. This procedure has the advantage of permitting immediate starting of work after the Board of Trustees has approved the expenditure of funds, and it eliminates the expense of preparing drawings and specifications which would be required in securing bids.

The Director of the Physical Plant and the Comptroller recommend the award of cost-plus contracts, as follows, based on competitive bids, for the fiscal year beginning July 1, 1952, with the understanding that no orders will be placed after June 30, 1953, and that all work will be handled in accordance with established procedure:

General Work—Contracting Construction Company, Danville	Material	Percentage of Charges for		
		Labor	Subcontracts	Merchandising
On jobs				
Up to \$500.....	10	30	10	20
From \$500 to \$1,000.....	10	30	8	20
From \$1,000 to \$3,000.....	10	25	8	20
Over \$3,000.....	8	22½	7	20
Plumbing and Heating Work— Reliable Plumbing and Heating Company, Champaign				
On jobs				
Up to \$250.....	33⅓	33⅓	15	10
From \$250 to \$1,000.....	30	30	15	10
From \$1,000 to \$3,000.....	27	27	15	10
Over \$3,000.....	25	25	15	10
Electrical Work—Potter Electric Service, Urbana				
On jobs				
Up to \$200.....	20	30	12	15
From \$200 to \$1,000.....	20	25	12	15
Over \$1,000.....	20	20	12	15

	<i>Material</i>	<i>Percentage of Charges for</i>		
		<i>Labor</i>	<i>Subcontracts</i>	<i>Merchandising</i>
Ventilating and Sheet Metal				
Work—Schroeder's Ventilating,				
Champaign				
On jobs				
Up to \$250.....	30	35	10	10
From \$250 to \$1,000.....	24	30	10	10
From \$1,000 to \$3,000.....	22	28	10	10
Over \$3,000.....	22	26	10	10

The awards recommended for the general, heating and plumbing, and ventilating and sheet metal contracts are to the lowest bidders. In the case of the electrical work, it will be seen from the schedule of bids that the bidding was so close, with variations up and down between the contractors, that to determine the effective lowest bid all bids were evaluated in terms of past experience by applying them to the same proportions of material, labor, subcontracting, and merchandising overhead charges previously paid under this type of contract. This analysis shows that the following summation of the percentages is to be expected:

Potter Electric Service.....	26.35 per cent
Bland-Midwest Electric.....	26.51 per cent
Square Deal Electric.....	28.30 per cent

I recommend that these contracts be awarded in accordance with the terms and conditions stated, the Comptroller to report to the Board periodically on all contracts initiated.

On motion of Mr. Fornof, these contracts were authorized.

CHANGE IN CONTRACT WITH WADEFORD ELECTRIC COMPANY FOR ELECTRICAL WORK ON ADDITION TO RESEARCH AND EDUCATIONAL HOSPITALS

(22) The Director of the Physical Plant and the Comptroller recommend the following changes in the contract with the Wadeford Electric Company, Chicago, for electrical work in the construction of the addition to the Research and Educational Hospitals:

Changes in electrical control equipment, an increase of.....\$3 322 30

This change is necessary because the contractor was unable to submit for approval at the time the contract was executed the details of the mechanical equipment to be used in this installation due to the shortage of critical materials. When equipment became available and was submitted for approval, it was found necessary to revise the electrical interlocking of the control centers.

Alterations in electrical installations for X-ray equipment, an increase of. 3 263 70

At the time base bid drawings were prepared, it was not known which make of X-ray equipment would be used as bids had not yet been taken on such equipment. It was anticipated that some alterations in the base bid drawings and specifications would be necessary to provide for the X-ray equipment finally purchased.

Total\$6 586 00

Funds are available in the state appropriation for the construction of this building and have been released by the Governor.

I concur and recommend that the Comptroller be authorized to execute these changes in the contract.

On motion of Mr. Johnston, this increase in the contract was authorized.

PURCHASES

(23) The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One Universal type photomicrographic apparatus, complete with combination illuminating system for polarized transmitted light and accessories	Ceramic Engineering	W. H. Kessel & Co., Chicago	\$3 074 50 f.o.b. delivered
One vibrating reed electrometer, complete with turret switch for resistors and multiple recorder	Chemistry	Applied Physics Corp., Pasadena, Calif.	2 810 00 f.o.b. Pasadena, Calif.
Laboratory glassware for stock in the General Chemical Stores for the fall and winter terms of 1952-1953	General Chemical Stores	A. S. LaPine & Co., Chicago	11 546 34 f.o.b. Urbana
Laboratory apparatus to be used as stock in General Chemical Stores for the summer and fall terms of 1952	General Chemical Stores	Schaar & Co., Chicago Rascher & Betzold, Inc., Chicago A. S. LaPine & Co., Chicago Fisher Scientific Co., St. Louis, Mo. Wilkens-Anderson Co., Chicago E. H. Sargent & Co., Chicago A. Daigger & Co., Chicago A. S. Aloe Co., St. Louis, Mo. Chicago Apparatus Co., Chicago Central Scientific Co., Chicago	2 496 32 1 151 89 734 27 695 41 472 12 432 98 237 72 171 01 78 84 28 59 Freight allowed by Fisher Scientific Co.; all others f.o.b. delivered
Laboratory chemicals to be used as stock in General Chemical Stores for the summer and fall terms of 1952	General Chemical Stores	General Chemical Co., Chicago Mallinckrodt Chemical Works, St. Louis, Mo. Merck & Co., St. Louis, Mo. Schaar & Co., Chicago E. H. Sargent & Co., Chicago Rascher & Betzold, Inc., Chicago A. S. LaPine & Co., Chicago Chicago Apparatus Co., Chicago Fisher Scientific Co., St. Louis, Mo. Framstiehl Chemical Co., Waukegan A. Daigger & Co., Chicago	7 968 64 1 468 41 833 70 830 94 812 41 636 83 483 62 304 36 297 87 110 40 41 75 all f.o.b. delivered
Twelve operating tables with stainless steel tops and hydraulic lifts	Veterinary Medicine	Haver-Glover Laboratories, Kansas City, Mo. Jensen-Salsbery Laboratories, Inc., Kansas City, Mo.	1 458 00 f.o.b. Urbana 1 458 00 f.o.b. Urbana
27,000 Illinois Farm Record books to be printed	Agricultural Economics	Howard Press, Peoria	3 575 00 f.o.b. Urbana
Laboratory furniture for an addition to the third-floor corridor in the Natural History Building (the laboratory is being set up for a special research program in the Botany Department)	Physical Plant	E. H. Sheldon Equipment Co., Muskegon, Mich.	4 621 40 f.o.b. Urbana
Incandescent and fluorescent lamps for use at Urbana and Chicago during the period July 1, 1952, to June 30, 1953 (estimated on \$40,000 list value)	Physical Plant Storeroom	Tepper Electric Supply Co., Champaign	20 972 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Optical goods including services and repairs of spectacles for patients at the Illinois Eye and Ear Infirmary, 904 West Adams Street, Chicago, as required on prescriptions and authorization of the Infirmary staff, for the period July 1, 1952, through and including June 30, 1953. The total number of prescriptions will be approximately 9,000 based on University experience records.	Illinois Eye and Ear Infirmary, Chicago Professional Colleges	Uhlemann Optical Co., Chicago	45 000 00
Sixteen rain gauge, recording type, weighing bucket 12.648", clock mechanism for six hours	State Water Survey	Freiz Instrument Division, Bendix Aviation Corp., Baltimore, Md.	3 840 00 f.o.b. Baltimore, Md.
One 5' 8" Knabe grand piano	Music	Cable Piano Co., Champaign	3 296 75 f.o.b. delivered
One 5' 4" Mason and Hamlin grand piano			
One 5' 2" Baldwin grand piano	Music	Mendel Riley, Champaign	3 729 12 f.o.b. delivered
One 5' 8" Baldwin grand piano			
Furnishing and modifying a room in the Illinois Neuropsychiatric Institute building with floor covering, and acoustical wall and ceiling treatment for the taking of sound-motion pictures of psychoanalytic and other forms of individual and group psychotherapy without the use of observable lighting and conditions	Psychiatry	Marshall Field and Co., Chicago	4 870 16
5000 tons 1 1/4" screenings coal to be delivered to Abbott Power Plant as required during July and August, 1952	Physical Plant	Republic Coal and Coke Co., Chicago	18 250 00 f.o.b. mine
		Cost of freight	5 544 00
		Total	(23 794 00)

On motion of Mr. Johnston, these purchases were authorized; Mr. Grange voted "No."

COMPTROLLER'S REPORT OF CONTRACTS

(24) The Comptroller's report of contracts executed during the period May 1 to 31, 1952.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
B. F. Goodrich Chemical Co.	Weed control investigation	\$ 500 00	May 14, 1952
Sharp and Dohme, Inc.	Sulfathalidine study	2 000 00	May 14, 1952
United States Air Force	AF 41(607)-35	5 375 00	March 7, 1952
United States Department of Agriculture	A-18-33439	5 000 00	June 28, 1951
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Fred M. Manthei	Install ceramic tile and marble in faculty men's toilet in Civil Engineering Hall	\$1 162 00	April 11, 1952

Adjustments Made in 1950-1951 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	2 minor items in the amounts of \$179.94 and \$773.81	\$ 953 75	May, 1952
E. M. Hays Plumbing & Heating	Noyes Laboratory remodeling	944 71	April, 1952
Clarence H. Siems (General work)	Geography storeroom	40 85 ¹	May, 1952

¹ Deduct.

Adjustments Made in 1951-1952 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	2 minor items in the amounts of \$334.31 and \$590.60	\$ 924 91	May, 1952
Clyde E. Gates (General work)	7 minor items from \$956.11 deduct to \$2,953.20	3 447 32	May, 1952
Ervin G. Lindsey (Plastering)	45 minor items from \$49.75 deduct to \$224.00	638 93	May, 1952
Reliable Plumbing & Heating Co.	7 minor items from \$170.62 deduct to \$2,988.08	3 937 07	May, 1952
Schroeder's (Ventilation)	3 minor items from \$118.00 to \$1,715.00	2 157 38	May, 1952

This report was received for record.

APPROPRIATION TO ATHLETIC ASSOCIATION

(25) An appropriation of \$10,000 was made by the Board of Trustees on July 25, 1951, for rehabilitation of the refrigerating equipment in the Ice Skating Rink. The actual cost of this work has been less than \$5,000. The Athletic Association requests authority to use the balance for repairing the roof of the Rink. Since the Skating Rink has been operated on a deficit, it has not been possible to accumulate a reserve for repairs. Delay in repairing the roof may cause serious damage to the building.

The Provost and the Comptroller recommend, and I concur, that the balance in this appropriation be made available for repairing the Rink roof.

On motion of Mrs. Watkins, this recommendation was approved.

CONTRACT FOR REPAIRS IN DAVID KINLEY HALL

(26) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$5,250 to E. N. DeAtley, Champaign, for repairing the terrazzo treads, landings, and entry floor of the north stairway in David Kinley Hall. The work will include replacement of five treads on the first floor landing, all treads from the first floor to and including the landing tread on the third floor, the bottom tread of the first flight of stairs from the third to the fourth floor, and installation of new nonslip tile floors in the entry, first floor stair hall, and on all intermediate landings from the first floor to the third floor.

Funds are available in the Physical Plant Department budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Fornof, this contract was authorized.

RESIGNATION OF DEAN WILLARD B. SPALDING

President Stoddard presented the following letter:

College of Education
105 Gregory Hall
June 18, 1952

PRESIDENT GEORGE D. STODDARD
355 Administration West

DEAR PRESIDENT STODDARD:

Please accept my resignation from the positions of Dean of the College of Education and Professor of Education, effective December 31, 1952. I have accepted a position as Professor of Education in the State System of Higher Education, Extension Division, Portland, Oregon, to begin on January 1, 1953.

The five years which I have spent at the University of Illinois have been stimulating ones. The program of the College of Education is now firmly based upon a distinguished faculty. They will continue to improve this program under the leadership of my successor.

I thank you for the opportunity of working for a period of time under your leadership.

Respectfully yours,

WILLARD B. SPALDING, *Dean*

INSTITUTE FOR RESEARCH ON EXCEPTIONAL CHILDREN

President Stoddard and Mr. Nickell presented a proposal that there be established at the University an Institute for Research on Exceptional Children. Its function would be to carry on and direct research on physically and mentally handicapped children; to study ways and means of coordinating the state's services in this area of public welfare; to study gifted children; and to offer advanced programs of study. They pointed out that the state of Illinois is currently expending upwards of \$39,000,000 per year on such programs.

On motion of Mr. Nickell, the Board approved the proposal to establish the Institute with the understanding that a plan for its organization and a budget will be submitted for approval later.

**REPORT OF THE COMMITTEE ON GENERAL POLICY
ON ILLINI UNION BOOKSTORE**

Mr. Johnston, for the Committee on General Policy, presented the following report:

Chicago, June 19, 1952

MR. PARK LIVINGSTON
President, Board of Trustees
University of Illinois
20 North Wacker Drive
Chicago 6, Illinois

DEAR MR. LIVINGSTON:

At the meeting of the Board of Trustees of the University of Illinois, held last October, you turned over to the Policy Committee a letter received from Mrs. Eunice C. Creamer having to do with the competitive situation, as she put it, involved between the Union Bookstore and the University of Illinois Supply Store (a co-op) and directed that the Policy Committee give full weight to all of the facts presented and those we could collect together and report back to the Board our findings and recommendations as to the disposition that should be made of this situation. The letter addressed to you by Mrs. Creamer is returned. In addition thereto, Mr. R. D. Follett, vice-president of Wilcox & Follett Company, 1255 South Wabash Avenue, Chicago, publisher of books and who operates a bookstore at Champaign, likewise has filed objections to the University of Illinois operating a bookstore in competition with what he terms is a tax paying, privately owned bookstore.

The Illini Union Bookstore is the continuation of a book exchange organized by the Illini Union in the early 1920's. It became a full-fledged bookstore in its present location in 1932. When the Illini Union was built it took over the operation of the book exchange. The University feels it has an obligation to operate the Illini Union Bookstore in order to assure the students an opportunity to purchase their books and supplies at a reasonable cost. The operation of the bookstore has benefited the students without the expenditure of University funds.

Information which we have developed indicates that the protestants have presented their objections to the operation of the Illini Union Bookstore on numerous occasions and a full explanation has been given as to the reasons for the operation of the store on each occasion. The supreme court of Illinois recognizes that the University has a right to operate a bookstore and that in so doing the property was used for a public educational purpose. While procedure differs, bookstores of a similar nature are operated at many of the colleges and universities throughout the country.

The Illini Union Bookstore pays rent for the facilities used on a per square foot area basis, the same as all other occupants of the building. It has not been assessed for local taxes on personal property. The State Department of Revenue has ruled that the Bookstore is not liable for sales tax, hence it can not collect or pay such a tax.

The textbooks that are sold at the Illini Union Bookstore are sold at prices that are set and prevail at other stores where the students can purchase them. Since 1940 up to and including the close of 1951 the total sales at the Illini Union Bookstore were \$3,248,734.94. During this same period the net income before dividends was \$321,799.49. Dividends paid during the period amounted to \$50,101.06, and the dividend rate ranged from 5 to 10 per cent. Surplus after dividends during this period was \$255,358.04, of which amount \$49,964.88 was transferred to the Illini Union for equipment purchases and building improvements, \$100,000 financed the Illini Union coffee house and \$100,000 remains in reserve as working capital for the bookstore.

Over the period of time the store has operated there have been some articles sold that perhaps are not classified entirely as student necessities or materials for the pursuit of education, but by and large the objectives of the store are to assure students and faculty they can purchase books, materials and supplies needed in university course study at fair prices, having in mind the necessity for providing the student with the lowest possible cost for education but at the same time recognizing the free enterprise system by giving fair competition to privately owned businesses in the same area of merchandising.

Having in mind the results the committee feels it is desirable to sustain, they being: (1) fair prices to all purchasers, (2) protection against any possible, although improbable "high prices" that might be charged by independently owned stores if the Illini Bookstore were closed, (3) establish a policy of free enterprise and fair competition, and (4) accruing profits after expenses to be used in lowering cost of activities carried on for student benefit in Illini Union, we recommend the continuation of the bookstore and its apparently fair pricing policy on over-the-counter sales, discontinuing all dividend disbursement, specifically recommending the following:

(1) That the University Bookstore continue to be operated and thus give students and faculty assurance of continuing opportunity to buy their bookstore needs at prices fairly determined and established. (Some might claim that fair prices could not be maintained if the University-operated Bookstore competition was removed.)

(2) That the University Bookstore shall limit its activities to offering for sale nothing but books, materials or supplies needed in University course study.

(3) Discontinue all dividends. Reduce the cost of books and supplies, at the time of purchase, by an amount equal to the ratio of the dividends paid in the past four years to cash sales during the period. If profits accrue, transfer them to the general fund of the Illini Union.

Discontinuing the policy of dividend distribution appears entirely justified because the total dividends distributed the last four years amount to only 1.9 per cent of yearly average total sales.

Average Yearly Total Sales (last 4 years).....\$482,622

Average Yearly Dividends (last 4 years)..... 9,302

\$9,302 is only 1.9 per cent of \$482,622

In the last year of 1950-51, only 4,798 students qualified for a dividend rebate of less than \$3 per qualified student. Divide the dividend distribution by the entire enrollment and the theoretical quotient is so small (less than \$1) that it indicates that the dividend disbursement is not too essential and perhaps not justified.

It is true that the dividend rebates the last several years have amounted to 10 per cent on the purchases of those who participated in such distribution. However, the justification for a bookstore operation is for the benefit of the entire student body and if the rebate had been made at time of sale on the full volume, it would have amounted to less than 2 cents on each dollar of sales.

Respectfully submitted.

WAYNE A. JOHNSTON, *Chairman*
ROBERT Z. HICKMAN
HERBERT B. MEGHAN

On motion of Mr. Johnston, the recommendations of the Committee were approved.

A TRIBUTE TO JOHN H. ARMSTRONG

Mr. Johnston offered the following memorial which was adopted:

The Board of Trustees of the University of Illinois records with deep sorrow the untimely death on June 6, 1952, of Judge John H. Armstrong, President of the University of Illinois Foundation.

The state of Illinois, the University, and the community of Champaign-Urbana have lost a loyal, devoted citizen and a good friend. He had an abiding interest in the University since his early youth when he lived almost within the shadows of the University. He graduated from the University of Illinois with the degree of Bachelor of Arts in 1917 and with the degree of Doctor of Law in 1920. Following his graduation from the College of Law he was immediately admitted to the Illinois Bar and began the practice of law. From 1930-1933 he served as County Judge of Champaign County, Illinois, and from 1933-1939 as Judge of the Sixth Circuit of Illinois.

During the years he was in private practice of law he also found time and devoted much of his energy to civic affairs. He served as a member of the University of Illinois Foundation since 1946, on its Board of Directors since 1948, and as President of the Foundation from 1950 until his passing. In recent years he also was a special legal counsel for the University in important negotiations in which his expert talent and diligent work were invaluable.

The Board of Trustees directs that this memorial be spread upon the minutes of today's meeting and that copies be sent to the members of Judge Armstrong's family.

EXECUTIVE SESSION

At this point the Board went into Executive Session to consider the following matter presented by the President of the University.

APPOINTMENT OF DIRECTOR OF INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

(27) For several months an *ad hoc* search committee has been interviewing and studying the qualifications of candidates for the position of Director of the Institute of Labor and Industrial Relations to fill the vacancy created by the resignation of Professor W. Ellison Chalmers as Director. The President reported on conferences which have recently taken place with Mr. Robben W. Fleming, Director of the Industrial Relations Center at the University of Wisconsin, whom the committee has recommended for this position. It was not feasible to include a formal recommendation for his appointment in the agenda sent to the Trustees in advance of today's meeting.

On motion of Mr. Fornof, the Executive Committee was authorized to act for the Board on this appointment.

LEASE OF SPACE IN ARCADE BUILDING

Mr. Megran, for the Committees on Buildings and Grounds and General Policy, reported that the joint committee has been giving careful consideration to the request of the Katsinas interests for the renewal of the lease of space in the Arcade Building in which they have been operating a restaurant, but that the committee is not prepared to make a recommendation at this time.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations, declinations, and cancellations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ALTSCHUL, SOL, Psychiatric Consultant in the Health Service, in the Chicago Professional Colleges, on one-fifth time, two months beginning July 1, 1952, \$217 a month, supersedes (6-6-52).

- ANDERSON, ROBERT W., Research Associate in the Control Systems Laboratory, June 16-August 31, 1952, \$400 a month (5-22-52).
- AUGENSTINE, LEROY C., Research Assistant in the Control Systems Laboratory, June 2-August 31, 1952, \$300 a month, supersedes (6-6-52).
- BAHNFLETH, DONALD R., Research Assistant in Mechanical Engineering (S), three months beginning June 1, 1952, \$3750 a year (5-29-52).
- BAHNFLETH, DONALD R., Research Assistant in Mechanical Engineering (S), one year beginning September 1, 1952, \$3750 (5-29-52).
- BAUDER, W. W., to give instruction in Agricultural Economics in the Summer Session of 1952, June 13-August 9, 1952, \$1600 for the period (6-10-52).
- BAUMGARDNER, CARL H., Research Assistant on the University Council on Teacher Education, three months beginning June 1, 1952, \$256.66 a month, supersedes (6-5-52).
- BEATTIE, EDWARD J., JR., Assistant Professor of Surgery (Rush), in the College of Medicine, three months beginning June 1, 1952, without salary (6-3-52).
- BEBERMAN, MAX, Instructor in Education, on one-half time, in the University High School, June 13-August 9, 1952, \$447 for the period (6-2-52).
- BEMIS, WILLIAM P., First Assistant in Vegetable Crops (Horticulture) (S), one year beginning September 1, 1952, \$4500 (6-6-52).
- BENESCH, MRS. EDNA V., Research Assistant in Civil Engineering (S), June 16-August 31, 1952, \$300 a month (5-22-52).
- BERKOVITZ, MRS. IRENE R., Research Assistant in the Bureau of Research and Service, in the Graduate College, two months beginning July 1, 1952, \$233.33 a month (6-2-52).
- BEST, SHELDON F., Assistant Electronic Digital Computer, in the Graduate College, three months beginning June 1, 1952, \$300 a month, supersedes (6-6-52).
- BOURGIN, DAVID G., Professor of Mathematics, in the Graduate College, three months beginning June 16, 1952, \$3000 for the period. This is in addition to his present appointment. (6-3-52).
- BRANDON, A. N., Acquisition Assistant in the Library, one year beginning September 1, 1952, \$3480 (6-6-52).
- BRANNON, MILDRED J., Research Associate in the Control Systems Laboratory, July 1, 1952-August 31, 1953, \$4200 a year (5-22-52).
- BRENNAN, JAMES F., Research Assistant in Electrical Engineering (S), three months beginning June 1, 1952, \$320 a month (6-6-52).
- BROUDY, H. S., to give instruction in Education in the Summer Session of 1952, June 13-August 9, 1952, \$1500 for the period (6-10-52).
- BROUDY, H. S., Visiting Lecturer in Education, for the academic year beginning September 1, 1952, \$7100 (5-23-52).
- BUTZOW, ROBERT F., Instructor in Veterinary Clinical Medicine (C), June 16-August 31, 1952, \$362.50 a month, supersedes (6-9-52).
- CAIRNS, STEWART S., Professor of Mathematics, in the Graduate College, June 15-August 31, 1952, \$3445 for the period. This is in addition to his present appointment. (6-3-52).
- CATE, GLENN M., Research Associate in the Control Systems Laboratory, June 16, 1952-August 31, 1953, \$4800 a year (6-2-52).
- CHRYSSAFOPOULOS, NICHOLAS, Research Assistant in Civil Engineering (S), one year beginning June 16, 1952, \$3600 (5-27-52).
- CLEVEN, MRS. CAROL, Assistant in Food Technology (S), June 16, 1952-August 31, 1953, \$3000 a year (5-20-52).
- COLE, ROBERT H., to give instruction in the Department of Business Organization and Operation in the Summer Session of 1952, June 13-August 9, 1952, \$1056 for the period (6-10-52).
- CONAT, MABEL, to give instruction in Library Science in the Summer Session of 1952, June 13-August 9, 1952, \$1000 for the period (6-10-52).
- DANNER, CHARLES S., to give instruction in Civil Engineering in the Summer Session of 1952, June 13-August 9, 1952, \$1000 for the period (6-10-52).
- DANNER, ELLIS, Professor of Highway Engineering, in the Department of Civil Engineering (C), three months beginning June 16, 1952, \$777.78 a month. This is in addition to his present appointment. (6-4-52).
- DELANEY, CHARLES O., Instructor in Music, for the academic year beginning September 1, 1952, \$4100 (6-6-52).

- DIETZ, JESS C., Research Associate Professor of Civil Engineering (S), three months beginning June 16, 1952, \$722.22 a month. This is in addition to his present appointment, supersedes previous appointment dated May 20, 1952 (6-9-52).
- DUNICZ, BOLESŁAW L., Instructor in Physical Sciences, in the Chicago Undergraduate Division, for the academic year beginning September 1, 1952, \$4500 (6-2-52).
- DUTTON, DAVID B., Research Associate in Physics (C), June 16, 1952-August 31, 1953, \$4800 a year (5-23-52).
- EILBRACHT, LEE P., Instructor in Physical Education for Men, on 12/100 time, for the academic year beginning September 1, 1952, \$800; in addition to \$6200 a year paid by the Athletic Association (6-6-52).
- EXLINE, RALPH V., Research Associate in Education, in the Graduate College, one year beginning September 1, 1952, \$4500 (6-4-52).
- FERA, PAUL P., Instructor in the Institute of Labor and Industrial Relations, one year beginning June 15, 1952, \$3900 (6-6-52).
- FIELDEN, JOHN S., Assistant in English, in the Division of Business English, nine months beginning September 16, 1952, \$3300 (5-22-52).
- FRITH, DONALD E., Instructor in Art, for the academic year beginning September 1, 1952, \$3700 (6-6-52).
- GILLIES, DONALD B., Assistant, Electronic Digital Computer, in the Graduate College, three months beginning June 1, 1952, \$300 a month (6-6-52).
- GINSBERG, ROBERT S., Clinical Instructor in Medicine, in the College of Medicine, three months beginning June 1, 1952, without salary (6-2-52).
- GREENFIELD, PETER, Research Associate in Physical Metallurgy, in the Department of Mining and Metallurgical Engineering (C), one year beginning September 1, 1952, \$5500 (6-6-52).
- GUINER, ANDRE, Visiting Professor of Physical Metallurgy, in the Department of Mining and Metallurgical Engineering (C), for the first semester of 1952-1953, \$5000, payable in five monthly installments beginning September 1, 1952 (5-31-52).
- HAWORTH, FLOYD B., to give instruction in Economics in the Summer Session of 1952, June 13-August 9, 1952, \$1312 for the period (6-10-52).
- HEYM, GLORIA A., Research Assistant in Bacteriology, in the Graduate College, May 12, 1952-February 28, 1953, \$268.33 a month (5-29-52).
- HILL, PHYLLIS JO, Instructor in Physical Education for Women, for the academic year beginning September 1, 1952, \$3700 (5-29-52).
- HINRICHS, MARIE A., Associate Professor of Health Education, in the Department of Physical Education for Women, on indefinite tenure, beginning September 1, 1952, to render service during each academic year, \$6800 a year, supersedes (5-31-52).
- HOLTZCLAW, H. F., JR., to give instruction in Chemistry in the Summer Session of 1952, June 13-August 9, 1952, \$1200 for the period (6-10-52).
- HOWLAND, FRANK L., Research Assistant in Civil Engineering (S), June 16-August 31, 1952, \$325 a month, supersedes (6-6-52).
- HUMPHREYS, ALFRED W., Instructor in Music, on 8/100 time, and in Education, on 42/100 time, for the academic year beginning September 1, 1952, \$2000 (6-7-52).
- JACOBS, S. LAWRENCE, Research Assistant in Chemistry, in the Graduate College, July 1-September 15, 1952, \$275 a month (6-6-52).
- JONES, BENJAMIN A., JR., Instructor in Agricultural Engineering (C), for the academic year beginning September 1, 1952, \$4200 (6-9-52).
- KASSEL, CHARLES E., JR., Research Associate in the Control Systems Laboratory, June 2-August 31, 1952, \$400 a month (5-22-52).
- KING, CHARLES, Research Assistant in Chemistry, in the Graduate College, two months beginning July 1, 1952, \$375 a month (6-6-52).
- KNUDTZON, KERMIT F., Research Associate in Dental Radiology, in the College of Dentistry, May 15-August 31, 1952, without salary (5-14-52).
- KRUSE, PAUL, to give instruction in Library Science in the Summer Session of 1952, June 13-August 9, 1952, \$1200 for the period (6-10-52).
- LANGEMANN, HEINRICH, Research Associate in Pharmacology, in the College of Medicine, four months beginning May 15, 1952, \$300 a month (5-29-52).
- LEAL, FELIPE A., Assistant in Anesthesiology (Rush), in the College of Medicine, two months beginning May 1, 1952, without salary (6-3-52).

- LEE, FRANCIS J., Research Associate in Education, in the Graduate College, one year beginning September 1, 1952, \$4500 (6-4-52).
- LEMMENS, PAUL G., Research Associate in Medicine, in the College of Medicine, two months beginning July 1, 1952, without salary (6-3-52).
- LEWIS, WALTER H., Research Assistant in the Small Homes Council, three months beginning June 1, 1952, \$275 a month (6-6-52).
- MAST, EDWARD, Instructor in Electrical Engineering (C), for the academic year beginning September 1, 1952, \$3500 (6-6-52).
- McCLAY, CLARENCE H., Research Assistant Professor in the Control Systems Laboratory, June 16-September 15, 1952, \$1850 for the period. This is in addition to his present appointment as Assistant Professor of Mechanical Engineering. (6-2-52).
- McCLURE, ROBERT E., Research Assistant in Chemistry, in the Graduate College, three months beginning June 1, 1952, \$380 a month (6-2-52).
- MCDONALD, LESLIE E., JR., Instructor in Veterinary Physiology and Pharmacology (C and S), one year beginning September 1, 1952, \$6000 (6-2-52).
- MICHALOVA, DAGMAR, to give instruction in Library Science in the Summer Session of 1952, June 13-August 9, 1952, \$600 for the period (6-10-52).
- MILLIGAN, BURTON A., Associate Professor of English and Assistant Dean of the Graduate College, two months beginning July 1, 1952, \$800 a month. This is in addition to his present appointment. (5-9-52).
- MOLINARO, L. A., to give instruction in Education in the Summer Session of 1952, June 13-August 9, 1952, \$1200 for the period (6-10-52).
- OAKLEY, J. A., to give instruction in Civil Engineering in the Summer Session of 1952, July 7-August 9, 1952, \$694 for the period (6-10-52).
- OSTERMAN, FLOYD A., Clinical Assistant in Medicine, in the College of Medicine, four months beginning May 1, 1952, without salary (5-20-52).
- PASSER, MOSES, Postdoctorate Research Assistant in Chemistry, in the Graduate College, one year beginning July 1, 1952, \$5000 (6-6-52).
- PICKETT, MRS. MARY S., Instructor in Home Economics (C), for the academic year beginning September 1, 1952, \$3600 (6-2-52).
- POMERANTZ, SEYMOUR, Research Assistant in Chemistry, two months beginning July 1, 1952, \$350 a month (6-6-52).
- PUNYAGUPTA, SOMPOORN, Research Assistant in Civil Engineering (S), three months beginning June 16, 1952, \$270 a month (5-27-52).
- RATTNER, ABRAHAM, Visiting Professor of Art, for the academic year beginning September 1, 1952, \$8000 (5-22-52).
- REEDER, CLIFTON L., Clinical Assistant in Medicine, in the College of Medicine, three months beginning June 1, 1952, without salary (6-3-52).
- REEVES, JENIEL, Assistant in Physical Education for Women, nine months beginning September 16, 1952, \$3000 (5-29-52).
- RICHARDS, ELLA L., Research Associate in Soil Fertility (Agronomy) (S), one year beginning September 1, 1952, \$5000 (5-20-52).
- RIVARD, DONALD E., Research Assistant in Chemistry, in the Graduate College, one year beginning September 1, 1952, \$4300 (6-6-52).
- ROBE, JOHN K., Research Associate in the Control Systems Laboratory, June 16-August 31, 1952, \$400 a month (6-2-52).
- SARGENT, FREDERICK, II, Assistant Professor of Physiology, in the Graduate College, two months beginning June 15, 1952, \$550 a month (5-23-52).
- SCHILLER, ALFRED G., Instructor in Veterinary Clinical Medicine (C), July 1, 1952-August 31, 1953, \$6500 a year (5-27-52).
- SCHWAIGER, JEROME W., Research Assistant in the Small Homes Council, three months beginning June 15, 1952, \$275 a month (6-6-52).
- SILVERMAN, ROBERT J., to give instruction in Mathematics in the Summer Session of 1952, June 13-August 9, 1952, \$623 for the period (6-10-52).
- STEINER, PAULINE, to give instruction in German in the Summer Session of 1952, on one-half time, June 13-August 9, 1952, \$390 for the period (6-10-52).
- SULLIVAN, SOPHIA E., to give instruction in Library Science in the Summer Session of 1952, June 13-August 9, 1952, \$600 for the period (6-10-52).
- THOMAS, ROBERT E., Instructor in Music, on one-fourth time, and in Education, on one-fourth time, for the academic year beginning September 1, 1952, \$2000 (6-7-52).
- THOMPSON, ANSON E., Instructor and First Assistant in Vegetable Crops (Horticulture) (C and S), July 1, 1952-August 31, 1953, \$5000 a year, supersedes (6-9-52).

- THORNBURN, THOMAS H., to give instruction in Civil Engineering in the Summer Session of 1952, on one-half time, June 13-August 9, 1952, \$611 for the period (6-10-52).
- TINKHAM, R. A., Instructor in Industrial Education, for the academic year beginning September 1, 1952, \$4600 (5-28-52).
- TOMAN, KURT K., Research Associate in Electrical Engineering (S), four months beginning May 1, 1952, \$450 a month, supersedes (6-2-52).
- TUNG, LU-HO, Research Associate in Chemistry, in the Graduate College, one year beginning June 1, 1952, \$4800 (5-27-52).
- WALL, FREDERICK T., Professor of Chemistry and Acting Dean of the Graduate College, two months beginning July 1, 1952, \$1350 a month. This is in addition to his present appointment. (5-9-52).
- WEIR, EDWARD C., Instructor in Education, on the University Council on Teacher Education, on one-half time, for two months beginning June 16, 1952, \$244.44 a month. This is in addition to his present appointment. (6-9-52).
- WIENMAN, ALAN M., Research Assistant in the Institute of Government and Public Affairs, on full time, June 1-June 15, 1952, and August 11-September 15, 1952, \$330 a month, and on one-half time, June 16-August 10, 1952, \$155 a month (6-6-52).
- WILLIGAN, DONALD A., Instructor in Veterinary Pathology and Hygiene (C), one year beginning September 1, 1952, \$4800 (6-2-52).
- WORTH, WILLARD J., Research Assistant in the Small Homes Council, June 15-August 31, 1952, \$325 a month (6-6-52).
- YOUNG, MRS. FAY G., Commerce and Sociology Library Assistant, in the Library, one year beginning September 1, 1952, \$3300 (6-6-52).
- YOUNG, GEORGE A., to give instruction in Civil Engineering in the Summer Session of 1952, June 13-July 5, 1952, \$417 for the period (6-10-52).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- AMMERMAN, C. B., Wright Fellow in Animal Science, nine months beginning September 16, 1952, \$850 (5-28-52).
- BENJAMIN, ROLAND J., Fellow in Theoretical and Applied Mechanics, nine months beginning September 16, 1952, \$1000, supersedes (5-22-52).
- BERNSTEIN, LIONEL M., R. J. Strassenburgh Research Fellow in Clinical Science, in the College of Medicine, four months beginning May 1, 1952, \$200 a month (6-6-52).
- COCHRAN, JOHN F., Celanese Corporation of America Fellow in Physics, one year beginning September 1, 1952, \$1800 (5-20-52).
- DOUGHERTY, ELMER L., Pan American Fellow in Chemical Engineering, nine months beginning September 16, 1952, \$1400 (5-26-52).
- GELFAND, SAMUEL, United States Rubber Company Fellow in Chemistry, nine months beginning September 16, 1952, \$1400, supersedes (4-22-52).
- JAUCH, KARL E., National Fund Research Fellow in Pathology, in the College of Medicine, July 1-September 20, 1952, \$500 (5-29-52).
- KOUCKY, CHARLES J., National Fund Research Fellow in Pathology, in the College of Medicine, July 1-September 20, 1952, \$500 (6-5-52).
- MCKEAND, IRVIN J., Titanium Alloy Fellow in Ceramic Engineering, nine months beginning September 1, 1952, \$1800 (6-3-52).
- MILLER, RICHARD C., General Electric Fellow in Physics, nine months beginning September 16, 1952, \$2100 (5-20-52).
- MISTRY, SORAB P., Merck and Company Postdoctoral Fellow in Animal Science (C), February 8-August 31, 1952, \$250 a month, supersedes (6-6-52).
- MYERS, JAMES D., National Fund Research Fellow in Bacteriology, in the College of Medicine, July 1-September 20, 1952, \$500 (5-29-52).
- MYRNA, THEODORE D., National Fund Research Fellow in Bacteriology, in the College of Medicine, July 1-September 20, 1952, \$500 (5-29-52).
- NEVITT, MICHAEL V., Union Carbide and Carbon Chemical Corporation Fellow in Mining and Metallurgical Engineering, one year beginning June 1, 1952, \$840 (6-3-52).
- TU, PIN CHOW, Fellow in English, nine months beginning September 16, 1952, \$800, supersedes (5-20-52).
- VANCE, PAUL A., JR., Henry J. Strong Fellow in Electrical Engineering, nine months beginning September 16, 1952, \$900, supersedes (5-22-52).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- ADAMS, MRS. MARIE R., Instructor in Occupational Therapy, in the College of Medicine—resignation effective 6-1-52.
- ADAMSON, LUCILE F., Assistant in Home Economics (S)—resignation effective 9-1-52.
- BEYM, MRS. SHIRLEY, Assistant in Botany—resignation effective 9-16-52.
- CAMPBELL, ROBERT, Assistant Professor of Economics—resignation effective 9-1-52.
- CEDARLUND, EVELYNNE, Instructor in Home Economics (C)—resignation effective 9-1-52.
- COLE, DOROTHY E. L., Assistant Teacher in the Nursery School, in the Division of Special Services for War Veterans—resignation effective 8-31-52.
- COLE, DOROTHY E. L., to give instruction in the Nursery School, in the Division of Special Services for War Veterans, in the Summer Session of 1952—declination effective 6-13-52.
- DAILY, EUGENE J., to give instruction in Civil Engineering in the Summer Session of 1952—declination effective 6-13-52.
- DETHLEFS, MRS. BETTY A., Instructor in the Nursery School, in the Division of Special Services for War Veterans—resignation effective 8-31-52.
- DETHLEFS, MRS. BETTY A., to give instruction in the Nursery School, in the Division of Special Services for War Veterans, in the Summer Session of 1952—declination effective 6-13-52.
- DUFNER, MAX, Instructor in German—resignation effective 9-1-52.
- FOSTER, GEORGE R., Assistant Editor in the Engineering Experiment Station—resignation effective 9-1-52.
- GIBSON, WILFRED A., Assistant Professor of Psychology—resignation effective 9-1-52.
- HANS, CLARENCE L., JR., Instructor in Ophthalmology, in the College of Medicine—resignation effective 7-1-52.
- HULL, WILLIAM R., Fellow in Geography—resignation effective 9-16-52.
- HUNTINGTON, DOROTHY A., Postdoctoral Fellow in Speech, in the Graduate College—declination effective 9-16-52.
- KUMMEL, BERNHARD, Associate Professor of Geology—resignation effective 9-1-52.
- LEMMON, MARY L., Instructor in Home Economics Education—declination effective 9-1-52.
- MEID, WILLIAM J., Assistant Professor of Ceramic Engineering (C)—resignation effective 9-1-52.
- MOJE, WILLIAM, Research Assistant in Chemistry—resignation effective 7-1-52.
- NOVOTNY, ALBERT J., Fellow in Surgery—declination effective 7-1-52.
- ONGMAN, HARRY D., Research Assistant in Chemical Engineering (S)—resignation effective 6-30-52.
- RHINES, RUTH, Instructor in Medicine, in the College of Medicine—resignation effective 7-1-52.
- SHORE, FERDINAND J., Research Assistant in Physics (S)—resignation effective 5-16-52.
- SIMON, WILLIAM P., to give instruction in Social Work in the Summer Session of 1952—cancellation effective 6-13-52.
- SOHL, NORMAN F., to give instruction in Geology in the Summer Session of 1952—declination effective 8-15-52.
- STEIN, SEYMOUR, Assistant Professor of Psychiatry and Research Physiologist, in the Department of Psychiatry, in the College of Medicine—resignation effective 6-30-52.
- VAWTER, GORDON F., Experimental Pathologist in the Aeromedical and Physical Environment Laboratory, in the Chicago Professional Colleges—resignation effective 7-1-52.
- ZWEMER, JACK, Research Assistant in Bacteriology, in the College of Medicine—resignation effective 6-1-52.

LEAVES OF ABSENCE

- CLARK, JOHN W., Clinical Assistant Professor of Radiology (Rush), in the College of Medicine—leave of absence, without salary, for one year beginning January 1, 1952, so that he may devote full time to graduate research at Argonne National Laboratory.

CRONBACH, LEE J., Professor of Education, in the Bureau of Research and Service—leave of absence, without salary, July 16-August 30, 1952, so that he may accept a teaching assignment at Teachers College, Columbia University.

HAGAN, CHARLES B., Associate Professor of Political Science—leave of absence, without salary, for the academic year beginning September 1, 1952, so that he may work for the Department of State during that period.

HARRIS, WARREN S., Research Professor of Mechanical Engineering (S)—leave of absence, without salary, for two months beginning July 1, 1952, so that he may engage in consulting work during that period.

HOGAN, JAMES D., Professor of Art—leave of absence, April 7-June 15, 1952, on account of disability.

MEGINNIS, PAUL J., Instructor in Veterinary Clinical Medicine, in the College of Veterinary Medicine—leave of absence, with pay, July 15-September 15, 1952, so that he may carry on X-ray therapy studies at Cook County Hospital.

SCOVILL, HIRAM T., Professor of Accountancy, and Head of the Department of Business Organization and Operation—leave of absence, with pay, June 9-August 5, 1952, so that he may attend the International Congress on Accounting in London and to consult with accounting authorities in various countries.

DEGREES CONFERRED IN JUNE, 1952

The Secretary presented for record the following list of degrees conferred at the Commencement Exercises at Urbana on June 15 and at the Chicago Professional Colleges on June 19.

Summary

Degrees in the Graduate College, conferred at Urbana:

Doctor of Philosophy.....	110
Doctor of Education.....	2
Chemical Engineer.....	1
Mechanical Engineer.....	1
Master of Arts.....	100
Master of Science.....	352
Master of Music.....	12
Master of Education.....	58
Master of Social Work.....	15
Master of Fine Arts.....	7
Advanced Certificate in Education.....	4
<i>Total, Graduate College.....</i>	<i>662</i>

Degrees in Law, conferred at Urbana:

Bachelor of Science.....	4
Bachelor of Laws.....	51
Doctor of Law.....	4
<i>Total, Law.....</i>	<i>59</i>

Baccalaureate Degrees, conferred at Urbana:

Bachelor of Science, College of Agriculture.....	230
Bachelor of Science, College of Engineering.....	265
Bachelor of Arts, College of Liberal Arts and Sciences.....	295
Bachelor of Science, College of Liberal Arts and Sciences.....	258
Bachelor of Science, Library School.....	8
Bachelor of Science, College of Education.....	107
Bachelor of Science, College of Commerce and Business Administration.....	276
Bachelor of Science, School of Journalism and Communications.....	81
Bachelor of Architecture, College of Fine and Applied Arts.....	2
Bachelor of Science, College of Fine and Applied Arts.....	121
Bachelor of Fine Arts, College of Fine and Applied Arts.....	42
Bachelor of Music, College of Fine and Applied Arts.....	6
Bachelor of Science, School of Physical Education.....	70
Bachelor of Science, Division of Special Services for War Veterans..	63
<i>Total, Baccalaureate Degrees.....</i>	<i>1,824</i>

Degrees in Veterinary Medicine, conferred at Urbana:	
Bachelor of Science.....	34
Doctor of Veterinary Medicine.....	<u>24</u>
<i>Total, Veterinary Medicine.....</i>	<i>58</i>
<i>Total, Degrees Conferred at Urbana.....</i>	<i>2,603</i>
Honorary Degree, conferred in Chicago:	
Doctor of Science.....	1
Degrees in the Graduate College, conferred in Chicago:	
Doctor of Philosophy.....	14
Master of Science.....	<u>40</u>
<i>Total, Graduate College.....</i>	<i>54</i>
Degrees in Dentistry, conferred in Chicago:	
Bachelor of Science in Dentistry.....	37
Doctor of Dental Surgery.....	<u>59</u>
<i>Total, Dentistry.....</i>	<i>96</i>
Degrees in Medicine, conferred in Chicago:	
Bachelor of Science in Medicine.....	128
Bachelor of Science in Occupational Therapy.....	9
Doctor of Medicine.....	<u>168</u>
<i>Total, Medicine.....</i>	<i>305</i>
Degrees in Nursing, conferred in Chicago:	
Diploma in Nursing.....	(40)
Bachelor of Science in Nursing.....	<u>11</u>
<i>Total, Nursing.....</i>	<i>11</i>
Degrees in Pharmacy, conferred in Chicago:	
Bachelor of Science in Pharmacy.....	<u>100</u>
<i>Total, Degrees Conferred in Chicago.....</i>	<i>567</i>
<i>Total, Urbana and Chicago.....</i>	<i>3,170</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

WALTER GERRY KELL, B.B.A., M.B.A., University of Michigan, 1946, 1947
 CHARLES LAWRENCE, B.S., University of Denver, 1943; M.S., University of Colorado, 1948
 KWANG-CHI SIH, B.S., Chiao Tung University, 1946; M.S., 1950
 WILLIAM ADOLPH TERRILL, B.B.A., B.S., University of Cincinnati, 1938, 1940
 GLEN GIVENS YANKEE, A.B., Washburn College, 1939; A.M., 1941

In Agricultural Economics

WILBUR DAHL BUDDEMEIER, B.S., M.S., 1933, 1941
 REX FELTON DALY, B.S., Utah State Agricultural College, 1938; M.S., University of Maryland, 1939
 CARLOS CLIFTON ERWIN, A.B., Murray State College, 1939; M.S., University of Kentucky, 1948
 RICHARD CHIEN-WEN KAO, B.S., M.S., 1949, 1950
 THADDEUS JOSEPH OBAL, B.S., M.S., 1948, 1949
 FRANKLIN JACOB REISS, B.S., M.S., 1940, 1942
 WILLIAM NEIL THOMPSON, B.S., M.S., 1941, 1942
 WALTER JOE WILLS, B.S., M.S., 1936, 1937

In Agronomy

- DILIP KUMAR BANERJEE, B.Sc., Calcutta University, 1943; B.S., M.S., Cornell University, 1947, 1948
 HAROLD WESLEY GAUSMAN, B.S., University of Maine, 1949; M.S., 1950
 JEROME CLEMENT LYONS, B.S., M.S., 1947, 1948
 JAMES CLEMENS NEILL, B.S., Monmouth College, 1940; M.S., Iowa State College, 1948
 WILLIAM MAX ROSS, B.S., M.S., 1948, 1949
 FRED WARREN SLIFE, B.S., M.S., 1947, 1949

In Animal Nutrition

- PEI-HSING LIN, B.S., Ginling College, 1946; M.S., University of Massachusetts, 1949

In Animal Science

- JAMES DILLON KEMP, B.S., M.S., University of Kentucky, 1948, 1949
 MYRON WILLIAM PASVOGEL, B.S., M.S., 1936, 1949
 CLARENCE VERL ROSS, B.S., A.M., University of Missouri, 1938, 1948

In Bacteriology

- HARLYN ODELL HALVORSON, B.S., M.S., University of Minnesota, 1948, 1949
 MARCOS BORIS ROTMAN, Ch.E., Frederick Santa Maria Technical University, 1948
 RAQUEL BERTA SUSSMAN, Chemistry and Pharmacy, University of Chile, 1944

In Botany

- ROBERT AUGUST EVERS, B.S., Kansas State College, 1933; M.S., 1941

In Ceramic Engineering

- ARTHUR LEROY FRIEDBERG, B.S., M.S., 1941, 1947

In Chemical Engineering

- WILLIAM ARTHUR JUNK, JR., B.S., M.S., Pennsylvania State College, 1948, 1950
 RICHARD WARRING KUNSTMAN, B.Ch.E., University of Delaware, 1948

In Chemistry

- DONALD STANLEY ACKER, B.S., Allegheny College, 1949
 EUGENE P. BERTIN, JR., B.S., M.S., 1948, 1949
 HOMER JAMES BIRCH, B.S., Youngstown College, 1941; M.S., 1949
 DAVID BRUCE BRIGHT, B.Ch., University of Minnesota, 1949; M.S., 1950
 DAVID WILCOX CARLEY, A.B., Knox College, 1943; M.S., 1947
 KENNETH GEORGE CLARKE, A.B., University of Buffalo, 1949
 SAUL MARK COHEN, B.S., University of Massachusetts, 1948; M.S., 1949
 RICHARD COLE, Ch.E., College of the City of New York, 1944; M.S., 1948
 HENRY ZUCKERT FRIEDLANDER, A.B., Oberlin College, 1948; M.S., 1949
 RALPH GHER, JR., A.B., M.S., 1948, 1949
 AARON BROWN HERRICK, A.B., Princeton University, 1947
 RICHARD LESLIE HINMAN, A.B., Columbia University, 1949
 JOHN EDWARD McNAMARA, A.B., Knox College, 1947; A.M., 1949
 JOHN REID MILLS, A.B., A.M., University of Toronto, 1943, 1944
 WILLIAM ROGER PETERSON, A.B., Carroll College, 1949
 FREDERICK LEIGH PUNDSACK, B.S., 1949
 MICHAEL MULLEN ROBISON, A.B., Reed College, 1949
 EARLE STANLEY SCOTT, A.B., Reed College, 1949
 EDWARD ALEXANDER SIENICKI, A.B., M.S., Syracuse University, 1941, 1948
 ALLEN BYRON SIMON, B.S., College of the City of New York, 1947; M.S., 1948
 JOHN MORROW STEWART, B.S., Davidson College, 1948; M.S., 1950
 ROBERT FLOYD VANCE, B.S., Otterbein College, 1949; M.S., 1950
 HARLAN PRINCE WALLINGFORD, B.Ch.E., Cornell University, 1949
 ROBERT LLEWELLYN WIXOM, A.B., Earlham College, 1947
 OWEN YORK, JR., A.B., Evansville College, 1948; A.M., 1950

In Civil Engineering

RALPH NORMAN McMANUS, B.S., M.S., University of Alberta, 1942, 1946
JOSEPH LEE WALING, B.S., M.S., Purdue University, 1938, 1940

In Economics

ARTHUR TSUNG-YUAN LOH, A.B., St. John's University, 1945; M.S., 1949

In Electrical Engineering

MAHMOUD AHMAD EL-MELEHY, B.S., Fouad First University, 1947; M.S., Ohio State University, 1949; M.S., 1950
YUEN-TZE LO, B.E., National Southwest Associated University, 1942; M.S., 1949
JAMES EVANS ROBERTSON, B.S., Oklahoma Agricultural and Mechanical College, 1947; M.S., 1948
KURT KARL TOMAN, Diploma Engr., University of Technology, 1949
JAMES YETOW WONG, B.Sc., University of Manitoba, 1948; M.S., 1949

In English

LEADIE MAE CLARK, A.B., A.M., 1945, 1945
CHARMENZ SHIRLEY LENHART, B.S., M.S., Indiana State Teachers College, 1939, 1940
DOROTHEA BIGNELL MORSE, A.B., Nebraska Wesleyan University, 1926; A.M., State University of Iowa, 1934; B.S.(L.S.), University of Denver, 1945
ROBERT BERTRAM OGLE, A.B., University of Minnesota, 1935; A.M., University of Chicago, 1947

In Entomology

EDWARD COULTON BECKER, B.S., University of Missouri, 1944; M.S., 1950
NORMAN WILLISTON EARLE, B.S., M.S., 1949, 1950
JAMES GORDON STERNBURG, A.B., M.S., 1949, 1950

In Food Technology

SZU SHIANG CHANG, B.S., Chi-nan University, 1941; M.S., Kansas State College, 1949
WINSTON HAROLD WINCERD, B.S., M.S., Kansas State College, 1948, 1949

In Geology

ERNEST HATHAWAY MULLER, A.B., College of Wooster, 1947; M.S., 1949
EDWIN WILSON TOOKER, B.S., Bates College, 1947; M.S., Lehigh University, 1949

In German

ALLAN MARTIN CRESS, A.B., A.M., 1942, 1948

In Mathematics

BURTON VICTOR DEAN, B.S., Northwestern University, 1947; M.S., Columbia University, 1948
MARION PRESTON EMERSON, B.S., Southwest Missouri State College, 1938; M.S., University of Wisconsin, 1949
DONALD GORDON HIGMAN, A.B., University of British Columbia, 1949; A.M., 1951
GEORGE ROGER LIVESAY, B.S., M.S., 1948
ROBERT JEROME SILVERMAN, B.S., M.S., University of Chicago, 1947, 1948
MICHAEL JOHN WALSH, B.S., Carroll College, 1940; M.S., University of Notre Dame, 1942
KENNETH GRAHAM WOLFSON, A.B., Brooklyn College, 1947; A.M., Johns Hopkins University, 1948

In Mechanical Engineering

TZU-CHUEN HUANG, B.S., National Chiao-Tung University, 1946; M.S., 1949

In Mining and Metallurgical Engineering

GEORGE BROMLEY CLARK, B.S., M.S., University of Utah, 1935, 1946; E.M., 1949
HOLLIS PHILIP LEIGHLY, JR., B.S., M.S., 1948, 1950

In Philosophy

LAWRENCE LINDLEY HAWORTH, A.B., Rollins College, 1949; A.M., 1950

In Physical Education

ERNEST DENZIL MICHAEL, JR., B.S., Purdue University, 1947; M.S., 1949

In Physics

ANDREW LEE ATKINS, JR., A.B., B.S., Southeast Missouri State Teachers College, 1947, 1947; M.S., 1948

CHARLES PALMER BEAN, A.B., University of Buffalo, 1947; A.M., 1949

DAVID BELLAMY DUTTON, B.S., Case Institute of Technology, 1947; M.S., 1949

GLENN ALBERT PRICE, B.S., University of Kentucky, 1946; M.S., 1948

FERDINAND JOHN SHORE, JR., B.S., Queens College, 1941; M.S., Wesleyan University, 1943

In Physiology

WILLIAM CLARENCE CLARK, Ph.B., St. Louis College of Pharmacy, 1921; Ph.G., Ph.C., B.S., M.S., 1924, 1930, 1934, 1947

WARD WILFRED MOORE, A.B., M.S., 1948, 1951

JULIUS PRAGLIN, A.B., Clark University, 1948; A.M., 1950

In Political Science

SYLVAN FRED JAENKE, B.S., A.M., 1947, 1948

DONALD BRUCE JOHNSON, A.B., University of Minnesota, 1943

MARIAN ELIZABETH RIDGEWAY, B.J., A.M., University of Missouri, 1935, 1946

JOHN RICHARD SCOTT, B.Ed., M.S., Illinois State Normal University, 1940, 1947

In Psychology

MARVIN ADELSON, B.S., Virginia Polytechnic Institute, 1947; A.M., 1950

MAXWELL SPENCER PULLEN, A.B., University of Wisconsin, 1939

GEORGE JOHN SUCI, B.S., M.S., Purdue University, 1947, 1948

In Spanish

RICHARD BEYM, A.B., A.M., 1943, 1948

MARIA CONCEPCION ZARDOYA, A.B., A.M., University of Madrid, 1932, 1947

In Theoretical and Applied Mechanics

DALE RINGWALT CARVER, B.S., M.S., Kansas State College, 1946, 1949

MING MAO CHEN, B.S., National Wu-han University, 1941; M.S., 1948

ALFRED HARTMANN HAUSRATH, B.S., Iowa State College, 1947; M.S., 1949

JOSEPH LOUIS KRAHULA, B.M.E., M.S., Rensselaer Polytechnic Institute, 1946, 1950

KARL STARK PISTER, B.S., M.S., University of California, 1945, 1948

SHOU-LING WANG, B.S., St. John's University, 1946; M.S., Yale University, 1948

Degree of Doctor of Education

CARL HARMOND BAUMGARDNER, B.Ed., Illinois State Normal University, 1942; A.M., 1949

KENNETH LAWRENCE HUSBANDS, A.B., University of Kansas City, 1937; A.M., University of Missouri, 1938; Ed.M., 1950

Professional Engineering Degree*Degree of Chemical Engineer*

LEONARD LOUIS SUTKER, B.S., 1926

Degree of Mechanical Engineer

GEORGE BUTLER GRIM, B.S., 1940

Degree of Master of Arts*In Chemistry*

ROLAND JOSEPH GRISHABER, A.B., Lawrence College, 1951

In Economics

LOUISA JUNG-CHUN HSIAO, A.B., West China Union University, 1947
ALOYSIOUS KENNETH MROWIEC, A.B., Eureka College, 1951
MYINT SOE, A.B., University of Rangoon, 1951
JARED SPARKS, JR., A.B., Michigan State College, 1949

In Education

FRED GODFREY BLOSS, A.B., Quincy College, 1948
GUTHRIE LEE BRYANT, A.B., Illinois College, 1929
GENE JOSEPH CASEY, Ph.B., Illinois Wesleyan University, 1950
JOHN ROBERT DOBSON, A.B., 1938
PAUL MARCUS FURR, B.S., 1920
BARBARA KAISER HAXBY, Ph.B., Northwestern University, 1946
CLARK DONALD HOOT, A.B., Indiana Central College, 1937
MARY FRYREAR JOBE, A.B., Monmouth College, 1937
LEONARD HERNDON JONES, B.S., North Carolina Agricultural and Technical College, 1951
LEONA M. PETERSON KNAPP, A.B., Midland College, 1926
DAVID FREDERICK KOCH, JR., A.B., Iowa State Teachers College, 1947
BESSIE ALBERTA MAXEY, B.E., National College of Education, 1936
HARLEY K. MINNIS, B.S., 1950
GRACE LUELLE MUDGETT, A.B., Gallaudet College, 1931
VIOLA ALERTA MUNSON, A.B., Washington University, 1929
HILDRED GENEVIEVE NERHUS, A.B., Cornell College, 1940
SAICHI ONISHI, A.B., Hiroshima University, 1941
SOLA MAE PETTIGREW, A.B., Stowe Teachers College, 1947
ORA MARSHALL PIERCE, A.B., Stowe Teachers College, 1946
EUNICE ELEANOR SIFFERD, A.B., 1947
ELVA BACH SMITH, A.B., Berea College, 1919
CLIFFORD LEROY THAXTON, A.B., Illinois College, 1949
HAROLD ELWOOD VOYLES, B.S., 1947
JOHN THEODORE WEYRAUCH, A.B., Beloit College, 1949
BARBARA JUNE ZELLER, A.B., Shurtleff College, 1948

In English

CHARLES LYNFORD ADAMS, JR., A.B., Michigan State College, 1951
JOHN JOSEPH BULLARO, JR., A.B., 1950
JOHN COLLINGSWORTH COX, A.B., Vanderbilt University, 1948
MARY FOULK DALBEY, B.S., Indiana University, 1949
BETTY RUTH ENGLISH, A.B., 1951
HELEN ELLIS HAWORTH, A.B., Rollins College, 1949
WILLIAM HOWARD HITT, B.S., 1950
JOAN MARIE JOHNSON, A.B., Western Michigan College of Education, 1950
EDWARD RICH LEVY, A.B., James Millikin University, 1951
SALLIE KIRK LUNDEEN, A.B., 1949
EDWARD JAMES MARTINSON, A.B., 1951
HOWARD KENNETH NIXON, JR., A.B., Columbia College, 1950
CHARLES EDWARD OHLSEN, JR., A.B., 1948
HARRY ELDON PREBLE, A.B., 1951
WARREN LEE ROYER, A.B., 1950
RACHEL ELIZABETH STANFIELD, A.B., 1943
JACK TILDEN STOKES, A.B., Indiana State Teachers College, 1950

In French

GORDON UYTTEBROUCK, A.B., 1951

In German

CHARLES WESLEY HOFFMANN, A.B., Oberlin College, 1951
ALDONA-ANASTAZIJA KRIKSCIUNAITI, A.B., 1951
ELIZABETH MARIANNE SANDS, A.B., Rice Institute, 1950
CAROL DINSDALE WORTH, A.B., 1950

In History

- GERTRUDE THAYER ALMY, A.B., Vassar College, 1949
MARY CATE MACLEAN, A.B., Oberlin College, 1947
HELEN SCOTT MALONE, A.B., 1943
ELMO RACE RICHARDSON, A.B., 1952
DAVID EARL ROBBINS, JR., A.B., Houghton College, 1947; A.M., Syracuse University, 1948
HOWARD LEE SCAMEHORN, A.B., Western Michigan College of Education, 1949
JOHN LESLIE TEVEBAUGH, A.B., 1950
ROSS PAUL TITUS, A.B., 1948

In Italian

- OLGA KOSHANSKY, Candidate in Philosophy, University of Gottingen, 1948

In Labor and Industrial Relations

- MARK LEE ACKERMAN, III, B.S., 1951
SHERMAN DAVID ROSEN, B.S., 1950

In Latin

- RUTH MARIE PROTZMAN, A.B., Manchester College, 1942; B.S.(L.S.), 1946

In Mathematics

- WILLIAM WALTON HALL, JR., B.S., United States Military Academy, 1946
DONALD EARL ROBINSON, B.S., Northeast Missouri State Teachers College, 1950

In Philosophy

- CARL COHEN, A.B., University of Miami, 1951
DUANE HAPGOOD WHITTIER, A.B., University of New Hampshire, 1950

In Political Science

- ALBERT AUGUST CACHERAT, B.S., Eastern Illinois State College, 1948

In Psychology

- JACK ARBIT, A.B., 1951
WALTER ARNOLD CLEVEN, B.S., 1950
ALAN LAWRENCE STRAND, B.S., 1949

In Social Sciences

- LOLA RUTH EVEANS, A.B., Illinois Wesleyan University, 1948
STANLEY MARSHALL KANARE, A.B., University of Connecticut, 1950
WILLIE McLANE MARION, A.B., 1951
CARL VAHRADIAN, A.B., Roosevelt College, 1951

In Sociology

- WILLIAM JEAN BEESON, A.B., 1951
RAYMOND EDWARD RIES, A.B., 1949

In Spanish

- RAQUEL ANDRADE, B.S., University of Chile, 1948
CLARA AGLAIA FANAKOS, B.S., Eastern Illinois State College, 1951
DOROTHY JEANNE GENGLER, A.B., Vanderbilt University, 1949
MARILYN YVONNE JACOBSON, A.B., Knox College, 1949
DOROTHY BEEMER KERN, A.B., 1945
HUGH DONALD LANDRUM, A.B., Louisiana Polytechnic Institute, 1950
SOL SAPORTA, A.B., Brooklyn College, 1944
JACQUELINE WEAVER, A.B., 1950
MINNIE LUCILLE WILLS, A.B., Olivet Nazarene College, 1951

In Speech

KENNETH GORDON CRIDER, A.B., University of Denver, 1950
CHARLES FINLEY DUNCAN, JR., A.B., Abilene Christian College, 1945
JAMES LEE HIGHLANDER, A.B., Eureka College, 1951
DONALD ELMER POLZIN, A.B., Illinois College, 1951
VERNON EDGAR VOYLES, A.B., Grinnell College, 1950

In Statistics

JACK OLIN NEUHAUS, B.S., 1951
MARILYN SIEGEL, A.B., Roosevelt College, 1951

In the Teaching of English

RUTH VAN VLAARDINGEN, A.B., Valparaiso University, 1949

In the Teaching of Social Studies

DOLORES CLAUDY HANSSEN, B.S., Illinois State Normal University, 1950
RUTH MARGARET MEECH, A.B., 1951
GLADYS INEZ PIERCE, A.B., Shaw University, 1949
DONALD ROBERT WHITNAH, A.B., 1951

In the Teaching of Speech

EVELYN ROWENA HORINE, B.S., Northwestern University, 1930

Degree of Master of Science*In Accountancy*

MARVIN ROBERT ISAN, B.S., Miami University, 1950
OSCAR MARVIN KRIEGMAN, B.S., 1951
BURNETT ALLAN LITTLE, B.S., Hampton Institute, 1938
JOHN DENNIS O'SULLIVAN, B.S., Quincy College, 1951
NICHOLAS TRIANT PREPOUSES, B.S., University of San Francisco, 1951
EUGENE LEE STEP, A.B., University of Omaha, 1951
DONALD ALLAN SULLIVAN, B.S., James Millikin University, 1948

In Aeronautical Engineering

GAUTAM KHOSLA, B.S., M.S., University of Punjab, 1945

In Agricultural Economics

GEORGE DEAN HASENMYER, B.S., 1951
WILLIAM MCDANIEL HERR, B.S., Cornell University, 1951
FRED EDWARD JUSTUS, JR., B.S., 1951
WARREN CURTIS KENYON, B.S., 1947
JOHN RAYMOND LAUER, B.S., 1951
JAMES DICKEN TUGGLE, B.S., Western Kentucky State College, 1948
MARTIN VEIKKO WAANANEN, B.S., Michigan State College, 1950

In Agricultural Education

JAMES LARKIN GOLBY, B.S., 1950
FRANK WILLIAM PETERSEN, B.S., 1949

In Agricultural Engineering

DONALD LLOYD BRAKENSIEK, B.S., 1951
WAYNE EVERETT HARTMAN, B.S., 1951
WALTER DALE LEMBKE, B.S., 1951

In Agronomy

WILLIAM RAY DUNN, B.S., 1936
CHARLES R. FINLEY, B.S., 1951
WILLIAM KIRK GRIFFITH, B.S., Western State College, 1951
ROLAND DANIEL HAUCK, Ph.B., University of Chicago, 1948; A.B., North Central College, 1950

ROBERT HAWTHORNE MAIER, B.S., University of Miami, 1951
WARREN CHRISTIAN NELSON, B.S., 1943, 1951
WILLIAM ROBERT OSCHWALD, B.S., 1950

In Animal Nutrition

JAY ALDEN FIRTH, B.S., 1951
ELMER WILLIAM HARTSOOK, B.S., West Virginia University, 1950
JACK MICHAEL IACONO, B.S., Loyola University, 1950
ROBERT JAMES MEADE, B.S., University of Nebraska, 1949

In Animal Science

ORLAND NEAL ALFORD, B.S., Western Kentucky State College, 1950
ELIJAH BOYD, B.S., Langston University, 1940
JAMES LAWRENCE WILLIAMSON, B.S., University of Georgia, 1951

In Architectural Engineering

DAVID KEITH PYLE, B.S., 1950
GEORGE WESLEY REIHMER, B.S., 1950
JOHN EDWARD SEVERNS, B.S., 1950

In Architecture

WILLIAM HERMAN RUMP, A.B., University of Nebraska, 1950

In Bacteriology

MARY KATHERINE BROWN, B.S., Bradley University, 1946
BARBARA PRAY ELLIOTT, B.S., Ohio State University, 1948
MARSHALL ALLEN FALK, B.S., Bradley University, 1950
MARION NYHOLM GILMOUR, A.B., University of British Columbia, 1949
SAM HASHIMOTO, B.S., University of Michigan, 1950
ALVIN MARKOVITZ, B.S., 1950
HAROLD LLOYD SADOFF, B.Ch.E., University of Minnesota, 1947
JOYCE ERICKSON SCHOLZ, B.S., University of North Dakota, 1950
LIN EN JOSEPHINE SHEN, A.B., St. John's University, 1948
JOHN THOMAS SOKATCH, B.S., University of Michigan, 1950

In Biological Sciences

LEANORA MARIE BUEHLER, B.S., 1950
ARTHUR JAY FRIDUSS, B.S., 1951
GEORGE LANCASTER HARRO, A.B., Wheaton College, 1949
LEOPOLD JOHN TRECIOKAS, B.S., 1951
HARRY YOU MUN WONG, B.S., University of Dayton, 1951

In Botany

BETH ELAINE GOODRICH, A.B., Houghton College, 1948
HAROLD HERMAN KUEHN, A.B., Montana State University, 1950
IRWIN BERNARD PERLIS, A.B., University of California, 1950
ALBERT ERNEST VATTER, JR., B.S., Northwestern University, 1946

In Ceramic Engineering

IRVIN JONES MCKEAND, B.S., United States Naval Academy, 1945; B.S., Virginia Polytechnic Institute, 1951
JAMES ANDREW NELSON, B.S., 1941
URI PIMSTEIN, B.S., 1951
SHOU-CHENG TSE, B.S., Ta Tung University, 1948
WILLIAM FREDERICK ZIMMERMAN, B.S., Wayne University, 1948

In Ceramics

GEORGE FAIRBANK STOCKDALE, B.S., Hamilton College, 1942

In Chemical Engineering

HERBERT FARADAY KRAEMER, B.Ch.E., University of Delaware, 1947
VINCENT PAUL MILO, B.S., University of Alberta, 1949
HARRY DALE ONGMAN, B.S., 1949

In Chemistry

VICTOR ERNEST BUHRKE, B.S., 1950
HOWARD JOSEPH BURKE, A.B., Kalamazoo College, 1951
PHYLLIS RHODA COHEN, A.B., New York University, 1951
BYRON LEE HAINES, A.B., Hanover College, 1950
S. LAWRENCE JACOBS, B.S., Rensselaer Polytechnic Institute, 1951
LEWIS IRVIN KRIMEN, B.S., Albright College, 1951
DAVID MILLARD LOCKE, B.S., University of Michigan, 1951
HARRY JACOB NEUMILLER, JR., A.B., Knox College, 1951
PATRICIA McMILLIN SAXTON, A.B., Radcliffe College, 1950

In City Planning

JERRAL TALBOT HARPER, B.S., 1951

In Civil Engineering

RODNEY ASCHENBRENNER, B.S., State College of Washington, 1949
EARL THOMAS BALKUM, B.S., 1950, 1951
JOHN HARRISON BIGHAM, B.S., 1949
ROBERT CALVIN BINNING, B.S., University of Wisconsin, 1951
ERNEST ARTHUR BOULDING, JR., B.S., 1951
ARTHUR JOHN CARLSON, JR., B.S., Kansas State College, 1950
PHILIP YEONG-WAI CHOW, B.S., University of Arizona, 1950
NICHOLAS CHRYSAFOPOULOS, B.S., Robert College, 1940
RUDOLF ERNEST ELLING, B.S., Michigan State College, 1950
HANS ARNOLD GROGG, Diploma, Civil Engineering, Swiss Federal Institute of Technology, 1949
RALPH CRANE HAHN, B.S., 1951
DANIEL JOSEPH HANSON, B.S., 1951
EDMUND PENIA HERNANDEZ, B.S., 1951
FRANK LESLIE HOWLAND, B.S., Rutgers University, 1950
WILLIAM PATERSON HUNTER, B.S., Glasgow University, 1946
ROBERT NORMAN JANOPAUL, B.S., University of California, 1951
FELIPE JIMENEZ, B.S., University of Puerto Rico, 1950
JOHN WILLIAM JOHNSON, B.S., University of Wyoming, 1949
DAVID BERREY KEEZELL, B.S., Virginia Polytechnic Institute, 1941
DAVID JAMES LAURIE KENNEDY, A.B., University of Toronto, 1951
ARMAS LAUPA, B.S., Georgia Institute of Technology, 1950
IGNACIO MARTIN, C.E., University of Havana, 1951
JAMES MILTON MASSARD, B.S., Ohio University, 1950
HOMAYOUN MEHEEN, B.S., University of Colorado, 1951
WILLIAM HENRY MILLEY, B.S., University of Alberta, 1949
ROBERT HAROLD MITCHELL, B.S., 1951
OWEN MIYAMOTO, B.S., University of Hawaii, 1950
ROBERT FORMAN MOSHER, B.S., 1944
JAMES MATHEW MUELLER, B.S., United States Military Academy, 1945
EDWIN THOMAS O'DONNELL, B.S., United States Military Academy, 1944
CHAMLONG SALIGUPTA, B.S., 1951
RALPH MARIO SANTAMARIA, B.S., University of New Mexico, 1951
BEVERLY CARRADINE SNOW, JR., B.S., United States Military Academy, 1944
METE AVNI SOZEN, B.S., Robert College, 1951
JEROME FRANCIS ULATOWSKI, B.S., 1950
JAMES S. VALACH, B.S., State College of Washington, 1949
ALFRED HENRY VICTOR, JR., B.S., United States Military Academy, 1946
SHAHEN YEGIAN, B.S., University of Tehran, 1948
IRFAN YILDIRIM, B.S., University of California, 1950; B.S., University of Colorado, 1951

In Clinical Psychology

WILLIAM LEON BASTENDORF, A.B., Pomona College, 1948
RALPH BERNARD CARY, A.B., University of Wisconsin, 1950
FRANCIS ANDREW ENOS, A.B., Augustana College, 1950

RUSSELL JOHN JESSEN, A.B., University of Omaha, 1948
 MELVIN EDWIN KAUFMAN, A.B., Hunter College, 1950
 ERNEST ANDREW KURTZ, B.S., 1949
 ESTHER GOULD NOLL, A.B., University of Wisconsin, 1947
 JOHN OWEN NOLL, A.B., University of California, 1950
 LEWIS JOSEPH SHERMAN, B.S., College of the City of New York, 1950
 SEYMOUR WOLF, B.S., 1949

In Dairy Science

MURRAY JAMES HALL, B.S., Southern University, 1949
 RICHARD FRANCIS SCHWERDT, B.S., 1950

In Dairy Technology

DONALD GENE SANG, B.S., 1950

In Education

ELEANOR MAE ALLEN, B.S., Illinois State Normal University, 1945
 CASSIUS ALLEN ARMSTRONG, B.S., 1937
 BILLIE BRADFORD ARNEY, B.S., Eastern Illinois State College, 1949
 MOSTAFA KAMEL BADRAN, B.S., Fouad First University, 1943; Diploma, Education, Institute of Education, 1946
 GEORGE HOLBROOK BARGH, B.S., 1949
 THOMAS EARL BOTTOMLEY, B.Ed., State Teachers College (Oshkosh, Wisconsin), 1933
 EDWARD LAWRENCE BROWN, B.S., 1949
 SPENCER ARDELL BULLARD, B.S., 1948
 LOWELL ABNER BURKETT, B.S., 1946
 ROBERT BYRON BURNS, B.S., 1950
 PAUL WINSTON CHANCE, B.S., Indiana State Teachers College, 1949
 CHARLES HENRY CROWLEY, B.S., 1942
 FRANK ANTHONY DAGNE, B.S., Illinois State Normal University, 1948
 ERNEST JUDSON DEWITT, JR., A.B., Shurtleff College, 1949
 RICHARD JAMES DORSEY, B.S., Illinois State Normal University, 1948
 CHARLES ALBERT FISCUS, B.Ed., Eastern Illinois State College, 1949
 BARBARA FRAZIER, B.S., Eastern Illinois State College, 1949
 RAY GORDON GRIERSON, B.S., 1947
 MANFORD MILTON HARMON, B.Ed., Eastern Illinois State College, 1942
 GEORGE RICHARD HARRIGAN, B.S., University of Cincinnati, 1939
 HENRY FOLEY HARTRICH, B.S., 1949
 CLIFFORD LESLIE HERBST, A.B., St. Ambrose College, 1949
 JAMES WILLIAM HOLADAY, B.S., Eastern Illinois State College, 1949
 CHARLES EDWARD HOUSE, B.S., Southern Illinois University, 1949
 ELMER BENTON JACOBS, JR., B.S., Southern Illinois University, 1949
 CLYDE CLIFFORD JENKINS, B.S., Indiana State Teachers College, 1939
 LOREN RICE LEWIS, B.S., 1950
 ALBERT BERNARD MARX, B.S., 1949
 VIRGINIA BALES MCCASEY, B.S., 1941
 WILLIAM ROBERT MCCONNELL, B.S., 1949
 EDWARD HAROLD NOFFKE, B.S., Eastern Illinois State College, 1949
 CLYDE FREDERICK PETERSON, B.S., Illinois Wesleyan University, 1939
 CARROLL RAY PETTY, B.S., 1941
 ROSS WILBUR PHILLIPS, B.S., Eastern Illinois State College, 1945
 DAVID HARRISON RADCLIFFE, B.S., Southeast Missouri State Teachers College, 1948
 KENNETH EUGENE ROLL, B.S., 1943
 CLIFFORD ST. JOHN, B.S., Illinois State Normal University, 1948
 SISTER M. GILBERTA KENNEDY, B.Ed., Illinois State Normal University, 1938
 HARRY EDWARD SMITH, B.S., 1950
 MARY DYER STARKS, B.S., Western Kentucky State Teachers College, 1941
 DONALD EDWARD SULLIVAN, B.S., Eastern Illinois State College, 1948
 FRANCES ANEMONE WILLIAMS, B.Ed., Southern Illinois University, 1945
 ANNOLA JANET HAWKINS WILSON, B.S., 1949

In Electrical Engineering

SERGIO ANTONIO ALESSIO, B.S., Fournier Institute of Technology, 1951
JAMES EDWARD AMS, B.S., 1951
ARTHUR JAMES BARRETT, B.S., University of Arkansas, 1944
JOHN LINDEN BENNETT, B.S., United States Military Academy, 1946
WALDO EMMERSON BERTONI, B.S., United States Military Academy, 1948
WILLIAM ALLEN BLACKWELL, B.S., Texas Technological College, 1949
WILLIAM MICHAEL BORMAN, B.S., Fournier Institute of Technology, 1951
ROMAN BRUCH, B.S., 1948
GLENN McDONALD CATE, B.S., Carson Newman College, 1950
JOHN NOEL DAVIDSON, B.S., Missouri School of Mines, 1951
JOHN MICHAEL DELVENTO, B.S., 1948
NORMAN J. ELLIOTT, B.S., 1949
STANLEY JOHN GOSLOVICH, B.S., Illinois Institute of Technology, 1950
WILLIAM WALTON HALL, JR., B.S., United States Military Academy, 1946
DAVID JARVIS, B.S., United States Military Academy, 1947
MILTON LOUIS KULT, B.S., 1951
ROBERT AKIN McDARIS, B.S., 1951
JAMES SAMUEL MCKINNEY, B.S., University of Tennessee, 1947
WILLIAM EARL MICHEL, B.S., 1951
EUGENE ALBERT MUELLER, B.S., 1951
WILLIAM FERDINAND SCHARRE, JR., B.S., United States Military Academy, 1946
HENRY ALBERT SCHOWENGERDT, JR., B.S., 1951
HERBERT ARDIS SCHULKE, JR., B.S., United States Military Academy, 1946
LEROY JOSEPH SMITH, B.S., 1951
PAUL DAVID SMITH, B.S., Rose Polytechnic Institute, 1950
HAROLD JOSEPH STIRLING, B.S., United States Military Academy, 1946
PAUL ANDREW VANCE, JR., B.S., 1951
ROBERT WILSON WHITE, B.S., United States Military Academy, 1947

In Entomology

GEORGE BROWNLEE CRAIG, JR., A.B., Indiana University, 1951
ROBERT FREDERICK HARWOOD, B.S., 1950
PATRICK TUNG MOON LUM, A.B., Earlham College, 1950
IVAN NOEL MCDANIEL, B.S., Eastern Illinois State College, 1951
ARNOLD CHARLES RASSO, B.S., Union College, 1948

In Food Technology

THOMAS FRANCIS CONLEY, B.S., 1950
LOUIS ALBERT WOLLERMANN, B.S., 1950

In Geography

JULIEN ARTHUR CONRARDY, B.S., 1951
WILLIAM RUSSELL HULL, B.S., Bradley University, 1951
MELVIN ROBERT WALSH, B.S., 1951
THOMAS HENRY WOODYARD, B.S., Eastern Illinois State College, 1951

In Geology

CHARLES ADDISON BARTON, B.S., Millsaps College, 1949
JACK REMO CENTURY, B.S., 1951
DOROTHY JEAN GORE, B.S., Principia College, 1948
ROBERT NEWELL GRINNELL, B.S., 1951
RICHARD HENSLEY VORIS, A.B., Augustana College, 1950
ROBERT GALE ZIRKLE, B.S., 1950

In Home Economics

JESSIE KATHERYNE MCLUCKIE, B.S., 1949

In Home Economics Education

HELEN LEE DORRIS, B.S., Southern Illinois University, 1947
JACQUELINE THEO JOENS, A.B., Iowa State Teachers College, 1950

MARTHA ANN PROUD JORDAN, A.B., Rollins College, 1947
 JESSIE WOODHOUSE MANRING, B.S., Northern Illinois State Teachers College, 1950
 IRENE B. McCONNELL, B.S., Bishop College, 1942
 MARY ELAINE RYAN, B.S., Illinois State Normal University, 1947
 EMMA CHANDLER TALLEY, B.S., Illinois State Normal University, 1945
 MARILYN JANE THOMAS, B.Ed., Southern Illinois University, 1944

In Horticulture

JAN WALLACE ABERNATHIE, B.S., 1951
 RAYMOND EDWARD ANDERSON, B.S., 1951
 ROBERT RUSSELL RICE, B.S., Colorado State College of Agriculture and Mechanical Arts, 1950

In Journalism

HOMER MORROW DALBEY, A.B., Indiana University, 1949
 WAVE MAXINE CHAMBERS ENGERT, A.B., Duke University, 1940
 ROBERT ERNEST VOGEL, A.B., 1950
 SALLY JOY WOODSON, A.B., Lindenwood College, 1950

In Library Science

IRENE KERSHAW AINSWORTH, A.B., MacMurray College, 1933
 OMAR ALBERT BACON, B.E., Wisconsin State Teachers College (River Falls), 1936; B.S., George Peabody College for Teachers, 1939
 MARY RUTH BARBER, B.S., Maryville College, 1947
 GERTRUDE STREET BINGHAM, A.B., University of Louisville, 1951
 LAVINIA MARGARET BOWER, B.S., University of Kansas, 1947
 BENJAMIN HARRISON BRANCH, Jr., A.B., Guilford College, 1943; B.S., Drexel Institute of Technology, 1948
 IVAH FLORA CAMPBELL, A.B., B.L.S., University of Wisconsin, 1945, 1946
 ROBERT LELAND CARTER, A.B., Earlham College, 1949
 SARAH MABEL CASH, A.B., Huron College, 1947; B.S., 1948
 ELEANOR FUNG YIN CHONG, A.B., University of Hawaii, 1950
 ROBERT OREN CORKILL, Jr., A.B., Kansas State Teachers College (Emporia), 1950
 JAMES BEAUPRE DODD, B.S., M.S., Southern Illinois University, 1948, 1950
 JOHN EDGAR DUSTIN, A.B., A.M., Washington University, 1947, 1948
 RICHARD ALAN FARLEY, A.B., Northland College, 1940; B.L.S., University of Wisconsin, 1941
 EUGENE THOMAS FROSIO, A.B., A.M., University of Mexico, 1945, 1950
 RALPH PHILIP HERRON, Jr., B.S., University of Cincinnati, 1949
 CHARLES HENRY HEWITT, A.B., University of Arizona, 1944; A.M., University of Chicago, 1949
 NEVA NELL HUDSON, A.B., 1949
 MULHAMOOTLE MATHEW JOHN, A.B., Madras University, 1928
 ANN TELFAIR JOHNSON, A.B., Antioch College, 1933; B.S.(L.S.), Drexel Institute of Technology, 1949
 BETTY LOU KLEIN, A.B., Ottawa University, 1951
 ROSE MARIE LOMONTE, B.S., University of Houston, 1948
 ALICE ELIZABETH RASOR MARTIN, A.B., Ohio State University, 1928
 RUBY VESTA MARTZ, A.B., University of Oklahoma, 1942
 ELIZABETH WOODFIN MATTHEWS, A.B., Randolph-Macon College, 1948
 SIDNEY E. MATTHEWS, Jr., A.B., Randolph-Macon College, 1948; B.L.S., University of North Carolina, 1950
 DAGMAR MICHALOVA, A.B., Rutgers University, 1949
 KATHERINE LARIMORE MONTAGUE, A.B., University of Tennessee, 1946
 MADGE JOSEPHINE MOORE, A.B., Western College for Women, 1949
 THOMAS EDWIN PARKS, B.Ed., A.B., Southern Illinois University, 1942, 1947; A.M., Washington University, 1948
 SONIA MARIE SANDEEN, A.B., Lawrence College, 1950
 MARION DOUGLAS SANDIFER, A.B., Mississippi College, 1951
 FRANCES HELEN SAUPE, B.S., University of Minnesota, 1940
 MARIAN JEAN SPEER, A.B., Monmouth College, 1945
 KATHERINE ADEN STAACK, A.B., Augustana College, 1947

SOPHIA ELIZABETH SULLIVAN, A.B., Presbyterian College, 1937; B.S.(L.S.), George Peabody College for Teachers, 1940
FRANCIS JOSEPH THIEGS, A.B., College of St. Thomas, 1950
MAIMU VABASALU, A.B., Kansas Wesleyan University, 1951
KATY VANTHOF, A.B., Iowa State Teachers College, 1925
ELIZABETH THERESA VOGENTHALER, Ph.B., DePaul University, 1935
MURIEL BROWN WALKER, A.B., Langston University, 1947; B.S., 1948

In Management

LEONARD STANLEY OLENGINSKI, B.S., University of Nebraska, 1949

In Marketing

KONSTANTINOS EFTHIMIOS ARMAOS, A.B., Eureka College, 1951
MARTIN GEORGE BERUTTI, B.S., 1951
JASPER WILLIAM BROCK, JR., A.B., Duke University, 1948
AARON HARRY HULL, B.S., 1951
HASSAN AHMED TEWFIK, B.Com., Fouad First University, 1947

In Mathematics

RICHARD SOLOMON BALLANCE, B.S., Northwestern University, 1951
KENNETH ALLYN BRONS, A.B., North Central College, 1951
EARL OWEN EMBREE, B.S., Morgan State College, 1950
CALVIN VIRGIL HOLMES, A.B., A.M., University of Mississippi, 1947, 1948
ROGER EDWIN MESSICK, B.S., 1951
MARSHALL EMERSON NOLAN, B.S., United States Military Academy, 1944
NORMAN EMIL SEXAUER, B.S., Northwestern University, 1949
GLENN HUGHIE SHERADEN, B.S., 1951
RAY FREDERICK SPRING, B.S., University of Cincinnati, 1948
CARL HENRY TROSS, B.S., 1950

In Mechanical Engineering

ALBERT OREN DAVIS, B.S., Tennessee Polytechnic Institute, 1949
JAMES EMMETT LOOS, B.S., 1951
WILLIAM LAWRENCE McNULTY, B.S., 1951
WALTER VINCENT PETERNELL, B.S., University of Akron, 1949
PHILIP IRVING STONE, B.S., Northeastern University, 1935
HAROLD ELMORE STRAUB, B.S., Missouri School of Mines, 1949
WALTER GEORGE ZIMMERMAN, B.S., New Mexico College of Agriculture and Mechanical Arts, 1950

In Music Education

ARNOLD BROWN, B.S., Juilliard School of Music, 1949
JOHN DUANE DORCH, A.B., Carthage College, 1943
JOHN FRANKLIN GUSE, B.S., 1951
EDWARD JAMES JONES, B.S., 1951
DOLORES BETTY KOSTKA, B.S., 1951
EUGENE WALTER LOFTISS, B.S., 1950
GEORGE JACK SCHULER, B.Mus., M.Mus., Illinois Wesleyan University, 1948, 1949

In Physical Education

EUGENE GRISWOLD CHEEVER, B.S., South Dakota State College of Agriculture and Mechanic Arts, 1951
MARY DENT GRAY, B.S., Michigan State Normal College, 1950
ANNELIS STRANGE JENSEN, Certificates Denmarks Højskole for Legemesøvelser, University of Copenhagen, 1942, 1943
TAYLOR RICKEY LE FORT, B.S., University of Maryland, 1951
CHARLES GORDON PURVIS, B.S., 1940
CHARLES NORMAN SENG, A.B., McKendree College, 1951

In Physical Sciences

EDWIN WILLIAM DALEY, B.S., Rensselaer Polytechnic Institute, 1950

In Physics

HARLAN EUGENE ANDERSON, B.S., 1951
STEPHEN REYNOLDS ARNOLD, B.S., Massachusetts Institute of Technology, 1950
LEONARD BERNARD AUERBACH, B.S., College of the City of New York, 1951
JAMES OLIVER DYAL, JR., B.S., University of North Carolina, 1947
RICHARD LEE JOHNSON, B.S., 1951
ALAN B. KUPER, B.S., University of Chicago, 1949
ROBERT PAUL KUTARNIA, B.S., St. Lawrence University, 1949
RICHARD DALE PADGITT, B.S., 1951
WILLIAM MANGS PORTNOY, B.S., 1952
RICHARD WERNER VOOK, A.B., Carleton College, 1951
CHARLES HAMILTON WILCOX, B.S., Duke University, 1950
TAKETORA YAMAGATA, B.S., University of Tokyo, 1951

In Physiology

JAMES FRANCIS BRENNAN, B.S., 1950
PHILIP ALFRED BRUNELL, B.S., College of the City of New York, 1950
EDWARD JOSEPH REININGER, B.S., 1950
WALTER JOSEPH SCHREIBER, B.S., 1950
EARL WILSON SHELTON, B.S., Tennessee Agricultural and Industrial State College, 1950
IRA WEINSTEIN, B.S., Roosevelt College, 1949
HERBERT YEW KEE WONG, B.S., University of Dayton, 1949

In Plant Pathology

PATRICK MARTIN MILLER, B.S., 1950

In Speech Correction

ELLEN ANNE GERNON, B.S., 1951
NANCY SPITZE HAM, B.S., Northwestern University, 1945
MARIANN THERESE HAMMER, B.S., University of Minnesota, 1948

In the Teaching of Biological Sciences and General Science

THOMAS JOSEPH BICKEL, B.S., 1951
JAY GLADSTONE GORE, B.S., 1951
FRENCH EARL ROGERS, JR., A.B., Berea College, 1949
MARY ESTELLE WILLIS, A.B., Spelman College, 1931

In the Teaching of Mathematics and the Physical Sciences

GERALD FREDRICH OCOCK, A.B., Valparaiso University, 1950

In Theoretical and Applied Mechanics

YOSHIRO HIGUCHI, B. of Engr., Tokyo University, 1944
RUSSELL WILLIAM KARRY, B.S., Michigan College of Mining and Technology, 1950
TETSUICHI MITSUDA, B.S., Rose Polytechnic Institute, 1949
MASAKI SUGI, B.Engr., University of Tokyo, 1951

In Zoology

SIMON ARZIGIAN, A.B., Catholic University of America, 1951
GLENN MARTIN FRIEDMAN, A.B., Columbia University, 1951
DONALD IRVIN FUNK, B.S., 1951
JAMES HAROLD GILFORD, A.B., University of Pennsylvania, 1950
ARTHUR ALBIN JOHNSON, A.B., University of Minnesota, 1950
THEODORE MATTHEW KING, B.S., Quincy College, 1950
JAY CHARLES PASS, B.S., 1951
CHARLES ROBERT PEEBLES, A.B., Cornell University, 1951
MYRON WINICK, A.B., Columbia College, 1951
WILLIAM ZEBRUN, B.S., Southern Illinois University, 1949

Degree of Master of Music

CHARLES LEMON BESTOR, A.B., Swarthmore College, 1948
 RICHARD LAWRENCE BOUCHARD, B.S., 1951
 CHARLES BRENNAND, B.Mus., Oberlin College, 1951
 JOSEPH GUY COLEMAN, B.Mus., Oberlin College, 1951
 GEORGE HENRY CRUMB, B.Mus., Mason College of Music and Fine Arts, 1950
 ELEANORE CASSIA DOWLING, B.Mus., 1946
 LAWRENCE THOMAS FREDRICKSON, B.Mus., Ohio Wesleyan University, 1950
 DANIEL WESLEY LIDDELL, B.Mus., Olivet College, 1950
 MARY SNOW MCCARTY, B.Mus., Indiana University, 1950
 MILDRED KAUFMAN SHIELDS, A.B., B.Mus., Hendrix College, 1950, 1950
 DORIS JEANETTE SNYDER, B.Mus., Oberlin College, 1951
 BEVERLY ANN WILLIAMS, B.Mus., University of Oklahoma, 1949

Degree of Master of Education

LAYIWOLA ADEDOYIN ADEDEJI, A.B., Southwestern College, 1951
 HERBERT A. AMMONS, B.S., Kentucky State College (Frankfort), 1950
 MARY MARJORIE ASHBY, B.S., Eastern Illinois State College, 1944
 KENNETH WAYNE BAILEY, B.S., 1951
 CHARLES DICKINSON BAIN, B.S., Northern Illinois State Teachers College, 1948
 HENRY THOMAS BERRY, B.S., Western Illinois State College, 1946
 DONALD JAMES BIRR, B.S., 1950
 WILLIAM DOYLE BUGHER, A.B., DePauw University, 1951
 CLARENCE DAVID CAMPBELL, A.B., Greenville College, 1949
 CARL WESLEY COHOON, B.S., Eastern Illinois State College, 1949
 JOSEPH TURNER CONNELLY, Jr., A.B., University of Kansas, 1950
 CALVIN LOUIS CRAWFORD, A.B., Allegheny College, 1951
 LAWRENCE EDWARD CURL, B.S., Illinois State Normal University, 1949
 GEORGE DAN DEMOS, B.S., Northern Illinois State Teachers College, 1951
 DOCTOR DUDLEY EVANS, B.S., Shurtleff College, 1951
 JOHN EDGAR FRAZIER, B.S., 1950
 ROBERT BURL FRAZIER, Jr., B.Mus., M.Mus., Illinois Wesleyan University, 1947,
 1948
 CARROLL OTHO GARRISON, A.B., Central College, 1939
 CHARLES OTTO GORDON, A.B., Blackburn College, 1950
 HENRIETTA HOFFMAN GREMLEY, B.S., 1951
 FRANCIS LESLIE GRIFFITH, B.Ed., Illinois State Normal University, 1939
 WILLIAM FRANK HAAS, B.S., 1951
 ASAPH CHANDLER HAMMOND, B.S., 1922
 WILLIAM ROBERT HEDGCOCK, B.S., 1951
 HARRY HARRISON HIGGINS, B.S., Eastern Illinois State College, 1948
 ROBERT HOWE HOLTZMAN, B.S., University of Minnesota, 1944
 IRWIN HORWITZ, B.S., Northern Illinois State Teachers College, 1951
 CAROLYN WHITCOMB JEFFRIES, B.S., Indiana State Teachers College, 1951
 DONALD MAX JOHNSON, B.S., Eastern Illinois State College, 1949
 MARGRIETA OSIS KREISMANIS, B.S., 1951
 FRANK BERNARD KUNTZ, B.S., 1933
 CARL MAURITZ LINDVALL, A.B., Augustana College, 1947; A.M., 1950
 JAMES ELLIS MACGREGOR, B.Ed., Illinois State Normal University, 1938; A.M.,
 1943
 DEANE WESLEY MARTELL, B.S., Beloit College, 1949
 YUKIO MATSUSHITA, Diploma for Secondary Teacher, Kyushu University, 1949
 WILLIAM MATTHIAS, Jr., A.B., Eureka College, 1950
 WILLIAM JAMES MCCONNELL, B.S., Arkansas State College, 1947
 RAHIMBAKHSH MOHAMMEDBAKHSH MEMON, A.B., University of Bombay, 1939
 JOSEPH ANTHONY MICKA, B.S., Illinois State Normal University, 1951
 ABDUL MOKTADER, B.S., M.S., Decca University, 1932, 1933
 EMMETT JOSEPH MOLL, B.S., Southern Illinois University, 1949
 JAMES O'BRYAN MOORE, A.B., 1950
 RICHARD LAWRENCE MOORE, B.S., 1951

RICHARD FRANKLIN POWERS, B.S., 1949
 KHURSHEED QURAIISHI, B.T., University of Punjab, 1938
 NILZA CONI CALDAS SANTOS, A.B., 1951
 CHARLES WALTER SOUTHARD, A.B., Shurtleff College, 1949; A.M., 1950
 BERTHA JAMPPEL SPERGER, A.B., Hunter College, 1949
 S. G. SULTAN, A.B., A.M., M.O.L., Punjab University, 1939, 1946, 1948
 ROY YOSHI TAKEYAMA, B.S., Bradley University, 1951
 MICHAEL JOSEPH TIERNEY, B.S., 1951
 WILFORD HERSCHEL VANDEVENDER, B.S., 1940
 MAXIMINIANO ASPIRAS VELASQUEZ, B.S., National University, 1948
 LOIS ADELINE WEAVER, A.B., State University of Iowa, 1945
 EDWARD EARL WEBB, B.S., Mississippi State College, 1938
 BETTY ELLEN WEBSTER, A.B., 1951
 WESLEY MERCER WISELY, A.B., Cornell College, 1951
 DAVID LOGAN WOLFE, A.B., 1950

Degree of Master of Social Work

JOHN JOSEPH ALDERSON, B.S., 1950
 LINCOLN BOSCO, B.S., 1949
 LORRAINE GRACE WALLACH CARREN, A.B., 1950
 ROBERT WILLIAM CULP, B.S., Bradley University, 1948
 FUMIKO FUKUDA, A.B., Roosevelt College, 1950
 MARION CORNELIUS HATHAWAY, A.B., Illinois Wesleyan University, 1949
 FREDRIC MYERS HEFTER, A.B., 1950
 ANA KOSTELNY, A.B., University of Minnesota, 1945
 HENRY OHLRICH KROGH, B.S., Lewis Institute of Technology, 1938; M.S., 1947
 CHARLOTTE LANDAU, A.B., 1950
 VIRGINIA SMYTH REEDER, A.B., College of Puget Sound, 1939
 ROBERT RAYMOND SCHROEDER, A.B., 1950
 ROBERT HENRY SICULAR, A.B., University of California, 1950
 IRVING ABRAHAM SPERGER, B.S., College of the City of New York, 1946; A.M.,
 Columbia University, 1947
 GUIDO JAMES TARDI, B.S., George Williams College, 1943

Degree of Master of Fine Arts

In Painting

EDWARD HOWARD BETTS, A.B., Yale University, 1942
 ALICE ADELLE BOATRIGHT, A.B., University of Arkansas, 1947
 DONALD COULSON EDELMAN, B.F.A., Washington University, 1951
 FRANCIS GEORGE GIRARD, B.F.A., Washington University, 1951
 BENJAMIN WHARRIE LAWLESS, JR., B.F.A., 1950
 JOSEPH EDMUND SCHWARZ, B.F.A., Ohio Wesleyan University, 1950
 PAT BOODELL WARTIK, B.F.A., 1950

Advanced Certificate in Education

DELSIA BEASLEY, B.S., Southern Illinois University, 1947; M.S., 1950
 BERNICE IRENE JANSSEN, B.S., Western Illinois State College, 1941; M.S., 1949
 CONSTANTINE GEORGE LALOPOULOS, Diploma, Teachers College, 1929; Diploma,
 Athens University, 1936, 1945; Ed.M., 1951
 SISTER M. EMMA CLEARY, A.B., Rosary College, 1940; A.M., Loyola University,
 1946

COLLEGE OF LAW

Degree of Bachelor of Science

In Law

JOSEPH PATRICK KOVAL
 ROBERT EDWARD KUCZYNSKI

GEORGE MICHAEL MAROVICH
 KENNETH RALPH PALMER

Degree of Bachelor of Laws

- | | |
|---|---|
| JOHN ALEXANDER ANDREOS, B.S., 1951 | JACK OAKLEY KENNEDY, A.B., 1949 |
| JOHN J. BAKER, A.B., 1950 | ROBERT EDWARD KESLER, B.S., 1951 |
| WILLIAM ERWIN BEYER | WILLIAM RAY KESLER, B.S., 1951 |
| DAVID RAYMOND BOND, A.B., 1950 | CARL WESLEY LEE, B.S., 1950 |
| THOMAS MICHAEL BURKE | JOHN ALLEN LEEMON, B.S., 1950 |
| ROBERT LEE BUTLER, B.S., 1951 | WILLIAM HOWARD MALMGREN, A.B.,
Lake Forest College, 1935 |
| KEITH EUGENE CAMPBELL, B.S., 1950 | SHELDON BERNARD MAZOR |
| CLIFFORD MORTON CARNEY, A.B.,
Michigan State College, 1949 | ROBERT WADE McDONALD |
| JOHN EDWARD CASSIDY, Jr., B.S.,
University of Notre Dame, 1948 | BERNARD LOWELL MINTON, A.B.,
Illinois Wesleyan University, 1941 |
| WILLIAM LOUIS DALTON, B.S.,
Northwestern University, 1948 | WILLIAM EDWARD PARKER, B.S., 1950 |
| JOHN WILLIAM DOOLEY, A.B.,
University of Chicago, 1948 | JOHN ELWOOD POPHAM, B.S., 1950 |
| THOMAS AUGUST FINK, B.S., Bradley
University, 1950 | JOHN TARRELL PRATT, B.S., 1950 |
| JAMES LOUIS FOREMAN, B.S., 1950 | WILLIAM GILBERT RIDGEWAY, A.B.,
Southern Illinois University, 1949 |
| BASIL GEORGE GREANIAS, B.S., 1952 | MELVIN LLOYD SCHLUETER, A.B., 1950 |
| DOUGLAS EYER HAGER, B.S., 1951 | RALPH ENGLAND SHARP, Jr., A.B.,
1950 |
| JOSEPH ROBERT HALE, B.S., 1950 | RICHARD JOHN SHRAMM, A.B., 1950 |
| ROBERT LOUIS HANSON, B.S., 1950 | GUY HADLEY SLOAN, B.S., 1949 |
| EDWARD JAMES HARRISON, B.S., 1950 | EDWARD HARRISON SNYDER, A.B., 1950 |
| HARLAN HELLER, B.S., 1951 | CONWAY LAMARR SPANTON |
| THOMAS KING HOSTETLER, B.S., 1951 | EDWARD WILLIAM STUBBS, Jr., A.B.,
DePauw University, 1949 |
| RICHARD VENABLE HOUPPT, A.B.,
University of Chicago, 1949 | ERNEST VERNON TEDFORD, Jr., A.B.,
1950 |
| LESLIE THOMAS HOUSER, B.S., 1951 | LOUIS FRANCIS ULBRICH, Ph.B., Illinois
Wesleyan University, 1949 |
| WILLIAM CARROLL JACKSON, B.S., 1950 | ROBERT EDWARD UTTER, B.S., 1951 |
| GORDON FLOYD JOHNSON, B.S., 1951 | FRED DANIEL WELSCH, B.S., 1950 |
| HARRISON HOWARD KAVENSKY, B.S.,
1950 | RICHARD ROBERT ZIELINSKI |
| WALTER EUGENE KELLY, A.B., 1951 | |

Degree of Doctor of Law

- | | |
|------------------------------------|--|
| RALPH VERNON FROEHLING, B.S., 1951 | RICHARD STANLEY TYLER, B.S., Indiana
State Teachers College, 1950 |
| EDWARD STANLEY GIBALA, B.S., 1949 | |
| NATHAN EMILE HUMBRECHT, A.B., 1949 | |

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Agriculture*

- | | |
|---|--|
| EDWARD THEODORE ABBOTT, with High
Honors | GEORGE DEAN BOTTRELL |
| JOHN TORRENCE ALDERSON, with Honors | JAMES ABRAHAM BRILL, Jr. |
| FRED ARTHUR ATTERBERRY | SAMUEL JOSEPH BUCK, Jr., with High
Honors |
| EUGENE PHILLIP AYLWARD, with High
Honors | JEAN STUART CARNEY |
| ROBERT MAHL BARNES | WILLIAM MAX COON |
| FREDRICK JOSEPH BAXTER | VAUGHN ALEXANDER CRAFT |
| HOMER HONEYWELL BEALL, Jr., with
High Honors | PAUL MURVIN CROUSE |
| DEANE OLIVER BEHRENS | GEORGE SHUMAN CURTISS |
| MARVIN WALTER BERSCHET | WILLIAM MCKELVEY DAMISCH |
| JOHN RUSSELL BIGGER | EDWARD ALEXANDER DANIELSON |
| PETER ANDREW BONUCCI, with High
Honors | EARL DAVIS |
| | ROBERT LOUIS DAVIS, with High
Honors |
| | ROY DEAN DILLON, with Honors |

- LEE NELSON DREIMAN
 IVAN HERBERT DREMANN, with Honors
 LAWRENCE EDGAR EATON
 DONALD EDWARD ECKHOFF
 DONALD WAYNE EDWARDS
 WALTER BERNARD EICH, JR.
 CARL RUSSELL EKENA
 WAYNE KERMIT ELLIOTT
 MARVIN WALTER ENGELHARDT
 WALTER GORDON ENSTROM, with High Honors
 CHARLES WILLIAM FECHTIG
 WALTER LEO FEHRENBACHER, with Honors
 MICHAEL JOSEPH FIBICH, JR.
 DON EDWARD FINLEY, with Honors
 MARTIN MANUEL FLEISCHER
 RALPH LESTER FORREST, with Honors
 RONALD EUGENE FOWLER
 RONALD EVERETT GANSCHOW
 ALBERT IRVING GLEASON, with Honors
 JOSEPH GORSIC
 ROBERT EDWARD GREEN
 JOHN EDWARD GREENFIELD
 PETER CRAIG GRIFFIN, with Honors
 PAUL GRIMINGER
 HARRY LEO GULLETT, JR.
 ROBERT FREDERICK HACKER
 DONALD RAY HAERR, with Honors
 DONALD CHARLES HALLBICK
 JOSEPH CHARLES HEADLEY
 DAVID JOHN HEATON
 ROBERT GAIL HELTSLEY, with High Honors
 JOHN BURNETT HEMWALL, with High Honors
 JOSEPH EMMETT HENEBERRY
 MERLYN CARL HEYEN
 ALDEN ROSS HICKMAN, with Honors
 GERALD ALBERT HILL
 WILLIFORD A. HOCKETT
 STANLEY DAVID HONN
 RONALD ZIEGLER HOOD, with High Honors
 WILLIAM ERNEST HOPKINS
 WILLIAM HOUSTON HUGHES, with Honors
 LYNNE HARRIS HULL, II
 GERALD EARL HULSLANDER
 DONALD JAMES HUNTER, with Highest Honors
 RUSSELL EUGENE HURST
 ROBERT FRANK HUSPEN
 ROGER REX ICENOGLE
 JAMES WILLIAM IRVIN
 EDWIN AUGUST JÄENKE
 THOMAS HOWARD JENNINGS, with Honors
 DONALD ELON JOHNSON, with High Honors
 MAURICE EDWIN JOHNSON
 J. BENTON JONES, JR.
 GERALD GENE KEARBY
 WENDELL MAX KIMBROUGH
 DONALD GENE KING, with High Honors
 DONALD JAMES KOEHLER, with High Honors
 ROGER EMIL KRULL
 MAX RAYMOND LANGHAM, with High Honors
 FLOYD NORMAN LANKENAU
 CHARLES NORMAN LARRANCE
 WALTER HAMILTON LLOYD, III
 EUGENE MARTIN MALONE
 JAMES PAUL MARKWELL
 JOHN RICHARD MARSHALL, with Honors
 HENRY LEE MAXWELL, with Honors
 JOHN PETER MCCABE, JR.
 HAROLD RICHARD MCFARLAND
 BERNARD LEO MCKEAN
 HARLAND C. MCLAUGHLIN, JR.
 EUGENE WILLIAM MERKLE
 RONALD SOLLIS MOORE
 DEANE ARLEN MOREY, with Honors
 RALPH CLIFFORD MORGAN
 JAMES LEWIS NORMAN
 JOHN DUANE ORCUTT
 BENJAMIN WILLIAM PUGSLEY
 VERNON HARRY RASCHER, with Honors
 JOSEPH DANIEL REEDY
 RICHARD CLAIR REYNOLDS
 LOUIS CARL RIEKER, JR.
 EDWARD ROUX
 CHARLES EDWARD RUEB
 HARLAN LAVERNE SAILOR
 ROBERT EUGENE SATTLER
 ALVIN WALTER SCHADE
 CARL WILSON SCHMIEDESKAMP
 LESTER DAVID SCHROLL, with Honors
 JAMES VICTOR SCOTT, with Honors
 BURTON LEE SHANN
 DON EARL SIMMEN
 NORMAN LEE SLACK
 JAMES BERNARD SNAVLEY
 DAVID CLARENCE SNETSINGER
 MAX EDWARD SPARKS, with Highest Honors
 QUENTIN V. SPARKS
 JERRY ALBERT SPRINGER
 EDWARD ARTHUR STAHLY, with Honors
 DURWARD SIGMUND STANISLAWSKY
 DONALD KEARN SURGEON
 DALE LEON SUTTER
 ROBERT LEE SVEHLA
 MERLE DEAN SWAIN
 DONALD PAUL SWANLUND
 ROGER LEE SWANLUND, with Honors
 HAROLD WILLIAM SWART, with Honors
 LEWIS LEAVELL SWINK
 CHARLES GEORGE TOMM
 PETER JEROME TREPANIER

ROBERT WILLIAM UHLIR
 CHARLES VAVRUS, with Highest Honors
 HOMER CLIFFORD VICKROY
 DONALD EUGENE WALKER, with Highest Honors
 RICHARD DOUGLAS WELLER
 WILLIAM HOWARD WESTERN
 HARRY CHARLES WHITE

ELMER DEAN WILCOX, with Honors
 DONALD ROBERT WILKEN
 WALTER EDWIN WITTORFF
 GEORGE JOSEPH WRIGHT, with Honors
 JOHN FRANCIS WRIGHT
 RICHARD CHARLES YAKEL
 RICHARD JOSEPH YERO

In Dairy Technology

JAMES HUNTER BENDER
 LEROY BRANDSMA
 ROBERT RAYMOND GROSSNER
 LINCOLN ARTHUR HERREID

ALBERT JUNIOR KOLTVEIT, with Honors
 THOMAS ORVILLE MENEES, JR.
 DANIEL KRAUSE SHEPARD, with Honors
 HAROLD KEITH WILSON

In Floriculture

REYNOLD REITZ ALDE
 MARILYN EDITH BRISCHKE, with Honors
 ROBERT EDWARD DAVIS
 RALPH EVERETT DODD

JACK LOMONACO
 DONALD DAVIS McLAIN, JR.
 RAY ROBERT WILKE
 ROBERT CLAUDE YOUNGBLOOD

In Food Technology

ROBERT MARTIN EGGLESTON
 CARLYLE DEAN READ

NORMAN EMIL SCHMITT

In Home Economics

MARILYN JARVIS BAKER, with Highest Honors
 FLORENCE ELAINE BEEBE, with Honors
 GRACE ELIZABETH BEHRINGER
 MARIANNE BENSON
 JOAN BODENMANN
 MARY JOY BRICK
 MARIANA LOU BYERLY, with High Honors
 YVETTE SUSAN COOPER
 SHIRLEY MAE COTTRELL
 RENEE LOREE DODERLEIN
 NANCY ANN EVERINGHAM
 JO ANN COLLEEN FOLKS
 CHARLOTTE CLAIRE GERBER
 NORMA JEAN HANELL, with Honors
 BARBARA ANN HERRMANN
 MARY CORTHELL HOADLEY
 HELEN LIND HOBSON
 ELEANOR WHITE HULBERT
 BARBARA LOUISE HULL
 MARY JANE JINKINS

EVELYN DEANE JOHNSON
 ELAINE AGNES JOSEPHSON
 SARAH JOANN LINDSAY
 JORETTA ANN MARCHELLO
 MARILYN ANN MARTELL
 CHLODENE AMELIA MIKETTA
 MARILYN TROTTER MOORE
 AUDREY ANN NEUMANN
 JULIA OHNYSTY
 CAROL NAOMI PELLY, with Honors
 LORA LEE PLAYER
 CYNTHIA FRANCES RALSTON, with Honors
 DOROTHY MAE SCHRADER
 MARILYN SCHUELER, with Honors
 LOIS MAE SERGEANT
 MARY CATHERINE SINCLAIR
 BARBARA ANNE THIEBAUD
 JUDITH ESTHER TOUBES
 ALICE MARION TUMA
 SHARON JEAN VALENTINE

In Home Economics Education

PHYLLIS JEAN BLUE
 BARBARA ANN BUCHHOLZ
 MARJORIE JOAN DOEHRING
 JUSTINE KAY EBERT, with Highest Honors
 ELEANOR EKLUND HAAS, with Honors
 NAOMI RUTH HARNER, with High Honors
 WILMA WYNETTE HOLLISTER, with Highest Honors

ELIZABETH LOUISE KAPRAUN
 MILDRED ANN KORNEGGER, with Highest Honors
 SARA MARGARET LEWIS
 PHYLLIS LEE MACDOUGALL, with Highest Honors
 MARY SUSAN MANN
 RUBY CAROLYN MARSH
 CHARLOTTE ELIZABETH ORCUTT
 PHYLLIS JOAN SCOTT

RUTH LILLIAN SMOOT, with Honors
LORNA VENDETTA SPRINGER, with
Honors
ELVIA LOUISE TARBLE
PRISCILLA JANE UEBERRHEIN, with
Honors

EMMA KATHRYN WALDSCHMIDT, with
High Honors
CATHERINE JOSEPHINE WILBER

In Restaurant Management

THOMAS ATTERBURY ALLEN
WILLIAM CURTIS HEDGES

JOSEPH BUREL HUDDLESTON

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

LOREN HAROLD ANDERSON
LOWELL BENJAMIN ELDRENKAMP
WILLIAM DEAN GREENFIELD, with High
Honors
JOSEPH EDWIN GROSS
FRED CHARLES HALL, with High
Honors

ROBERT HUGH JOHNSON
CORLISS ULRIC LAISURE
GILBERT RUDOLPH LANGE
RICHARD PAUL LUCAS
JEROME EDWARD QUIST
ROBERT OTTO RADA
DONALD ARTHUR YALE, with Honors

In Agricultural Engineering

FORREST EUGENE DRYER
JAMES ARTER GARMAN
DAVID MARTIN HARRIS, with High
Honors
LOUIS JOHN HARVATIN
JOHN ROBERT HUBER, with High
Honors

DAVID CORNELL RALSTON
HAROLD ALAN RALSTON
NORMAN LEE SLACK
PETER JEROME TREPANIER

In Ceramic Engineering

JAMES ANDERSON CARLEY
RICHARD LESLIE COMER
MARLYN LEE HANSON
FRANCIS JOSEPH HOERRMANN
EDWARD PAUL KARLOVSKY
DONALD EDWARD KRAFT, with High
Honors

TERENCE PATRICK NEALON
JOHN SCHULTZ, Jr., with Honors
JOHN DEAN SITZLER
WILLIAM KEITH SODERSTRUM
DONALD BLAINE TOLLY

In Civil Engineering

SADIK KEMAL AKSEL
WILLIAM DONALD ARENBERG
CHARLES NEWTON BAINBRIDGE
LOUIS BAUCHER, Jr.
CARROLL JAMES BERNHARDT
WILLIAM LAVERNE BOST, with Honors
ALLAN LEE CARPENTER
ALAN LOUIS CHASE
HENRI EUGENE COWGER, with High
Honors
ROBERT B. DELLERT
LAWRENCE EDWIN DEUSCH
RICHARD GENE ELLIS
JAMES ALBERT ERIKSON
ELMER THEODORE ERNST
THEODORE ESSER
CLARENCE JOSEPH FLEMING
WALTER JOHN FURMAN
ROBERT JOSEPH GALLENBACH
DAVID MARSHALL GEARY

HOWARD OLIVER GILBERTSEN
PAUL GORDON
ERIC ARTHUR GRAEPP
JOHN ANTHONY GRUBENSKY
JACOB HAYYA
DALE JOSEPH HENRY
LAWRENCE DAVID HUMBARD
ROBERT JOSEPH HUNTER
EDWARD LYLE HUSTON
JOHN ROBERT JOMBOCK, with Honors
WALTER JOVOVICH
ALFONSAS JUODIKIS
ARTHUR MICHAEL KAINDL, Jr.
EMORY LELAND KEMP, Jr., with High
Honors
DAVID J. KINCAID, Jr.
THOMAS FRANCIS LEAHEY, with High
Honors
WILLIAM RUDOLPH LOIKETS
JOHN LOWELL LOWER

JOHN M. MARINOPOULOS
 THOMAS PETERS MCCORMICK
 KENNETH GORDON MEDEARIS
 WILLIAM EDWARD MYERS
 FRANK JOSEPH RICE, JR.
 DANIEL GATTON RINCK
 HARRY MORRIS ROBERTS
 RICHARD EMIL SKOGSBERG

JERRY ANNALDO STEDING
 RAYMOND STEFANKO
 ALBERT REED STEPHENSON
 ALFRED JOSEPH TARABORI, with Honors
 ALFREDO DEVERA VERGARA, with High Honors
 THEODORE VIRGILIO, JR.

In Electrical Engineering

CARL BRUCE BARNES
 JOHN WILLIAM BECKEL
 THOMAS EARL BELING
 JOHN NELSON BUTERBAUGH
 JOHN HARRISON CAGE
 KENNETH LOUIS CARLSON
 GEORGE ROBERT DAVIS
 ALFRED HEDLEY DONAHOE, with Honors
 EDGAR JUNIOR DUNN
 WILLIAM SHERIDAN ECKESS, JR.
 SHERMAN HERBERT FABIAN
 DONALD BURTON FALK
 AGOSTINHO PEREIRA FERREIRA
 JAMES PATRICK MARTIN GAUGHAN
 OLEG GOLUBJATNIKOV
 JOSEPH FONG SEN GOO
 NORMAN GRANDOS
 EDWARD JAMES HAUGE
 MILTON HERBERT HIEKEN
 WILLIAM ALBERT HIRSCH, III
 HOMER RICHARD HOVING
 RUDOLPH CHIA-CHAO HWA, with High Honors
 JOSEPH GEORGE JABLONSKY
 FREDRIC KAHN
 FRANK STANLEY KASPER, with Honors
 EDWARD EUGENE KININGHAM
 RAYMOND GORDON KNAUSS
 HENRY VIRGIL KRONE
 CHARLES JOSEPH KUKURA
 ROBERT WILSON LASHER
 FRANK PAUL LEWANDOWSKI

HAROLD VERNON LIND
 FRANK ALBERT LITZ, with Honors
 RICHARD ALDEN MCCLURE
 LAWRENCE MICHELS
 GEORGE LESLIE NUSS, JR.
 JAMES ARTHUR PARENT
 EDWARD JOHN PROCHASKA
 JOHN THOMAS QUEALY, with High Honors
 RAYMOND KARL REUSCH
 WILLIAM JAMES RICHRATH
 ARTHUR LOUIS ROSENSTEIN
 ELWOOD RAE SCHMIDT, with Honors
 WILBUR EMIL MEDDY SCHMIDT, with Honors
 ROBERT FRANCIS SCHUNNEMAN, with Honors
 JOHN FRANCIS SHRAGAL
 WILLIAM COULBOURN SMITH
 BENJAMIN LONDON STAHLHEBER
 EARL EDWARD STEGEN
 ARTHUR DANIEL STOESSER
 EUGENE STONER, with Honors
 RICHARD LEE STORER
 RICHARD LEE SYDNOR, with Honors
 PHILIP KENTON TRIMBLE, with Honors
 RICHARD LEE UHRIG
 LEO MICHAEL WALCH, JR.
 RICHARD ANTHONY WINSAUER
 ADOLPH JOSEPH WOLSKI
 SIANG-WEN JOSEPH YANG

In Engineering Physics

SHELDON FRANCIS BEST, with Honors
 BRUCE MARRS BROWN, with Honors
 SAMUEL DZIK
 JAMES THOMAS EPHGRAVE
 ROBERT HYATT FISHER
 FRANK JOHN FISHMAN, JR., with High Honors
 RICHARD C. GROLIA
 JOHN EDWARD HINDE

DONALD HERBERT JANNEY, with High Honors
 CHARLES EDWARD KASSEL, JR.
 ROLF EUGENE LINDQUIST
 MICHAEL FRANCIS MILLEA
 AUGUST OMER QUENON, JR.
 PAUL NORMAN SHOLTZ
 MILTON WILLIAM VALENTA
 RICHARD CHARLES WIKQUIST

In General Engineering

GEORGE JOHN BARTUSEK
 GERALD ERWIN BRAUN
 GERALD DEWAYNE GIFFIN
 HARRY EDWARD HAWKINS
 FREDERICK RALPH HOUSER

ROBERT STEPHENS MACKENZIE, JR.
 GERALD MEREDITH MAGEE, JR.
 RONALD EDWARD MATHIS
 ARTHUR ERNEST MOLZAN
 MARTIN NORMAN NOLING

In Mechanical Engineering

PETER ANTHONY ABITANTE	FREDERICK MOY HUGH
JOHN ROBERT ALLES, with High Honors	EMIL GEORGE KADLEC
GERALD EDWIN ANDERSON	WALLACE GORDON KARRAKER
DONALD ROBERT BAHNFLETH, with High Honors	EARL ROBERT LANE
HAROLD CHARLES BEHRENS	NORMAN CARL LANGE
RICHARD BENJAMIN BLASKI	FRED EDMUND LARSON
RALPH ORVILLE BRUNT	HAROLD HICKMAN LAWS, JR.
BILLY STEWART CAMPBELL	DAVID FORREST LEMONS, with Honors
JAMES ERNEST CAMPBELL	RONALD EDWARD LUNDBERG
GEORGE COURTNEY CHAPMAN	JAMES PATRICK LYONS
ROBERT LOUIS CRAMER, with High Honors	THEODORE MUELLER
RODNEY CRAWFORD	ROBERT RICHARD NAUHEIMER
CHARLES CUMBY, JR.	ROBERT ARTHUR NELSON
CLYDE FRANCIS CZERNEK	JAMES MONTAGUE NOLAN
DAVID LYNN DAY	DAVID WILLIAM O'HALLERAN
RICHARD CARL DEUTSCH	HERBERT GORDON OLSON
HARRY DYCKMAN DREGER	ROBERT THOMAS REINSCH
ROBERT EARL DREW	ROBERT MARTIN SHEFFER
RICHARD PAUL ECKLUND	THEODORE EARL SLADEK
GUSTAV JAMES FEHLHABER, with High Honors	DONALD KENT SLANEY
LEONARD EUGENE FERGUSON	EARL SMITH
GEORGE THOMAS FIALA	RONALD LEROY SMOOT
WILLIAM COLUMBUS FLANAGAN	DONALD VICTOR STENGER
EDWARD FOSTER FORT, with High Honors	BRUCE WALKER STOWE
JAMES ARTER GARMAN	EDWARD FRANK SVOBODA, JR.
ROBERT DOBSON GRAHAM	DAVID T. TAKADA
SALVATORE JOSEPH GRASSADONIA	WILLIAM HARVEY THOMPSON
SADIK HASAN HABIB	HSUEH CHENG TONG
IRVING HARRY HALLBERG	JEWELL WILLIAM TRYON
PAUL MARK HASSLER	DAVID WILBUR VIAL
RALPH ROBERT HERRICK, with Honors	RALPH OLIN VIRENE
BERNARD WILLIAM HILTON, JR.	JOHN ALBERT VOGT
RICHARD CARL HOLMBERG, with Honors	CHARLES HENRY WADE, with High Honors
JAMES ALBERT HORN	NORBERT ALBERT VALENT
JOHN STEPHEN HORSLEY	MILLAGE MILLER WHITE, with Honors
CHARLES RICHARD HUDSON, with Honors	JOHN ROY WILHELM
	JAMES WILLIAM WILKINS
	JAMES CARUTHERS WILLIAMSON
	PHILIP EUGENE WOOD

In Metallurgical Engineering

RICHARD DICK BENNETT	VITO VINCENT MITKUS
JOSEPH BORRINO	BURTON E. SCHANER
JAMES RICHARD KERR	PAUL GRIFFITH SHEWMON, with High Honors
ROY STANLEY LADLEY	ALVIN DAVID SHULMAN
RICHARD JOHNSTON MCCLINTICK, with High Honors	JAMES TRAVIS STANLEY, with Honors
SHERWOOD WILLIAMS MCGEE	ROBERT EUGENE THOMAS
JOSEPH MELILL	PAUL FRANCIS ZIEGLER

In Mining Engineering

LEONARD LEON FELTS	JORGE LUIS QUIROS
PAUL RAYMOND PENROD	DONALD EDWARD SCHECK
ROBERT LEE POUNDS	

In Sanitary Engineering

GEORGE FREDRICK HECK, JR.	HUGH GLEN ROSE
JOHN IRWIN THOMAS MOLONEY	

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

PRISCILLA ROSE ALDEN, with Highest Honors in French	ERWIN JOHN DORR, JR.
ROBERT ANDREW ALEXANDER	STANLEY EUGENE DOWNS
ANNE VERONICA ANDERSON	SHIRLEY MAE DREUTH, with High Honors in Speech
BARBARA JOYCE ANDERSON	DOROTHY MARILYN DREWES, with High Honors in French
MILDRED EILEEN ANDERSON	DAVID ARTHUR DUERWACHTER
RICHARD DAVIS ANDERSON	PETER JOSEPH DUNN
FRANK WILLIAM APPLEBY	DORIS WATSON EASTMAN
JOYCE HELEN ARMSTRONG	JOHN BONAR EASTMAN
RUSSELL NORMAN BABCOCK	GENEVE MARJORIE EDWARDS
MARINA MAE BADGETT	OSCAR MICHAEL EHRENBURG
ALLAN J. BAGLEY	RAYMOND DONALD EIRICH
MARY EVELYN BANE	STANLEY LAWRENCE ELKIN, with Honors in English
FRANCIS EARLE BARCUS	RAYMOND FREDRICK ENDRESS
JEANNE MARIE BARKER	THOMAS EUGENE ENGLAND
KEITH DAVIES BAUMANN	ANN ERWOOD
MARTHA HANNAM BELL, with High Honors in Botany	ELLEN LOUISE FALES
NUEL DINSMORE BELNAP, Jr., with Honors in Philosophy	MARY A. FALETTI
ROBERT BRUCE BENNORTH	ADAH ADAIR FELIX
MARY JOSEPHINE KOONS BERGER	JOANNE O'KELLY FERGUSON, with Highest Honors in English
ROYAL RAMON BERNIER	WILLIAM EVANS FIFE
CONRAD ARTHUR BETON	IRVING SIDNEY FISHMAN, with Highest Honors in Political Science
DANIEL JOHN BOBBITT, with High Honors in Sociology	ROBERT LEROY FOSTER
ALBERT JOSEPH BONA	RICHARD OSMER FOX
VERA MADSEN BORRINO	NANCY ANN FRICKE
MORTON JAY BRAVERMAN	ROBERT WILLIAM FUELLEMAN, with Honors in Sociology
NORMA JEANNE BROWN	JEANNE ANNE FULLER
JOYCE EDRIS BRUNNEMEYER	JOHN THOMAS GARRITY
KENNETH GREGORY BUGAN	WILLIAM MANFRED GARTMAN, with Highest Honors in German
LAWRENCE JOSEPH BUTKUS	JOAN EVELYN GOHDE
WILLIAM FRANCIS BUTLER	CHARLES REMINGTON GOLDMAN
CAROL CHALFONT CALDWELL	DAVID LLOYD GRAY
CORNELIA LEE CANNON	MYRON GREENMAN
HELEN LOUISE CARTER	SALVATORE JOSEPH GUALTIERI
CHARLES RILEY CARY	RONALD DEAN GUNN
ROBERT JOHN CASPER	JUDITH LU HAECK
ROBERT EDWARD CERNY	WILLIAM FRANKLIN HANKS
DEAN EUGENE CLABAUGH, with High Honors in Political Science	ERNEST WILLIAM HAUSER, with High Honors in Psychology
BARBARA JEAN COFFEEN	JOYCE HEATH, with Honors in Spanish
STANLEY EDWIN COHEN, with Honors in Political Science	ROMUALD LUCIAN HEJNA
LEE COLOMBIK	MARILYN ANN HELM, with Highest Honors in History
CLYDE SHERMAN CONGDON, with High Honors in Psychology	FRED AUGUST HELMHOLZ
JOEL CORD, with Honors in Economics	BARBARA BOLL HERNDON
EMORY WAYNE COWAN	MARTIN JOHN HERZOG
ROBERT COX CRAIG	SYDNEY SUE HILL
MARY LOUISE CRAMBLETT, with Highest Honors in English	WALTER THEODORE HOLST
CAROL CORINNE CROUCH	NATALIE HOROWITZ
CLAYTON FORREST DAUGHERTY	BESSYE LOUISE HOUT, with High Honors in History
NANCY LORRAINE DEGNER	MARGARET LOUISE JACKSON
JAMES BALL DICKSON	
JO ANN DOLLEY	

- DAVID LOUIS JOEL, with High Honors
in English
- BARBARA KING JOHNSON
PATRICIA BARTLETT JOHNSON
ROGER OWEN JOHNSON
RONALD CONANT JOHNSON
ISOLA NELSON JOHNSTON
JOANN DAYTON JONES
WALTER JUSZCZYK
SHERWOOD BENTON KAINS
VERA TIHANOVNA KANAREFF, with
High Honors in Psychology
- KIRK MILTON KANDLE
MAMIE ELIZABETH KIMBROUGH, with
Honors in Sociology
- RICHARD FREDRICK KOCH, JR.
IRENE MARY KOCHNUK
BARBARA JEAN KOZEL
KATHLEEN CAMPBELL LADLEY
RICHARD ROSS LANE
LESLIE LASZLO
ROBERT CAROL LAUCHNER, with Highest
Honors in Political Science
- WILLIAM HODGE LAYER
BETTY H. LEVEEN, with Honors in
Sociology
- ELLIS SHERWIN LEVINE
GAIL WARD LEWIS
CHUI-HSUN LIU, with Highest Honors
in Political Science
- THOMAS JOSEPH LOGUE
BARBARA ANN THERESA LUND
JOAN TRACY MACDONALD
JAMES EDWARD MACKIN
EARLE ARVEY MALKIN
THOMAS REID MALONEY
BILLIE JOANNE MANNHARDT
BARBARA MARIMON
ROBIN LEROY MARKHAM
MARY JOAN MATHES, with Highest
Honors in Economics
- JEAN MCKAY
PATRICIA ANN MICHELMAN
JEAN MIDDLEMAS, with High Honors
in English
- ALAN GERSHAN MILLER, with High
Honors in History
- RICHARD KEITH MINOR, with Honors
in Political Science
- JOSEPH LAURENCE MOHAN
EDGAR ALLAN MOSER
ALFRED EDWARD MOSSNER
JOHN RAYMOND MULLIGAN
JAMES ALLEN MUMM
JAMES ARNOL NEWMAN
JOHN NIEMINSKI, with High Honors
in History
- LESLIE NIXON
WILLIAM STEVEN NOONAN
BEVERLY JOAN NORRIS
STEPHEN JOSEPH O'FLAHERTY
EDWARD TOSHINOBU OKUBO, with
High Honors in Political Science
- MARY LOUISE OMAN
MARCIA JEAN ONEAL
GRETA NADYNE ORR
MARJORIE RANDOL OSBORN
FRANCES MARGARET PAUKSTA
MARTHA ELIZABETH PENWELL
ALAN JOSEPH PESHKIN, with Honors
in International Affairs
- IRENE AMELIA PETERS
JEAN SULLIVAN PETERSON
BARBARA ALICE PIERSON
MARSHALL DAVID PINES
NANCY BARBARA GREENBERG PLOTKIN
NATHAN PLOTKIN
FELICIA BIESZCZAD POZATEK
ROBERT CARL POTTER
HARVEY JOSEPH POWERS
JAMES WARD PRINGLE, with High
Honors in History
- HAZEL SHEPHERD PURNELL
JOSEPHINE ABBOTT RANDOLPH
PAUL EDWIN RANSDELL
ROBERT WILLIAM ROGERS
JAMES RAYBURN RUSSELL
PEGGY JOAN RUST
CHARLES EDWARD RUTH
WALTER FRANCIS SABLACK
SHIRLEY ANNE SANDERS
ROBERT LEROY SANDS, with High
Honors in Political Science
- ROBERT EDWARD SANNER
GWEN JEAN SATTERLEE
MARY LOU SCHAEFLEIN
CARYL FRANCES SCHAUMBERGER
SUZANNE LOUISE SCHMIDT
ALAN SCHOEN
BARBARA JEAN SCOTT
LLOYD MORTON SCOTT
ELIZABETH LORRAINE SHAVER
RICHARD JAMES SICHROVSKY
IRA DAVID SIMON
DONALD ORION SKILES
SHIRLEY JEANNINE SMITH
ALAN LAWRENCE SOFFIN, with Honors
in English
- PETER YUTAKA SOWA
MARJORIE ELAINE SPAFFORD
DONALD DAVID SPARK
DONALD FREDERICK SPILLE
VERNON E. STAHLBERG
DOROTHY YVONNE STINE
VIRGINIA ROSE SULLIVAN
CARL EUGENE SWENSON
MARABETH RUCH TAPLIN
NANCY JULIA TEGGER, with High
Honors in Political Science
- JAMES JOSEPH THOMAS
MARIE RIZZOL TINER
TOMAS ARMANN TOMASSON
JOHN CARLIN TOMME, JR., with
Honors in English
- ALFRED WITNEY TRAVERS
DONALD LEROY TROEMEL

PEGGY L. TURNER
 HENRY LAWRENCE UHLENHOP, JR.
 ROBERT JAY ULBERG, with Honors in
 History
 ROBERT EMIL ULBRICHT
 ANN LICHTENWALTER UNDERHILL
 ELINOR ANN USHER
 CECILLE WARSCHAW
 BRUCE ROBERT WELLEK, with Honors
 in English
 BARBARA JEAN WEST
 JULIA LOUISE WIECK
 KENNETH EARL WILK

MARION JANE WILLIS
 DONALD KENNETH WILSON
 MARGARET JANE WILSON
 RICHARD HAROLD WILSON
 PHYLLIS LOUISE WINKLEBLACK
 KATHERINE THERESE WOLCOTT, with
 Honors in Spanish
 DONALD MCCREERY WOLFE
 BENJAMIN EDWARD WOLFF
 CLIFFORD GILBERT WOOD, Jr., with
 High Honors in English
 NANCY YURIS
 JUDITH ELLEN ZVEROW

In the Teaching of English

JO ANNE BRUBAKER
 JEANNE FRANCES CLAEYS
 LOUISE AMELIA GOOLD, with High
 Honors
 MARILYN PAULINE HACKMAN
 JOANNE HINDMARSH
 MARGARET FRYE HOLWICK
 EVELYN ANN KASPERSKI
 MARGARET PFLAUM LARSON, with High
 Honors
 SUSAN ANN LOVING
 GENE EDISON LYNN, with High Honors

GRACE DARLING MAXWELL
 MARJORIE ANNE MILLER
 SHIRLEY DELORIS NELSON
 DONALD ROBERTS PENNINGTON
 CARMEN POLLACK
 ALICE J. PUSHIAN
 MARY CATHERINE RILEY, with Highest
 Honors
 EDWARD JOSEPH SMAGACZ
 RALPH FREDERICK SOELZER
 CYNTHIA ODESSA SUPPLES
 JOHN JOSEPH VIZGIRDAS

In the Teaching of French

BARBARA RUTH BALDUS
 RALPH IRVIN JOHNSON
 PHYLLIS JOAN MONSON

MABEL ANN PARKER
 RITA KATHERINE ROBBINS

In the Teaching of German

ELLEN MARION SALOMON

In the Teaching of Social Studies

EUGENE DONALD ANDERSON
 ANDREW THOMAS BAIER, with Honors
 MARJORIE MAE CLEVEN, with Honors
 NANCY RAE COFFLER
 GLORIA EILEEN CONWAY
 JEAN MARILYN HANSON
 GEOFFREY LEE HAWES
 MARY ANN HOLDOWAY
 ROBERT LEROY HUNDT
 JUSTIN LOUIS KESTENBAUM, with
 Highest Honors
 HARRY CLINTON LAWTON
 JANET ANNE LECUYER
 PATRICIA JULE MARKS

ELDON CLYDE MCKIE, with Highest
 Honors
 WILLIAM C. MILLER
 LUCY JANE MOSS
 JAMES BRUCE NEIGHBOR, with High
 Honors
 ROSE MARIE NANCY NYGREN
 LOUIS MICHAEL SAAB
 VIRGINIA MAE SCHNECK
 HAROLD DEAN SMITH, with High
 Honors
 LYSANDER JAMES THOMPSON, with High
 Honors
 JOSEPH FRED ZACEK, with Highest
 Honors

In the Teaching of Spanish

VERA LEE ALDERSON, with High Honors
 KATHRYN ANN BEAN
 PHILIP HARRY BRUNO
 DOLORES MELVA CAMPEN
 JAMES LEO JACOBS, with Honors
 MARY ANNE LEE
 BETTY JEAN LESLIE

EMELDA EMMELINE LITTLETON, with
 High Honors
 VINCENT LEO LOMBARDO
 DIANE DAVIS MALLARY
 ROBERT EDWARD REXER, with Highest
 Honors
 ALICE MODELLE WORNER

In the Teaching of Speech

JOANN RUTH FRIEDE
JOAN CHRISTINE GANCZEWSKI, with
Highest Honors

LEONA LORETTA SARTON
SHEILA RUBIN WOLINSKY

Degree of Bachelor of Science*In Chemical Engineering*

JAMES ALFRED ANDERSEN, JR.
NORBERT PIUS BARR, with Honors
EDWARD DVORSKY, JR.
JEROLD GUON
WILLIAM RICHARD GUROLNICK
JAMES EDWARD JOHNSON
ROGER SAMUEL LEISER, with Highest
Honors
MEYNARD DANNY LEVIN
JOHN RICHARD MILLER
STEPHEN JOSEPH O'FLAHERTY
PAUL EUGENE PARISOT, with Highest
Honors
ROBERT JOHN PIKAAR

CLIFFORD EUGENE POCKOCK, with Highest
Honors
THEODORE MITCHELL RYMARZ
NORMAN BRUCE SACKRISON
ARTHUR ERIC SCHOEPPER
ROBERT HENRY SCHWAAR, with Highest
Honors
NORMAN BLAIN SMITH
RALPH STANLEY SWINGHOLM, with
High Honors
KENNETH DONALD WALTER
PERRY TOBIN WARD
WILLIAM ARTHUR WARSHAW
FREDRICK ROBERT WINTER, with
Highest Honors

In Chemistry

JACK ROGER ANDERSON, with Honors
WILLIAM DONALD ANDERSON, with
Honors
LAWRENCE RAY BLUE
CHARLES ROBERT BUNTING
WILLIAM JOHN CHAMBERS
WILLIAM CLARE CHAMPION
JAMES LEWIS COPELAND
PAUL LEROY CREGER, with Honors
CHARLES W. CREMER
BETTY ANN DENK
CLIFFORD LEE DICKINSON, with High
Honors
DONAVON LEE FAVRE
STEVEN JOSEPH FITCH
IRENE MARIE FOX
GIDEON FRAENKEL, with High Honors
DALE RICHARD HOFF, with Highest
Honors
CONSTANCE JOAN HOFFMAN

KATHERINE LOUISE JUNNILA, with
High Honors
ROSE TSE-CHING KAO
DEAN FRANCIS KEELEY, with Highest
Honors
JOSEPH JOHN LAGOWSKI, with
Honors
IVAR LAOS
ANDREW DAVID LIEHR, with Highest
Honors
ABRAHAM ERNEST MARTIN
EDWARD NORVEL MILLS
JOHN GEORGE NIKELLY, with Honors
MARGARET CASEY OVERHAUSER
JOAN LORRAINE SCHINDLER
ROBERT ALVIN SCHREIBER
MASAO SHOHO
RICHARD A. SIMONAITIS
JOSEPH WOLINSKY
HARRIET HELEN ZIMMERMAN, with
High Honors

In Liberal Arts and Sciences

DONALD LESTER ABELS
JACK ABRAMS, with Honors in
Mathematics
DOROTHY ELIZABETH ACUFF
HOWARD PHILIP AIDEM
HENRYK ALTSCHULLER
DAVID CARVER ANDERSON
MARVIN ANTMAN
HERBERT ATANUS
MAX JOSEPH AUBUCHON
GLENN CHARLES BAILEY
JOAN MARY BERGERON
BERNARD MILTON BERNSTEIN
DONALD ALOYSIUS BEYERSDORF

LOIS JOANNE BINDER, with Honors in
Mathematics
OWEN HENRY BLOODGOOD
BARBARA JOAN BOGAARD
DONNA MAE BONAR
ENID ORESA BOOTHE
ROBERT HARDING BROUGH
NORMA JEANNE BUDDENBAUM
MILTON RICHARD CANFIELD
BASIL JOSEPH CASCIO
JOHN THOMAS CIZEK, JR.
BARBARA JEAN COFFEE
SUZANN MIRIAM COHEN, with Honors
in Bacteriology

- TYLER EUGENE COOMER
 DOROTHY BARBARA COOPER, with
 Honors in Bacteriology
 VIOLET LILLIAN DARCHUN
 RICHARD LEE DEJARLD
 CHARLES RICHARD DELLENBACK
 ROBERT WALTER DEOBLER, with Honors
 in Psychology
 RICHARD ANTON DIENER
 MERLE DOBRY
 ROY MARTIN DOOLEY
 VINCENT THOMAS D'ORAZIO
 PHILIP JAMES DOUGHERTY, with High
 Honors in Chemistry
 OLIVER EDUARD DRUMMOND
 JAMES ERWIN DUNN
 JUDSON HUGH EDIDIN
 ANNA EWANKOW
 DONALD RAYMOND EYTCHESON, with
 High Honors in Physiology
 PETER JOSEPH FARRELLY
 LUAN FELTS
 JOAN FIGLEWSKI
 ALBERT WILLIAM FRIEDMAN
 GEORGE THEODORE FRIES
 DAWSON WILLIAM GILLASPY
 EDWARD JAMES GLENWRIGHT
 ROBERT LEE GLOSSOP
 BERT FRED GOLDEN
 HYMAN GOLDMAN, with Honors in
 Psychology
 ARTHUR GOLDRICH
 RICHARD WILLIAM GORDON
 GERALD ALLEN GOULD
 JEAN BELL GRABITZ
 EDWIN GREENBLATT
 ROBERT WAYNE GROAH
 JOSEPH PAUL GRZYBEK
 BARBARA ANN GUY
 EDMUND RICHARD HARNEDY
 CHARLOTTE BAKER HARRIS, with
 High Honors in Mathematics
 HARVEY HART
 JOHN ROBERT HARTMAN
 HAROLD KENNETH HARTUNG, with
 Honors in Psychology
 PATRICIA JOANNE HAZLETON
 ELSIE FRANCES HEENAN
 YALE HIMELBLOOM
 ROBERT MELVIN HOFFMAN
 JOHN SCOTT HOLLADAY, JR.
 HERBERT ARNOLD HOOVER
 DONALD FRED HUELKE
 MARIANNA JACKSON, with Honors in
 Bacteriology
 DONALD ROBERT JESCHKE, with Honors
 in Psychology
 F. HAROLD JOHNSON
 MARGUERITE COHEN JOHNSON, with
 Highest Honors in Bacteriology
 LELA MAE JOHNSTON
 JOAN EDITH JONES
- VIVIENNE JUCO
 CHIZUKO KAKITA
 EVA RENATE KALISH
 JOHN WILLIAM KAMINSKI
 MILES FRANK KASPARIK
 BURNELL ELAINE KEINE
 KEITH ALAN KELLY
 ROSE MIDORI KIMURA
 JAMES EDWARD KNOTT
 ALVIN KORACH
 RICHARD LAWRENCE KOSMALA
 PAUL KRICHEVSKY
 ROBERT HERMAN KRUEGER
 RALPH WILLIAM KUEHNE
 DAN KUMARICH
 ROSEMARY LAKOWSKI
 ROBERT LOWELL LANE
 RALPH RICHARD LAYMAN, JR.
 CLARENCE CHRIS LEVERENZ
 ARTHUR LIBANOFF
 VIVIAN CHARLOTTE LIPMAN
 RONALD CLEMENT MACHEN
 EDWARD MAIBENCO
 OWEN MALLER
 KARL LOUIS MARKS
 WILBUR JAMES MARSHALL, JR.
 DICK J. MAYEWAKI
 NEAL THOMAS MCDYER
 BETSY STEPHAN MCGLONE
 JAMES WILLIAM MCKINZIE
 IRA JAMES MEHLMAN, with Highest
 Honors in Bacteriology
 THOMAS ARTHUR MEIDINGER
 WILLIAM ROBERT MICHAEL
 GORDON NICHOLAS MILROY
 SHERWIN MIZELL
 JOAN ARDEN MUELLER, with Highest
 Honors in Bacteriology
 HERBERT MINORU NAKATA
 ROBERT JAMES NAST
 SUHAILA SABIH NEJIB
 MARY ELIZABETH NEU
 ELMER NEUHOFF
 TED BERNARD NEWMAN
 DELIA ANN O'NEAL
 PAUL PREBEN ORKILD
 VERA MAE ORSBORN
 LEO WILBURN PARKS, with Honors
 in Bacteriology
 ERNEST FRANK FLECHATY
 LEONARD POMPER
 WILLIAM CARTER PRESCOTT
 HARVEY LEROY PRETULA
 EUGENE JOSEPH PROCHASKA
 LEONIDAS JOHN PROTOPAPAS
 JOHN WILLIAM RAGO
 ROBERT LEACH REYNOLDS
 GEORGE ROGALA-SOBIESZANSKY
 ROBERTA ELAINE ROSE
 CHARLES SYDNEY ROSENARKER
 DONALD WEBER SATTERFIELD
 JERRAL SUMNER SEIBERT

SCOTT GILBERT SHANKS
NORMAN SHAPIRO, with High Honors
in Mathematics

RALPH LELAND SHROYER
DALE VICTOR SHULDES
VELMA JUNE SIEGLE
GERALD WOODROW SMITH
DONALD ALLEN SOSTOCK
ROBERT CHRISTIE SPALDING
JUNE HELEN SPROUL
BYRON CLIFFORD STAFFELD, JR.
WILBUR LLOYD STEVENSON
JEAN ANN STIEGLITZ, with High
Honors in Psychology
WILLIAM GENE STONE
ELDON HAROLD SUND
EDWARD DONALD SUTORIS
AGNES HANNAH SUZUKI

JOSEPH JAMES SYMON, with Honors in
Zoology

JACK PHILLIP TULL
ROBERT GORDON TULL
MORRIS SOLOMON URKOV
DONALD ROBERT VIRZI
GEORGE WALLACE, JR.
GEORGE GARDNER WARD, JR.
ELEANOR KAY WARREN
DAVID EDWARD WAYHAM
WILLIAM MICHAEL WESTFALL
JOSEPH CLIFFORD WILCOX
PAUL FREEMAN WILKINSON
ROBERT LEE ROY WISTORT
LLOYD ALLEN WITTING
BARBARA JEANNE WOLL
TERRELL FRANCIS YEAGER
MARY LEE ZANDER
ROBERT LOUIS ZANG

In Speech Correction

NEDRA RUTH AMERMAN
RUTH ANN BAKER, with Honors
ROSA LEE BERNSTEIN, with Honors
JOAN PIXLEY BRUDER
DONNA KAY THORSELL DESCH
DOROTHY ELIZABETH GEMBERLING, with
Honors
ELIZABETH HOPE IVENS, with High
Honors
CAROL ANN KIRBY, with Honors
JEAN ANASTASIA MCQUAID
DONNA HARRIET MILLER, with Honors

JOHN DOUGLAS NOLL
SUZETTE MARY NORLAND, with Honors
SARAH PLEASANTS, with Highest
Honors
VIRGINIA MARIE POLZIN, with Highest
Honors
PAUL ANTHONY RITTMANIC, with
Honors
JOYCE ANN THURBER
JOYCE SHEILA WEBER
MARIAN MAE WOLFE

In the Teaching of Biological Sciences and General Science

ROY EUGENE CAMERON
JANET DORIS FREEDMAN
MARION DALE HOLLOWAY

NEVILYN YVONNE NELSON
RALPH ASA SCOTT, JR.
RUTH SKOLNICK

In the Teaching of Chemistry

MICHAEL STEVEN URAM, JR.

In the Teaching of Geography

ROBERT JAMES WHEELER

FRANK WILLIAM ZID

In the Teaching of Mathematics

FRED EDWARD CHAPPELEAR, with Honors
OLIVE ANN CONNOLLY, with High
Honors

SHIRLEY ANN DONNEY, with High
Honors

In the Teaching of Mathematics and the Physical Sciences

HARRY AUSTIN GREEN, with Honors

EDWIN RALPH STONE

LIBRARY SCHOOL

Degree of Bachelor of Science

In Library Science

GEORGE THOMAS COUSTON, with Honors
MIGNON FROMAN ESAREY, with Honors
PHILIP WAYNE LINDELL
JOANNA KUNG YING LIU

JEAN AILEEN OLSON, with Honors
JOAN KATHERINE PANTKE, with Honors
LOIS ELMA STEWART, with Honors
TAKEO URATA

COLLEGE OF EDUCATION
Degree of Bachelor of Science

In Education

SHIRLEY ANN ALVERSON	PATRICIA ANN MCNEIL
MARY VIRGINIA AMS	ELAINE MECHALAS
MARJORIE LOU ARDIS	JOYANNE BLOUNT MILLS
BARBARA LOU BARNHART	MARY GERMAINE MONTEL
LAVERNE JOAN BATTAGLIA, with Honors	GERIE LOUISE MORIARTY
RUTH EDNA BLAZE	EVELYN PAULINE MURPHY
CATHERINE HELEN BRAUN	JERRY CAROL NEWELL
CORINNE ANN BROCKMEIER	MARILYN ANN NORTH, with Honors
OPAL SCHOOF BURGNER	JESSICA JOANNE PAVLIK
PATRICIA JULIA CAIN	LOIS GRETCHEN PFAB
MARGARET WILDMAN CAUGHEY	ERNEST LEON PHILLIPS
DONNA JEAN CHRISTIANSEN	PHYLLIS JEANNE PRUST
NARCIZA OPHELIA CONRAD	PHYLLIS JEAN ROBERTS
MARGARET ANNE CONNELLY	BARBARA ANN SCHLEICHERT
MARGARET LOUISE BUES COOK	MARGARET ANN SIMPSON, with Highest Honors
PATRICIA CUNNINGHAM CRUTHIS	EUGENE LESTER SMALL
LOIS SAXENMEYER EBERHARD	LETA JANE SMALL
ROBERT EDWARD ECKELS	LOIS MUELLER SOLEM
GLENDON WADE ELLEDGE	MARGIT JOANNE STROUD, with Honors
IZETTA ROBERTA FANNINGS	HELEN EARLEEN SWANSON
JOANNE CORINNE FOSTER	JOHN WILLIAM TAYLOR, JR.
JOANN BARBARA FRISK	CLARK SHERWIN TOSSY
DELORES OLGA GAYDOS	JEAN ALMIRA AYRES TOWELL
CAROL DIANE GEORGE	DOLLY DELPHINE PRICE TRIMBLE
MARY ANN HALPIN	LOIS O'BRIEN VENZKE
JAMES ARNOLD HEFTER	BARBARA ANN REAGEN WEAVER
MARCELLA MAE JACOBS	SHIRLEY LINDSAY WEISBROD
JOANN PHILLIPS JONES	ELMER THEODORE WESSEL
PHILIP BLAINE KALAR, JR.	PATRICIA LOUISE WIRTH
JACQUOLINE KEESEY	MARIE WYGODSKI
MARILYN HUMPHREY LYKINS	

In the Education of the Deaf

NAOMI FRANCES HUSTON, with High Honors

In the Education of Mentally Handicapped Children

BARBARA MAURINE DICKINSON	MARGUERITE TOBIN
ARLENE GORSCHEN EPSTEIN	ALICE HASTINGS VAN BEEBER
LOIS PEURYE	SHERILYN LEE WHITE
BARBARA MEYER SUBLETTE	ELIZABETH ANN WILLIAMSON

In Elementary Education

ALICE ROBERTA ALLEN	RICHARD RAMIS
DOLORES JEAN ARCHER, with Honors	JANET REMINGTON
BETTY JOAN BRADLEY	MARY VIRGINIA RODE
NANCY RITA BUCHANAN	MARYANN ROTBERG
MARY LOUISE CAMPBELL	LOIS SHIRLEY SAMUELS
MARILYN HELEN GILROY	ELEANOR MARSHALL SCHENCK
DONALD MAX GOFF	CLARISSA JOANNE SCHUYLER
ROBERTA MINNETTE HAY	LEILA BOZARTH SOFFIN
MARY LOUISE HEDGCOCK	HAZEL WALLACE STANISLAWSKY
MARLEY JOY LAZARUS	MARILYN MAE STEIDINGER
EVELYN JEAN LEVIS	BARBARA JEAN STOUT
MARGARET ANN MARKS	JOYCE THORELL SWANLUND
BONNIE RACHEL MASSLICH, with Honors	MARY LOU TRIBE
YVETTE MEISLER	PATRICIA JEAN TURLEY, with Honors
ESTHER CHANEY NELSON	

In Industrial Education

PHILIP PAUL ALONGI
ROBERT EARL ANDERSON
RAYMOND FRANKLIN BEEBE
WILLIAM BOTHO LEHMAN

FERRIS ELMER MCINTOSH
NORMAN FREDERICK MITCHELL, JR.
RICHARD HENRY REICHENBACH
ROBERT WAYNE WAITE

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

DELBERT ALLEN ALEXANDER
JOHN JAMES ARGOUELIS
LEROY AVRAM
RAYMOND EDWARD BAKER
THEODORE BANASZEWSKI, with Honors
ROBERT RAYMOND BAUJAN
WILLIAM BECKER
TOWNSEND EUGENE BLANCHARD
OLIVER LAMAR BREWBAKER
JOHN HARRY BROOKS
CHARLES DONALD CAUGHEY
EUGENE JOSEPH CULBERTSON
HUGH WALLACE CURRIE
ALEXANDER EDWARD DIERKES
ROBERT GENE DOSSETT, with Honors
CAROLYN LOU DUNK
THOMAS PETER FLEMING, JR.
JEAN ELIZABETH FOYER
STANLEY RICHARD FREIREICH
HAROLD WILLIAM FRITZ
RICHARD CHARLES GAINER
RICHARD MARTIN GOLTERMANN
HAROLD LEE GOURLEY
ARTHUR EVERETT GRAY
BIRDIE MAE GREEN
BERTILL ALBERT GUSTAFSON
CHARLES ANDREW HAAG
CHARLES CORNELL HANFORD
WESLEY MICHAEL HARM
HERBERT ALLAN HELLER
MARVIN LOUIS HENKE
JOHN DEAN HOOKER
ALDUAYNE MONROE JOHNSON
HAROLD EUGENE JOHNSON
RONALD F. JONES
BYDUS FRANCIS KAISER, with Honors
RICHARD N. KARRAS
JACK LEE KASE
DONALD VINCENT KELLY, with Honors
THOMAS ANDREW KILLOREN, with Honors
LOUIS EDWARD KRANTZ, JR.
ALFRED KRUMM
JOSEPH ALFONSO KRUPSKI
RICHARD OTTO KUMPF, with Honors

WALTER CASIMIR LANGNER
WILLIAM EDWARD LARKIN, JR.
WALLACE JOHN LARSON, JR.
RONALD ROBERT LEVAR
ALFRED HILLEL LEVINE
MARTIN HERMAN LEVIT
ROBERT BERNARD LIPSCHULTZ
HANS LOEFFLER
LEROY ALFRED MAGNUSON
BEVERLEY JEAN MCARDLE
DON RICHARD MCGRAW
CAROLYN ANN MOORE
HOWARD JOHN MOYE
SHERRIE SHIGEKO NAKAGAWA
OTTO JUNIOR NIEDERBRACH
FRANKLIN JOHN NIENSTEDT, with Honors
ROBERT WALTER OPELT
LEROY WILLIAM PEDERSEN
MYRON MILLARD PENNINGTON
WILLIAM EARL PIERSON, JR.
ROBERT STANLEY PRUSIN
GERSON RUBINSTEIN
ROBERT ANDREW JOSEPH RYBICKI
LARUE ABRAHAM SANASARIAN
GEORGE HUNT SCHNEIDER, with High Honors
JOSEPH JOHN SEGATTA
ALBERT LEROY SENNETT
ROBERT FREDERICK SHERMAN
MARTIN FRANK SIRVATKA
FREDERICK C. SOLAR
CHARLES MARVIN STANGE, with Honors
ROBERT F. STENCEL
BLAINE IRWIN SWARTSWALTER
HOWARD LEE SWIGER
JACK DONALD TEBBENHOFF
LAWRENCE TEPPER
VERA ALICE TOMCIK
HERMAN UDASIN
EDWARD DANIEL WAADT
LONNIE LEON WEBB
JOHN EDWARD WEIDERT
FLOYD WESLEY WINDAL, with Honors

In Accountancy and Management

ROY DONALD RAEMER

In Banking and Finance

ROBERT HENRY CENEK
HERBERT ARTHUR DOLOWY
CHANCHAI LEETAVORN
HARLEY RICHARD LEWIN

JOHN EDWARD MARNUL
FREDERICK JOHN RUOPP, with Honors
LAWRENCE RAYMOND VOGT

In Banking and Finance and Management

HOWARD CLARK SCHNEIDER

In Commerce and Law

ROBERT MALCOLM BENNETT

ROBERT NEIL CORLEY

ROBERT WILLIAM FINROCK

GEORGE ROBERT MECHERLE

SCHERRILL WALLACE WEICHBRODT

In Commercial Teaching

JOHN ARLAND BALAGNA, JR.

DELPHINE FRANCES BARTOSIEWICZ

FRANCINE JANE CASSELLS, with Honors

ILYNE LOIS DURLACHER

PAUL BENNETT GORDON

ALEXANDER KIELBON

HARRY THOMAS LASHMET, JR.

EDWARD JOHN MORAN

ELIZABETH STEWART SHOOP

BETTY JANE STEELE

ROGER LEE SWANK, with Honors

GERALDINE THOMPSON

ANN MARIE WELTZIEN

CARL FREDRICK WORKMAN

In Economics

RAMON MINOR BRINKMAN

JAMES ROBERT CAIN

DONALD MAURY FAIRMAN

DANIEL ELIAS FISCHHEIMER

RALPH HENRY JOHNSON, with Honors

CHARLES LEE JOHNSTON

ALFRED GUSTAV KAUFMAN

KARL REYNOLDS LASSETER

MAXWELL DONALD LEVINE

CLIFFORD LEON POND

PETER RADEKA

DOUGLAS WAYNE SCHIMMEL

DELMAR RAYMOND SCHRUMPF, JR.

RICHARD LAWRENCE SIDENER

MYRON HARRIS SKOLLY

CHARLES ZACHARY WILSON, JR.

In Economics and Finance

HARRY YOUNGS BAXTER

In Economics and Public Affairs

WILLIAM DENSON NORTH, with High Honors

In Finance

JOSEPH ROLAND FENELON

THOMAS NORMAN JAMES

GEORGE MILTON JEZEK

In Industrial Administration

RICHARD NORTON GALLUZZO

CARL ADOLPH HELDMAIER

RICHARD GUY HREJSA

ROBERT MERLIN KEGLEY

EDGAR EMMANUEL LUNDEEN, JR.

RAYMOND WILLIAM O'LOUGHLIN, JR.

STANLEY CHARLES POREMBA

FRED SIMON REHAGEN

CHARLES CHRISTIAN WIEDLING, with Honors

In Management

JOHN ERIC BENDER

HENRY OTTO BUSCH

WYLBUR NELSEN CAZEL

ROBERT WALTER COOPER

ROBERT SHEPARD CORNELL

THEODORE JOHN DAMIANOS

WILLIAM ANDREW DIONESOTES

CHARLES WILLIAM DOERING

DAVID KAY ERWIN

SIDNEY FIELD, with Honors

JOSEPH ALLEN GARZA

CHARLES RICHARD GRAHAM

GARY GILLETTE GRAY

DAVID ARTHUR GULLETTE

JOHN ALFRED HALBECK

WILLIAM GORDON HEISE

DONALD JOSEPH HERMAN

GEORGE HERBERT HOLLEY

ROBERT ALLAN HUSMANN

ARNOLD BRUCE KEESAL

THOMAS CHARLES LUTTIER

NORMAN RILEY MCGIRK

PHILIP GEORGE MYERS

JOSEPH EDWARD CHESTER NIEWIADOMY

JOHN ALDEN PELLETIER, JR.

ROBERT JOHN PENN

ROBERT PAUL RIGGINS

CHARLES WILLIAM RUSSELLO

CHARLES EDGAR SCHMIDT

RAYMOND STANLEY VANCE

ROGER WILLIAM VERLEY

JOSEPH ANTHONY WEBER, JR., with High Honors

GEORGE WICKSTROM, JR.

PETER JOSEPH ZAMMUTO

RAYMOND WALTER ZIEMNIK

In Management and Marketing

WILLIAM KERWIN BONE
 GEORGE FRANCIS BOWER
 JOHN WILLIAM DAU, JR.
 WILLIAM FREDERICK HOHMAN
 GEORGE EDWARD MORPURGO
 WILLIAM ROBERT NIESEN

WILLIAM DONALD OSHERMAN
 RAYMOND ANDREW PERS
 JACK ROSEN
 GEORGE JOSEPH SPINOZZI
 ROBERT HOWARD TROST, with Honors
 BRUCE EMERY WOODRUFF

In Marketing

BENJAMIN LAWRENCE ABRUZZO
 JAY MORTON ATKINS
 WILLIAM WALTER BARRICK
 CARLTON RUSSELL BATES
 RONALD EARL BATTERHAM
 EDWARD ISRAEL BLUM
 JOHN JAMES BOWMAN
 DEAN ALLYN BUSSART
 WALTER ORA BYERLY
 FRED MORTON CAPLAN
 GILE RICHARD CHRISTIANSEN
 DONALD JAY CLEVELAND
 EDWARD JOSEPH COLE
 CHARLES ELWOOD COUNTISS
 JAMES ALLEN CUMMINGS
 DAVID MILLER DEWIND
 WILLIAM DELANEY DRISCOLL
 KENNETH ROGER DUNNIVANT, with
 Honors
 STANLEY ETHAN DURIN
 JOHN CHARLES FELTEN
 RODNEY ADAMS FLETCHER
 ROBERT JOHN GASCHLER
 ARMAND GENEWITCH
 RICHARD BANCROFT GIBBS
 DAVID JAY GOULD
 ALLAN JAMES GREGOR
 HERBERT JOHN GREGOR
 HAROLD PINCKNEY HAYES
 DAVID JACK HENSLEY, with Honors
 JULIUS HERBERT HEYDORN
 BENJAMIN HOOKS, JR.
 CHARLES EDMUND IRELAND
 JEROME WAYNE JOHNSON
 JOHN DANIEL KARRAKER
 BARBARA ELAINE KATZ
 PETER HERBERT KLEINEBRAHN
 EUGENE KRAMER
 GEORGE THEODORE KRAMER
 BARBARA JANE KUSCHMANN
 RICHARD DUANE LAMBERT

CHARLENE PEARL LANDSBERG, with
 Honors
 MASON CARTER LAYMAN
 BURTON HOWARD LEVY
 HARLAND BRUCE LEWIN
 WARREN MAREK
 WESLEY MAREK
 RICHARD HENRY MASON
 HAROLD FRANCIS MAYOTTE
 ALFRED ADRIAN MEYERS, with Honors
 JAMES VERNON MORGAN
 MALCOLM IRWIN NACHBAR
 MARILYN LEE NEWTON
 DANIEL SHERMAN NIELSEN
 DONALD LEE NISH
 VERNER LEE PAGE
 PETER COLE PALMER
 ROLLIN FRANK PAYNE
 JOAN DELOIS POTTER
 RAY OSCAR PRIGGE
 ROSS PRIO, JR.
 GEORGE ALEXANDER RAICA, JR.
 EDWARD STANLEY RIMKUS, with Honors
 ALLEN JAY SABATH, with High Honors
 ALLEN LINDENTHAL SCHIMBERG
 DON ROY SMITH
 EDWARD WILLIAM SOLIDAY
 JOHN BRUCE STONEBERG
 RICHARD RAY STOUFFER
 CYNTHIA RYRIE SWANSON
 WILLIAM NICHOLAS THALMAN
 ROY VERNE VAN BUSKIRK
 IRWIN CAROL VEIT
 ALBERT HARRY WALTERS
 BURTON JACK WASSERMAN
 LAWRENCE PAUL WAYNE
 LLOYD EUGENE WEBBER
 CLIFFORD LEO WEIDNER
 NORMAN WIESE WILLOUGHBY
 BARBARA ELLEN WINKLEPLECK
 JAMES WILLIAM YOKEM
 JOHN RICHARD YOUNGS

In Public Affairs

HOWARD ELIOT SHAPIRO, with Honors

In Secretarial Training

MARIE NELSON BARTKIEWICZ
 VIRGINIA MOTT KRAABEL

PATRICIA ANN O'BYRNE

SCHOOL OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Journalism

CHARLES RICHARD ALLEN	ROSALIE CAROLINE LEWIS
MARTHA NELLE ALLEN	FRANCIS MARVIN LIVERMORE
HARVEY MARVIN ANDERSEN	JAMES ANNAND LUKE
ROBERT HAMILTON BACON	ELIZABETH ANNE LYMAN
JANICE NORINE BEAUMONT	MARGARET ANN MACDONALD
MAXIMILION SIGMUND BESCHLOSS	BARBARA ANN MARQUARDT
MORRIS RICHARD BESCHLOSS	LARRY LEE MECK
CARL WILBUR BORKLUND	MARILYN JEAN MEYER, with Honors
KENNETH WELLMAN BOUB	ARDIS ANN MILLER
CARLTON RALPH BROWN, with Honors	RAYMOND BONIFACE MOLITOR
JOHN LELAND CHANDLER	PETER JOSEPH MOORE, JR.
MARCUS FREDERICK CHRISTENSEN, with High Honors	EARL RICHARD MOSES, JR.
FLOYD ROBERT COLLINS	LELAND WILSON MYERS
MARY JANE CORRIE	NANCY ANNE NECKERS, with Honors
PHILIP DEAN CROSBY	CAROL RUTH NICHOLSON
HANS ARTHUR DEUTSCH, with Honors	LETA ANN ORNELLOS
MARGARET ANN DOLAN	RICHARD McVEA PERITZ
JOSEPH DANIEL DORGAN	KENNETH CHARLES PODALSKY
BRUCE RICHARD DRAKE	EVERETT GENE POOL
MARSHALL VAN DUSENBURY	BARBARA CORBETT RIEDEL
FRANCIS GUIDO FOLENA	JOHN WARREN ROBINSON, JR.
MARY JANE FOUTS	EMILY JENNIE RYGLEWICZ, with Honors
EDWARD LOUIS FRIEDMAN	CHARLES EDWARD SCHARAFIN
GARLAND GIBSON FRITTS	IRMA MARIE SCHICKEDANZ, with Honors
PHILLIP CURWOOD GALER	MARILYN FAYE SCHNIRRING
ALBERT DAVID GELLER	WILLIAM HENRY SCHROEDER
DONALD JOSEPH FRANK GNIDOVIC	NORMAN LOUIS SCHULER, with Honors
CAROL EDITH GRAHN	ALBERT CLAYTON SELSOR
CLYDE LEROY GRIMM, JR.	SHIRLEY JEAN SERED
GEORGE WILLIAM GROSSKOPF	JAMES CARL SHELTON
NANCY JO HAAS	CHARLES WILLIAM SHEPHERD
MURIEL JOY HERZBERG	DELORES JEAN SMITH
DALE LA VERNE HILEMAN	ANNE SONOPOL
PHYLLIS JEAN HOERR	RICHARD EUGENE STANLEY, with Honors
ABBEY ELEANORE JOHNSON	BRUCE LINDEN STILL
DOROTHY CAROL JONES	BRUCE McCORMICK SUBLETTE
HAROLD DEAN KNUDSON	ROSEMARY ANNE TWEDELL
MARILYN CONSTANCE KWINN	CAMILLE FRANCES VALERIO
CHRIS WILLIAM LECOS	ROSEMARY CLAIRE WATKINS
STEPHEN SAMUEL LEHNER	EUGENE GEORGE WINDCHY
CLINTON GOODRICH LEWIS	

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

ROBERT GARLAND, JR.

CLARK ERWIN MERRICK

Degree of Bachelor of Science

In Architectural Engineering

CHARLES EDWARD BANKS	WILBUR GLEN CARLSON
RUSSELL CHARLES BENNETT, with Honors	JOHN HENRY DABBERT, with Highest Honors
ROBERT GABRIAL BERLOW	RONALD KEITH DELAP
JOHN O. BOLAM, JR.	HARLAN HENRY DUFEY, with Honors
WILLIAM ADAMS BUCK	KENNETH WILLIAM EKMAN
PHILIP JOSEPH CALANDRINO	JAMES EDWARD ERBACH

WILLIAM PAUL ERICKSON, JR.
DONALD JEAN FEARS
JOHN ARTHUR FRAZIER
MARVIN JEROME GOLDBLATT, with
Honors
JAMES ALAN HENDERSON, with High
Honors
STANLEY WALTER JACHEC
RICHARD JOSEPH JISKRA
J. ROBERT JOHNSEN
ALBERT SIDNEY JOHNSTON
LUDWIK KONCZA
KARL ARTHUR KRAUSE
WILLIAM HART LANE
MICHAEL PAUL LATTYAK
ROBERT WILLIAM LEMESSURIER
WALTER HENRY LEWIS
JOHN MATTHEW LINDAHL
JOHN PHILIP LOCKE

THOMAS CURT LUNDEEN, with High
Honors
RONALD ALEXANDER MAINA, with
Honors
JOHN DONALD MARTIN
NORMAN HENRY MEYER, with Honors
PANAYIOTIS DEMETRIUS PHARMAKIDIS
HARLAN ALBERT PRATT
HAROLD STUTLER SCHOFIELD
ARTHUR MAX SEITZ
ROGER ALLEN SMITH
ROBERT DALE STILLIONS
WALTER HART SURRAN
ALFRED SIDNEY SWENDSON
LOUIS EMIL TRINKO
SCOTT WALLACE
JOHN ROSS WEAR
SUMNER BABCOCK WEISS

In Architecture

WILLIAM RICHARD BAKER
EDWARD FRANK BLICHARSKI
LEROY WILBUR BONESZ
EDWARD STANLEY BUCZKOWSKI
JEROME ROGER BUTLER, JR.
JAMES HAROLD CANNON, JR.
THOMAS WESLEY CLARIDGE
WILLIAM FREDERICK DOEMLAND, with
Honors
JOHN PAUL EBERHARD, with Highest
Honors
DELBERT RAYMOND ENGBLAD
LEONARD F. FISHER
WILLIAM JOSEPH GAVIN
EUGENE FRANK GILSTRAP
WALTER EDGAR GREEN, JR.
PAUL HUSBY HALVERSON
ARTHUR NEAL HELANDER
ARTHUR CHRISTIAN HOELCK, with
Honors
JANE MARIE JACOBSEN
DONALD EDMUND KAMINSKI
VICTOR ADKINS KIBLER
EDWARD FRANKLIN KOEHLER
FREDERICK THEODORE KUBITZ, with
Honors

DAVID JOSEPH KURKA
WILLIAM KIRBY LOCKARD
RICHARD GLENN LUNDGOTT
AUGUSTO TONO MARTINEZ
ALAN MERRILL MCHENRY, with
Honors
ROBERT J. OFFRINGA
GEORGE ALFRED PARENTI
PAUL EDWARD PULLIAM
TERRY GRANT QUINN
DONALD RUSSELL ROBERTSON
RICHARD SHELDON ROSE
CARROLL CHRISTOPHER RUDD, III
JAMES JOHN SCHALK
HOWARD ETHAN SCHERSTEN, with
Highest Honors
CHARLES DAVID SPEAR
FREDERIC JOSEPH TRESNAK
THOMAS MARSHALL WAGGONER, with
High Honors
EUGENE A. WEDELL
STEWART CALVIN WOLF
HAROLD LEON WRIGHT
FRANK COOLIDGE ZANCANELLA

In Landscape Operation

JOHN RALPH SYNNESTVEDT, JR.

MARVIN EDWARD WEHLER

In Music Education

WILLEDOTTE BRIX
JEAN ANN CARR
CAROLYN JOHNSON CLARK, with Highest
Honors
LEROY EDWARD DUNCAN, with High
Honors
MARSHALL DEAN ERICKSON
SHELDON STADEL FRANK
LAWRENCE NEVIN GNAGEY
FRANCES MAE GOURLEY, with High
Honors

CAROLYN BETTY HEDBERG
GERMANIA MUENZER HEVERLY
FERN HODGE, with High Honors
JOANNE HOLT
ROBERT GORDON HOWELL
MARY LOUISE JACKSON, with Honors
RICHARD MERLE KAMM, with High
Honors
SUZANNE KURRUS
ALBERT LOUIS LUNDGREN
MARILYN MADGE LUTHER, with Honors

ALLIE JANE MILLER
 JOHN PHILLIP MUELLER
 CAROL ELEANOR NELSON, with Honors
 JACQUELINE MYRTLE NELSON
 MARILYN LYDIA PETTERSON
 WILBER IVAN REVEAL
 WAYNE FRANKLIN RICHARDS, with
 High Honors

CAROL G. SHOFF, with High Honors
 DAVID RAE SMITH, with Honors
 ROBERT CLIFFORD SMITH
 JOHN HARPER SWICKARD
 BYRON ORVILLE WINDSOR
 PEARL ANNETTE WOOD, with High
 Honors

Degree of Bachelor of Fine Arts

In Advertising Design

WILLIAM ALLAN FETTER
 GEORGE ELMSLEY NELSON
 JEANNE MARGARET SCHLACKS
 HAROLD ALAN SCHWEIG, JR.
 WILLIAM WALFRED UITTO

HARRY BURTON VOIGT
 DOROTHY JEANNE WILKEY
 JAY HERMAN WILLIAMS
 ALAN ROBERT SEGAL

In Art Education

LUCILE ADAMS, with High Honors
 MARION CALDWELL
 JEAN TAYLOR CASSON
 CALVIN LEWIS GORE
 VIRGINIA LEE MACDONALD

MARION CAROL NEWPORT
 FAITH JANE PECHMAN
 REGINA MARIE REYNOLDS, with Honors
 MARY ESTHER ROSEBRAUGH
 MARGIE JANIS WOOLARD

In Industrial Design

ROY LEE BRENNER
 WALTER ADOLPH GODLEWSKI
 DONALD EDWARD KLEIN

HARRY EDISON MEAD
 DAVEY M. PACKER
 BARBARA ANN WAGONER

In Landscape Architecture

EDWARD GEORGE SCHUMACHER
 NANCY LOU SEITH, with Highest
 Honors

BRADLEY BENNETT TAYLOR, with High
 Honors
 BRENTON HAROLD WADSWORTH, with
 High Honors

In Painting

ROBERT EDWARD ANDERMANN
 GLENN EUGENE BISCHOF, with Honors
 NICHOLAS WINTER BRIDGE
 DONALD HERBERT BRODIE, with Honors
 NANCY LOU ENGLE
 EDMUND RIENHOLD KANWISCHER
 PAUL STEVEN KOSTER
 SHIRLEY LANGHAM

VIRGINIA JOYCE OLSON, with Honors
 DOLORES EDNA PYE
 BARBARA JEAN TOZIER, with Highest
 Honors
 ERNEST JOSEPH VELARDI, JR., with
 Honors
 ROGER ANTHONY WELCHANS

Degree of Bachelor of Music

JACK LEE BIGGERS
 JANET SIEM FISHER, with High Honors
 CHARLES ALLEN GOVE, with High
 Honors

THEODORE CHARLES LANGE, with Honors
 GEORGE HAZARD LUCKTENBERG, with
 Highest Honors
 ANDREW RONALD MIKITA

SCHOOL OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Health Education

HAROLD CARL GUSTAFSON
 PAUL PRESTON HARTMAN

RAYMOND MARSHALL TAYLOR

In Physical Education

ROBERT JOHN AVERY
 TRINITY ANN BAUER
 ROBERT JOHN BLESSING, JR.

JAMES WESLEY BOKENKAMP
 ROSLYN MAE BOXERMAN
 ROBERT CHARLES BROGREN

MILLICENT GLORIA BROWN
 BARBARA ANN BRYNGELSON
 ALVERNE EUNICE BURKE
 RICHARD WAYNE CALISCH
 RICHARD LONG CAMPBELL
 LOIS JEANNE CEDERBERG
 WALTER CRYER
 GENE WAGONER DECKER
 RONALD HENRY DETLEFSEN
 ERLING OLIVER ELLINGSON
 RICHARD WESLEY EMS
 PHILLIP VANLOON EVANS
 FRANCES ANNE FALCON
 JACQUELYN WILDE FEARS
 WILMA ROSE FLOWER
 MACK RUPERT FOLLMER
 JOHN RICHARD HERBERT GEORGE
 MYRNA ANNE HALE
 RONALD LEE HEBERER
 RICHARD HARVEY JENKINS
 VERNON SEVANDER JOHNSON
 GEORGE KASAP
 NAOMI RUTH KATZ
 ROBERT GENE KIDD
 NANCY CLAIRE KOE
 LAWTON BICKLY LAMB
 ADAM LAZAR
 WILLARD EARL LAZIER

CHARLES WILLIAM LEE
 CLINTON CAREY LONGSHORE
 JOHN WILLIAM LOSS, JR.
 FRANCES MAE MCGOVERN
 EUGENE WAYNE McNALLY
 JOAN DOLORES MIESCHKE
 MILO EUGENE MYERS
 TED YUKIO OKITA
 RICHARD EDWARD READ
 SAMMY JOSEPH REBECCA
 CATHERINE EMMA REINECKE
 PAUL WILLIAM REPKE
 JANE CARYL RESKE
 ROBERT ALEXANDER RYLOWICZ
 MARTIN WILMER SCHWARTZ
 EDITH MARIE SHORT
 RALPH H. STEELE
 DONALD JAMES STEVENS
 SHIRLEY MAE KATHERINE TREADWAY
 CHARLES ULRICH, JR.
 RALPH RUDOLPH VALENTINO
 ROGER GEORGE VLIET
 EVELYN IRENE WAHLS
 FRANK DAVID WALENGA
 RICHARD DONALD WANGEROW
 FRED WAPPEL
 JOHN EDWARD WEDEL

In Recreation

DELORES JANE BEESON
 RAYMOND JAMES CATAN
 PHYLLIS ANN KENNEY

WILLIAM PUTNAM MILNE
 ELIZABETH LANGSTON RICKS
 WILLIAM ROBERT WILLIS

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

ELWOOD THOMAS ANKRUM
 RICHARD ALDEN ATWOOD
 RAY GORDON BAKER, with Honors
 JOHN WAYNE BECK
 BRUNO ROBERTO BONN
 GLEN ERIC BOQUIST
 JOHN PATRICK BOWMAN
 MURRELL ALLEN BOYD, with Honors
 MAX CLINTON BRUBAKER
 PAUL ALFORD CAMM
 JACK CHASE
 ROBERT DONALD CHLUP
 BENJAMIN BRUCE CLARK
 WILLIAM THOMAS CUNNINGHAM
 RAYMOND TILDEN DAVIES
 RICHARD STANLEY DEWITT
 EARL HARRY DIXON
 LUTHER TREVELYN EVERS
 JOHN WAYNE EVERSOLE
 JAMES PICKERING FORTNEY
 WILLARD FLOYD GATES, JR.
 MELVIN E. HARTZLER, JR.
 ROBERT EUGENE HOOVER
 WARREN ULYSSES HUELER
 ROSE EILEEN JENNINGS

CARL RUSSELL JOHNSON
 LAWRENCE LEE JOHNSON
 FRED LAWRENCE KATH
 ROBERT BURTON KERBY
 THEODORE ERNEST KJELLSTROM
 JACOB JACK KLAY
 JOHN RAYMOND KLUSSENDORF
 JOHN ANDREW LANGLOIS
 DONALD LAVERNE LEWIS
 WILLIAM DWIGHT LIEB
 FORREST LYNN GALE LUSTER
 EDMUND THADDEUS MAZUR, JR.
 JOSEPH THOMAS MCCARRON
 RAYMOND RICHARD MCCUMBER
 GEORGE TIMOTHY McMAHON
 JAMES ARTHUR MEYERS
 JOSEPH RAY MICHALSKI
 HAROLD FRANK MITTEL
 RUDOLPH INNOCENZO MOZ
 DAVID FRANCIS MULLIKEN
 ROBERT STUART NANCE
 ROGER JULIUS PATZER
 HARRY GUSTAV PETERSON
 WILLIAM BRAXTON PHILLIPS, JR.
 WILLIAM ELLIOTT POULIN

JAMES EVANS ROUSE
 ROBERT WILLIAM SMITH, with Highest
 Honors in History
 LLOYD ELMER STANLEY
 FREDERICK GREEN SURIA, JR.
 WILLIAM ALFRED SYVERSON
 PHILLIP JOSEPH TESTA

JOHN THEODORE THOMPSON
 WAYNE EUGENE TIPSWORD
 ANDY TRIANTOS
 JAMES PAUL TUSHAUS
 HENRY MERRICK WALKER
 ROGER EARL WIELAND
 JAMES FREDERICK WILSON

COLLEGE OF VETERINARY MEDICINE

Degree of Bachelor of Science

In Veterinary Medicine

HAROLD HERMAN BAHE
 ARTHUR ALLYN BOTTORFF
 ELWIN ERNEST BRANZ
 DENZIL ELLIS DEES
 JOHN CORTLAN ELDER
 WALTER LEO FEHRENBACHER
 THOMAS MASON FOLKERTS
 FREDERICK ERNEST FRICKE
 ALLAN LEE GRAHAM, with Honors
 THOMAS JOSEPH GUNHOUSE
 RALPH FRANKLIN HALL, JR.
 HAROLD JOHN HEFFERNAN
 FREDERICK BLACK HEMBROUGH
 GLENN GUSTAVE HINTERMEISTER
 ROBERT CLYDE HUFF
 JOHN DAVID LYKINS
 HAROLD CLARENCE MCCUTCHAN, with
 High Honors

RALPH DAVID MCQUEEN, with Honors
 JOHN WENDELL MERRICK
 JAMES HERMAN NADLER, with Honors
 WALTER NEHRKORN
 LOUIS FRANKLIN OHLENDORF
 JESSE PAYNE, JR.
 WILLIAM PRUSACZYK
 JEWELL DEAN SCHLAPP
 IRA LAKE SEIGEL, JR.
 EDWARD MARION SHINN
 STANLEY ROSS SPESARD
 DONALD RALPH STROMBECK
 RAOL J. TAFT
 THEODORE LOWELL WAGY
 EDWIN KELL WILKIN
 JAMES GERALD ZABIN
 WALTER EDWARD ZUSCHLAG

Degree of Doctor of Veterinary Medicine

JOHN ROBERT BAKER
 ROBERT GERALD BRAMEL
 ROBERT FRANK BUTZOW
 KENNETH DWIGHT CAMPBELL
 JOHN MCCLURE CARROLL
 GEORGE FRED FEHRENBACHER
 RICHARD BERNARD FINK
 WILLIAM PAUL HENDREN
 WILLIAM GEORGE HUBER
 CECIL RICHARD JOHNSON
 BOYD BERTON KNUPPEL
 ROBERT ALLEN LATHAM, JR.

CHARLES EDGAR LINDLEY
 HARRY ADOLPH LOEFFLER
 CLIFFORD EDWIN LOOMIS
 EARL EDWIN LUTZ, with Honors
 EDWARD CLARENCE MURPHY
 WILLIAM MORGAN NEWTON
 RAYMOND EDGAR OLSEN
 HAROLD IRVING PATTERSON
 GEORGE CLIFFORD SCOTT
 WILLIAM KENNETH SPECHT
 OLIVER WILBERT STOWE
 ROBERT FREDERIC WHALEN

Degrees Conferred in Chicago

HONORARY DEGREE

Degree of Doctor of Science

(Conferred June 19, 1952)

THÉOPHILE ANTONIN ALAJOUANINE, M.D., Professor of Clinical Neurology, University of Paris

GRADUATE COLLEGE

Degree of Doctor of Philosophy

(Conferred June 19, 1952)

In Anatomy

GHOUSE AHMED SHARIFF, B.M., Bachelor of Surgery, University of Mysore (India), 1939; M.S., 1951

In Bacteriology

LEON JOSEPH LeBEAU, B.S., M.S., 1947, 1949

In Biological Chemistry

AARON LEONARD SHEFFNER, B.S., M.S., University of Chicago, 1943, 1946

In Chemistry (Pharmaceutical)

ANDREW LASSLO, M.S., 1948

DASU RAMASWAMI, B.S., University of Madras (India), 1942; M.S., 1949

In Pharmacology

THEODORE MEYER BRODY, B.S., Rutgers University, 1943; M.S., 1949

WILLIAM HENRY FUNDERBURK, B.S., University of Kentucky, 1939; M.S., 1950

RICHARD I. HSIANG WANG, B.S., St. John's University (China), 1945; M.S., Utah State Agricultural College, 1949

In Physiology

EDWIN ALLEN OHLER, B.S., Washington College, 1940; M.S., Tulane University, 1942

GEORGE HOWARD POLLOCK, B.S., M.D., M.S., 1944, 1945, 1948

ROGER WARREN SEVY, M.S., University of Vermont, 1948

In Physiology (Clinical Science)

ARCHER SAMUEL GORDON, A.B., North Central College, 1942; B.S., M.D., M.S., 1944, 1945, 1950

KWANG SUH KIM, M.D., Seoul National University (Korea), 1947; M.S., 1949

DONALD FRANCIS MAGEE, B.M., Bachelor of Surgery, University of Oxford, 1948

Degree of Master of Science

(Conferred June 19, 1952)

In Anatomy

RUDOLPH ERNEST KAEMERLE, B.S., Loyola University, 1950

In Bacteriology

TRUMAN OLIVER ANDERSON, JR., A.B., 1950

PETER BARAM, B.S., 1949

ALLAN GRAHAM BENNETT, B.S., Elmhurst College, 1950

ARTHUR VOELKEL KROEGER, B.S., Elmhurst College, 1950

JAMES EMERSON NORDSTROM, B.S., Elmhurst College, 1950

CLOVIS JACK SNIDER, B.S., University of Arizona, 1950

In Biological Chemistry

SHELDON DAVIDSON, B.S., 1949

ROBERT EDWARD MADDEN, B.S., 1950

In Histology

CHARLES MERWIN BELTING, A.B., University of Wisconsin, 1939; D.D.S., Northwestern University, 1943

CLIVE IMRAN MOHAMMED, L.D.S., Nair Dental College (India), 1948

In Medicine

ROBERT CARL MUEHRCKE, B.S., 1948

In Oral Surgery

RALPH NORIO AKAMINE, D.D.S., Washington University, 1946

DANIEL M. LASKIN, B.S., D.D.S., Indiana University, 1947

In Orthodontia

EUGENE SCHLEGEL BLAIR, D.D.S., 1950

ARTHUR HARRY CRAVEN, B.D.S., Victoria University, 1946; D.D.S., Northwestern University, 1949

LUZ CELIS MACAPANPAN, D.M.D., University of the Philippines, 1946

RICHARD TISDALE SANBORN, D.D.S., University of Pennsylvania, 1950

In Pathology

IRENE FEI-FEI HU, M.D., National College of Shanghai (China), 1948

In Pharmacology

JOHN GEORGE ADAMS, B.S., Duquesne University, 1947

HASHIM IBRAHIM AL-ZUBAIDI, Ph.C., Royal College of Pharmacy and Chemistry (Iraq), 1943

LAWRENCE DONOVAN LEE, B.S., Monmouth College, 1948; B.S., 1950

LOURDES REGINO MARAMBA, D.D.M., Centro Escolar University (Philippines), 1949

ROBERT JUUL PETERSEN, A.B., Grinnell College, 1950

LEE HERSH TRACHTENBERG, B.S., 1948, 1950

VERNON EARL WILSON, B.S., 1950

In Pharmacy

ANGEL SEVILLA ARAMBULO, B.S., University of the Philippines, 1950

WILFRED JAMES CROWELL, B.S., University of Saskatchewan, 1949

In Physiology

MORTON SEYMOUR COMESS, B.S., 1948, 1950

RUBIN JACOB JUSTER, B.S., 1947

WILLIAM GODFREY POGUE, B.S., Virginia State College, 1942; M.D., Howard University, 1945

ERNEST LESLIE PROPE, A.B., Southern Illinois University, 1948

JOSEPH HARRY SKOM, B.S., University of Chicago, 1951

EDWARD MARSHAL WASSERMAN, B.S., University of Chicago, 1948

QUENTIN DAVID YOUNG, B.S., B.M., M.D., Northwestern University, 1945, 1947, 1948

In Physiology (Clinical Science)

ARY LOPES DE ALMEIDA, M.D., University of Sao Paulo (Brazil), 1944

TSUNG MIN LIN, B.S., National Tsing Hua University (China), 1938

IRVIN HARRY STRUB, A.B., University of Michigan, 1943; M.D., Wayne University, 1947

In Surgery

ROBERT WAYNE EHRLICH, A.B., M.D., University of Nebraska, 1945, 1947

JOHN ROBERT JOHNSON, B.S., M.D., 1922, 1925

COLLEGE OF DENTISTRY

Degree of Bachelor of Science in Dentistry

(Conferred June 23, 1951)

GORDON DAVID ANDERSON

VINCENT ANGELO

JERRY FRANK BALATY

DARWIN SMITH BARRETT, B.S., 1948

WILLIAM JOHN DAUSMANN

SAMUEL THOMAS DEAHL

SAM JOSEPH FANTOZZI

VINCENT L. FIOCCA

BAZIL THEODORE GECKLER, JR.

RICHARD HERMAN GEORGES

ROBERT ERNEST GOING, A.B., Valparaiso University, 1948

CARTER EUGENE HAGBERG

NORMAN NATHAN JACOBS

ROBERT LEE KIMBROUGH

ROBERT EMMETT LEE, A.B., Ohio State University, 1949

DAVID ALBERT LICHTENWALTER

MAURICE RAYMOND MARMÉ

DONALD ELLIS MAXWELL

GERALD LEONARD MICHELS

WILMORE NEIDITCH

IRA M. NIEDERMAN, B.S., Roosevelt College, 1950

KENJE OGATA

LEONARD PAWLOWSKI

GLENN J. PRATT

ERVIN ROBERT RAMBERG

ALLEN ROSENBERG

CARL EDMUND SINGER, B.S.,

Northwestern University, 1948

HOWARD ARCH STONE

WILLIAM FRANK STRONER

FRANCIS WILLIAM TOWNER, A.B., Coe College, 1950

CARLYSLE DAVID UDEHN, A.B., State University of Iowa, 1949

EUGENE UNTI

SAM FRANK WALLIS

GEORGE LESLIE WATTS

MYRON SHELDON WINER

ARCHIE PAUL WOOLARD

RICHARD HAROLD ZELENSKA

Degree of Doctor of Dental Surgery

(Conferred June 19, 1952)

- GLORIA ANGELINE ALESSIO, B.S., 1950
 HENRY GARFIELD BARHAM, B.S., 1950
 RALPH ORAN BOONE, B.S., 1950
 RALPH EUGENE BURKEE
 GERALD WAYNE BURKETT
 CONSTANTINE DANNY DELLUOMO, B.S., 1950
 ARTHUR DiDEA, B.S., College of the City of New York, 1945
 JOHN RICHARD FOX
 MELVIN ROY GENAZE
 ROBERT ELMORE GIBBS, B.S., 1950
 ROBERT IAN GILLIES, B.D.S., University of Melbourne, 1950
 ERWIN SIDNEY GOLDBERG, B.S., 1950
 WILLIAM THOMAS GORMLEY, B.S., 1950
 LOUIS GREENBERG, B.S., 1950
 ROBERT EDWARD EUGENE GULLEY, B.S., 1951
 NORMAN HENRY HOLLMAN
 FELICE IERONIMO
 PAUL LAURENCE JENNINGS, B.S., 1950
 HARMON RICHARD KELLY, B.S., 1950
 CARL JACK KINELL
 THOMAS JOSEPH LARKIN, JR.
 MICHAEL LOOPER, B.S., 1950
 WILLIAM PARIS MABRY
 CHARLES CARL MARAS
 ARTHUR ELLIOTT MARSHALL
 THEODORE MOYER MASON
 JAMES ROBERT MCINTIRE, B.S., 1950
 MARK JOSEPH MENDELSON, B.S., 1950
 KERMITT CLYDE MILLER, B.Ed., Eastern Illinois State College, 1940
- JOE MINBU NAKAYAMA
 CHARLES FREDERICK NICHOLS
 MARILYNN ANNE NOVAK, B.S., 1950
 FRANK FREDRICK OSET
 WYATT KAY PARKE, B.S., 1950
 RUSSELL LEROY PARKER
 THEODORE JOHN PAULY, A.B., DePauw University, 1948; B.S., 1950
 BERT DOMONIC POMATTO, B.S., 1950
 EARLE FRANCIS POMIJE, B.S., 1950
 FRANK WILLIAM POWLES
 ALBERT RAPPAPORT, B.S., 1950
 NED MASON RING, B.S., 1950
 HAROLD DAVID ROTHBLATT, B.S., 1950
 KENDALL CLIFFORD ROWE
 MILO RUDOLPH SAFAR, B.S., 1950
 GEORGE NOBUO SASAMOTO
 ROBERT GORDON SAVAGE, B.S., 1950
 ROBERT EDGAR SCHUBERT
 JOHN ROBERT SCOFIELD
 DAVID CHARLES SHAPIRO, B.S., 1950
 RICHARD EDWARD SKARDA, B.S., 1950
 CLIFFORD ALLEN SPERRY, B.S., 1950
 ROBERT ELLSWORTH SPRAGUE, B.S., 1950
 GORDON LOUIS STASTNY, B.S., 1950
 LOUIS ANTHONY STESSL, B.S., 1950
 NORTHAM HOYT STOLP, B.S., 1950
 THOMAS EARL SUTA, B.S., 1950
 WADE RODWAY SWAN, B.S., 1950
 DONALD LAVERNE SWANSON, B.S., 1950
 DONALD WAYNE WILCOX, B.S., 1949

COLLEGE OF MEDICINE

Degree of Bachelor of Science in Medicine

(Conferred June 23, 1951)

- ALLAN LAWRENCE ABRAMSON
 GENE AHERN
 ROBERT JAMES ANSLEY, B.S., 1949
 PHILLIP GIRARD AVALON
 STUART JAY BACHMAN, A.B., 1949
 BETSY PARHAM BECKER
 SHELDON BERGER, A.B., 1949
 MYRON ELLIS BERMAN, A.B., 1949
 FRED LOUIS BOBZIEN
 JAMES LOUIS BREMER
 WILLIAM CLARENCE BRENNAN, A.B., 1949
 HOWARD B. BRENNER, B.S., Roosevelt College, 1949
 ANITA BRESSLER, A.B., Washington University, 1949
 NORMAN BRILL
 EDWARD PETER BRUCHAN
 PERRY ALBERT BRUCKER
 WILLIAM BRICE BUCKINGHAM, M.D., 1947
- CLARENCE CROSBY CLOSE
 ELLEN KODISH COHEN
 DAVID GORDON DAEHLER, B.S., 1950
 RUTH MARGARET DALTON
 CHARLES RAYMOND EDMAN
 CONRAD FRED ERNST, A.B., Valparaiso University, 1951
 DAVID ALAN FELL, A.B., Cornell College, 1949
 BURTON WILLIAM FINK
 WILLIAM EDWARD FISHMAN
 GLENN WILLARD FLAGG
 RONALD EDWARD FOX
 ALVIN REUBEN FRANK, B.S., Purdue University, 1949
 JOHN WARREN FRISCH, A.B., 1950
 JACK LOUIS GIBBS, B.S., Bradley University, 1948
 MARVIN EUGENE GOLD, B.S., 1949
 ARNOLD IRVING GOLDBERG, B.S., 1949

LUDWIG NICHOLAS GRANDL, B.S.,
Elmhurst College, 1949
LEO RICHARD GREEN
DONALD HERBERT GREENBERG
CHRISTOPHER GROEN
ROY HALPERN, B.S., 1949
BERNARD HANKIN, B.S., Roosevelt
College, 1949
TAKESHI HAYASHIDA
ROBERT HAROLD HERMAN, B.S., Illinois
Institute of Technology, 1950
JOHN MITCHELL HILL
PAUL HIRSCH
WILLIAM JAMES HOGAN
RICHARD HONG, B.S., 1949
WILLIAM KENDALL HOOKS, Jr., A.B.,
Lincoln University, 1949
ANTHONY JOHN IERULLI, B.S., Bradley
University, 1949
GEORGE RUPERT JOHNSON, B.S.,
Wheaton College, 1948
JOHN WILLIAM JOHNSON
JOHN MCKINLEY JOHNSTON, A.B.,
Southern Illinois University, 1949
WILLIAM MONROE JOHNSTON
JAMES EDWARD JONES, A.B., University
of Wisconsin, 1949
WILLIAM DONALD JONES
WILLIAM CLYDE KATEL
ELI MELVIN KATZ, B.S., Roosevelt
College, 1949
MARION KENNETH KAUFMANN, A.B.,
Greenville College, 1949
JOHN EDWIN KERR, Jr., B.S., University
of Arkansas, 1942; D.V.M., Iowa
State College, 1946
ALFRED DAVID KLINGER
SAMUEL KREMEN, B.S., 1949
IRVING KUFERMAN, B.S., 1949
FRANK LOUIS LANUTI, B.S., Purdue
University, 1942
SHELDON EARL LAVIN
RICHARD VERNON LEE
HERBERT STEWART LEVIN, B.S., 1949
VARDITH NAOMI LEVY, B.S., 1949
JEROME LEONARD LIPIN, B.S., M.S.,
1949, 1950
SIDNEY THEODORE LUBIN, B.S.,
Roosevelt College, 1950
TOFIEL THOMAS LUKASIK, B.S., 1949
ROBERT TAYLOR LUNDEEN, A.B.,
Augustana College, 1949
TIMOTHY ARTHUR MANNING
JAMES RICHARD MARKS, B.S., 1949
WILLIAM HENRY MARSHALL, A.B., 1950
FRANK MASAO MATSUMOTO
ALVIN ABRAHAM MILLER, B.S., Roose-
velt College, 1948
RAYMOND NICHOLAS MILLER, A.B.,
St. Procopius College, 1949
CHARLES GEORGE MOERTEL
MARVIN FRED MORRISON, B.S., 1949

BASIL ANTHONY MOSKOFF
EDWARD FREDERICK MURRAY, Jr., B.S.,
Illinois Wesleyan University, 1949
MAURICE SIDNEY NADELMAN
ROBERT JOSEPH NEJDL
NORMAN HARVEY NELSON, B.S., 1949
ROBERT EARL NYQUIST
NICK FRANK PACE
JOHN CAROL PARROTT, A.B., Olivet Col-
lege, 1948
CHARLES NATHAN PATTON, B.S.,
Wheaton College, 1949
ROBERT EUGENE PAXTON
JACK WILLARD PEARSON
LENIN PELLEGRINO
ROBERT BENJAMIN PILDES
MICHAEL PETER PILL, A.B., North
Central College, 1949
DONALD RICHARD PLATT
FRED RAY PORTNEY
JOHN CASIMIR PRZYPYSZNY, A.B., 1950
JOHN GOULD RAFFENSPERGER, A.B., 1950
IRVING RAPPAPORT, D.D.M., University
of Louisville, 1947
IRVING MICHAEL RASCON
MARVIN ARNOLD RAWITCH
CHARLES REACH, B.S., 1949
ROBERT ALVIN REIFMAN, A.B., 1949
ALLEN CURTIS RIGGLE
JOSEPH HOWARD ROBBINS
DALE HENRY ROSENBERG
WALTER SAPHIR
RICHARD EDWIN SCHAEDE, B.S., 1949
DONALD MUSKAT SCHLEIFER
HAROLD ALVIN SHAFTER, Ph.B., B.S.,
University of Chicago, 1947, 1949
MORTON SHANE, B.S., 1949
DANIEL SHAPIRO, B.S., 1949
HAROLD BUDDY SHRIFTER, B.S., 1949
ROBERT SIMON, B.S., 1949
WILLIAM SINGER
JOHN CARSTON SPARKS
JACK OLIVER SPICER
CHARLES LEROY STEIDINGER
ROSITA STEPHAN
JACK STRONG
RONALD EUGENE SUMNER, B.S., Bradley
University, 1949
CHARLES JOHN SUPPLE, B.S., 1949
RALPH KENT SWEELUND
RONALD TEICHNER
WILLIAM VICTOR TORRICELLI, B.S.,
Aurora College, 1949
ELDON DALE VAN SANDT, B.S., Eureka
College, 1949
JOHN WILLARD VEIRS
ABRAHAM WARSASKI, B.S., 1949
REX EDWARD WIEDERANDERS, M.D.,
1951
MILFORD GERALD WYMAN, B.S., North-
western University, 1949

(Conferred September 15, 1951)

THOMAS VICTOR SHIELS, M.D., 1940

Degree of Bachelor of Science in Occupational Therapy*(Conferred June 19, 1952)*

VIRGINIA BECKWITH
 ROBERT KENDALL BING
 ANNE MARIE HEARITY
 ELLEN ARLENE KIRK
 SHIRLEY RAE LUNDBERG

MARTHA ESTELLE RICE
 MARY ANNE STIPP
 PATRICIA ANN WILLIAMSON
 ELAINE THERESA ZIMMERMAN

Degree of Doctor of Medicine*(Conferred September 15, 1951)*

LYLE EUGENE ADAMS
 ROBERT HENRY KYLE, B.S., Rice
 Institute, 1943; M.S., Iowa State
 College, 1945

(Conferred March 29, 1952)

NATHAN JOSEPH AVERICK, A.B.,
 Augustana College, 1948
 ALLISON GAIL BAXTER, B.S., 1950
 ROBERT PIXLEY BAYSINGER, A.B.,
 Southern Illinois University,
 1948; B.S., 1950
 ROBERT BARRETT BIRD, B.S., M.S.,
 1949, 1951
 WILLIAM BENSON BOBO, A.B., South-
 western University, 1941; B.S.,
 University of Mississippi, 1950
 JOHN LEE HOYT, B.S., 1950
 THOMAS HOLLINGSWORTH HUSON,
 B.S., Southern Illinois University,
 1947
 GEORGE RUPERT JOHNSON, B.S.,
 Wheaton College, 1948; B.S.,
 1951

MANNY JOSHUA KARBELNIG, B.S.,
 1947, 1950
 EDWARD FRANK KLITENICK, A.B.,
 B.S., 1948, 1950
 JOHN JACOB MATHEWSON, A.B.,
 Greenville College, 1948; B.S.,
 1950
 MORTON S. NOTARIUS, B.S., 1950
 ERNEST WILFRED PULLMAN, B.S.,
 1948, 1950
 SIGWIN BALTAZAR RASKA, Ph.D.,
 University of Berne, 1935; A.M.,
 University of Toronto, 1942
 JOHN CHARLES TODD, A.B., B.S.,
 University of North Dakota,
 1949, 1950
 ALBERT EDWARD WOELTJEN

(Conferred June 19, 1952)

BERNARD LEO ABRAMS, B.S., 1948, 1950
 ROBERT J. ADOLPH, Ph.B., University of
 Chicago, 1947; B.S., 1950; with
 Honors
 ROLAND GUSTAV ANDERSON, B.S., 1950
 NOBBY NOBORU ARATA, B.S., 1950
 GEORGE PICKERING BALZ, A.B., B.S.,
 1948, 1950
 GEORGE WILBURN BARD, B.S., 1950
 MYRON EDWARD BERKSON, B.S., 1950
 JOSEPH C. BERNSTEIN, B.S., Roosevelt
 College, 1948
 HAROLD VINCENT BISKA, A.B., B.S.,
 1948, 1950
 MARTIN EUGENE BLAZINA, B.S., 1950;
 with High Honors
 LAWRENCE FREDRICK BLOMBERG, B.S.,
 1950
 GILBERT BOGEN, B.S., 1948, 1950
 WARREN QUENTIN BRADLEY, A.B.,
 Southern Illinois University, 1948;
 B.S., 1950

THOMAS LEONARD BRANNICK, B.S., 1944,
 1949; M.S., 1951; with Honors
 ROBERT LOUIS BRATMAN, A.B., Bradley
 University, 1949; B.S., 1950
 LEONARD MARTIN BRESSLER, B.S., 1948,
 1950
 ROBERT JOHN BROCKMAN, B.S., 1950
 WILLIAM JOSEPH BRYAN, A.B., Duke
 University, 1947; B.S., 1949
 JACK CARSEL, B.S., 1948, 1950
 RAYMOND JOHN CASSADY, B.S., 1950
 GLENN W. CHAMBERLIN, JR., B.S., 1950
 RAYMOND ADOLPH CLASEN, B.S., 1950
 SHELDON RICHARD COGAN, B.S., 1950
 ELLIOTT SCHIFF COHEN, B.S., Long
 Island University, 1948; B.S., 1951
 MORTON SEYMOUR COMESS, B.S., 1948,
 1950; with Honors
 WILLIAM DEAN DAVIES, B.S., 1948
 ALLEN CHARLES DE OLAZARRA, B.S.,
 Northwestern University, 1947
 VINCENT SAM DIGIULIO, A.B., 1948

- VINCENT LAWRENCE DOUGLAS, B.S., 1948, 1950
 FRANK JAMES DOYLE, B.S., 1950
 WINSTON SIGVERT EKREN, A.B., B.S., University of North Dakota, 1949, 1950
 LAWRENCE CHARLES FIENE, B.S., 1950
 HERBERT SHELDON FRIEDMAN, A.B., B.S., 1950
 MORTON HAROLD FRIEDMAN, B.S., 1950
 SANDER GARRIE, B.S., Northwestern University, 1948; B.S., 1950
 ROBERT GILBERT, B.S., 1950
 WILLIAM LEROY GILES, B.S., 1949
 KENNETH LLOYD GILL, B.S., 1950
 EDWARD ARNOLD GLENN, B.S., 1948, 1951
 BERNARD A. GOLDBERG
 LOWELL GOLDBERG, B.S., 1950
 SIDNEY GOLDBERG, A.B., B.S., 1948, 1950
 IRWIN GOLDFARB, B.S., 1950
 GORDON CLOYES GRAHAM, B.S., 1950
 GEORGE CROWDEN GREEN, JR., B.S., Northern Illinois State Teachers College, 1948
 MYRON GREEN, B.S., 1950
 JANICE R. GREENBERG, B.S., 1948, 1950
 EDWIN DAVID GRIFFIN, A.B., B.S., 1948, 1950
 DAVID PHILIP GROSS, B.S., Roosevelt College, 1949
 GEORGE ALFRED HART, A.B., James Millikin University, 1948; B.S., 1950
 JERRY DAVID HEATH, B.S., United States Naval Academy, 1945; B.S., 1950
 WILLIAM LEROY HEDGES, B.S., 1950
 JOHN WILLIAM HENDRIX, B.S., 1950
 PAUL WOLFGANG HERZ, B.S., 1950
 LEONARD HOIT, B.S., 1948, 1950
 HERBERT JOHN HOPKINS
 SIMON HORENSTEIN, B.S., 1950
 ROSS NELSON HUTCHISON, B.S., 1950; A.B., James Millikin University, 1951
 HAIG IGNATIUS, B.S., 1950
 LAWRENCE ROBERT IRISH, B.S., 1950
 WILLIAM STARK JOHNSON, B.S., 1950
 ALVAN GENE KARRAKER, B.S., 1948, 1950
 HERBERT HOOVER KAUFMANN, B.S., 1948
 EDWIN KISSEL, B.S., 1948, 1950
 LLOYD THOMAS KORITZ, B.S., 1950
 GEORGE KROLL, B.S., Central Y.M.C.A. College, 1944; B.S., D.D.S., 1944, 1946; with Honors
 JAMES NORMAN LANE, A.B., Ohio State University, 1948; B.S., 1950
 JOHN LANFRANKI, B.S., 1950
 EDWARD DECKER LARDNER, B.S., 1950
 LAWRENCE DONOVAN LEE, B.S., Monmouth College, 1948; B.S., 1950
 CHARLES ROBERT LEIGHTON, JR., B.S., 1950
 OSCAR SIDNEY LENIT, JR., B.S., 1948, 1950
 JERRY CHARLES LEVIN, B.S., Loyola University, 1948; B.S., 1950
 EUGENE JULES LEVINE, B.S., Northwestern University, 1950; B.S., 1950
 HAROLD LEWIS, B.S., 1950
 GERALD LIEBERMAN, B.S., 1950
 LEONARD HAROLD LIEBERMAN, B.S., 1948, 1950; with Honors
 ALEXANDER JOHN LINK, JR., B.S., 1950
 ROBERT HARDING MACNERLAND
 ROBERT EDWARD MADDEN, B.S., 1950
 ROBERT JAMES MAGANINI, B.S., 1950
 MELVIN A. MAROUSEK, A.B., University of South Dakota, 1949
 MALCOLM ROYCE MATHIAS, A.B., James Millikin University, 1948
 ROBERT MYLES MCCRAY, B.S., 1949
 HUGH JOSEPH MCMENAMIN, JR., B.S., 1950
 HARRY NEWTON MCMURRAY, A.B., Southern Illinois University, 1948; B.S., 1950
 ROY MILTON MENDELSON, B.S., 1950
 HARRY LEROY MESSMORE, JR., B.S., 1950; with Honors
 FRANK LOUIS MEYER, B.S., 1950; with Honors
 EUGENE ALLEN MONROE, B.S., Southern Illinois University, 1948
 JOHN BEVERLY MOORE, III, B.S., M.S., 1949, 1951; with Honors
 ROBERT ALLEN MOORE, B.S., 1950; with Honors
 GEORGE WILLIAM MORROW, JR., A.B., B.S., 1949, 1950
 ROBERT CARL MUEHRCKE, B.S., 1948, 1950
 HERMAN JOSEPH NEAL
 DAVID GRAY NELSON, B.S., 1950
 ROBERT ALLEN NELSON, A.B., Augustana College, 1948
 SHELDON ALEX NEMEROVSKI, B.S., 1948
 DAVID ESKEL NORBECK, B.S., Wheaton College, 1947
 RALPH ARTHUR OLSON, B.S., 1950
 ROBERT GEORGE OLSON, B.S., 1950
 JOHN WILLIAM OTTEN, B.S., Bradley University, 1949
 RICHARD CLARE PARSONS, A.B., Olivet College, 1949; B.S., 1950
 ERWIN MAURICE PATLAK, B.S., Loyola University, 1948; B.S., 1950
 JUDSON VASCO PHILLIPS, B.S., 1950
 PETER SAMUEL PINTO, B.S., Roosevelt College, 1948
 ROBERT LEE PRENTICE, B.S., 1950
 ROBERT PIRRITE QUACKENBUSH, A.B., Augustana College, 1948; B.S., 1950

- KEITH RICHARD RABINOV, B.S., 1951
 ADOLPH J. RABINOVITZ, B.S., Roosevelt
 College, 1948; B.S., 1950
 ALYDA RENE RATAJIK, A.B., B.S., 1948,
 1950
 ROBERT DAVIS RAWSON, B.S., Southern
 Illinois University, 1948
 FRANK RAYMON, JR., B.S., Southern
 Illinois University, 1947; M.S., 1951
 DAVID PRESTON RICHESON, A.B.,
 Southern Illinois University, 1948
 DAVID JAMES RICHTER, B.S., University
 of North Dakota, 1950
 CHARLOTTE ROSE ROBERTSON, A.B.,
 M.S., 1948, 1951
 LEIGH EDWARD ROSENBLUM, B.S., 1948,
 1950
 NORMAN PHILIP ROTENBERG, B.S., 1948,
 1950
 STANLEY GUS ROUSONELOS, B.S., 1948,
 1950
 JAMES ANDREW ROWE, B.S., 1948
 KUMAO SAKO, B.S., 1950
 HARRY WILLIAM SANDBERG, B.S., 1948
 FELICIANO SANTOS, JR., B.S., University
 of Puerto Rico, 1939
 CHARLES ARTHUR SCHELL, B.S., Quincy
 College, 1948; B.S., 1950
 ALBERT FREDRICK SCHNEIDER, B.S., 1950
 GROVER LEONARD SEITZINGER, B.S., 1950
 DONALD KEITH SHANAFELT, B.S., 1950
 GLEN WILLIAM SHOLS, B.S., 1950;
 with Honors
 JUSTIN SIMON, B.S., 1950
 ROBERT DENNIS SIMPSON, B.S., 1950
 MARJORIE LOU SMITH, B.S., North-
 western University, 1946
 JAMES EMERY SOUTHARD, B.S., 1948,
 1950
 DARRELL EUGENE STATZER, B.S., 1950
 LOREN JULES STERN, B.S., 1950
 ALAN LYMAN THAIN, B.S., 1950
 LEE HERSH TRACHTENBERG, B.S., 1948,
 1950
 RICHARD CLIFFORD TREANOR, B.S., 1950
 HUGO VIETZ, B.S., Roosevelt College,
 1948; B.S., 1951
 WILLIAM JOHN VON RUDEN, B.S., 1950
 HAROLD HALE WARNER, B.S., Univer-
 sity of Michigan, 1948; B.S., 1950
 EDWARD MARSHAL WASSERMAN, B.S.,
 University of Chicago, 1948; with
 Honors
 ALVIN LLOYD WATNE, B.S., 1950
 FRIEDA M. WEINER, B.S., 1950; with
 Honors
 ALVIN PAUL WENDEL, A.B., Washing-
 ton University, 1948
 STANLEY GERALD WERNER, A.B., Stan-
 ford University, 1948; B.S., 1950
 DONALD SHANKLIN WHAM, B.S., 1950
 JULIUS JAY WINEBERG, B.S., 1951; with
 Honors
 FRED WILLIAM WITT, B.S., 1950
 LYNN RORY WOODWARD, B.S., 1950
 HAROLD CHARLES WRIGHT, B.Ed.,
 Southern Illinois University, 1940

SCHOOL OF NURSING

Diploma in Nursing

(Conferred June 19, 1952)

- | | |
|----------------------------|-------------------------------|
| MODESTO JOSE ARDISANA | EFSTATHIA ANGELINE LAGOPOULOS |
| BARBARA ANN BECK | ROMWALDA LAVERNE LISSY |
| MARCELLE RAY BESTEDA | MARY VERA LODGE |
| MARILYN J. BISHOP | LILIAS FRASER MILNE |
| JOYCE ADOREE BONNEVILLE | JOSEPHINE ANNE MORAN |
| JEAN LIGHTFOOT BRINKMANN | GLORIA INEZ MORTON |
| CONCETTA TANZI BROWN | MARGARET ANN O'ROURKE |
| WINIFRED MEDORA CALES | DONNADEAN COLLEEN RAY |
| ESTHER L. COOPER | MARTHA ROBINSON |
| DOROTHY ELEANOR FRIDAY | CAROL YVONNE SCRIBNER |
| BACILIZA JULIA GARCIA | DOROTHY H. STUART |
| EVELYN JUANITA GRAVLEY | JOAN AUDREY TAGLIERE |
| VADONA GREGORY | DORIS YVONNE THOMAS |
| ANN ELIZABETH HARPER | DORIS WASHINGTON |
| HELEN MAE HARTWELL | JEAN CHRISTAL WHEELER |
| CASTELLA ST. CLAIR HESKAMP | FRANCES E. WILPULA |
| HAZEL ANN HUHNKE | DORIS ELAINE WOODS |
| ROSEMARY E. HUNTER | GLORIA ANN YOUNGREN |
| WILLA JOHNSON HYLER | OLGA ZDEBLICK |
| ROSALIE KILGORE JACKSON | FAY LANE ZELLER |

Degree of Bachelor of Science in Nursing*(Conferred September 15, 1951)*

MURIEL HELEN MOSS

(Conferred June 19, 1952)

*RACHEL BLISS, Graduate, Cook County School of Nursing, 1946

ROSA LILLIAN CARLSON, Graduate, Michael Reese Hospital School of Nursing, 1949

*NADINE JARRAND DAVIES, Graduate, Presbyterian Hospital School of Nursing, 1950

*LILA MAE DEPREE, Graduate, Presbyterian Hospital School of Nursing, 1949

*DOROTHY MARIE FOY, Graduate, St. Luke's Hospital School of Nursing, 1948

MARTHA M. KAWABE, Graduate, University of Illinois-Cook County School of Nursing, 1948

KATHLYN OPEL MCKENZIE, Graduate, University of Illinois-Cook County School of Nursing, 1945

*MILDRED JOAN MULDER, Graduate, Presbyterian Hospital School of Nursing, 1948

LAUREL NADINE MURPHY, Graduate, Presbyterian Hospital School of Nursing, 1949

*MARY JANE PETERS, Graduate, Michael Reese Hospital School of Nursing, 1950

* Successfully completed pre-nursing curriculum February 10, 1952.

COLLEGE OF PHARMACY**Degree of Bachelor of Science in Pharmacy***(Conferred December 22, 1951)*

BERNARD JOSEPH KRYSZAK

RILEY MYRON LAMBERT, A.B., Berea College, 1942

RICHARD JOHN RISTOW

FREMONT EARL SCHNEIDER

PAUL EDWARD SCHUESSLER

(Conferred March 29, 1952)

HAROLD LEO FATH

RUDOLPH JOSEPH JARABAK

(Conferred June 19, 1952)

FRANK CHARLES ALTMAIER

GEORGE CHARLES ANDREWS

WILLIAM JOHN ARKINS

LOUIS PAUL BARCHES

ZITA LORETTA BAUBKUS

HAROLD VINCENT BENHAM, B.S., 1936

RALPH EUGENE BERGGREN

CLARENCE HERMAN BERNARD

WILLIAM JAMES BICKET

WALTER EDWARD BLEILER, with Honors

ROBERT DANIEL BOND, B.S., Eastern

Illinois State College, 1948

JOHN JOSEPH BRENNER, JR.

MARK HILL BROOKS, JR.

LEWIS ALLEN COOKE

JOAN MARGARET CRIST

ROBERT LEWIS DECK

WILLARD JAMES DEES

NOEL CHARLES DICKS

JAIME WINSTON DIXON

JAMES ALBERT DWYER

LOUIS FEINMAN

JOHN THOMAS FINNEGAN

MATTHEW J. FIVASH

MORRIS HYMAN FRIEDMAN

ROBERT FRIEDRICH

SEYMOUR STUART GORDON

NORBERT JOSEPH GREBY

ALFRED STEPHEN GRINKEWICH

DAVID MICHAEL HACKER

GILBERT EUGENE HAGGENJOS

DONALD ROBERT HAYWARD

ALFRED HELLER, with Honors

ROBERT MARSHALL HEYMAN, with Honors

WILLIAM THOMAS HOGAN

KENNETH FRANCIS HOOD

GORDON FREDERICK HOWE

GEORGE ICHIBA

WANDA ELEANOR JAGODZINSKI

ROBERT WARREN JOHNSON

ROBERT GORDON KARRAKER

ALICE JOAN KIBLER

WILLIAM CLARKE KLECKNER

RAYMOND HERBERT KRAMER

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 University, 1949
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 PAUL EDWIN TUFO
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 STEVE C. YANNIAS
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 University of Vienna, 1942
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 JOHN ANTHONY ZIBRIDA
 NORMAN DALE ZILMER, with Honors

On motion of Mr. Grange, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

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INDEX

- Aaron, J. E., degree, 1241
 Aaron, R., degree, 801
 Abbenhaus, G. R., degree, 780
 Abberley, Dorothy E., degree, 1236
 Abbott, A. J., certificate, 841
 Abbott, D. H., degree, 802
 Abbott, E. T., degree, 1548
 Abbott, L. A., member of advisory committee, 1195
 Abbott, R. E., degree, 813
 Abbott, W. L., tribute, 641
 Abbott Laboratories, contract, 523, 1305, 1327
 change, 713, 769
 gift, 551, 1213, 1214, 1471
 purchase, 670
 stock, sale, 835
 Abbott Power Plant, contract, chimney, addition, 659
 compressed air equipment, 850
 Diesel engine house, piping, 658
 electrical equipment, 544
 fuel storage tank, 658
 generator, 436
 electrical equipment, release of funds, 606
 engineering services, preparation of consolidated drawings, 863
 turbine capacity, increase, appropriation, balance reappropriated, 39
 Abbott Power Plant Addition, contract, chimney, 25
 Diesel engine house, construction, 522
 piping system, 25
 addition, 495
 turbine generator, erection, 25
 piping insulation, 25
 intercommunication equipment, purchase, 557
 release of funds, 338, 433, 520, 541, 606
 Abdalla, I. S. E., degree, 1390
 fellowship, 1480
 Abdul-Baki, F. M., degree, 453
 Abelle, B. E., degree, 594
 Abels, D. L., degree, 1557
 Aberman, Natalie F., degree, 820
 Abernathie, J. W., degree, 799, 1543
 Abingdon School District, contract, 1207
 Abitante, P. A., degree, 1553
 Abplanalp, N. E., degree, 1251
 Abraham, Betty C., degree, 819
 Abraham, J., degree, 802
 Abrahams, F. W., degree, 587
 Abrahams, J. L., certificate, 527
 Abrahamson, Margaret, appointment, 358, 1186
 Abrams, B. L., degree, 823, 1573
 Abrams, J., degree, 1557
 Abramson, A. L., degree, 1571
 Abramson, D. L., appointment, 353, 1181
 Abramson, S. M., degree, 410
 Abromovich, P. A., degree, 820
 Abromowitz, Ada, appointment, 224, 1061
 resignation, 1279
 Abruzzo, B. L., degree, 1563
 Absences, nonacademic employees, regulations, 1438
 Academic and administrative budget, Chicago
 Professional Colleges, 197, 1032
 Chicago Undergraduate Division, 237, 1076
 Urbana-Champaign departments, 58, 891
 Academic ranks, Army, Navy, and Air Force personnel, 1337
 Academic staff, retiring members, recognition, 1503
 Academic work, nonacademic employees, regulations, 1431
 ACA Gallery, purchase, 711
 Accident Compensation Committee, claim of A. Fitzgerald, recommendation, 1309
 Accountancy, Board of Examiners in, appointment of J. A. Velde, 1254
 members, appointment, 1490
 membership, 1295
 resignation of R. H. Grosse, 1490
 Accountancy, curriculum, revisions, 490
 fellows, 676, 1479
 See also Business Organization and Operation.
 Accountancy Act, administration, regulations, copy filed with Secretary of State, 1497
 amendment, 1293
 provision for examination under section 4 (b) unconstitutional, 664
 Accountancy Committee, budget, 62, 895
 C.P.A. certificates, award, 41, 380, 430, 488, 527, 535, 603, 707, 841, 1178, 1254, 1292, 1328, 1337, 1357, 1407, 1490, 1507
 form, revisions, 1299
 C.P.A. examinations, rules and regulations, recommendations, 1294
 functions, 1294
 Accounting machine, purchase, Housing Division, 558
 Illini Union Bookstore, 525
 Acer, D. W., Jr., degree, 597
 Achor, Mrs. Ethel, appointment, 1148
 Achuff, Q. G., degree, 1239
 Acids, purchase, 502, 852
 research, contract, 523, 1327
 Acker, D. S., degree, 1533
 fellowship, 677
 Acker, Geraldine E., appointment, 110, 120, 943, 953
 Ackerman, C. J., degree, 809
 Ackerman, F., degree, 589
 Ackerman, M. L., III, degree, 589, 1537
 Ackerman, P., degree, 409
 Ackermann, W. O., Jr., degree, 586
 Ackman, R. L., degree, 797
 Acme Coal Co., purchase, 31, 853
 Acme Visible Records, Inc., purchase, 342
 Acoustical Floor Tile Co., contract, 658
 Acoustical work, Smith Music Hall and Stiven House, contract, 658
 ACTH, gift for purchase, 1219
 Acuff, Dorothy E., degree, 1557
 Adams, A. F., Jr., degree, 803
 Adams, C. L., degree, 820
 Adams, C. L., Jr., degree, 1536
 Adams, C. R., degree, 1240
 Adams, Mrs. Catharine D., appointment, 42, 389, 692, 869, 1223
 degree, 413
 Adams, Dorothy A., degree, 1252
 Adams, E. F., degree, 1241
 Adams, F. F., degree, 822
 Adams, G. D., appointment, 133
 resignation, 513
 Adams, H. W., fellowship, 1483
 Adams, J. A., degree, 585
 Adams, J. G., degree, 1570
 fellowship, 401, 1231, 1278, 1351
 declination, 1279
 Adams, J. H., degree, 800
 Adams, L. A., appointment, 87, 920
 Adams, L. E., degree, 1573
 Adams, Lucile, degree, 1566
 Adams, Mrs. Marie R., appointment, 210, 229, 1042
 resignation, 1530
 Adams, Mary E., degree, 1389
 Adams, R., appointment, 71, 905
 Adams, R. E., degree, 584
 Adams, R. J., appointment, 358, 1187
 Adams, R. M., degree, 450

- Adams, W., appointment, 318
 Adams, W. A., degree, 795
 Adams, W. W., resignation, 402
 Adams Fund, budget, 114, 274, 947, 1111
 Adamson, Lucile F., appointment, 110, 944, 948
 resignation, 1530
 Adamstone, F. B., appointment, 87, 920, 1456
 Adaptometer, Psychology, purchase, 672
 Adesso, Mrs. Ruth M., appointment, 320, 1159
 Addiego, Beverly R., degree, 419
 Addison, A. A., degree, 594
 Additional Cooperative Fund, Agriculture, budget, 118, 951
 Addressing machine, purchase, Extension Service in Agriculture and Home Economics, 613
 Mailing Center, 613
 Addressograph equipment, Research and Educational Hospitals, appropriation, 492
 balance reappropriated, 1199
 Addressograph-Multigraph Corp., purchase, 502, 710
 Addressograph Sales Agency, purchase, 30, 613
 Adedeji, L. A., degree, 1546
 Adelman, S., degree, 816
 Adelson, M., degree, 408, 1535
 Adkins, L. O., Jr., degree, 579
 Adkins, O. R., Jr., degree, 815
 Adkins, R. W., degree, 588
 Adler, Betty, II, degree, 816
 Adler, F. J., degree, 584
 Adler, Georgia M., degree, 827
 Adler, S., painting, purchase, 1466
 Administration Building, remodeling, appropriation, 366
 balance reappropriated, 39, 1198
 contract, 503, 1462
 adjustment, 524, 561, 610, 611, 713, 770, 865, 1209, 1264, 1306, 1328, 1345, 1361, 1417, 1495
 roof, appropriation, 366
 contract, 545
 Administrative employees, nonacademic, regulations, 1440
 Admission requirements, curriculum preparatory to teaching in elementary schools, 538
 Dentistry, change, 1321
 Engineering, changes, 761
 industrial design curriculum, change, 1460
 Law, changes, 761
 Medicine, policy, 1255
 music education, program for advanced certificate, 1512
 musicology graduate program, 1507
 nonresidents, 1323
 nursing curriculum, 1510
 recreation graduate program, 1509
 Admissions, Research and Educational Hospitals, budget, 226, 316, 1063, 1154
 Admissions and Records Office, appropriations, balances reappropriated, 37
 budget, Chicago Professional Colleges, 198, 306, 1034, 1143
 Chicago Undergraduate Division, 239, 330, 1078, 1172
 Urbana-Champaign departments, 62, 260, 894, 1096
 purchase, diploma covers, 31, 1263
 diplomas, 31
 Admissions from Secondary Schools, Committee on, budget, 62, 261, 895, 1097
 Admitting Clinic, budget, 216, 313, 1052, 1150
 Adolph, R. J., degree, 823, 1573
 Advanced Certificate, music education, 1512
 Advertising, scholarship, gift, 1210
 Advertising Executives Club of Chicago, gift, 1210, 1467
 Advisory committees, Agriculture, 1194
 Commerce, 36
 resignation of W. Blackie, 483
 Labor and Industrial Relations, 1195
 Pharmacy, 430, 1255
 Services for Crippled Children, 562
 Veterinary Medicine, 365, 1195
 Aermotor Co., stock held by University, liquidation, plan, 567
 Aeromedical and Physical Environment Laboratory, budget, Chicago, 224, 315, 1061, 1153
 Urbana, 137, 284, 972, 1120
 centrifuge, appropriation, 611
 purchase, air-conditioning equipment, 30
 centrifuge, 670
 oscillograph, 558
 remodeling, appropriation, 23
 Aeronautical Engineering, budget, 122, 277, 956, 1113
 summer session, 688
 curriculum, changes, 1410
 purchase, fuel oil, 375
 interferometer glass, 344
 pipe, 524
 scholarships, gift, Air Foundation, Inc., 1457
 Aeronautical Laboratory A, name, 462
 Aeronautical Laboratory B, name, 462
 Afeld, D. J., degree, 820
 Afremow, M. L., appointment, 353, 1181
 Aftandilian, V. D., fellowship, 1480
 Aftergut, S., certificate, 1407
 Agase, H. D., degree, 1399
 Agase, L., appointment, 389, 995
 degree, 411
 Agate, G. H., appointment, 546, 898, 982
 Agers, Mrs. Helen L., appointment, 264
 Agnello, E. J., fellowship, 46
 Agranoff, Jean R., degree, 592
 Agricultural buildings, construction and remodeling, release of funds, 338, 654
 Agricultural Economics, advisory committee, 1194
 Allerton farms, painting and minor repairs, 344
 budget, 94, 269, 927, 1105
 summer session, 688, 1444
 farm record books, printing, 341, 710, 1520
 fellows, 676, 1479
 Agricultural Education, budget, 143, 285, 979, 1121
 fellows, 1479
 master's degree, 1255
 Agricultural employees, work schedule, change, 705
 Agricultural Engineering, advisory committee, 1194
 appropriations, balances reappropriated, 1197
 budget, 96, 269, 930, 1106
 summer session, 688, 1444
 curriculum, changes, 1410
 fellows, 676, 1479
 gift, research, 550, 1470
 scholarship, Lincoln, J. F., Arc Welding Foundation, 547, 1211
 income, appropriation, 856
 limestone and rock phosphate, purchase, 614
 truck, appropriation, 655
 purchase, 671
 Agricultural Engineering Annex, contract, electrical work, 847
 general work, 847
 heating, 847
 plumbing, 847
 ventilating, 847
 Agricultural Engineering Building, addition, engineering services, contract, 836
 fire protection and safety improvements, appropriation, 655, 1413
 balance reappropriated, 1198
 contracts, 1414

- Agricultural Engineering Research Laboratory, steam service piping, contract, 1496
- Agricultural Experiment Station, appropriations, balances reappropriated, 37
- associate director, appointment, 652
- automobiles, purchase, 671
- budget, 88, 268, 922, 1104
- federal funds, additional, allocation, 520
- Agricultural Extension Service, *See* Extension Service in Agriculture and Home Economics.
- Agricultural gardener, work schedule, change, 705
- Agricultural research, revolving account, 93, 926
- Agriculture, bachelor's degree, 1255
- Agriculture, College of, advisory committees, 1194
- appropriation, apparatus for crop conditioning research, 521
- balances reappropriated, 37, 1197
- equipment, 521, 546, 1512
- feed lot, 339
- income, 856, 1300, 1340
- motor analyzer, 521
- remodeling, 546
- truck, 339
- budget, 88, 268, 922, 1104
- degrees conferred, 417, 585, 797, 1247, 1286, 1393, 1548
- pamphlets on better farming, printing, 500
- purchase, automobiles, 376, 1291
- combine, 524
- electrical supplies, 558
- fence, 440
- lumber, 439
- paper, 31
- tractor, 376, 524
- truck, 376
- wiring devices, 557
- Reardon scholarship, funds received, 1467
- scholarships, gift, Borden Company Foundation, Inc., 1467
- Chicago Farmers, 547, 1210
- Gulf, Mobile and Ohio Railroad Co., 1210, 1467
- Hackett, Mrs. Jessie E., 372
- Kroger Co., 547, 1210
- Lincoln, J. F., Arc Welding Foundation, 547
- National Association of Thoroughbred Breeders, 1211
- Ruhm Phosphate & Chemical Co., 548
- Sears-Roebuck Foundation, 548, 1211
- short courses, fees, 1220
- Agriculture Committee, Cook County Experiment Station, sale, recommendation, 565
- hearings in support of a Home Economics Building, 429
- report, 504
- members, 602, 1405
- Olney Agricultural Experiment Farm, sale, 496
- recommendation, 564
- participation of farm and home advisers in Retirement System, report, 566
- Agronomic species, utilization on strip-mined areas in Illinois, research, gift, 550
- Agronomy, advisory committees, 1194
- appropriations, balances reappropriated, 37, 365, 1197
- budget, 98, 270, 931, 1106
- fellows, 676, 1479
- gift, research, American Cyanamid Co., 1213, 1469
- Chapman Chemical Co., 1469
- Columbia-Southern Chemical Corp., 1469
- Dow Chemical Co., 1469
- Illinois Seed Producers Association, 550, 1469
- Midwest Barley Improvement Association, 1213
- trailer, 1214
- Agronomy, cont'd
- head of department, appointment, 736
- income, appropriation, 856
- purchase, combine, 712
- laboratory furniture, 615
- microscopes, 375
- soil maps of Menard County, 1305
- spectrograph, 375
- trailer, 766
- truck, 671
- spectrographic analysis equipment, appropriation, 435
- Agronomy Greenhouse, partitions, purchase, 376
- remodeling, appropriations, balances reappropriated, 38
- Ahern, G., degree, 1571
- Ahern, R. E., appointment, 129
- declination, 448
- Ahl, O., certificate, 1337
- Ahlbeck, H. A., degree, 421
- Ahles, H. E., appointment, 265, 1101
- Ahlif, L. R., certificate, 380
- Ahlquist, R. H., degree, 814
- Ahlrich, R. E., degree, 1237
- Ahmad, R., fellowship, 1479
- Ahrendt, A. P., degree, 803
- Ahrens, Dolores F., degree, 812
- Ahrens, E. A., appointment, 85, 918, 1454
- Ahrens, K. R., degree, 596
- Aidem, H. P., degree, 1557
- Aiello, Mrs. Fannie M., appointment, 328
- Aine, Helen E., degree, 808
- Ainsworth, Irene K., degree, 1543
- Air circulation under reduced barometric pressure, research, contract, 378
- Air compressor, Abbott Power Plant, contract, 850
- Physical Plant, appropriation, 492
- purchase, 525
- Air conditioning, Animal Sciences Laboratory, contract, addition, 715
- Dentistry-Medicine-Pharmacy Building, experimental quarters, contract, 771
- medical betatron, appropriation, 655
- contract, 658
- Natural History Building, appropriation, 1259
- contract, 1259
- Radiocarbon Laboratory, contract, 638
- Research and Educational Hospitals, contracts, 471
- Air-conditioning equipment, purchase, Aero-medical and Physical Environment Laboratory, 30
- Office Supply Store, 712
- Physical Environment Laboratory, 613
- Physics, 768
- Aircraft Replacements Account, budget, 1013
- Air duct systems, study, contract, 1360
- Air Force, contract, 378, 440, 560, 1206, 1207, 1327, 1464, 1521
- change, 561, 610, 713, 1208, 1328, 1344, 1464, 1465
- officers assigned to duty at University, academic ranks, 1337
- patent rights, ceramic coating materials, 854
- Air Force Science, budget, 177, 293, 1012, 1129
- Chicago Undergraduate Division quarters, remodeling, appropriation, 1324
- contract, 1517
- uniforms, purchase, 1263, 1495
- Air Foundation, Inc., gift, 1467
- Airplanes, purchase, Aviation, 31, 342, 376, 468, 502, 1344
- Psychology, 341
- Airport, air line service, contract, 495, 846
- schedule of charges, 496, 846
- appropriations, balances reappropriated, 38, 1197
- Burt house, lease, 1208

- Airport, cont'd
 corridor connecting Quonset buildings, purchase, 468
 hangar space for Army, lease, 441
 improvements, appropriation, 434
 contract, authorization, 838
 federal funds, application, 640
 grant offer, acceptance, 858
 maintenance of access road, responsibility, agreement, 839
 parking area, resurfacing, 767
 revolving account, 178, 1013, 1130
 snack bar, lease, 1208, 1464
- Air-Shields, Inc., purchase, 1416
- Aitchison, Hazel E., degree, 414
- Aitken, W., appointment, 697
- Akagi, M. J., degree, 809
- Akamine, R. N., degree, 1569
- Akamine, Mrs. Thomie, appointment, 1040
- Akers, J. D., degree, 825
- Akes, C. D., degree, 825
- Akin, E. M., degree, 812
- Akre, O. H., appointment, 354, 1182
- Aksel, S. K., degree, 1551
- Akyol, F. Z., degree, 583
- Alajouanine, T. A., appointment, 1333
 honorary degree, 1476, 1568
- Alayu, Ethel M., degree, 805
- Alban, C. W., & Co., purchase, 439, 854
- Albaum, P., degree, 589
- Albee, M. C., degree, 1401
- Albers, H. O., appointment, 305, 1141
 authority, sign name of Comptroller on withdrawals from Dentistry, Medicine, and Pharmacy Construction Fund Account, 666
 sign name of President of Board, 602, 1404
- Albert, Ada L., degree, 1389
- Albert, R. M., fellowship, 680, 1484
- Alberti, F., appointment, 243, 1082
- Alberts, D. J., appointment, 303, 1139
- Alberts, Mrs. Elaine E., appointment, 277
- Alberts, J. O., appointment, 113, 163, 947, 998
- Alberts, R. J., certificate, 488
- Albertson, J. K., appointment, 157, 175
- Albertson, L., Jr., degree, 423
- Albig, J. W., appointment, 84, 166, 506, 918, 1001
- Albin, M. D., degree, 586
- Albrecht, R. C., degree, 1401
- Albright, Mrs. Betty, appointment, 1168
- Albright, Harriet M., appointment, 10, 1307
- Albright, W. G., appointment, 126, 961
- Alde, R. R., degree, 1550
- Alden, Priscilla R., degree, 1554
- Alderson, C. R., degree, 790
- Alderson, J. J., degree, 1547
- Alderson, J. T., degree, 1548
- Alderson, R. E., degree, 1247
- Alderson, Vera L., degree, 1556
- Alderson, W. S., degree, 813
- Aldous, Shirley A., degree, 592, 1246
- Aldrich, Marguerite, appointment, 332
- Aldrich, P. H., discovery, patent rights, re-lease, 337
- Alessio, Gloria A., degree, 822, 1571
- Alessio, S. A., degree, 1542
- Alexander, A. W., degree, 587
- Alexander, Arlene N., degree, 825
- Alexander, Mrs. Betty J., appointment, 268
- Alexander, D. A., degree, 1561
- Alexander, E. R., appointment, 72
- Alexander, F., appointment, 211, 1047
- Alexander, J., appointment, 77, 910
- Alexander, J. C., fellowship, 676
 declination, 683
- Alexander, J. D., appointment, 100, 934
 degree, 788
- Alexander, Mrs. Leona, appointment, 287, 1123
- Alexander, M. H., appointment, 104, 938
- Alexander, M. O., appointment, 360
- Alexander, Martha M., appointment, 332
- Alexander, R. A., degree, 1554
- Alexander, R. S., degree, 819
- Alexander Lumber Co., contract, 1359, 1462
 withdrawal, 1496
- Alfalfa meal, use in swine nutrition, study, contract, 33
 change, 1208
- Alford, O. N., degree, 1539
- Alford, W. W., certificate, 41
- Algee, J. A., degree, 790
- Alkyl carbonates, research, gift, 552
- Allare, J. E., certificate, 41
- Allaway, Helen B., degree, 589
- Allaway, W. H., degree, 1237
- Alleman, Mrs. Winifred M., appointment, 389, 1020
- Allen, A. D., certificate, 41
- Allen, A. W., appointment, 123, 956
- Allen, Alice R., degree, 1560
- Allen, Mrs. Ann, appointment, 303, 1139
- Allen, C. B., degree, 417, 788
- Allen, C. M., appointment, 150, 985
 book, printing, 377
- Allen, C. R., degree, 1564
- Allen, E. D., appointment, 356, 1185
- Allen, E. Y., degree, 1393
- Allen, Eleanor M., degree, 1541
- Allen, Elizabeth T., degree, 584
- Allen, F. B., degree, 580
- Allen, H., Jr., degree, 411
- Allen, H. K., appointment, 140, 691, 975, 1491
- Allen, H. R., appointment, 444, 530
- Allen, H. T., degree, 423
- Allen, H. W., degree, 578
- Allen, Hazel, appointment, 281, 1117
- Allen, J., appointment, 156, 186, 1004, 1021
- Allen, J. A., degree, 1241
- Allen, J. C., degree, 793
- Allen, J. D., degree, 423
- Allen, J. H. D., appointment, 85, 919, 1454
- Allen, J. L., appointment, 1459
- Allen, J. R., degree, 419
- Allen, J. S., appointment, 132, 967
- Allen, K. W., degree, 576
- Allen, L., Jr., degree, 1301
- Allen, L. H., degree, 1244
- Allen, Mrs. Mabel C., appointment, 284, 1120
- Allen, Marilyn R., degree, 596
- Allen, Martha N., degree, 1564
- Allen, Maryanne, appointment, 321
- Allen, Mrs. Mildred G., appointment, 295
- Allen, P. R., appointment, 1270
- Allen, P. S., degree, 820
- Allen, R. L., appointment, 1186
- Allen, Ruth A., degree, 411
- Allen, T. A., degree, 1551
- Allen, T. D., appointment, 357, 1186
- Allen, T. R., appointment, 332
 discharge, 4
 hearing committee, report, 4
- Allen, W. R., appointment, 243
- Allen, W. T., degree, 812
- Allen-Bradley Co., purchase, 500, 1205
- Aller, A., degree, 800
- Allergy gift fund, addition, 556
- Allerton, R., gift, 1210, 1214, 1467, 1471
- Allerton Farms, easement for construction of pipe line, 563
 request, 483
 painting and minor repairs, 344
- Allerton House, paintings by Rainey Bennett, gift, 1471
 portraits, gift, 1214
- Allerton Park, See Robert Allerton Park.
- Alles, J. R., degree, 1553
- Allgor, C. B., certificate, 1490
- Allied Chemical & Dye Corp., gift, 548, 1468
 purchase, 502
- Allied Radio Corp., purchase, 344, 1205

- Allis-Chalmers Manufacturing Co., contract, 369
 license, manufacture of betatrons under Kerst patent, 862
 purchase, 558
 Allison, Mrs. Constance F., appointment, 264, 1103
 Allison, J. M., degree, 809
 Allison, J. W., degree, 797
 Allison, O., Jr., degree, 1397
 Allsup, T. T., certificate, 1328
 Allyn, A. C., & Co., Inc., bond issue for Men's Residence Halls, 1356, 1362
 Almburg, J. W., degree, 797
 Almeida, A. L. de, degree, 1570
 Almquist, C. O., appointment, 363, 1192
 Almy, G. M., appointment, 131, 506, 519, 643, 966, 1193, 1223
 Almy, Gertrude T., appointment, 773
 degree, 1537
 Aloe, A. S., & Co., purchase, 564, 767, 837, 852, 1416, 1520
 Alongi, A. J., degree, 788
 Alongi, P. P., degree, 1561
 Alper, H., degree, 816
 Alpern, P. I., certificate, 1328
 Alpert, J., certificate, 1407
 Alpha Electric Refrigeration Co., purchase, 502
 Alpha Gamma Delta Sorority, gift, 548
 Alpha Phi Omega, Alpha Alpha Chapter, gift, 1210
 Alrutz, R. W., degree, 1282
 Alrutz, Mrs. Wilma M., appointment, 266
 Alseith, Hilda J., appointment, 168, 185, 1004, 1020
 Alsip, J. F., degree, 585
 Alt, W. S., & Son, contract, 770
 Altamar, A., degree, 784
 Altazan, J. E., fellowship, 679, 1482
 Altenberg, Helen I., appointment, 1169
 Altgeld Hall, remodeling, appropriations, balances reappropriated, 39
 transformer vaults, modernization, contract, 564
 release of funds, 540
 Althoff, J. F., degree, 1398
 Althoff, Jeannette M. C., degree, 422
 Altieri, Rose A., appointment, 1157
 Altitude effect on simulated pathological conditions, research, contract, 378
 Altmaier, F. C., degree, 1576
 Altman, B. E., degree, 811
 Altman, S., degree, 818
 Altschul, S., appointment, 362, 1190, 1525
 Altschuller, H., degree, 1557
 Altschuller, Lilly W., degree, 591, 1388
 Aluminum Sales Products, contract, 764
 Alumni Association, paper, purchase, 340, 440, 710, 767, 1344
 services to Athletic Association, payment, 491, 1200
 Alumni Committee, members, 602, 1405
 Alumni records, improvement, appropriation, 706
 Alumni Relations and Records, budget, 171, 291, 1006, 1127
 Alvarez, M. C., appointment, 1476
 Alvarez, W. C., appointment, 643, 1181
 Alver, R. J., degree, 455
 Alverson, Shirley A., degree, 1560
 Al-Zubaidi, H. I., degree, 1570
 Amacher, H. C., appointment, 1223
 Amado, D. E., degree, 805
 Amador, L. V., appointment, 42, 356, 1041, 1312
 leave of absence, 778
 Amberg, Mrs. Ruth A., appointment, 264
 Ambrose, J. L., degree, 594
 Ambrose, R. H., appointment, 363
 resignation, 572
 Amdal, D. O., degree, 424
 American Abrasive Metals Co., contract, 1264
 American Bank Note Co., bid, 622
 American Cancer Society, Inc., gift, 550, 554, 1213, 1216
 American Cyanamid Co., contract, 378, 469
 change, 561, 1464
 gift, 548, 1165, 1167, 1213, 1215, 1469
 American Dehydrators Association, contract, 33
 change, 1208
 American Federation of Arts, contract, 378, 1305
 American Gas Association, contract, change, 561, 1360
 gift, 550
 American Heart Association, Inc., gift, 554, 1216
 American Hereford Association, contract, 33
 American Hospital Supply Corp., gift, 551
 purchase, 837, 1416
 American Instrument Co., Inc., purchase, 341, 524, 669
 American Iron & Steel Institute, contract, change, 668, 1464
 American Laundry Machinery Co., purchase, 439
 American Legion Auxiliary, Department of Illinois, gift, 1467
 American Machine & Metals, Inc., purchase, 377, 767
 American Medical Association, gift, 554, 1472
 American Motorists Insurance Co., purchase, 33
 American Optical Co., contract, 1261
 American Red Cross, gift, 1216
 American Seating Co., purchase, 524
 American Society of Heating and Ventilating Engineers, contract, change, 1464
 gift, 554, 1216
 American Sterilizer Co., purchase, 499, 525, 558, 837, 1206
 American Telephone & Telegraph Co., purchase, 30, 568, 613, 853, 1291
 American Tobacco Co., stock, sale, 835
 American Tradition Conference, grant from Rockefeller Foundation, 1419
 Amerman, Nedra R., degree, 1559
 Ames, W., insurance purchased, 614
 member of advisory committee, 36
 Amesbury, Constance, appointment, 9
 Amino acids, research, 550, 551
 gift, contract, change, 1344
 Amling, W. E., member of advisory committee, 1195
 Ammann, P. J., appointment, 1127
 Ammerman, C. B., fellowship, 1529
 Ammonia, liquid, electrochemistry in, study, 610
 Ammons, H. A., degree, 1546
 Amos, R. W., degree, 589
 Amplifier, Zoology, purchase, 853
 Ams, J. E., degree, 802, 1542
 Ams, Mary V., degree, 1560
 Amsbary, Mrs. Frances W., appointment, 261, 1097
 Amsbary, G. S., appointment, 170, 1005
 Amstein, Carolyn, appointment, 11
 Amtman, L. E., appointment, 353, 1181
 Amundsen, Helen L., appointment, 11, 1308
 Amundson, G. L., appointment, 1476
 Amuro Products Co., gift, 1215
 Anaconda Wire & Cable Co., purchase, 559
 Analgesic drugs, research, gift, 552
 Anast, G. T., degree, 1249
 Anastopoulos, B., appointment, 205, 1039
 Anatomy, appropriations, balances reappropriated, 39, 1199
 equipment, 1359
 locker rehabilitation, 655
 microscope, 476
 remodeling, 1324
 budget, 201, 307, 1037, 1144

Anatomy, cont'd

- clinical faculty, 352, 1180
head of department, appointment, 650
research, gift, 555
teaching methods, improvement, gift, 1473
Anatomy and Histology, Veterinary, budget, 997
Andariese, Mrs. Jeanne A., appointment, 1173
Anderlik, Mrs. Barbara C., appointment, 444
resignation, 731
Andermann, R. E., degree, 1566
Anders, P. H., degree, 809
Andersen, Mrs. Alice, appointment, 310, 1146
Andersen, B. W., degree, 584
Andersen, C. H., degree, 1393
Andersen, Mrs. Charlotte A., appointment, 1121
Andersen, H. E., Jr., degree, 1389
Andersen, H. M., degree, 1564
Andersen, J. A., Jr., degree, 1557
Andersen, Joy, appointment, 314
Anderson, A. F., degree, 817
Anderson, A. G., appointment, 138, 689, 974, 1445
Anderson, A. T., appointment, 95, 117, 506, 928, 950
Anderson, A. W., appointment, 145, 692, 980, 1447
leave of absence, 1408
change, 1507
Anderson, Anne V., degree, 1554
Anderson, B. C., degree, 1395
Anderson, B. E., degree, 423
Anderson, B. T., degree, 1400
Anderson, B. W., appointment, 300, 1136
Anderson, Mrs. Barbara A., appointment, 1097
degree, 1249
Anderson, Barbara J., degree, 1554
Anderson, C. A., appointment, 333, 1175
Anderson, C. D., appointment, 213, 1193, 1223
Anderson, C. E., degree, 418
Anderson, C. R., appointment, 75, 908
Anderson, C. V., degree, 593
Anderson, D. C., degree, 1557
Anderson, D. E., degree, 801
Anderson, David R., degree, 790
Anderson, Donald R., degree, 417
Anderson, Mrs. Dana L., appointment, 1122
Anderson, Doris A., appointment, 260
Anderson, Mrs. Dorothy, appointment, 1153
Anderson, E., appointment, 1134
Anderson, E. B., degree, 588
Anderson, E. D., degree, 1556
Anderson, E. F., degree, 1394
Anderson, Estelle G., degree, 805
Anderson, Esther M. L., degree, 1250
Anderson, G. D., degree, 1570
Anderson, G. E., degree, 1553
Anderson, G. F., appointment, 146, 983
Anderson, Gilbert W., degree, 424
Anderson, Gordon W., degree, 802
Anderson, H. E., degree, 803, 1545
Anderson, H. O., Jr., degree, 407
Anderson, H. W., appointment, 111, 506, 945
Anderson, Hilda, appointment, 321
Anderson, Mrs. Hollis P., appointment, 444, 1018
resignation, 1232
Anderson, Isabel, appointment, 320
Anderson, J. A., degree, 1395
Anderson, John C., degree, 803
Anderson, Joshua C., appointment, 100, 933
Anderson, J. D., appointment, 82, 698, 915
Anderson, J. F., degree, 414
Anderson, J. Gilman, degree, 784
Anderson, Jack Garrett, degree, 1398
Anderson, J. H., degree, 1391
Anderson, J. M., appointment, 1376
Anderson, Jack Roger, degree, 1557
Anderson, Jack Ronald, degree, 597
Anderson, John R., appointment, 362, 389, 1191
Anderson, Jeanne E., appointment, 332
Anderson, Joyce L., degree, 1396
Anderson, Karine E., degree, 809
Anderson, L., appointment, 272, 1108
Anderson, L. C., degree, 1236
Anderson, L. H., degree, 1551
Anderson, L. R., appointment, 270, 1106
Anderson, L. W., appointment, 1223
degree, 793
Anderson, Lenore J., degree, 809
Anderson, Lois K., degree, 809
Anderson, Mrs. Louise C., appointment, 1103
Anderson, Mrs. Margaret, gift, 547
Anderson, Margaret I., appointment, 224
resignation, 402
Anderson, Mildred E., degree, 1554
Anderson, R. B., degree, 797
Anderson, Richard C., fellowship, 1483
declination, 1486
Anderson, Robert C., degree, 589
Anderson, Richard D., degree, 1554
Anderson, Roger D., degree, 586
Anderson, Ralph Edward, degree, 588
Anderson, Raymond Edward, degree, 585, 1543
Anderson, Raymond Eugene, appointment, 293, 1129
Anderson, Robert Earl, degree, 1561
Anderson, Roger Edward, degree, 809
Anderson, Roy Edward, certificate, 1328
Anderson, Roy Eugene, degree, 1395
Anderson, R. G., degree, 823, 1573
Anderson, R. J., Jr., degree, 589
Anderson, R. L., degree, 1397
Anderson, R. P., fellowship, 677
declination, 731
Anderson, R. T., appointment, 269, 1105
Anderson, Raymond W., appointment, 268, 1105, 1109
Anderson, Robert W., appointment, 1526
degree, 1394
Anderson, Mrs. Ruth C., appointment, 389, 897, 1028
Anderson, Ruth M., appointment, 255, 1092
Anderson, T. E., Jr., degree, 580
Anderson, T. H., degree, 1394
Anderson, T. O., Jr., degree, 1569
Anderson, T. W., certificate, 1328
Anderson, V. E., appointment, 274, 1110
Anderson, W., scholarship, gift, 547
Anderson, William Albin, certificate, 41
Anderson, William Arthur, degree, 803
Anderson, W. D., degree, 1557
Anderson, W. F., degree, 801
Anderson, W. R., appointment, 247, 702, 1086, 1423
Anderson Electric, Inc., bid, 667
contract, 25, 368, 493, 527, 564, 640, 848
addition, 345
adjustment, 523, 561, 610, 668, 713, 770, 865, 1209, 1264, 1306, 1328, 1345, 1361, 1417, 1465, 1495, 1521, 1522
electrical work in Illini Hall, bid, with-drawn, 493
Ando, T., appointment, 328
Andracki, E. G., degree, 809
Andrade, Raquel, degree, 1537
Andrejasich, F. H., degree, 801
Andreas, J. A., degree, 584, 1548
Andres, G. A., degree, 593
Andresen, R. H., appointment, 360, 1189
Andrew, C. C., appointment, 299, 1135
Andrew, F. W., appointment, 97, 117, 930, 950
Andrews, A. C., Jr., degree, 580
Andrews, A. H., Jr., appointment, 359, 1187
Andrews, A. I., appointment, 122, 956
Andrews, Alice M., appointment, 1131
Andrews, C. B., degree, 594
Andrews, G. C., degree, 1576
Andrews, H. L., appointment, 74, 907
Andrews, Helen R., appointment, 64
declination, 402

- Andrews, J. B., appointment, 94, 117, 928, 950
 Andrews, Mrs. Marian, appointment, 329, 1169
 Andrews, Norma J., appointment, 296, 1132
 Andrews, O. L., Jr., appointment, 1270
 Andrews, R. L., degree, 417
 Andruss, L. J., Jr., degree, 597
 Anell, Esther W., appointment, 184, 1019
 Anesthesia, clinical faculty, 364, 1193
 research, gift, 552, 553, 1215, 1216, 1471
 Anesthetic drugs, investigation of, gift, 1216
 Ang, Choh-Yi, appointment, 1498
 Ang, Lucille N., degree, 1244
 Angelillo, Jeanette, appointment, 324, 1166
 Angell, J. S., appointment, 357
 Angelo, V., degree, 1570
 Anglemier, O., Jr., degree, 1401
 Anglin, F. W., appointment, 1110
 Animal Genetics, building to house small animals, appropriation, 1259
 contract, 1260
 Animal Genetics Building, addition, appropriations, balances reappropriated, 39
 Animal Hospital, appropriations, balances reappropriated, 40, 1199
 cages, 1324
 equipment, 23, 476
 microtome, 521
 autoclave, purchase, 525
 budget, 202, 307, 1033, 1141
 safelites, purchase, 767
 Animal Nutrition, fellows, 676, 1479
 furniture, purchase, 469
 Animal nutrition, study, contract, 668
 Animal Science, advisory committee, 1194
 appropriations, balances, reappropriated, 1197
 chilling room, 654
 income, 856
 paving area west of swine barn, 435
 truck, 339, 667
 budget, 101, 270, 935, 1106
 fellows, 677, 1479
 fellowship, gift, Ralston Purina Co., 1212
 purchase, autoclave, 499
 bulls, 341
 cages, 615, 669
 chairs, 838
 collector, 467
 heifers, 343, 377
 kneading and mixing machine, 669
 laboratory equipment, 467, 525
 laboratory furniture, 557
 lambs, 376, 1206
 microscope, 524
 refrigerators, 439
 steel building for South Farm, 1343
 steers, 669, 1416
 truck, 341, 712
 research, gift, 1213, 1214
 Animal Sciences Laboratory, area for study of stars and planets, construction, appropriation, 611
 appropriations, balances reappropriated, 1198
 contract, 660
 construction, release of funds, 654
 contract, air conditioning, addition, 715
 architectural services, addition, 465
 electrical work, addition, 495
 equipment, additions, 1346
 gas service, 463
 general work, addition, 371, 545
 landscaping, 1203, 1517
 plumbing, addition, 370
 refrigeration work, addition, 473
 steam service, 339
 utilities distribution system, 26
 ventilation, addition, 715, 850
 operation, appropriations, request, 384
 Animal Sciences Laboratory, cont'd
 purchase, bookcases, 852
 cabinets, 853
 chairs, 524, 838
 furniture, 469, 557
 Venetian blinds, 671
 Animal sheds, Zoology, appropriations, balances reappropriated, 365
 Anison, G., resignation, 402
 Ankrum, E. T., degree, 1567
 Annable, Patricia C., appointment, 694, 1450
 Anner, G. E., appointment, 1506
 Annis, R. W., appointment, 127
 Ansel, R. E., degree, 591
 Ansley, R. J., degree, 1571
 Ansporn, B. W., certificate, 771
 Antacid compounds, research, gift, 1215
 Ante, Marie C., appointment, 9
 Antenna Research Laboratory, Inc., purchase, 852
 Anthony, P. F., degree, 589
 Anthropology, fellows, 682
See also Sociology and Anthropology.
 Anti-asthmatic drugs, research, gift, 1215
 Antibacterial substances, study, contract, 769
 Antibiotics, study, contract, change, 713
 Anticonvulsant substances, research, study, 1214, 1464
 Antihistaminics, research, gift, 1213
 Antimalarial drugs in rheumatoid arthritis, research, gift, 1214
 Antimonik, Vera R., degree, 805
 Antirenin, research, patent, release, 518
 Antman, M., degree, 1557
 Antoniou, A. A., degree, 1248
 Anundson, L. I., degree, 813
 Aoyama, F. S., degree, 587
 Aoyama, H. T., degree, 802
 Apartment building, 829-833 South Marshfield Avenue, Chicago, tuck pointing, contract, 707
 Apfelbach, H. W., appointment, 358, 1187
 Aplington, T. W., degree, 597
 Appell, Alice J., appointment, 183, 729, 1018
 Appelle, Suzanne, appointment, 256
 Apperson, Pauline M., appointment, 285, 1121
 Apple, C., appointment, 357, 1186
 Apple, H., degree, 823
 Apple, R. F., certificate, 841
 Appleby, F. W., degree, 1554
 Appleby, W., lease, 1306
 Applegate, L. B., appointment, 177, 1013
 Applegate, L. L., appointment, 265
 Appleton, J. H., appointment, 729, 959
 Applied Materia Medica and Therapeutics, budget, 216, 313, 1053, 1150
 purchase, colorimeter, 852
 spectrophotometers, 852
 sterilizer, 852
 research, gift, 1215
 Applied Physics Corp., purchase, 1326, 1520
 Appointment of Teachers, Committee, appropriations, balances reappropriated, 38
 Appointments, made by the President, 6, 42, 350, 389, 430, 444, 461, 476, 488, 506, 539, 546, 570, 603, 643, 652, 673, 704, 729, 736, 773, 842, 869, 1178, 1223, 1254, 1270, 1292, 1312, 1320, 1333, 1337, 1349, 1376, 1406, 1423, 1459, 1476, 1491, 1498, 1506, 1525
See also Budget.
 Appropriation bills, 844
 biennial, 772
 hearings, 685
 Appropriations, balances reappropriated, 36, 365, 1196
 budget, summary, 50, 53, 195, 236, 882, 886, 1030, 1075
 land, payments on approved purchases, 349
 nonrecurring expenditures, 23, 340, 366, 434, 470, 476, 491, 521, 546, 611, 654, 706, 762, 844, 1190, 1259, 1324, 1339, 1359, 1461, 1493, 1512

Appropriations, cont'd

Administration Building, remodeling, 366
 roof, 366
 Aeromedical and Physical Environment Laboratory, centrifuge, 611
 remodeling, 23
 Agricultural Engineering, truck, 655
 Agricultural Engineering Building, fire protection and safety improvements, 655, 1413
 Agricultural Experiment Station, federal funds, 520
 Agriculture, 856, 1300, 1340
 apparatus for crop conditioning research, 521
 equipment, 521, 546, 1512
 feed lot, 339
 motor analyzer, 521
 remodeling, 546
 truck, 339
 Agronomy, spectrographic analysis equipment, 435
 alumni records, improvement, 706
 Anatomy, equipment, 1359
 locker rehabilitation, 655
 microscope, 476
 remodeling, 1324
 Animal Genetics, building to house small animals, 1259
 Animal Hospital, cages, 1324
 equipment, 23, 476
 microtome, 521
 Animal Science, chilling room, 654
 paving area west of swine barn, 435
 truck, 339, 667
 Architecture Building, improved lighting, 611
 Armed Forces, storage facilities, 1512
 Armory, remodeling, 611
 Art, coat hooks, screens, partitions, and pin-up boards, 546
 equipment, 23, 434, 762
 remodeling, 762
 Astronomy, construction of area for study of stars and planets, 611
 Aviation, improvements at Airport, 434
 Bacteriology, Liberal Arts and Sciences, equipment, 762
 Medicine, equipment, 366
 remodeling, 23, 346, 492
 Bands, instruments, purchase and repair, 546, 671
 Betatron, air-conditioning and ventilating work, 655
 fire protection, 1359
 Bevier Hall, remodeling, 340, 470
 Biological Chemistry, spectrophotometer, 366
 Biological Sciences, Chicago Undergraduate Division, remodeling, 441
 Liberal Arts and Sciences, machine tools, 546
 Board of Trustees, wages and expenses, 733
 Botany, air-conditioning rooms in Natural History Building, 1259
 equipment, 434
 greenhouse repairs and alterations, 521
 remodeling, 521, 1339
 Business Office, bookkeeping machine, 1359
 safe, 611
 Ceramic Engineering, modernization of switchboard, 546
 Ceramics Building, roof, 366
 Chemistry, dedication of East Chemistry Building, 463
 Chicago Professional Colleges, architectural services for minor remodeling, 611
 equipment, 1324
 heating plant repairs, 1415
 musical instruments, 435
 parking area, 845
 Physical Education quarters, remodeling, 845

Appropriations, cont'd

Chicago Undergraduate Division, Air Force R.O.T.C., remodeling, 1324
 Army R.O.T.C. facilities, 1199
 bookstacks, 762
 central stenographic service, equipment, 546
 microscopes, 1259
 remodeling, 441
 Civil Engineering, petty cash fund for surveying camps, 1324
 remodeling, 23, 654, 1199
 research facilities, 706
 Clinical Science, equipment for photofluoroscopic project, 521
 Commerce, equipment, 470, 762
 remodeling, 492
 Communications, television transmitter, repairs and shipping, 762
 Cyclotron, fire protection, 1359
 Dairy Science, barns, 545
 McCullough Farm, repair of shed, 1301
 Purebred Barn, remodeling, 1301
 Round Barn, garage, 1301
 trucks, 1340
 Davenport House, remodeling, 366, 470
 David Kinley Hall, remodeling, 492
 Dean of Students, malpractice insurance covering Health Service staff, 434
 Dentistry, equipment and repair work, 23, 1324, 1461
 Division of General Studies, construction of area for study of stars and planets, 611
 Dixon Springs Experiment Station, construction of house, 706
 operating expenses, 706, 1474
 Education, equipment, 470
 remodeling clinic, 1512
 electrical distribution system, Chicago, additions, 24
 Electrical Engineering, research equipment, 1461
 Electrical Engineering Building, theatre-type seats for room, 138, 470
 Electrical Engineering Research Laboratory, equipment and remodeling, 23, 840
 Entomology, equipment, 845
 microscopes, 23
 remodeling, 23
 Extension Service in Agriculture and Home Economics, federal funds, 520
 Fine and Applied Arts, drafting rooms, 1199
 Fitzgerald, A., settlement of claim, 1309
 Floriculture Building, alterations and equipment, 470
 Food Technology, equipment, 521
 remodeling, 23, 1324
 Geography, cartographic equipment, 654
 Geology, remodeling, 23
 X-ray equipment, 655
 Goodwin Avenue, 202 South, parking lot, 521
 Government and Public Affairs, furniture and equipment, 366
 Graduate College, electronic digital computer equipment, 1493
 fellowships, 521, 1358
 Gregory Hall, remodeling, 492
 Health Service, malpractice insurance, 434
 remodeling, 366, 470
 Home Economics, furniture and equipment, 340
 remodeling, 340
 Horticulture, greenhouse heating system improvements, 520
 remodeling, 707
 truck, 1301
 Horticulture Field Laboratory, remodeling, 1324
 housing for faculty, Charles Street, 920 West, 3
 Pennsylvania Avenue, 201 West, 3
 Race Street, 1704 South, 3

Appropriations, cont'd

Huff Gymnasium, improvements, 340
 remodeling, 1359
 roof, 366
 Hydraulic Engineering Laboratory, remodeling, 654
 Ice Skating Rink, rehabilitation of refrigerating equipment, 845
 roof repairs, 1522
 Illini Grove, construction and equipment, 470
 improvement and development, 639
 Illini Hall, remodeling, 366
 Illini Union, remodeling Coffee House, 1199
 Indiana Avenue, property at 706 West, purchase, 836
 John Street, property at 601 East, remodeling, 611
 Journalism and Communications, wired wireless station, 492
 Law, central dictating system, 1493
 Library, budget adjustments, 492
 call system, 476
 equipment for audio-visual aids laboratory, 546
 repair of tables, 654
 liquid nitrogen plant, purchase and installation, 482, 706
 Mathematics, calculating machines, 762
 Mathews Avenue, property at 404 South, equipment, 470
 property at 708 South, purchase, 459
 McCullough Farm, final payment on purchase, 1340
 storage shed, repair, 1301
 Mechanical Engineering Laboratory, remodeling, 1359
 Medical Center Steam Co., aid to construction, 1362
 cost of organizing, 1362
 medical records, coding, 366
 Medical Social Work, equipment, 1512
 Medicine, equipment, 1324
 mice for experimental purposes, 655
 microscopes, 366
 Men's Residence Hall, architectural services, 367, 541
 Mining and Metallurgical Engineering, equipment, 23, 762
 rolling mill, 1324
 service laboratory for metallography, 762
 Mining and Metallurgical Laboratory, architectural services, 609
 Music, equipment, 459, 521, 845
 improvements in Stiven House, 1493
 instrument lockers, 492
 instruments, 1259
 remodeling, 521
 Natural History Building, remodeling, 23, 470, 521, 1259, 1339
 Neurology and Neurological Surgery, equipment, 1324
 Nevada Street, property at 1005 West, remodeling, 611
 Noyes Laboratory, remodeling, 346, 470, 1199, 1461
 Oregon Street, property at 1204 West, purchase, 459
 remodeling, 1339
 Otolaryngology, electroencephalograph, 1461
 parking lot, Chicago Professional Colleges, 845
 202 South Goodwin Avenue, 521
 South Campus, 655
 Pharmacy, equipment, 476, 655, 845, 1324, 1493
 Physical Education, equipment and remodeling, 23
 Physical Education for Women, equipment, 23
 hockey field, reconditioning, 23
 Physical Medicine, research equipment, crating and shipping, 1324

Appropriations, cont'd

Physical Plant, air compressor, 492
 architectural services on construction and remodeling at Urbana, 1413
 distilled water facilities, study, 528
 engineering services for water reclamation improvements, 492
 projection equipment, 492
 remodeling, 470, 1461
 repairs in old heating plant at Chicago Professional Colleges, 1415
 steam condensate return system, improvement, 521
 storage facilities for works of art, 483
 transformers, 492
 window safety anchors in Talbot Laboratory, 521
 Physical Plant Service Building, remodeling, 546
 Physics, equipment, 611
 Physiology, Liberal Arts and Sciences, improvement of research and teaching facilities, 521
 remodeling, 23, 1339
 Medicine, equipment, 476
 President's House, kitchen improvements, 849
 Psychiatry, equipment for photofluoroscopic project, 521
 Psychology, equipment, 470
 Public Health, calculating machines, 706
 Quine Library, call system, 476
 lighting improvements, 1493
 Radiocarbon Laboratory, expansion of facilities, 521, 638
 Radiology, X-ray tube, 435
 Radio Station, transmitter building and tower construction, 492
 Research and Educational Hospitals, addressograph equipment, 492
 electrocardiogram and basal metabolism units, relocation, 476
 equipment, 435
 operating rooms, 521
 remodeling, 435, 611, 1359, 1493
 Research Board, additional funds, 470
 residence halls, expansion, 763
 Robert Allerton Park, fire protection equipment, 762
 sewage treatment and disposal system, 1200
 Sanitary Engineering Laboratory, remodeling, 1339
 sanitary sewer extension, South Broadway area, 27
 South Race Street area, 465
 sidewalk on South Campus, 441
 Small Homes Council, housing research project, surfacing of drives, 26
 Snyder, Chadwell, and Fagerburg, legal services, 435, 1258
 Social Work, remodeling, 1339
 Springfield Avenue, property at 601 East, purchase, 349
 Stock Pavilion, chilling room, 654
 addition, 846
 Student English Committee, stylebook, 492
 Talbot Laboratory, architectural services, 1413
 equipment, 1493
 remodeling, 470, 706
 window safety anchors, 521
 Teacher Placement Office, remodeling, 492
 Theoretical and Applied Mechanics, equipment, 1493
 remodeling, 706
 University High School, lighting improvements, 521
 Veterinary Clinic Revolving Fund, operating expenses, 606
 Veterinary Pathology Laboratory, fire loss, 346
 Visual Aids Center, equipment, 470

- Appropriations, cont'd
 Women's Gymnasium, remodeling, 434
 Wright Street, property at 501 South, purchase, 540
 remodeling, 1199
 Zoology, equipment, 762
 remodeling, 1339
 See also Budget.
- Arambulo, Angel S., degree, 1570
 Arata, N. N., degree, 823, 1573
 Arbenz, Mary H., appointment, 86, 699, 920, 1455
 Arbis, D. S., degree, 809
 Arbit, J., degree, 589, 1537
 Arbogast, T. J., degree, 1401
 Arcade Building, restaurant space, lease, expiration at termination date, 605
 extension, request, 388
 referred to Committee on Buildings and Grounds and on General Policy, 1503
 report, 1525
 termination recommended, 517
 Archambeau, E. R., Jr., degree, 415
 Archdeacon, Maude, appointment, 255, 1092
 authority to sign name of Secretary of Board, 4, 444, 602, 858, 1405
 Archer, Dolores J., degree, 1560
 Archer, E. J., appointment, 444, 643, 1376
 Archer, L. B., appointment, 126, 693, 960, 1449
 Archer, Roberta S., degree, 799
 Archibald, Rosemary A., degree, 799
 Architectural Engineering, Plym fellowships, regulations, 714
 Architectural services, Animal Sciences Laboratory, contract, addition, 465
 Chicago Professional Colleges, minor remodeling, appropriation, 611
 East Dentistry-Medicine-Pharmacy Building, contract, change, 1304, 1462
 Engineering Research Laboratory, remodeling, 438, 609
 appropriation, 1413
 Home Economics Building, contract, 847
 Huff Gymnasium, appropriation, 340
 Life Sciences Building, 474
 Men's Residence Halls, expansion, 367, 379, 541
 Mining and Metallurgical Laboratory, addition of third floor, 609
 residence halls expansion, 1290
 additional services, payment, 1301
 Talbot Laboratory, addition, appropriation, 1413
 Architecture, appropriations, balances reappropriated, 38, 1197
 budget, 153, 286, 987, 1122
 summer session, 689, 1444
 fellows, 1479
 gift, fellowship, anonymous, 1468
 Grunsfeld, E. A., Fund, 549
 Ryerson, 33
 St. Louis Regional Planning and Construction Foundation, 1469
 scholarship, Allerton, R., 1210, 1467
 Skidmore, Owings, and Merrill, 548, 1211
 White memorial fund, addition, 1211
 Plym fellowships, regulations, 714
 Ryerson fellowships, regulations, 762
 Architecture and Art, Chicago Undergraduate Division, budget, 245, 332, 1084, 1174
 Architecture Building, lighting improvements, appropriation, 611
 contract, adjustment, 865
 remodeling, appropriations, balances reappropriated, 1198
 contract, adjustment, 1306, 1417
 Arden, S. E., degree, 1399
 Ardis, Marjorie L., degree, 1560
 Ardisana, M. J., diploma, 1575
 Aren, M. W., appointment, 354, 1182
- Arenberg, W. D., degree, 1551
 Arends, D. G., degree, 797
 Arends, W. G., degree, 797
 Arens, R. P., degree, 587
 Argiry, Linda, appointment, 11
 Argoudelis, J. J., degree, 1561
 Arie, T., appointment, 274, 1110
 Arista Surgical Supply Co., purchase, 342
 Arisumi, T., degree, 783
 Arkin, A., appointment, 353, 1181
 Arkin, J., appointment, 389, 1270
 Arkins, W. J., degree, 1576
 Arky, L. H., appointment, 1498
 Armaos, K. E., fellowship, 680
 degree, 1544
 Armbruster, G. E., degree, 825
 Armbruster Manufacturing Co., purchase, 613
 Armed Forces, appropriations, balances reappropriated, 1197
 budget, Chicago Undergraduate Division, 250, 333, 1089, 1175
 Urbana-Champaign departments, 176, 292, 1011, 1129
 clothing and equipment revolving account, 1012
 storage facilities, appropriation, 1512
 Armesy, Mrs. Dorothy M., appointment, 263
 Armesy, T. W., appointment, 476
 declination, 531
 degree, 582
 Armon, L. W., degree, 1239
 Armon, W. J., appointment, 270, 1106
 Armory, remodeling, appropriation, 611
 balances reappropriated, 39
 contract, adjustment, 1361
 storage facilities, appropriation, 1512
 Armour & Co., contract, 523
 change, 1208
 gift, 552, 1211, 1468, 1471
 Arms, L. M., degree, 1400
 Armstrong, Alice, appointment, 263, 1099
 Armstrong, Berthe E., appointment, 643, 1182
 Armstrong, Beulah M., appointment, 80, 914, 1541
 Armstrong, C. A., degree, 1541
 Armstrong, D. E., degree, 424
 Armstrong, G. L., degree, 796
 Armstrong, Grace B., appointment, 108, 120, 942, 953
 leave of absence, 1353
 Armstrong, H. F., degree, 816
 Armstrong, J. H., legal services, payment, 736
 statement, financial settlement of contract on Lincoln Avenue Residence, 534
 tribute, 1525
 Armstrong, Mr. and Mrs. J. H., gift, 551
 Armstrong, J. S., Jr., degree, 1399
 Armstrong, Jo A., degree, 594
 Armstrong, Joyce H., degree, 1554
 Armstrong, Julia I., appointment, 308, 1145
 Armstrong, R. E., degree, 809
 Armstrong, S. H., Jr., appointment, 353, 1181
 Army, contract, 378, 440, 469, 560, 1206, 1207, 1327, 1464
 change, 668, 1264, 1306, 1328, 1345, 1464, 1495
 lease, 441
 officers assigned to duty at University, academic ranks, 1337
 Arn, G., degree, 424
 Arnett, C. E., degree, 813
 Arnett, Lucille, appointment, 320
 Arney, B. B., degree, 1541
 Arnheim, Joanne, fellowship, 1351
 declination, 1352
 Arnold, C. Y., appointment, 112, 945
 degree, 783
 Arnold, J., appointment, 306, 1143
 Arnold, Phyllis R., degree, 787
 Arnold, R. H., degree, 597
 Arnold, S. R., degree, 1545
 Arny, Mrs. Clara B., appointment, 1448

- Aron, K., appointment, 389, 507, 773, 1012, 1223
 Aronson, B., certificate, 841
 Aronson, Jeanne E., appointment, 1147
 Aronson, P. J., 805
 Arrow Petroleum Co., purchase, 853
 Arsanilic acid, study, contract, 1327
 Arseneau, Inka H., degree, 420
 Arsonic acid derivatives, study, contract, 1206
 Art, appropriations, balances reappropriated, 38, 1197
 coat hooks, screens, partitions, and pin-up boards, 546
 equipment, 23, 434, 762
 remodeling, 762
 budget, 154, 286, 988, 1123
 summer session, 689, 1445
 fellows, 677
 master's degrees, changes, 1509
 prints and drawings, gift, 551
 Art education, master's degree, change, 1509
 Arteriosclerosis, research, gift, 1217, 1218, 1473
 Art history, Fine and Applied Arts, curriculum, 536
 master's degree, change, 1509
 Liberal Arts and Sciences, major and minor requirements, 536
 Arthritis, research, contract, 1327
 gift, 553, 1214, 1472
 Arthritis & Rheumatism Foundation, gift, 1216, 1472
 Arthur, Alice E., appointment, 729, 1074
 resignation, 1382
 Arthur, Marie C., degree, 793
 Arthur, T. C., degree, 1386
 Arthur, W. H., degree, 809
 Artigues, R. J., appointment, 704, 1016
 Art Institute of Chicago, custodianship of paintings, agreement, 350, 483
 gift, 1214
 Artisan Metal Products, Inc., purchase, 524
 Artwick, W. A., degree, 1394
 Arzigian, S., degree, 1545
 Asai, Mrs. Janis, appointment, 1146
 Asaki, G. G., degree, 1248
 Asaki, Mrs. Nobu, appointment, 1100
 Asay, A. H., appointment, 140
 resignation, 402
 Asbestos & Magnesite Materials Co., contract, 1414
 Asbury, J. W., degree, 418
 Aschan, H. R., degree, 802
 Aschbacher, B. F., appointment, 140, 975, 1446
 Aschbrenner, W. F., degree, 1251
 Aschenbrenner, R., degree, 1540
 Aschner, J. F., degree, 583
 Aschner, Mrs. Mary J., appointment, 1121
 Ascoli, G., appointment, 389, 967, 1453
 Ash, G. I., degree, 797
 Ash, H. L., degree, 809
 Ashby, Mary M., appointment, 1270, 1546
 Ashby, R. C., appointment, 94, 927
 Ashby, W. O., degree, 1394
 Ashe, D. H., certificate, 841
 Ashelford, L. E., appointment, 162, 997, 1270
 leave of absence, 513
 Asher, A. J., degree, 418
 Asherman, C. D., degree, 1249
 Ashland Iron & Steel Co., contract, 1415
 Ashley, Audrey M., degree, 1241
 Ashley, C. A., appointment, 1188
 degree, 830
 Ashley, G. E., degree, 407
 Ashley, W. M., Jr., degree, 418
 Ashwill, T. D., degree, 586
 Ashworth, Betty J., appointment, 42, 182, 697, 1017
 Ashworth, Mrs. Ruth, appointment, 319, 1158
 Asimopoulos, G. N., degree, 593
 Asklund, C. K., degree, 1401
 Asmus, E. W., Jr., degree, 419
 Aspey, S. A., degree, 785
 Aspley, J. C., member of advisory committee, 36
 Asrow, Gertrude, appointment, 42, 389, 1045
 Assell, R. F., degree, 802
 Associated Military Stores, purchase, 344, 439, 527, 767, 1263, 1343
 Associated Piping Contractors, Inc., bid, 658
 contract, 650, 1312
 Associated Seed Growers, Inc., contract, 440
 Association of American Railroads, contract, 769
 change, 610, 668, 1417, 1464
 Asthmatic Children's Aid, gift, 554, 1216
 Astrahan, D. F., degree, 1399
 Astronomy, area for study of stars and planets, construction, appropriation, 611
 contract, 660
 budget, 70, 903
 summer session, 689, 1445
 head of department, appointment, 1292
 Astrouski, R. L., degree, 1394
 Atanus, H., degree, 1557
 Atay, S. A., degree, 790
 Atchison, W. F., appointment, 81, 914, 1451
 Atchison, Topeka, and Santa Fe Railway Co., stock, purchase, 568
 Aten, D. L., degree, 819
 Athletic Activities Committee, members, 602, 1405
 Athletic Association, appropriation, band expenditures, 1200
 field work by Alumni Association, 1200
 auditors, employed, 518, 1420
 band trip to Michigan, assignment of funds, 436
 baseball coach, appointment, 1358, 1497
 Board of Directors, appointment, 604, 1499
 budget, adjustments, 605
 approved, 6, 855
 authority to make changes, 6, 855
 changes, 1492
 Business Manager, appointment, 365
 Ice Skating Rink, repairing roof, appropriation, 1522
 services of Alumni Association, appropriation, 491
 swimming coach, appointment, 1497
 Atkin, Mrs. Estelle, appointment, 103, 115
 Atkin, L., degree, 1401
 Atkins, A. L., Jr., degree, 1535
 Atkins, C. P., appointment, 124, 958
 Atkins, H. T., degree, 808
 Atkins, J. M., degree, 1563
 Atlas, A. C., certificate, 1337
 Atlas Electric Devices Co., purchase, 670
 Atmospheric environment, adjustment to sudden changes, research, gift, 1216, 1217
 Atomic Energy Commission, contract, 1207
 change, 561, 610, 1208, 1344, 1465
 Atteberry, G. D., degree, 798
 Atterberry, F. A., degree, 1548
 Atterbury, R., appointment, 1057
 Atwood, C. A., insurance, purchase, 711, 1466
 Atwood, R. A., degree, 1567
 Au, Tung, degree, 575
 Aubert, C. E., degree, 586
 Aubuchon, M. J., degree, 1557
 Auby, L. C., degree, 801
 Audi, L. D., degree, 813
 Auditorium, draperies, purchase, 439
 organ console, appropriation, balance reappropriated, 38, 365
 sprinkler system, engineering services, contract, adjustment, 1495
 use by McKinley Memorial Presbyterian Church, 372
 Auditors, employed, 518, 1420
 Audieth, L. F., appointment, 72, 905
 discovery, patent rights, negotiations, 1514
 release, 1514
 Auer, Genevieve E., degree, 790

- Auerbach, L. B., degree, 1545
 Auerbach, S. H., degree, 591
 Augenstein, L. G., appointment, 869, 1526
 Augspurger, Marilyn J., degree, 800
 Augur, A. L., degree, 811
 August, I., degree, 820
 Augustine, R. J., degree, 802
 Aulbach, Marian R., degree, 793
 Ault, J. W., degree, 789
 Aumiller, Willadean B., appointment, 268, 1104
 Aureomycin, research, contract, 378, 469
 change, 1264
 gift, 1215
 Aurora Pump Co., purchase, 854
 Austin, C. E., degree, 788
 Austin, J. O., Jr., appointment, 1423
 degree, 452
 Austin, L. R., degree, 417
 Austin, L. S., degree, 1395
 Austin, S. D., appointment, 356, 1185
 Austin, W. J., appointment, 124, 673, 958
 Ausubel, D. P., appointment, 7, 389, 986
 Auten, D. S., appointment, 363, 530, 1192, 1223
 Auther, J. C., degree, 805
 Autoclave, purchase, Animal Hospital, 525
 Animal Science, 499
 Botany, 499
 Dairy Science, 525
 Veterinary Medicine, 612
 Automatic Sprinkler Corp. of America, contract, 1414
 Automobile Insurance, Physical Plant, purchase, 768
 Automobile Insurance Co., purchase, 32
 Automobiles, purchase, Agricultural Experiment Station, 671
 Agriculture, 376, 1291
 Extension Service in Agriculture and Home Economics, 671
 Physical Plant Department, 31, 343, 525, 614, 768, 1346
 Auto Owners Insurance Co., insurance purchased, 1466
 Autopsy tables, Veterinary Medicine, purchase, 558, 670
 Autoxidation of unsaturated fatty acids, study, contract, change, 1208
 Auxiliary enterprises, budget, Chicago Professional College, 234, 327, 1072, 1168
 Chicago Undergraduate Division, 253, 334, 1091, 1176
 Urbana-Champaign departments, 190, 301, 1025, 1137
 Avalon, P. G., degree, 1571
 Avalon, Mrs. Vlasta M., appointment, 1157
 Averhart, Mrs. Mary L., appointment, 1160
 Averick, N. J., degree, 1573
 Avery, L., appointment, 356, 1184
 Avery, M., painting, gift, 1471
 Avery, R. J., degree, 1566
 Avery, Mrs. Shirley, appointment, 1159
 Avey, S. E., degree, 802
 Aviation, Institute of, appropriations, balances reappropriated, 38
 Airport, improvements, appropriation, 434
 parking area, resurfacing, 767
 budget, 177, 293, 1012, 1129
 purchase, airplanes, 31, 342, 376, 468, 502, 1344
 communitator, 768
 covered corridor connecting Quonset buildings, 468
 fuel oil, 375, 1264
 furnaces, 31
 gasoline, 468, 711, 1327
 generator test bench, 31
 hangar, 671
 liability insurance, 712
 radio equipment, 837
 sludge equipment, 768
 Aviation, Institute of, cont'd
 station wagon, 837
 tandem roller, 377
 tractor, 342
 turbine pumping unit, 854
 Aviation industry in Illinois, business analysis, study, contract, 1207
 Aviation psychology, appropriations, balances reappropriated, 1196
 Avoca Board of Education, contract, 1327
 Avram, L., degree, 1561
 Axel, P., appointment, 132, 967
 Axelrod, Audrey J., appointment, 444
 leave of absence, 684
 Axelrod, M. B., degree, 813
 Axelrod, Miriam, appointment, 319
 Axelrood, S. C., appointment, 1148
 Axelson, Roselyn, appointment, 1160
 Axford, R. S., fellowship, 776
 resignation, 1279
 Ayer, J. P., degree, 830
 Ayers, A. R., appointment, 97, 119, 931
 leave of absence, 732
 Ayers, J. R., degree, 822, 823
 Ayers, R. L., appointment, 177, 389, 507, 773, 1012
 resignation, 1232
 Ayerst, McKenna, and Harrison, Ltd., gift, 552
 Aylward, E. P., degree, 1548
 Aylward, J. J., degree, 1395
 Ayotte, J. G., degree, 594
 Azhar, B. A., fellowship, 676, 1479
 Azizi, G. D., degree, 1394
 Azzouz, E. M. M., degree, 581
 Babb, A. L., degree, 1281
 Babb, D. S., appointment, 42, 126, 961
 Babb, J. W., degree, 1252
 Babbitt, H. E., appointment, 124, 957
 Babcock, C. L., degree, 815
 Babcock, M. L., appointment, 1376
 Babcock, R. N., degree, 1554
 Babcock, Ruth, appointment, 11
 Babcock, Mrs. Velva L., appointment, 274, 1110
 Babcock & Wilcox Co., purchase, 671, 854
 Babler, B. J., appointment, 243, 1082, 1458
 Babler, E. L., certificate, 1328
 Bach, A. E., appointment, 300, 1137
 Bachelder, J. E., appointment, 652, 918, 1001
 Bachem, A., appointment, 210, 1046
 Bachem, Erica, appointment, 313, 1150
 Bachem, W. A., degree, 587
 Bacher, Mrs. Joanna, appointment, 1146
 Bacher, R., appointment, 301
 Bachhawat, B. K., fellowship, 1480
 Bachman, R. L., degree, 808
 Bachman, S. J., degree, 1571
 Bacle, Mrs. Joan, appointment, 1093
 Bacon, A. R., appointment, 357, 1185
 Bacon, Mrs. Margaret G., appointment, 1131
 Bacon, O. A., degree, 1543
 Bacon, R. H., degree, 1564
 Bacon curing process, patent, application, 2
 Bacterial spores responsible for food spoilage, research, gift, 550
 Bacteriology, Liberal Arts and Sciences, appropriations, balances reappropriated, 37, 1196
 budget, 70, 265, 903, 1101
 summer session, 689, 1445
 equipment, appropriation, 762
 fellows, 677, 1479
 fellowship, gift, 33
 purchase, centrifuge, 30
 laboratory apparatus, 341
 microscopes, 30, 854
 remodeling, appropriation, 23, 346, 492
 contracts, 345
 addition, 864

Bacteriology, cont'd

- adjustment, 561
- change, 528
- research, gift, 550, 551, 1214
- Medicine, budget, 202, 308, 1037, 1144
- summer session, 1459
- clinical faculty, 352, 1180
- equipment, appropriation, 366
- photography of subject matter, funds, gift, 1471
- purchase, centrifuge, 500
- freezer, 670
- glassware washer, 500
- remodeling, contract, 370
- release of funds, 434
- research, gift, 551, 553, 554, 556, 1215
- Bader, Mrs. Catherine, appointment, 1145
- Badger, C. J., appointment, 100, 933
- Badgett, Marina M., degree, 1554
- Badran, M. K., degree, 1541
- Bachler, J. R., degree, 1249
- Baer, D. H., degree, 816
- Baer, E. F., degree, 809
- Baer, J. L., appointment, 356, 1185
- Baer, P., appointment, 1423
- Baer, R., appointment, 80, 913
- leave of absence, 1407
- Baer, R. M., appointment, 1476
- Baggott, Anita J., degree, 814
- Bagley, A. J., degree, 1554
- Bagley, H. M., degree, 594
- Bagott, Alta, appointment, 260, 1096
- Bahe, H. H., degree, 1568
- Bahlman, W., Jr., degree, 589
- Bahlquist, Mrs. Audrey, appointment, 296
- Bahls, J. E., appointment, 272
- Bahnfleth, D. R., appointment, 1526
- degree, 1553
- Bahnke, J. E., appointment, 290
- Baier, A. T., degree, 1556
- Baigen, Margaret, appointment, 311, 1149
- Bailar, J. C., Jr., appointment, 72, 690, 905, 1446
- Baile, R. S., degree, 1245
- Bailey, A. D., appointment, 126, 961
- Bailey, D., appointment, 282, 1119
- Bailey, E. W., appointment, 275, 1111
- Bailey, Evelyn M., appointment, 282
- Bailey, F. E., degree, 1241
- Bailey, F. L., degree, 597, 1392
- Bailey, G. C., degree, 1557
- fellowship, 1351
- Bailey, H. W., appointment, 80, 241, 913, 1080
- member of committee to hear charges against P. J. May, 605
- Bailey, J. D., appointment, 76, 694, 909, 1449
- Bailey, J. R., appointment, 1105
- Bailey, K. W., degree, 591, 1546
- Bailey, L., appointment, 154, 989
- Bailey, L. E., appointment, 259, 1096
- Bailey, Natalie D., degree, 419
- Bailey, P., appointment, 205, 673, 1040, 1190, 1223
- book, printing, 527
- Bailey, R. H., degree, 1400
- Bailey, W. H., degree, 819
- Bailie, Elizabeth, appointment, 171, 1007
- Baily, H. H., appointment, 139, 689, 974, 1445
- Baim, M., certificate, 1328
- Bain, C. D., degree, 1546
- Bain, J. A., appointment, 209, 1045
- Bain, L. R., appointment, 1270
- Bain, P. A., degree, 802
- Bainbridge, C. N., degree, 1551
- Baine, Eleanor, appointment, 1149
- Bair, T. D., appointment, 163
- declination, 402
- degree, 783
- Baird, Allyne H., degree, 1284
- Baird, D. M., degree, 1281
- Baird, J. R., Jr., degree, 798
- Baird, R. E., fellowship, 682, 1485
- Baird, R. L., degree, 1395
- Baird, T. A., appointment, 354, 1182
- Bairdain, E. F., degree, 424
- Baity, Dorothy G., degree, 800
- Bak, Loretta H., degree, 809
- Bakan, P., appointment, 869, 918
- Bakeman, D. C., degree, 414
- Baker, B., degree, 825
- Baker, C. K., degree, 423
- Baker, C. L., degree, 593
- Baker, D. A., degree, 1398
- Baker, D. W., certificate, 1338
- Baker, E. L., appointment, 269, 1105
- Baker, F. R., appointment, 1476
- Baker, Mrs. Frances, appointment, 328
- Baker, G. S., appointment, 1498
- degree, 795
- Baker, H., degree, 1286
- Baker, H. A., degree, 805
- Baker, H. F., appointment, 282, 1118
- Baker, Harold G., Jr., degree, 796
- Baker, Hershel G., appointment, 318, 1156
- Baker, H. J. & Co., purchase, 468, 614, 1466
- Baker, H. L., appointment, 362, 1191
- Baker, Helen M., degree, 1390
- Baker, Inez E., degree, 423
- Baker, James A., degree, 1241
- Baker, Joe A., degree, 825
- Baker, J. J., degree, 1548
- Baker, J. R., degree, 1568
- Baker, J. S., appointment, 153, 988
- Baker, J. T., Chemical Co., purchase, 852
- Baker, K. A., degree, 825
- Baker, K. M., degree, 1244
- Baker, L., appointment, 1313
- Baker, M. C., degree, 783
- Baker, M. L., fellowship, 1480
- Baker, Margaret G., degree, 1244
- Baker, Marilyn J., degree, 1550
- Baker, Marilyn L., degree, 812
- Baker, Mary E., scholarship, gift, 550, 1213
- Baker, Muriel, fellowship, 1315
- Baker, Myra L., appointment, 869, 943
- Baker, Patricia M., degree, 805
- Baker, R. C., degree, 1250
- Baker, R. E., degree, 1561
- Baker, R. G., degree, 1567
- Baker, R. H., appointment, 70, 74, 507, 689, 903
- Baker, R. M., degree, 1248
- Baker, Ruth A., degree, 1559
- Baker, W. R., degree, 1505
- Baker & Co., purchase, 766
- Bakken, Olga, appointment, 12
- Balagna, J. A., Jr., degree, 1562
- Balaney, Mrs. Lucille, appointment, 325, 1167
- Balaty, J. F., degree, 1570
- Balch, B. L., certificate, 41
- Balch, R. B., Jr., degree, 1391
- Balder, R. B., Jr., degree, 1391
- Balduf, W. V., appointment, 77, 694, 910
- Baldus, Barbara R., degree, 1556
- Baldwin, C. L., appointment, 918
- Baldwin, D. C., degree, 582
- Baldwin, H. C., Jr., degree, 820
- Baldwin, Harriet J. L., degree, 1237
- Baldwin, J. W., Jr., degree, 1248
- Baldwin, S., degree, 1281
- Baldwin, T. W., appointment, 75, 908
- Baldwin-Lima-Hamilton Corp., purchase, 852
- Balc, J. C., fellowship, 512, 679
- Baliga, J. R., degree, 597
- Balin, Bernice, appointment, 209, 1045
- Balint, M., degree, 1398
- Balkum, E. T., degree, 801, 1540
- Ball, Mrs. Avis A., appointment, 183, 1019
- Ball, J. M., appointment, 1270
- Ball, L. E., degree, 453
- Ball, Virginia M., appointment, 276

- Ballance, R. S., degree, 1544
 Ballantine, Frederick Winthrop, degree, 794
 Ballantine, Fredrick William, degree, 597
 Ballard, F. W., fellowship, 1486
 Ballard, G. P., appointment, 355, 1183
 Ballard, G. R., degree, 411
 Ballew, Vivian M., degree, 582
 Balson, M. M., degree, 787
 Balthazar, Mrs. Gertrude, appointment, 1126
 Balto, C. R., degree, 828
 Baltzell, J. H., appointment, 1270, 1376
 Baltzer, Susanna, degree, 1239
 Balz, G. P., degree, 823, 1573
 Balzer, F. H., degree, 423
 Bamber, L. E., appointment, 168, 185, 1003,
 1021
 Bamberger, A., appointment, 362, 444, 1191
 Bammann, Bernice M., degree, 800
 Bammann, D. E., degree, 585
 Banach, L. P., certificate, 1490
 Banaszewski, T., degree, 1561
 Banche, J. F., degree, 788
 Band Building, acoustical treatment, appropri-
 ations, balances reappropriated, 39
 Band instruments, funds, gift, 1214
 Bands, budget, 157, 287, 992, 1123
 summer session, 689, 1445
 instruments, appropriation, 546
 purchase, 546, 671
 revolving account, 158, 992
 trip to California, expenses, 1331
 trip to Indiana, expenses, 1200
 trip to Michigan, expenses, 436
 Bandstand, folding, purchase, 614
 Bandy, J. C., degree, 414
 Bane, J. Lita, appointment, 108, 942
 Bane, Mary E., degree, 1554
 Banerjee, D. K., degree, 1533
 Banerjee, Mrs. Janina S., appointment, 293,
 1130
 Bang, M. A., degree, 809
 Banicki, J., degree, 822
 Banik, Barbara, appointment, 1160
 Bankert, R. L., degree, 819
 Bankhead-Flannagan Fund, budget, 118, 276,
 951
 Bankhead-Jones Fund, budget, 114, 275, 948,
 1111
 Banks, C. E., degree, 1564
 Banks, G. E., degree, 594
 Banks, J. A., appointment, 673, 1084
 Banks, Marian E., degree, 1250
 Banks, Olivia E., degree, 785
 Banner Construction Co., contract, 865, 1474
 Bannick, L. D., degree, 828
 Bannister, R. G., degree, 781
 Bannister, T. C., appointment, 42, 153, 389,
 689, 987, 1444
 Bannister, T. H., degree, 411
 Bannon, J. B., degree, 799
 Bannon, R. W., degree, 798
 Banta, F. G., appointment, 912
 Banta, G., Publishing Co., purchase, 768
 Bantz, Elizabeth R., appointment, 184
 resignation, 402
 Bantz, L., appointment, 257, 1094
 Baptista, S. F., degree, 809
 Barackman, Patricia A., degree, 820
 Baram, P., degree, 1569
 discovery, patent rights, release, 1341
 Baranowski, C. J., degree, 1389
 Baranyi, Helen I., degree, 825
 Baratz, J. J., appointment, 360, 1189
 Barba, W. P., II, appointment, 673, 1045
 Barbee, K. W., degree, 1239
 Barber, C. S., appointment, 1313
 Barber, H. W., appointment, 244, 703, 1083,
 1458
 Barber, Mary R., degree, 1543
 fellowship, 1231
 Barber, Mrs. Mildred C., appointment, 286,
 1122
 Barber, T. K., appointment, 218, 219, 1057
 Barber, W. J., Jr., appointment, 161, 697
 degree, 1245
 Barbour, W., fellowship, 776
 Barbre, Mrs. Marie S., appointment, 64, 193
 resignation, 877
 Barches, L. P., degree, 1576
 Barckley, Mrs. Claire M., appointment, 296
 Barclay, Mrs. Addelein, appointment, 328,
 1170
 Barcus, F. E., degree, 1554
 Bard, G., appointment, 210, 507
 resignation, 646
 Bard, G. W., degree, 823, 1573
 Bardeen, J., appointment, 736, 960, 966
 Barden, H. G., certificate, 527
 Bare, M. JoAnne, appointment, 1127
 Bareither, H. D., appointment, 129, 964, 1452
 Barenholtz, E. S., degree, 589
 Bargh, G. H., Jr., appointment, 43, 896
 degree, 1541
 Barham, H. G., degree, 822, 1571
 Barker, Mrs. Ellen R., appointment, 1123
 degree, 591
 Barker, J. C., degree, 418
 Barker, Jeanne M., degree, 1554
 Barker, Melba B., degree, 787
 Barker, R. J., appointment, 476, 1223
 Barker, Sylvia, appointment, 11
 Barker, W. H., degree, 1237
 Barker, W. R., gift, 555
 Barkley, Margaret K., degree, 1244
 Barkson, A. W., degree, 597
 Barkson, J. A., appointment, 126, 961
 degree, 581
 Barley fertilizer tests, research, gift, 550, 1213
 Barlow, R. R., appointment, 166, 1002
 Barnes, B. H., degree, 1394
 Barnard, Phyllis I., appointment, 1376
 degree, 1395
 Barnd, M. L., degree, 828
 Barnes, B. L., appointment, 1423
 Barnes, Broda O., appointment, 507, 1190
 Barnes, C. B., degree, 1552
 Barnes, F. P., appointment, 145, 149, 692,
 980, 1448
 Barnes, Frances L., degree, 1246
 Barnes, J. D., appointment, 304, 1140
 Barnes, J. E., appointment, 272, 1108
 Barnes, P. L., degree, 411
 Barnes, R. E., degree, 823
 Barnes, R. M., degree, 1548
 Barnett, G. A., appointment, 271, 1107
 Barnett, J. H., degree, 424, 797
 Barnett, M. L., degree, 800
 Barnett, Margaret, appointment, 11
 Barnett, N. W., degree, 816
 Barnett, Z. G., appointment, 389, 530, 692
 Barney, E. B., degree, 597
 Barnhart, Barbara L., degree, 1560
 Barnhart, Irene M., appointment, 278
 Barns, Dairy Science, appropriation, 545
 contracts, 544
 Barnum, R. V., degree, 1393
 Baroid Sales Division, National Lead Co., gift,
 549, 1468
 Baron, L. S., degree, 1281
 fellowship, 46
 Baron, T., appointment, 72
 Barr, H. M., appointment, 1448
 Barr, N. P., degree, 1557
 Barra, A., degree, 815
 Barreto, S., Jr., degree, 595
 Barrett, A. J., degree, 1542
 Barrett, C. V., Jr., appointment, 358, 1186
 Barrett, D., appointment, 1149
 Barrett, D. C., degree, 798
 Barrett, D. S., degree, 1570
 Barrett, H. C., appointment, 389, 946
 Barrett, J. E., degree, 1394
 Barrett, J. M., fellowship, 512
 Barrett, W. S., degree, 418

- Barrick, W. W., degree, 1563
 Barron, L. B., degree, 795
 Barron, S. H., Jr., appointment, 389, 729, 1045
 Barrow, J. M., appointment, 153, 988
 Barry, J. L., degree, 1400
 Barry, J. P., degree, 583
 Barry, J. R., appointment, 237, 244, 1076
 resignation, 1279
 Barry, Mrs. Mary A., appointment, 1166
 Barsky, S., appointment, 1180
 Bartels, Mrs. Dorothy E., appointment, 260
 Bartels, J. F., appointment, 1333
 Bartels, Shirley L., degree, 816
 Bartelsen, H. D., degree, 1249
 Barth, Dorothea V., appointment, 301, 1138, 1139
 Barth, R. J., degree, 809
 Barth, R. M., degree, 597
 Barth, W. D., certificate, 1328
 Barthe, D. R., degree, 418
 Barthel, H. O., degree, 794
 fellowship, 681, 1484
 Barthel, J. W., degree, 809
 Barthel, P. F., degree, 812
 Bartholomew, H., appointment, 155, 989
 Bartik, R. F., degree, 814
 Bartkiewicz, Marie N., degree, 1563
 Bartkowitz, F. M., degree, 597
 Bartkus, Lillian H., degree, 589
 Bartleson, Shirley J., degree, 591
 Bartlett, Alice C., appointment, 309, 1147
 Bartlett, Dorothy M., degree, 1241
 Bartlett, Isabelle, appointment, 1160
 Bartlett, J. H., appointment, 132, 967
 Bartlett, K. W., appointment, 283, 1119
 Bartlett, R. W., appointment, 94, 104, 928, 937
 Bartlett, W. K., degree, 1398
 Bartley, F. P., Jr., degree, 786
 Bartman, Fannie M., degree, 414
 Barto, Harriet T., appointment, 108, 695, 942
 Barto, P. B., appointment, 389, 507, 998, 999
 Barton, C. A., degree, 1542
 Barton, E. M., appointment, 353, 1181
 Barton, Helen M., appointment, 248, 702, 1087
 Barton, J. S., degree, 597
 Barton, M. Q., appointment, 698
 degree, 1391
 Bartosiewicz, Delphine F., degree, 1562
 Bartow, Virginia, appointment, 72, 905
 Bartusch, R. J., degree, 1401
 Bartusek, F. J., Jr., degree, 802
 Bartusek, G. J., degree, 1552
 Barwig, A. E., degree, 815
 Barzak, R. W., appointment, 909
 degree, 785
 Barzak, Mrs. Rose A., appointment, 1101
 Baschnonga, S. A., degree, 805
 Basci, F., degree, 453
 Baseball coach, acting, appointment, 1358
 Basfield, C. W., degree, 1389
 Bash, Dorothy D., degree, 812
 Bash, J. S., & Sons, purchase, 31, 853
 Basidiomycetes, nutritional requirements, study,
 contract, 1207
 Basile, A. F., degree, 578
 Baskett, L. M., appointment, 355
 Baskett, Margery E., appointment, 1100
 degree, 809
 Baskin, J. R., appointment, 292, 1128
 Bass, Mrs. Delores M., appointment, 1128
 Bassie, V. L., appointment, 140, 142, 975, 977
 Basso, R., degree, 1251
 Bast, Patricia A., degree, 1247
 Bast, R. D., degree, 798
 Bastendorf, W. L., degree, 1540
 Batchelor, Mrs. Elizabeth P., appointment,
 869, 1476
 resignation, 1382
 Batchelor, J. D., degree, 452
 fellowship, 677
 Batchner, Olive M., appointment, 389, 944, 948
 Bateman, H. P., appointment, 97, 114, 570, 930, 948
 Bateman, Helena S., appointment, 276
 Bateman, J. R., degree, 586
 Bateman, M. D., degree, 798
 Bateman, F. T., appointment, 80, 869, 914
 Bates, B. R., degree, 795
 Bates, C., appointment, 1175
 Bates, C. R., degree, 1563
 Bates, F. R., degree, 818
 fellowship, 876
 Bates, Gertrude L., appointment, 83, 917
 resignation, 1501
 Bates, J. F., appointment, 247
 Bates, M. C., appointment, 293, 1129
 Bates, Margaret M., appointment, 231, 1069
 Bates, N. A., fellowship, 1480
 Bates, R. F., degree, 1398
 Batman, Ruth M., degree, 421, 793
 Batson, H. C., appointment, 547, 1048
 Battaglia, J. A., certificate, 41
 Battaglia, LaVerne J., degree, 1560
 Battaglini, Marie, appointment, 320, 1158
 Batterham, R. E., degree, 1563
 Battistoni, P. P., Jr., degree, 580
 Batton, J. H., appointment, 262
 Baty, Mrs. Lorraine M., appointment, 287
 Baty, M. W., degree, 587
 Baty, R. D., certificate, 1328
 Baubkus, J. J., degree, 588
 Baubkus, Zita L., degree, 1576
 Baucher, L., Jr., degree, 1551
 Bauder, W. W., appointment, 1526
 Bauer, Carole A., appointment, 291
 Bauer, E. E., appointment, 124, 958
 Bauer, F. C., appointment, 98, 932
 leave of absence, 1316
 Bauer, L. S., Jr., degree, 421
 Bauer, R., appointment, 1166
 Bauer, Trinity A., degree, 1566
 Bauer & Black, gift, 1215
 purchase, 33
 Bauerle, J. E., degree, 809
 Baughman, Mrs. Barbara, appointment, 308
 Baujan, R. R., degree, 1561
 Bauleke, M. P., degree, 579
 Bauling, F. G., appointment, 130, 964, 970
 Baulos, C. W., degree, 790
 Baulos, Frances P., degree, 785
 Baum, Mrs. Audrey V., appointment, 1104
 Baum, Elizabeth M., appointment, 9
 Baum, H. A., degree, 1252
 Baum, H. C., appointment, 357, 1185
 Baum, L., degree, 414
 Bauman, L. F., appointment, 389, 934
 degree, 449
 Bauman, Mrs. M. Winifred, appointment, 302
 Bauman, N. G., degree, 808
 Bauman, P. A., appointment, 126, 961
 Bauman, R. A., appointment, 73
 declination, 402
 Baumann, Mrs. Catherine L. A., appointment,
 1109
 degree, 799
 Baumann, E. R., appointment, 125, 958, 1223
 Baumann, G. L., certificate, 841
 Baumann, K. D., degree, 1554
 Baumeister, C. F., appointment, 354, 1183
 Baumgardner, C. H., appointment, 1526
 degree, 1535
 Baumgardner, Mrs. Mary S., appointment,
 1376
 Baumgart, V., certificate, 1328
 Baumrucker, G. O., appointment, 364, 1193
 Bauschelt, R. J., certificate, 488
 Baxa, R. L., degree, 588
 Baxter, Allison G., degree, 823, 1573
 Baxter, D. H., degree, 798
 Baxter, F. J., degree, 1548
 Baxter, H. Y., degree, 1562
 Baxter, J. F., appointment, 279, 1115

- Baxter, Leta S., degree, 452
 Baxter, Mrs. Ruth, appointment, 1094
 Baxter Laboratories, contract, 864
 Bayar, C., appointment, 1193
 Bayard, W. L., appointment, 358
 Bayer, G. M., degree, 801
 Bayer, J. A., degree, 1400
 Bayer, P. T., degree, 828
 Bayle, A. D., degree, 816
 Bayler, Mrs. Margaret B., appointment, 261,
 1097
 Bayler, T. W., degree, 1245
 Bayless, Mrs. Jean, appointment, 321, 1163
 Baylor, Calvin E., degree, 417
 Baylor, Cecil E., degree, 585
 Baylor, J. E., appointment, 364
 Bayne, J. M., degree, 595
 Bayne, J. W., appointment, 129, 696, 964,
 1376
 degree, 583
 Baysinger, R. P., degree, 823, 1573
 Bazotes, W., painting, purchase, 711
 Bazola, F. N., appointment, 217, 1053
 BDN Steel Erecting Co., purchase, 343
 Beach, B. C., & Co., purchase, 342
 Beach, F. H., appointment, 139, 974
 Beach, J. W., appointment, 350, 390
 Beach, Mary E., appointment, 262, 1098
 Beach, R. W., degree, 1394
 Beach, Shirlee M., degree, 805
 Beach, T. C., degree, 820
 Beadles, Jessie R., appointment, 103, 114
 Beall, H. H., Jr., degree, 1548
 Beall, J. W., appointment, 1498
 Beals, R. J., appointment, 123, 956
 Beam, G. R., appointment, 61, 893
 leave of absence, 532, 732
 Beam, J. C., fellowship, 1485
 Beam, R. T., degree, 597
 Beaman, K. E., degree, 809
 Beamer, P. D., appointment, 113, 163, 947,
 998
 degree, 783
 Bean, Mrs. Bernice, appointment, 259, 1093
 Bean, C. P., degree, 1535
 Bean, H. L., degree, 798
 Bean, H. W., appointment, 92, 102, 116, 925,
 936, 950
 Bean, J. M., Electric & Hardware, contract,
 544, 1203
 Bean, Kathryn A., degree, 1556
 Bean, Louise B., degree, 1241
 Bean, W. G., degree, 820
 Beane, H. O., appointment, 293
 Bear, Mrs. Marguerite, appointment, 325
 Bear, R. E., degree, 798
 Bear, S. A., degree, 823
 Beard, D. R., degree, 588
 Beard, H., appointment, 206, 1042
 Beard, W. R., degree, 815
 Bearden, D., degree, 803
 Beardmore, R. L., degree, 588, 1390
 Beardsley, D. W., degree, 1388
 fellowship, 401, 676, 876
 declination, 683
 Beasley, Delsia, degree, 1547
 Beatrice Foods Co., contract, 1207
 Beattie, E. J., Jr., appointment, 1526
 Beattie, J. W., appointment, 444, 1049
 Beatty, Frieda E., degree, 591
 Beatty, G. F., degree, 792
 Beaty, J., appointment, 76
 fellowship, 776
 resignation, 402
 Bauman, W. H., member of advisory com-
 mittee, 1194
 Beaumont, C., degree, 795
 Beaumont, Janice N., degree, 1564
 Beavers, A. H., appointment, 7, 43, 933, 948
 Beberman, M., appointment, 390, 985, 1526
 Becht, J. E., degree, 782
 Bechtle, Elfrieda, degree, 827
 Becic, Marilyn J., degree, 808
 Beck, B. L., appointment, 995
 Beck, Barbara A., diploma, 1575
 Beck, E. J., Jr., degree, 794
 Beck, J. R., certificate, 41
 Beck, J. W., degree, 1567
 Beck, Lucille M., appointment, 1173
 Beck, P. A., appointment, 842, 965
 Beck, R. L., degree, 815
 Beck, W. H., degree, 803
 Beck, W. J., degree, 803
 Beckel, J. W., degree, 1552
 Becker, B. N., degree, 825
 Becker, Betsy P., degree, 1571
 Becker, Beverly J., degree, 589
 Becker, D. E., appointment, 7, 390, 936
 Becker, E. C., degree, 1534
 Becker, E. L., appointment, 202, 1037
 resignation, 1382
 Becker, F. N., certificate, 42
 Becker, Mrs. Gertrude C., appointment, 293,
 1120
 Becker, J. B., degree, 1248
 Becker, J. S., degree, 424
 Becker, Jo A., degree, 419
 Becker, Mrs. K., gift, 1473
 Becker, M. E., degree, 588
 Becker, Martha E., degree, 1393
 Becker, O. J., appointment, 359, 1187
 Becker, R. A., appointment, 132, 967
 Becker, R. W., degree, 453
 Becker, W., degree, 1561
 Becker, W. K., appointment, 673
 degree, 580
 resignation, 731
 Beckers, Mary C., appointment, 318, 1156
 Beckett, Grace, appointment, 141, 976
 Beckett, R. H., appointment, 304
 Beckstrom, Janice E., appointment, 390
 resignation, 777
 Beckwith, C. B., certificate, 1328
 Beckwith, R. M., degree, 592
 Beckwith, Virginia, degree, 1573
 Becola, Mrs. Mary, appointment, 1164
 Bedenkop, W. L., Jr., degree, 788
 Bedinger, P. L., appointment, 204, 1181
 Beebe, Florence E., degree, 1550
 Beebe, R. F., degree, 1561
 Beedle, D. R., appointment, 1098
 Beedle, Mary L., appointment, 265
 Beer, J. J., degree, 1388
 Beers, Mrs. Thelma S., appointment, 1270
 Beeson, Delores J., degree, 1567
 Beeson, Mrs. Frances L., appointment, 270
 Beeson, T. R., degree, 805
 Beeson, W. J., degree, 805, 1537
 Begando, J. S., appointment, 139
 degree, 782
 Begg, Eva, appointment, 319, 1158
 Beggan, K., degree, 453
 Begun, A. E., degree, 419
 Behavioral sciences, research, grant, 348
 Behl, Helene L., degree, 1397
 Behls, H. F., degree, 1394
 Behm, R. W., degree, 805
 Behn, S. P., degree, 803
 Behnke, D. C., degree, 1399
 Behnke, G. C., degree, 801
 Behr, L. C., appointment, 773, 1446
 Behr, S. T., degree, 591
 Behrends, D. O., degree, 1548
 Behrends, R. A., degree, 1401
 Behrens, H. C., degree, 1553
 Behrens, H. H., degree, 1395
 Behringer, Clara M., appointment, 390, 699,
 700, 920, 1455
 Behringer, Grace E., degree, 1550
 Beile, R. W., degree, 1248
 Beilfuss, H. R., fellowship, 677, 1480, 1500
 declination, 1486
 Beilfuss, R. W., degree, 803
 Beilin, D. S., appointment, 362, 1191
 Beinart, P. J., appointment, 354, 1183
 Belcher, D. W., appointment, 142
 resignation, 402
 Belcher, L. F., degree, 1236

- Beling, Eleanor M., degree, 818
 Beling, T. E., degree, 1552
 Belinson, L., appointment, 362
 Bell, Alma D., degree, 407
 Bell, E., degree, 587
 Bell, E. F., degree, 802
 Bell, Esther J., appointment, 10, 1307
 Bell, J. F., appointment, 141, 869, 976, 1447
 Bell, J. M., appointment, 390
 resignation, 683
 Bell, K. E., degree, 582
 Bell, Margaret M., appointment, 9
 Bell, Martha H., degree, 1554
 Bell, R. R., appointment, 1106
 Bell, R. T., degree, 582
 Bellack, Jeanne A., degree, 827
 Bellamia, Josephine, appointment, 323, 1165
 Bellamy, A., estate, funds, acceptance, 381
 use, 766
 Bellamy, J. E., appointment, 76, 909, 1449
 degree, 577
 Bell & Zoller Coal Co., purchase, 767
 Belles, H., appointment, 281, 1117
 Bellinger, G. E., Jr., appointment, 279, 1115
 Bell-Irving, P., appointment, 355, 1183
 Bellis & Miller, contract, addition, 370
 Bells, J., degree, 424
 Belnap, N. D., Jr., degree, 1554
 Belsan, Mrs. Joan J., appointment, 1094
 Belt, J. F., degree, 797
 Belting, C. M., appointment, 1376
 degree, 1569
 Belting, Natalia M., appointment, 79, 912
 Beltz, G. C., degree, 819
 Belyea Co., Inc., purchase, 29
 Bement, C. E., appointment, 300, 1136
 Bemis, W. P., appointment, 1526
 Bendell, C. B., degree, 802
 Bender, C. C., appointment, declination, 402
 Bender, F. B., degree, 597
 Bender, G. L., degree, 451
 Bender, J. A., appointment, 160, 697
 degree, 1282
 Bender, J. E., degree, 1562
 Bender, J. H., degree, 1550
 Bender, Mrs. Margaret A., appointment, 1123
 Bender, Ruth D., appointment, 179
 degree, 786
 resignation, 877
 Bendiner, B., degree, 809
 Bendiner, Dolores A., degree, 805
 Bendix Aviation Corp., Freiz Instrument Division, purchase, 1521
 Benedetti, R. D., degree, 828
 Benedict, D., degree, 595
 Benedict, Dorothy, appointment, 321, 1159
 Bendix, R. H., degree, 591
 Beneheld, C. W., degree, 587
 Benensohn, S. J., appointment, 357, 1185
 Benes, R. C., degree, 809
 Benesch, Mrs. Edna V., appointment, 1117, 1526
 Benesch, S. E., degree, 786
 Benford, M. C., appointment, 206, 226, 227, 230, 1042, 1063, 1064
 Bengtson, V. E., degree, 1399
 Benham, H. V., degree, 1576
 Benjamin, F. B., appointment, 1271
 Benjamin, H. F., degree, 587
 Benjamin, R. B., degree, 586
 Benjamin, R. J., degree, 584
 fellowship, 682, 1486, 1529
 Benjamin, R. K., appointment, 1223
 degree, 781
 Benn, F. E., certificate, 1328
 Benne, K. D., appointment, 144, 691, 980
 declination, 777
 leave of absence, 1502
 member of committee for Kyoto Seminar, 1419
 Benner, D. R., degree, 589
 Benner, Mrs. Marjorie M., appointment, 270
 Benner, Mrs. Shirley, appointment, 1140
 Benner, T. E., appointment, 144, 691, 980, 1447
 leave of absence, 475, 1194
 cancellation, 535
 services to Department of State, 462
 Bennett, A. G., degree, 1569
 Bennett, A. L., degree, 451
 Bennett, A. P., certificate, 841
 Bennett, D. G., appointment, 123, 957
 discovery, patent rights, release, 854
 Bennett, Evelyn C., degree, 407
 Bennett, Flavius E., degree, 1285
 Bennett, Foster E., appointment, 356, 1184
 Bennett, G. A., appointment, 207, 229, 1044, 1068
 Bennett, G. G., property, purchase, 348
 Bennett, J. L., degree, 1542
 Bennett, J. R., appointment, 354, 1182
 Bennett, P. L., degree, 411
 Bennett, Rainey, paintings, gift, 1471
 Bennett, Richard, degree, 591
 Bennett, Richard C., degree, 1393
 Bennett, Russell C., degree, 1564
 Bennett, R. D., degree, 1553
 Bennett, R. K., degree, 1401
 Bennett, R. M., degree, 1562
 Bennett, R. W., appointment, 1146
 Bennett, W. R., degree, 575
 Bennett Industries, Inc., purchase, 29
 Bennowitz, W. C., degree, 415
 Bennorth, R. B., degree, 1554
 Benoliel, P. K., degree, 820
 Benrimo, T., painting, purchase, 1466
 Benson, D. F., degree, 818
 Benson, D. H., degree, 589
 Benson, Esther, degree, 1389
 Benson, H. W., appointment, 315, 1153
 Benson, Joan, fellowship, 46
 Benson, Marianne, degree, 1550
 Benson, R. A., degree, 593
 Benson, R. C., certificate, 488
 Benson, W. R., degree, 591
 Benting, Anna M., appointment, 1097
 Benton, C. H., degree, 781
 Benton, Eva F., appointment, 185, 1021
 Benton, Eva M., appointment, 289, 1125
 Benton School District, contract, 1207
 Bentz, D. M., degree, 1244
 Benzel, Roselyn M., degree, 816
 Bequests, Bellamy, A., 381, 766
 Hackett, Mrs. Jessie E., 372
 Hunter, B. F., 662, 709
 Jusina, Elsie, 523
 Miller, G. A., 607
 Phillips, J. D., trustee, request for court ruling, 380
 Reardon, N. D., payment received, 1467
 Wylie, Dr. and Mrs. S. M., 373
 Beraha, L., degree, 583
 fellowship, 777
 Berbaum, C. H., appointment, 1126
 Berbaum, E. R., appointment, 298, 1135
 Berdahl, C. A., appointment, 82, 915
 Bere, F. R., degree, 1247
 Berens, M. H., certificate, 1328
 Beres, M. C., degree, 423
 Beresford, Pauline, appointment, 325, 327
 Beresiewicz, A., fellowship, 531, 1500
 Berfield, C. M., degree, 825
 Berg, E. C., certificate, 1330
 Berg, E. W., appointment, 238, 248, 701, 1077, 1087
 Berg, Eleanor A., degree, 1386
 Berg, H. J. van den, appointment, 155
 Berg, I. D., appointment, 1376
 Berg, K. B., appointment, 140
 resignation, 402
 Berg, M., appointment, 354, 1182
 Berg, M. M., degree, 591
 Berg, Mrs. Madeline H., appointment, 293, 1098

- Berg, Virginia A., appointment, 186, 507, 1021
 Berge, Carol A., degree, 805
 Bergeim, O., appointment, 202, 1038
 Bergendahl, E., appointment, 359
 Berger, A. R., degree, 1390
 Berger, Beryl A., fellowship, 1485
 declination, 1486
 Berger, Marilyn M., degree, 816
 Berger, Mary J. K., degree, 1554
 Berger, Samuel, degree, 816
 Berger, Sheldon, degree, 1571
 Berger and Kelly, architectural services, Min-
 ing and Metallurgical Laboratory, 609
 Berger Manufacturing Co., Division of Re-
 public Steel, purchase, 1416
 Bergeron, Joan M., degree, 1557
 Bergeron, W. G., appointment, 323
 contract, 378
 Berghoff, I. B., appointment, 270, 1106
 Berggren, R. E., degree, 1576
 Bergh, T. R., degree, 803
 Bergland, Elsie, appointment, 231, 1069
 Bergland, R. E., degree, 815
 Berglund, G. T., degree, 816
 Berglund, Winifred V., appointment, 243, 702,
 1082
 Bergman, Rozlyn, appointment, 1158
 Bergmann, Mrs. Kathryn, appointment, 324,
 1163
 Bergmann, R. H., appointment, 179
 resignation, 877
 Bergquist, K. B., degree, 585
 Bergstrom, D. H., degree, 818
 Bergstrom, E. B. L., degree, 801
 Berk, B., certificate, 841
 Berke, R. D., appointment, 354, 1183
 Berkelhamer family, gift, 556, 1473
 Berkheiser, E. J., appointment, 358, 1187
 Berkman, B., gift, 1219
 Berkos, Emily E., degree, 586
 Berkove, L. I., degree, 805
 Berkovitz, Mrs. Irene R., appointment, 1423,
 1526
 Berkowitz, Joan, fellowship, 1480
 declination, 1486
 Berkson, I. B., appointment, 1448
 Berkson, L. H., degree, 594
 Berkson, M. E., degree, 823, 1573
 Berkun, Rochelle P., degree, 819
 Berlic, Mrs. Anna, appointment, 319
 Berlin, J. R., certificate, 1328
 Berlow, R. G., degree, 1564
 Berlyne, D. E., fellowship, 682
 declination, 683
 Berman, B. I., degree, 825
 Berman, Blossom P., degree, 589
 Berman, D., appointment, 390, 1270
 Berman, E. J., appointment, 363
 resignation, 572
 Berman, J., appointment, 219, 1055
 Berman, M. E., degree, 1571
 Berman, M. H., certificate, 41
 Bernier, F. H., Jr., degree, 803
 Bernabucci, Alice W., degree, 786
 Bernard, C. H., degree, 1576
 Bernardi, W. E., degree, 816
 Bernardini, G., appointment, 1320
 Bernauer, E. M., degree, 1286
 Bernbaum, E., appointment, 75, 908
 Berne, B., degree, 454
 Berner, Molly J., fellowship, 681
 resignation, 1501
 Berner, R. A., degree, 828
 Bernfield, A., certificate, 1337
 Bernhardt, C. J., degree, 1551
 Bernhardt, K. W., certificate, 1328
 Bernhart, Bernice, appointment, 317, 1155
 Bernheim, F., degree, 1251
 Bernier, R. R., degree, 1554
 Bernstein, A., appointment, 353, 1181
 Bernstein, A. D., degree, 1394
 Bernstein, B. M., degree, 1557
 Bernstein, H. I., certificate, 41
 Bernstein, J. C., degree, 1572
 Bernstein, J. K., degree, 1250
 Bernstein, L., appointment, 390, 1048, 1313
 Bernstein, L. M., degree, 830
 fellowship, 1231, 1529
 Bernstein, Lenore R., degree, 589
 Bernstein, M., degree, 822
 Bernstein, M. M., appointment, 354, 1182
 Bernstein, Myrtle L., appointment, 362, 1190
 Bernstein, R. A., degree, 819
 Bernstein, Rosa L., degree, 1559
 Bernstein, S., degree, 828
 Berrafato, P. R., appointment, 248, 1087
 Berron, W. J., degree, 795
 Berry, D. J., appointment, 291, 1128
 Berry, F. D., appointment, 358, 1186
 Berry, H. T., degree, 1546
 Berry, J. R., appointment, 1083
 Berry, J. W., appointment, 690
 fellowship, 1480
 Berry, Lyda M., lease, 1209
 Berry, M. F., appointment, 276, 1112
 Berry, Sydney B., degree, 1400
 Berryman, R. G., certificate, 841
 Berschet, M. W., degree, 1548
 Berson, Elaine S., degree, 419
 Berson, R. C., appointment, 200, 226, 353,
 1181
 resignation, 1352
 Bertagnolli, L. L., degree, 1237
 Bertani, G., appointment, 390, 869, 904
 Bertin, E. P., Jr., appointment, 690, 1376,
 1446
 degree, 1553
 Bertoni, W. E., degree, 1542
 Bertram, J. W., certificate, 42
 Berutti, M. G., degree, 816, 1544
 Besancon, R. M., appointment, 221, 1058
 Beschloss, M. R., degree, 1564
 Beschloss, M. S., degree, 1564
 Beseman, C. A., appointment, 444
 degree, 411
 resignation, 513
 Beshers, D. N., degree, 583
 Beshers, Mrs. Mae E., appointment, 295, 1131
 Beskin, M. I., certificate, 1338
 Besly, C. H., & Co., purchase, 32, 767
 Bess, J. E., degree, 411
 Besser, D. B., degree, 597
 Bessey, O. A., appointment, 202, 1038
 resignation, 1375, 1382
 Best, P. L., degree, 594
 Best, S. F., appointment, 1526
 degree, 1552
 Best, W. R., appointment, 355, 1313
 degree, 830
 Besteda, Marcelle R., diploma, 1575
 Bestor, A. E., appointment, 79, 695, 912
 Bestor, C. L., degree, 1546
 Bestor, H. L., degree, 418
 Bestor, Mrs. Ione M., appointment, 260
 Beswick, M., degree, 828
 Betancourt, M. A., degree, 794
 Betatron, manufacture under Kerst patent,
 license of Allis-Chalmers Manufacturing
 Co., 862
 See also Medical Betatron and Physics Beta-
 tron.
 Betatron beam, effect, research, gift, 1217,
 1473
 Bethlehem Steel Co., purchase, 341
 Betimis, E. J., degree, 1390
 Betoche, J. L., degree, 1398
 Beton, C. A., degree, 1554
 Bettinardi, J., appointment, 317, 1155
 Bettinghaus, E. P., Jr., degree, 1395
 Bettisworth, D. E., degree, 423
 Bettke, E. W., certificate, 488
 Betts, E. H., appointment, 390, 989
 degree, 1547
 Betts, Jane B., degree, 417

- Beucherie, J. A., degree, 1237
 Beutel, G., member of advisory committee, 1195
 Bevan, Alda L., appointment, 323, 1165
 Bevan, Mrs. Betty M., resignation, 46
 Bever, W. M., appointment, 99, 932
 Beveridge, Helen, appointment, 76, 908
 resignation, 1382
 Beveridge, Marian, appointment, 507
 Beveridge, R. M., degree, 786
 Beverly Hills Junior Women's Club, gift, 556
 Beverly Linen Co., purchase, 30, 439, 559
 Bevier Hall, remodeling, appropriation, 340, 470
 balance reappropriated, 1198
 contract, adjustment, 523, 524, 610, 865, 1361
 Bey, R. J., certificate, 841
 Beyenka, Katherine, appointment, 320
 Beyer, D., appointment, 82, 476, 698, 915
 degree, 1285
 Beyer, W. E., degree, 1548
 Beyerl, M. C., appointment, 1223
 Beyersdorf, D. A., degree, 1557
 Beym, R., degree, 1535
 Beym, Mrs. Shirley, appointment, 71, 904
 resignation, 1530
 Bezansky, Stella, degree, 805
 Bhalerao, V. R., fellowship, 1483
 Bhaskar, S. N., appointment, 1055, 1056, 1271
 degree, 829
 fellowship, 401
 Bhattacharjee, J. P., fellowship, 512, 1334
 Bhattacharyya, P. K., appointment, 390, 1223
 Bialeschki, V. F., appointment, 293
 Bianchetta, P. F., degree, 589
 Bianchini, A. C., appointment, 269
 Biason, Rosaline T., appointment, 1125
 degree, 816
 Bibby, C., appointment, 160
 Bible, R. H., Jr., degree, 1385
 fellowship, 876
 Bibles, Library, purchase, 1326
 Bica, G. A., appointment, 354, 1183
 Bice, C. C., degree, 1249
 Bice, Marjorie L., degree, 1393
 Bickel, LaVerne A., degree, 827
 Bickel, T. J., degree, 592, 1545
 Bickers, L. V., appointment, 298, 1134
 Bicket, W. J., degree, 1576
 Bicknell, F. J., appointment, 444, 643
 resignation, 877
 Biedenbach, J. M., degree, 1241
 Biegel, A. C., appointment, 206, 570, 869, 1042
 Bielenberg, Lorraine, appointment, 321, 1155
 Bienias, I. M., degree, 803
 Bieniecki, E., degree, 577
 Bieniecki, Mrs. Sarah, appointment, 1139
 Bierbaum, W. R., appointment, 1137
 Bierdeman, J. W., degree, 597
 Bierfeldt, Mrs. Marie M., appointment, 270, 1106
 Bierstedt, R. H., appointment, 85, 699, 918
 Bigger, J. R., degree, 1548
 Biggers, J. L., degree, 1566
 Biggs, Martha L., degree, 414
 Bigham, J. H., degree, 1540
 Bild, Mrs. Bernice R., appointment, 245, 390
 Bild, S. G., degree, 825
 Bile secretion, physiology of, research, gift, 1215
 Bill, Mrs. Shirley A., appointment, 244, 1083
 Billerman, W. E., degree, 584
 Billick, Mrs. Doris E., appointment, 260, 1096
 Bills, Irene, appointment, 1155
 Bills, R. S., degree, 803
 Bilsborrow, J. D., appointment, 119, 952
 Binder, Lois J., degree, 1557
 Binding, books and magazines, Library, contract, 767
 Bing, R. K., degree, 1573
 Bingenheimer, J., appointment, 1153
 Bingham, Gertrude S., degree, 1543
 Bingham, J. H., degree, 798
 Bingman, R. N., degree, 586
 Bingman, W. E., degree, 803
 Binkerd, G. W., appointment, 156, 991
 Binkley, M. A., appointment, 140
 declination, 402
 Binkley, S. B., appointment, 202, 1038, 1376, 1498
 Binkley, W. D., appointment, 1254
 Binning, R. C., degree, 1540
 fellowship, 679, 876
 Binninger, F. J., degree, 1236
 Biological Chemistry, appropriations, balances
 reappropriated, 40
 budget, 202, 308, 1038, 1144
 clinical faculty, 352, 1180
 electrophoresis apparatus, purchase, 501
 fellowship, gift, Bristol Laboratories, 1215
 head of department, appointment, 1375, 1506
 research, gift, 1215
 spectrophotometer, appropriation, 366
 purchase, 440
 release of funds, 434
 sterilizer, purchase, 670
 Biological Monographs, printing, 468
 Biological Sciences, Chicago Undergraduate
 Division, budget, 241, 331, 1080, 1173
 summer session, 701, 1457
 laboratory equipment, purchase, 441
 milling machine, purchase, 611
 remodeling, appropriation, 441
 contract, 441
 Urbana-Champaign divisions, appropriations,
 balances reappropriated, 1196
 fellows, 1479
 machine tools, appropriation, 546
 Birch, A. F., degree, 593
 Birch, Mrs. Carroll L., appointment, 204, 1039, 1223
 services to Department of State, 841
 Birch, H. J., degree, 1533
 fellowship, 401
 Birch, Shirley J., fellowship, 776
 resignation, 1316
 Bird, A. G., degree, 591
 Bird, R. B., degree, 830, 1573
 fellowship, 401
 Bird, Mrs. Thelma C., appointment, 390, 1021, 1223
 degree, 414
 resignation, 1232
 Bird, Virginia, appointment, 1166
 Bird, W. G., degree, 411
 Birdsall, B. E., degree, 820
 Birdzell, Ruth A., appointment, 390, 977
 degree, 1389
 Bireline, Mrs. Nelle A., appointment, 303, 1139
 Birge, Mrs. Kaye F., appointment, 1134
 Birkeland, C. J., appointment, 6, 111, 945
 Birkett, W. H., degree, 812
 Birkner, M. L., appointment, 88, 921
 Biro, N. G., degree, 1399
 Birr, D. J., degree, 1546
 Bisch, R. C., degree, 586
 Bischof, G. E., degree, 1566
 Bishop, C. L., Jr., degree, 597
 Bishop, L. R., degree, 814
 Bishop, M. L., degree, 809
 Bishop, M. W. H., appointment, 1271
 Bishop, Marilyn J., diploma, 1575
 Bishop, R. H., Co., contract, 638, 1290
 Bisinella, A. J., degree, 803
 Biska, H. V., degree, 823, 1573
 Biska, Joy M., degree, 799
 Bissell, S. M., appointment, 357, 1185
 Bistrutz, H. S., degree, 588
 Bisulfite, research, gift, 551
 Bitter, H. J., degree, 1241

- Bitterman, A. A., degree, 817
 Bitting, Barbara, appointment, 186, 1021
 Bittman, A., certificate, 41
 Bitz, D. E., degree, 411
 Bjelland, A. A., degree, 416
 Bjurstrom, Mrs. Dorothy D., appointment, 314
 Blackman, M. M., degree, 586
 Black, C. J., appointment, 530, 1186
 Black, Dorothy M., appointment, 186, 1021
 Black, Elinor J., degree, 805
 Black, Mrs. Esther A., appointment, 182
 declination, 402
 degree, 453
 Black, H. W., degree, 453
 Black, Helen F., appointment, 320
 Black, L. M., appointment, 1337
 Black, Lulu S., appointment, 109, 118, 942,
 951
 Black, Marilyn L., appointment, 296
 Black, Robert Abner, degree, 788
 Black, Robert Alan, degree, 589
 Black, R. D., degree, 1393
 fellowship, 1479
 Black, W. E., appointment, 133, 701, 969,
 1456
 Blackard, R. F., degree, 809
 Blackburn, Ida B., litigation, decision, 374
 legal services, payment, 435
 Blackduck State Bank, depository for civil
 engineering petty cash fund, 1324
 Blacker, R. D., appointment, 1129
 Blackie, W., member of advisory committee,
 36
 resignation, 483
 Blackman, A., appointment, 310
 Blackman, I. L., certificate, 41
 Blackman, J. C., degree, 423
 Blackmore, W. P., appointment, 221, 222, 390
 fellowship, 1231
 resignation, 877
 Blackstone, G. R., appointment, 66, 898
 Blacktop Roads Co., contract, 707
 Blackwell, H. B., II, degree, 1401
 Blackwell, J. H., degree, 593
 Blackwell, W. A., degree, 1542
 Blackwell Wielandy, purchase, 767
 Blades, M. M., degree, 411
 Blaford, J. S., appointment, 272, 1108
 Blagen, Helen L., appointment, 673
 Blaha, E. W., degree, 591
 Blair, Barbara, appointment, 331, 1172
 Blair, E. S., degree, 1569
 Blair, G. M., appointment, 144, 691, 980, 1447
 Blair, Jesse C., degree, 1241
 Blair, Joseph C., appointment, 91, 925
 Blair, J. M., degree, 792
 Blair, J. S., appointment, 1223
 degree, 783
 Blair, L. J., degree, 585
 Blaisdell, Daisy L., appointment, 79, 912
 Blaisdell, E. M., degree, 813
 Blake, C. H., degree, 805
 Blake, F. E., Jr., degree, 805
 Blake, Lois J., degree, 1249
 Blakeley, V. C., degree, 1241
 Blakeman, C. C., fellowship, 1484
 declination, 1486
 Blaker, Nancy L., degree, 589
 Blakeslee, G. K., degree, 790
 Blakeslee, Mrs. Janet S., appointment, 182,
 1017
 leave of absence, 1280
 Blanchard, Carol, painting, purchase, 1466
 Blanchard, T. E., degree, 1561
 Blanchard, W. O., appointment, 78, 694, 910
 Bland, A. G., degree, 1398
 Bland, Lois J., appointment, 110, 117
 resignation, 402
 Bland, R. A., Electric Co., bid, 1519
 contract, addition, 438
 Blandford, B. J., certificate, 1328
 Blanksma, Lorraine A., degree, 825
 Blanyer, C. G., degree, 802
 Blasius, R. H., degree, 586
 Blaski, R. B., degree, 1553
 Blatt, J. M., appointment, 132, 698, 967
 Blatt, N. H., appointment, 1476
 Blaut, Helen, appointment, 322, 1164
 Blaзаich, Adella M., appointment, 309, 1145
 Blaze, J. E., appointment, 264, 298, 1100,
 1134
 Blaze, Ruth E., degree, 1560
 Blazina, M. E., degree, 823, 1573
 Bleacher, portable, patent rights, release, 458
 Bleakney, W., appointment, 136
 Blechinger, F. X., degree, 790
 Bleck, J. H., degree, 801
 Bleck, T. F., degree, 817
 Bleeker, M. J., degree, 593
 Bleiler, W. E., degree, 1576
 Bleiweis, S., certificate, 1328
 Blessing, R. J., Jr., degree, 1566
 Blessman, R. H., degree, 813
 Blevins, Marjorie A., degree, 812
 Blicharski, E. F., degree, 1565
 Blick, J. G., degree, 419, 1390
 Blickman, S., Inc., purchase, 670
 Blindt, Elizabeth M., degree, 1246
 Blindt, J. J., fellowship, 1351
 Blinick, G. H., degree, 828
 Bliss, Rachel, appointment, 1376, 1476
 degree, 1576
 Bliss, W. R., degree, 1397
 Block, B., appointment, 362, 673, 1190
 Block, B. R., degree, 790
 Block, Bette O., appointment, 259, 1095
 Block, Helene T., degree, 591, 1236
 Block, R. F., appointment, 271, 1107
 Block, Renee B., degree, 590
 Block, W. J., fellowship, 512, 682
 Blodgett, D. R., appointment, 43
 Blodgett, R. H., appointment, 141
 resignation, 402
 Blodgett, R. W., degree, 594
 Blomberg, Jeanne A., appointment, 269
 Blomberg, June C., appointment, 269
 Blomberg, L. F., degree, 823, 1573
 Blomquist, C. A., appointment, 221, 1058
 degree, 1386
 Blomstrom, D. C., fellowship, 677, 1480, 1500
 resignation, 1501
 Blood, value of ultra-violet irradiation, re-
 search, gift, 551
 Blood bank revolving account, Research and
 Educational Hospitals, 231, 1069
 Blood cell formation, research, gift, 1216
 Bloodgood, Eleanor F., appointment, 264, 1100
 Bloodgood, O. H., degree, 1557
 Bloom, I. B., degree, 805
 Bloom, L. R., appointment, 127, 773, 962
 Bloom, L. W., appointment, 242, 1081
 Bloom, M., fellowship, 681
 resignation, 1232
 Bloom, Margaret, appointment, 75, 693, 908,
 1449
 Bloom, Roberta, degree, 592
 Bloomer Heating & Ventilating Co., contract,
 addition, 715, 850
 change, 639
 Bloomington Engraving Co., purchase, 838
 Bloomquist, Y. S., degree, 586
 Bloss, F. D., appointment, 243, 673
 Bloss, F. G., degree, 1536
 Blosser, L. G., degree, 781
 Blue, L. R., degree, 1557
 Blue, M. R., appointment, 297, 1134
 Blue, Phyllis J., degree, 1550
 Blueprinting and Photographic Laboratory,
 budget, 290, 1127
 Bluestein, Claire K., degree, 450
 Blum, B., certificate, 535, 1330
 withheld, 664
 Blum, E. I., degree, 1563

- Blum, Eleanor, appointment, 186, 507, 1021
 Blum, M. I., certificate, 841
 Blum, M. S., degree, 1397
 Blum, S., degree, 595
 Blumberg, A. E., certificate, 1357
 Blumenfeld, A., certificate, 41
 Blumenthal, Esther L., degree, 790
 Blumenthal, Mrs. Frances, appointment, 327, 1168
 Blumenthal, H., appointment, 359, 1187
 Blumenthal, L. H., degree, 790
 Blumklotz, B., appointment, 359, 1187
 Blyth, C. R., appointment, 81, 914
 Blyth & Co., Inc., bid, 1356
 Blythe, R. C., certificate, 841
 B'nai B'rith, Women's District Grand Lodge No. 6, gift, 1211
 Board, A. V., appointment, 202, 1037
 Board, T. G., degree, 418
 Boardman, Mrs. Phyllis C., appointment, 260
 Boardman, R. S., degree, 1390
 fellowship, 680
 resignation, 1382
 Board of Trustees, budget, 58, 255, 891, 1092
 executive committee, election, 601, 1404
 inspection of quarters and facilities of Chicago Undergraduate Division, 1336
 members whose terms of office expire, appreciation of services, 600, 642
 officers, delegation of signatures, 601, 1404
 election, 600, 1404
 standing committees, 602, 1405
 treasurer, appointment, 504
 wages and expenses, appropriation, 733
 Boas, W., appointment, 278, 1114
 Boatright, Alice A., appointment, 1376
 degree, 1547
 Boatright, W., degree, 411
 Boaz, C. P., Jr., degree, 802
 Bobbitt, D. J., degree, 1554
 Boberg, K., appointment, 1163
 Bobo, W. B., degree, 1573
 Bobotek, H. G., degree, 809
 Bobzien, F. L., degree, 1571
 Bock, Sara, appointment, 307, 1143
 Bockman, T., Jr., degree, 1286
 Boddy, B. L., degree, 798
 Bode, J. L., appointment, 267
 Bodenmann, Joan, degree, 1550
 Bodley, Mrs. Mary, appointment, 328
 Bodnar, S. J., appointment, 690, 1446
 Boehme, C. J., degree, 816
 Boers, G., Equipment Co., purchase, 31
 Boers, J. R., Heating Co., contract, 1344
 Boese, Marion F., degree, 805
 Boesiger, J. V., degree, 804
 Boffo, L. S., fellowship, 1482
 Bogaard, Barbara J., degree, 1557
 Bogan, Mrs. Barbara J., appointment, 1098
 Bogard, Mrs. Norma, appointment, 1138
 Bogart, E. L., appointment, 140, 975
 Bogen, G., degree, 823, 1573
 Bogess, W. R., appointment, 93, 107, 927, 941
 Bogges and Cogdal, purchase, 32
 Bogolub, Lenore, degree, 805
 Bohl, R. W., appointment, 131, 966
 Bohland, Rosella A., appointment, 324, 1162
 Bohlen, W. H., degree, 411
 Bohm, H. V., degree, 583
 Bohn, Eileen A., appointment, 309
 Bohne, V. C., certificate, 1490
 Bohneberg, H. A., degree, 583
 Bohning, Anne, appointment, 360, 1189
 Bohon, Mrs. Florence S., appointment, 1132
 Bohon, S. E., degree, 805
 Boikan, W. S., appointment, 353, 1181
 Boiler and machinery insurance, Physical Plant, 33
 Boiler and Radiator Manufacturers, Institute of, contract, change, 1208, 1306
 Boilerhouse, name, 609
 Boiler production, study, contract, change, 865, 1464
 Boiler waters, solubility of, study, contract, change, 1417
 Bojars, N. E., degree, 809
 Bokenkamp, H. J., appointment, 128, 963
 degree, 1245
 Bokenkamp, J. W., degree, 1566
 Bokman, W. W., degree, 798
 fellowship, 676
 declination, 683
 Bolam, J. O., Jr., degree, 1564
 Boland, Patricia J., appointment, 390, 572
 Bolar, Bernice A., degree, 785
 Bolden, T. E., degree, 830
 resignation, 1232
 Boley, C. M., appointment, 279, 1115
 Boley, L. E., appointment, 163, 507, 998
 Boley, M. H., appointment, 356, 1185
 Bolka, Mrs. Ann F., appointment, 328, 1170
 Bolling, Mattie L., degree, 827
 Bollinger, E. H., appointment, 444
 degree, 789
 Bollinger, F. W., appointment, 1044
 declination, 1232
 fellowship, 447
 Boloten, M., fellowship, 681, 1315, 1485
 Bolshon, H. R., certificate, 41
 Bolte, Mrs. Huldah, appointment, 321, 1163
 Bomba, J. S., degree, 591
 Bona, A. J., degree, 809, 1554
 Bonaguidi, R. L., degree, 421
 Bonar, B. E., appointment, 357
 Bonar, Donna M., degree, 1557
 Bond, D. R., degree, 1548
 Bond, Diana M., appointment, 1160
 Bond, Dorothy E., degree, 586
 Bond, E., appointment, 202, 507, 1033
 Bond, E. A., appointment, 692
 Bond, Elizabeth J., appointment, 318, 1157
 Bond, Ethel, appointment, 167, 1003
 Bond, J. H., Jr., degree, 790
 Bond, Joanne L., appointment, 1124
 Bond, R. C., degree, 586
 Bond, R. D., degree, 1576
 Bonds, Chicago housing project, legal services, payment, 736
 printing, contract, 622
 resolution authorizing issue, 622
 Dentistry-Medicine-Pharmacy Building, remodeling second unit, printing, contract, 622
 resolution authorizing issue, 622
 Men's Residence Halls, authorization of issue, resolution, 1363
 award, 1356, 1362
 bids, 1356
 new, authority to sign, 1343
 redemption, 1341
 refinancing, 1341
 residence halls expansion, authority to award, 1343
 authority to secure bids, 763
 authority to sign, 1343
 Treasurer, 518, 601, 868
 increase, 379
 Bone, D. H., degree, 594
 Bone, Q., fellowship, 1351
 Bone, R. G., appointment, 74, 79, 181, 907, 912
 director of Athletic Association, 604, 1409
 Bone, W. K., degree, 1563
 Bone, W. R., degree, 788
 Bone and cartilage, effect of betatron electron beam, research, gift, 1217
 Bonafeste, J. V., degree, 785
 Bonem, S. J., degree, 417
 Bonesz, Mrs. Dawn M., appointment, 1131
 Bonesz, L. W., degree, 1565
 Bonfils fellowship for music research, gift, 1213
 Bonham, Lois, appointment, 317, 1155
 Bonhiver, H. A., certificate, 41
 Bonk, Helen, degree, 805
 Bonn, B. R., degree, 1567

- Bonnell, Clarissa S., degree, 1386
 Bonner, R. J., degree, 597
 Bonness, Q. L., degree, 1243
 Bonnett, O. T., appointment, 98, 932
 Bonneville, Joyce A., diploma, 1575
 Bonucci, P. A., degree, 1548
 Boodell, Pat J., degree, 424
 Book, E., degree, 802
 Bookcases, purchase, Animal Sciences Laboratory, 852
 Veterinary Medicine Building, 853
 Booker, Jo Anne, 161, 996
 Bookkeeping machine, Business Office, appropriation, 1359
 purchase, 1360
 Books, collections for research in English literature, purchase, 32
 gift, Engineering Library, 1214
 Harper collection on architecture, 551
 Bookstacks, Chicago Undergraduate Division, appropriation, 762
 Bookstore, University, operation, report of General Policy Committee, 1523
 Bookwalter, G. N., degree, 799
 Boomer, J. H., degree, 1248
 Boon, G. W., certificate, 488
 Boone, R. O., degree, 822, 1571
 Boor, W. J., degree, 1399
 Boorman, Evelyn, appointment, 1160
 Booth, A. W., appointment, 78, 694, 911
 leave of absence, 1316
 Booth, R. W. W., degree, 791
 Booth & Thomas Co., purchase, 32
 Boothe, Enid O., degree, 1557
 Boots, D. L., certificate, 1490
 Bopp, Mildred C., degree, 421
 Bopquist, G. E., degree, 1567
 Borah, Grace F., appointment, 328, 1169
 Borchelt, Ruth T., degree, 1241
 Borcharding, R. M., degree, 803
 Bordeaux, D. R., degree, 825
 Borden, G. H., degree, 823
 Borden, Helen S., degree, 1389
 Borden Co., contract, 523
 change, 1306
 Borden Company Foundation, Inc., gift, 548, 553, 1216, 1467
 Borek, Dolores S., degree, 828
 Boresi, A. P., appointment, 134, 970, 1376
 Borg, A. F., appointment, 71, 689, 903, 1476
 Borgatell, R. F., degree, 808
 Borgenicht, Grace, Gallery, purchase, 1466
 Borgeson, E. P., certificate, 841
 Borgeson, L. A., certificate, 1337
 Borgolte, A. J., degree, 828
 Borhauer, Mrs. Shirley, appointment, 313
 Boric acid, toxicity to tissues and bacteria, research, gift, 554
 Borke, M. L., degree, 828
 Borklund, C. W., degree, 1564
 Borkowski, B. A., degree, 802
 Borleff, Mrs. Luba B., appointment, 263, 1099
 Borleff, S., appointment, 289, 1125
 Borman, W. M., degree, 1542
 Bormann, Mrs. Valborg F., appointment, 308
 Born, Gwendolyn A., degree, 819
 Born, J. H., degree, 1394
 Bornarth, D. M., appointment, 1349
 degree, 1394
 Borok, L., degree, 1399
 Borri, R. P., appointment, 128, 963
 Borrino, J., degree, 1550
 Borrino, Vera M., degree, 1554
 Borromeo, J. N., degree, 813
 Borta, F. W., degree, 820
 Borth, D., resignation, 46
 Borton, Rebecca K., appointment, 114, 164, 947, 948, 999
 resignation, 1486
 Borucki, E. A., Jr., appointment, 869, 1058, 1271
 degree, 828
 Bosch, Eileen M., appointment, 258
 Bosco, Jennie M., appointment, 1271
 Bosco, L., degree, 1547
 Bosket, Dorothea M., degree, 1244
 Boskoff, A., appointment, 390, 699
 Bosley Wrecking Co., contract, 657, 769, 1207, 1303, 1304, 1360
 Bosomworth, E. L., degree, 1241
 Bosselman, Mrs. Beulah C., appointment, 211, 1047
 Bossi, Charlotte, appointment, 322, 1164
 Bossi, Edith, appointment, 1159
 Bossi, Gloria, appointment, 1159
 Bost, J. S., degree, 788
 Bost, W. L., degree, 1551
 Bostick, C. W., degree, 794
 Bostwick, Leila T., appointment, 9
 Boswell, B. D., degree, 423
 Boswell, B. E., degree, 415
 Boswell, H. C., appointment, 282, 1118
 Boswell, J. R., degree, 825
 Boswell, Mrs. Marialyce H., appointment, 273
 Boswell, P. P., appointment, 352, 1180
 Boszormenyi-Nagy, I., appointment, 729, 1048
 Botany, air conditioning rooms in Natural History Building, appropriation, 1259
 contract, 1259
 appropriations, balances reappropriated, 37, 1196
 autoclaves, purchase, 499
 budget, 71, 265, 904, 1101
 summer session, 689, 1445
 equipment, appropriation, 434
 fellows, 677, 1479
 greenhouse, repairs and alterations, appropriation, 521
 laboratory furniture, purchase, 1520
 remodeling, appropriation, 521, 1339
 Botany Annex, greenhouse remodeling, appropriation, balance reappropriated, 39
 Bothwell, Hazel, appointment, 87, 150, 1159
 Bottomley, T. E., degree, 1541
 Bottorff, A. A., degree, 1568
 Bottrell, G. D., degree, 1548
 Boub, K. W., degree, 1564
 Bouc, O., Jr., degree, 809
 Bouchard, J. B., appointment, 1448
 Bouchard, R. L., degree, 819, 1546
 fellowship, 681
 Boudreau Trust Fund, gift, 547
 Boulden, J. B., degree, 801
 Bouldin, Mabel S., degree, 414
 Bouldin, R., appointment, 1141
 Bouldin, R. F., appointment, 307, 1144
 Boulding, E. A., Jr., degree, 586, 1540
 Bourdage, G. A., degree, 1398
 Bourgin, D. G., appointment, 80, 869, 913, 1526
 Bourke, E. R., certificate, 1330
 Bousfield, J. R., fellowship, 680
 declination, 731
 Bouslog, W. A., degree, 798
 Bousma, W. J., appointment, 80, 695, 912, 1451
 Bovee, R. P., degree, 588
 Bovik, R. E., degree, 1249
 Bovine brucellosis immunization, research, gift, 550, 1213
 Bowden, Jane R., appointment, 309
 Bowe, J. C., degree, 1283
 Bowen, C. E., appointment, 171, 1006
 Bowen, Dorothy E., appointment, 156, 990
 Bowen, G. R., certificate, 841
 Bowen, H. R., appointment, 137, 140, 975
 member of committee for Kyoto Seminar, 1419
 resignation, 487
 Bowen, Mrs. Naomi J., appointment, 301, 1138
 Bowen, Willa C., degree, 819
 Bower, A. T., degree, 814
 Bower, E. R., degree, 583
 Bower, G. F., degree, 1563
 Bower, L. E., appointment, 360, 1189

- Bower, Lavinia M., degree, 1543
 Bower, O. K., appointment, 81, 914
 Bower, T. D., certificate, 841
 Bowerman, F. W., appointment, 293, 1129
 Bowers, R. J., degree, 816
 Bowers, W., appointment, 729, 931, 950
 Bowes, J. R., degree, 815
 Bowing, Nancy, appointment, 321
 Bowlden, H. J., degree, 1283
 Bowles, H. G., certificate, 489
 Bowles, J., III, degree, 820
 Bowman, A. H., appointment, 267, 1103
 Bowman, C. E., appointment, 134, 969
 Bowman, C. H., appointment, 164, 262, 695, 1000, 1451
 degree, 417
 director of Athletic Association, 604, 1409
 member of committee to hear charges against P. J. May, 605
 Bowman, Hertha L., appointment, 1113
 Bowman, J. J., degree, 1563
 Bowman, J. P., degree, 1567
 Bowman, L., Jr., degree, 801
 Bowman, Mrs. Marcia, appointment, 76
 resignation, 402
 Bowman, V., appointment, 1111
 Bowman, W. E., appointment, 325
 Bowman Dairy Co., gift, 1215
 Bowness, L. J., appointment, 507, 1187
 Boxerman, Roslyn M., degree, 1566
 Boyce, L. C., degree, 818
 Boyd, Alice L., appointment, 184
 Boyd, Anne M., appointment, 167, 1003
 Boyd, E., degree, 1539
 Boyd, H. F., degree, 411
 Boyd, James F., degree, 411
 Boyd, Joseph F., Jr., degree, 411
 Boyd, M. A., degree, 1567
 Boyd, N. D., appointment, 303, 1139
 Boyd, R. W., degree, 1250
 Boyd, Retta E., appointment, 227, 1064
 Boyer, D. R., degree, 1393
 Boyer, D. S., degree, 1390
 Boyer, D. T., appointment, 258, 1094
 Boyer, F. A., degree, 1241
 Boyer, G. F., degree, 796
 Boyle, A. J., degree, 586
 Boyle, B. F., certificate, 1330
 Boyle, M. J., & Co., gift, 550
 Boyll, R. W., certificate, 841
 degree, 813
 Boys, F. E., appointment, 159, 994
 Boysen, H., appointment, 356, 1185
 Bozarth, Beatrice, appointment, 327, 1169
 Bozarth, M. E., degree, 805
 Brabanec, Jo Ann, appointment, 1163
 Brackett, Jane E., appointment, 301, 1138
 Brackett, W. W., degree, 1398
 Bradbeer, M. R., degree, 1250
 Bradburn, J. T., degree, 803
 Bradbury, C. E., appointment, 154, 988
 Bradbury, T. A., appointment, 300, 1136
 Bradd, S. H., Jr., degree, 596
 Bradel, T. E., degree, 823
 Bradfisch, D. E., degree, 586
 Bradford, C. E., appointment, 476, 673
 Bradford, Elizabeth, degree, 1241
 Bradley, Beth, appointment, 156, 991, 1452
 Bradley, Betty J., degree, 1500
 Bradley, E. B., degree, 816
 Bradley, Mrs. Joan, appointment, 1142
 Bradley, P., resignation, 402
 Bradley, T. R., degree, 424
 Bradley, W. Q., degree, 823, 1573
 Bradner Smith & Co., purchase, 31, 343, 1305
 Bradshaw, G. R., resignation, 402
 Bradshaw, Jean C., degree, 812
 Bradshaw, R. B., degree, 816
 Brady, Mrs. Dorothy S., appointment, 141, 142, 570
 leave of absence, 732
 resignation, 1232
 Brady, G. J., certificate, 42
 Brady, Helen, appointment, 329
 Brady, W. F., degree, 1285
 Bragdon, D. E., appointment, 869
 Bragg, E. M., Jr., degree, 419
 Bragg, Janet S., appointment, 266, 1102
 Brahana, H. R., appointment, 80, 913, 1451
 Brahm, E. J., Jr., degree, 1251
 Brain biochemistry, research, gift, 1216
 Brak, Helen, appointment, 321
 Brak, Margaret, appointment, 1159
 Brakensiek, D. L., degree, 585, 586, 1538
 Bramble, Edith A., degree, 1244
 Bramel, Mrs. M. Maxine, appointment, 261
 Bramel, R. G., degree, 1568
 Bramlet, E. F., degree, 424
 Bramlet, T. G., degree, 596
 Brams, Elaine, degree, 819
 Brancato, S. P., degree, 1251
 Branch, B. H., Jr., degree, 1543
 Branch, C. D., appointment, 363, 1192
 Branch, J. E., appointment, 153, 689
 resignation, 402
 Branch, Mrs. Marjorie L., appointment, 1223
 Brand, A. M., appointment, 357
 Brandell, R. A., certificate, 41
 Brandenburg, H. S., degree, 586
 Brandes, R. E., degree, 1243
 Brandon, A. N., appointment, 1526
 degree, 1244
 Brandsma, L., degree, 1550
 Brandwein, R. F., degree, 422
 Branigan, D. A., appointment, 155, 336, 390, 672, 696, 990
 Branigan, D. M., degree, 595
 Brannan, Nancy L., fellowship, 1484
 Brannick, Mrs. Patricia S., appointment, 314
 Brannick, T. L., degree, 830, 1573
 Brannin, D. P., Jr., certificate, 41
 Brannon, Ann, appointment, 322, 1164
 Brannon, J. L., Jr., degree, 830
 Brannon, Mildred J., appointment, 267, 1526
 Brannon, R. I., appointment, 297, 1134
 Bransby, E. J., appointment, 154, 989
 resignation, 1382
 Bransford, L. W., appointment, 300
 Bransky, R. N., degree, 789
 Brantley, G. H., degree, 411
 Brantley, Lucille H., degree, 793
 Brantman, A., degree, 417
 Brantner, Marcella, appointment, 331, 1173
 Branz, E. E., degree, 1568
 Brash, J., appointment, 292
 Brash, W. D., appointment, 298, 1134
 Brasley, M., degree, 820
 Brasmer, T. H., appointment, 163, 476, 998
 resignation, 1501
 Brasure, D. E., fellowship, 1480
 Bratman, R. L., degree, 823, 1573
 Braucher, H. H., appointment, 146, 982
 Braude, M., appointment, 361, 1190
 Brauer, W. H., degree, 815
 Brauer, W. P., degree, 1246
 Braught, D. M., degree, 588
 Braun, B. D., appointment, 362, 1191
 Braun, Catherine H., degree, 1560
 Braun, D. L., degree, 1399
 Braun, G., degree, 817
 Braun, G. E., degree, 1552
 Braun, H. J., appointment, 160, 994
 Braunfeld, Mrs. Johanna, appointment, 242, 702, 1081
 Braverman, M. J., degree, 1554
 Bray, J. R., degree, 419
 Bray, R. H., appointment, 98, 932
 leave of absence, 604
 Brazell, Nancy J., appointment, 1376
 Brazelton, D. H., degree, 799
 Brazen, L. J., degree, 417
 Brebis, G. J., appointment, 205, 390, 1040
 Brebner, C. E., degree, 814
 Bredar, F. R., degree, 585
 Bredehorst, Hortense J., degree, 1241
 Breed, E. R., degree, 586

- Breen, Dorothy J., appointment, 267, 1109
 Breen, H. E., appointment, 139, 974, 1446
 Breen, J. J., Jr., degree, 594
 Breen, J. L., appointment, 161, 697, 893, 995
 Breen, Mrs. Jacqueline A., appointment, 1124
 Bregman, B., certificate, 1328
 Breiger, B., degree, 1387
 Breister, B. W., appointment, 357, 1185
 Breit, Frances M., appointment, 1271
 Breland, H. L., appointment, 100, 934
 degree, 1384
 Bremer, J. L., degree, 1571
 Bremer, Jean F., certificate, 841
 Bremer, Mrs. Norma L., appointment, 264
 Brenna, L. J., degree, 803
 Brennan, J. F., appointment, 1526
 degree, 1545
 Brennan, J. X., fellowship, 679, 1483
 resignation, 1279
 Brennan, L. E., appointment, 127
 degree, 575
 resignation, 572
 Brennan, Mary E., appointment, 297, 1133
 Brennan, Mrs. Mary E., appointment, 1163
 Brennan, R. L., degree, 1395
 Brennan, W. C., degree, 1571
 Brennand, C., degree, 1546
 fellowship, 1351
 Brennehan, Gertrude E., degree, 411
 Brenner, H. B., degree, 1571
 Brenner, J. J., Jr., degree, 1576
 Brenner, N. G., Jr., degree, 586
 Brenner, R. L., degree, 1566
 Bresee, H. R., insurance purchased, 711
 Bresee, J. J., contract, 441
 Bresee, Jeanne, degree, 805
 Bresee, Joyce A., degree, 805
 Breskin, N. S., degree, 797
 Breslauer, M. H., certificate, 841
 Bresler, J. B., fellowship, 1352
 Breslow, L., appointment, 360, 1189
 Bresnahan, Mrs. Alice, appointment, 325, 1167
 Bressan, Ines M., degree, 414
 Bressler, Anita, degree, 1571
 Bressler, L. M., degree, 823, 1573
 Brethorst, Janice T., degree, 812
 Bretscher, E. R., appointment, 124, 691, 958
 degree, 790
 Brett, R., appointment, 700, 1456
 Bretz, W. E., appointment, 355, 1183
 Breuer, J. P., Jr., degree, 597
 Breuhaus, H. C., appointment, 353, 1182
 Brewbaker, O. L., degree, 1561
 Brewae, A., appointment, 286, 1123
 Brewer, Mrs. Elizabeth, appointment, 1142
 Brewer, Frances, appointment, 8
 Brewer, H. J., certificate, 41
 Brewer, M. C., appointment, 160, 995
 Brewer, R. F., appointment, 277, 1113
 Brewster, Nancy T., degree, 1390
 Brewster, R. R., appointment, 79, 912
 Brexa, J. J., degree, 803
 Breyer, O., degree, 822
 Brick, Mary J., degree, 1550
 Brickbauer, Lydia, appointment, 9, 1307
 Bricks, lead, Physics, purchase, 500
 Bridge, N. W., degree, 1566
 Bridges, study, contract, 769
 change, 769, 1495
 Bridges, J. E., degree, 1284
 Bridges, J. R., degree, 580
 Bridgewater, F. A., appointment, 181, 1017
 degree, 411
 Bridgewater, W. T., certificate, 488
 Brien, R. O., degree, 805
 Briere, Shirley J., degree, 1397
 Briggs, B. M., appointment, 334, 1176
 Briggs, C. C., appointment, 153
 resignation, 1232
 services continued, 474
 Briggs, C. W., appointment, 154, 989, 1445
 Briggs, G. E., degree, 803
 Briggs, Hattie E., degree, 407
 Briggs, Marguerite, appointment, 109, 117,
 943, 950
 Briggs, Marilyn L., degree, 811
 Briggs, Rebecca, appointment, 184, 1019
 Brigham, R. J., degree, 790
 Bright, D. B., appointment, 690
 degree, 410, 1533
 fellowship, 677
 declination, 731
 Bright, J. O., degree, 808
 Bright, W. J., degree, 1395
 Bright, W. P., certificate, 1328
 Brightbill, C. K., appointment, 704, 994, 1453
 Brighton, G. D., appointment, 139, 690, 975
 certificate, 841
 Brill, J. A., Jr., degree, 1548
 Brill, J. W., appointment, 390, 965
 resignation, 1232
 Brill, N., degree, 1571
 fellowship, 1231
 Brill, R. G., appointment, 145
 resignation, 448
 Brim, J. R., degree, 1393
 Brimhall, Pauline N., appointment, 1178
 Briney, W. F., degree, 809
 Brink, L. R., degree, 785
 Brinkerhoff, G. E., degree, 1248
 Brinkman, R. M., degree, 1562
 Brinkmann, Jean L., diploma, 1575
 Brinkworth, B. D., appointment, 530, 988
 Brinton, M. H., appointment, 1271
 Brisbane, S., gift, 551
 Brisbane papers, gift, 551
 Brisbois, J. A., appointment, 1175
 Brischke, Marilyn E., degree, 1550
 Briscoe, J. W., appointment, 124, 958
 leave of absence, 732
 Bristol, F. R., degree, 797
 Bristol, G. R., degree, 1287
 Bristol Laboratories, gift, 552, 1215
 Bristow, Barbara, appointment, 1144
 Bristow, R. H., appointment, 1333
 Britsky, N., appointment, 154, 689, 989
 Britton, W. E., appointment, 164, 1000
 Brix, Willedotte, degree, 1565
 Brixey, A. M., appointment, 355, 1183
 Broad, F. F., appointment, 302, 1138, 1139
 Broadbent, E. E., appointment, 96, 115, 117,
 118, 929, 949, 950, 953
 degree, 449
 Broadbent, M., degree, 1240
 Broadcasting, educational, project to strengthen,
 grant of funds, 765
 Broadcasting, University, budget, 169, 288,
 1004, 1125
 multichannel tape duplicator, purchase, 1465
 revolving account, 169, 289
 tape recorders, purchase, 1360
 Broadrick, K. W., appointment, 86
 degree, 452
 Broadway, C., Inc., purchase, 768
 Broadway, South, area, sanitary sewer, exten-
 sion, University's share of cost, 27
 Broadway Ford, Inc., purchase, 525
 Brock, J. W., Jr., degree, 1544
 Brockett, R. W., appointment, 269, 1106
 Brockhouse, Mrs. Bernice M., appointment,
 304, 1140
 Brockhouse, R. B., degree, 1285
 fellowship, 1352, 1483
 Brockman, R. J., degree, 823, 1573
 Brockmeier, Corinne A., degree, 1560
 Brockriede, W. E., appointment, 1456
 Brockrogge, D. F., degree, 801
 Brockway, Doris J., appointment, 108
 resignation, 448
 Brod, M. S., degree, 591
 Broda, R. R., degree, 784
 Broday, A. J., degree, 589
 Broder, S. B., appointment, 361
 Broderick, C. R., degree, 423

- Brodie, A. G., appointment, 215, 220, 1051, 1056
 member of advisory committee, 562
 Brodie, A. G., Jr., degree, 823
 Brodie, D. H., degree, 1566
 Brodnick, R. M., degree, 583
 Brodsky, H., degree, 594
 Brodt, M. E., degree, 416
 Brody, T. M., degree, 1569
 resignation, 402
 Broghamer, E. L., appointment, 129, 696, 963
 Brogren, R. C., degree, 1566
 Broich, L. A., degree, 424
 Broihier, E., appointment, 1125
 Brolander, G. E., degree, 815
 Broley, Maria, appointment, 1190
 Bromberg, Mrs. Ruth L., appointment, 362, 444
 resignation, 777
 Bromley, A. L., degree, 817
 Bromley, Ann, appointment, 239, 1078
 Bronfenbrenner, Mrs. Jean A., appointment, 142, 570, 673
 leave of absence, 479
 Brons, K. A., degree, 1544
 fellowship, 680
 Bronson, Barbara, appointment, 183
 resignation, 777
 Bronstein, I. P., appointment, 208, 390, 1189
 Brookes, V. J., degree, 792
 Brookey, W. W., appointment, 287, 1123
 Brook Hill Farms, Inc., gift, 547, 1467
 Brooks, Edna B., degree, 812
 Brooks, Fannie M., appointment, 108, 942
 Brooks, G. A., degree, 1237
 Brooks, J., degree, 585
 Brooks, J. A., appointment, 673, 959, 1476
 Brooks, J. H., degree, 1561
 Brooks, J. L., degree, 407
 Brooks, J. R., degree, 588
 Brooks, Mrs. Lois M., appointment, 273, 1108
 Brooks, M. H., Jr., degree, 1576
 Brooks, R., appointment, 358
 Brooks, R. E., degree, 1241
 Brooks, R. G., appointment, 60, 76, 700, 900, 909
 declination, 1232
 degree, 1282
 Brooks, R. L., degree, 408
 Brooks, S. M., fellowship, 876
 resignation, 1279
 Brooks, Thelma, degree, 584
 Brooks, W. A., Jr., degree, 409
 Brooks, W. W., appointment, 293, 1129
 Brookstone, A. F., degree, 421
 Broom, Harriett, appointment, 291, 292, 1128
 Broomall, Beatrice B., appointment, 281, 1117
 Brophy, E. M., appointment, 43, 869, 898
 Brophy, J. T., certificate, 488
 Broscoe, A. J., fellowship, 680
 declination, 683
 Brotherton, F. P., appointment, 1271
 Brotsos, J. A., degree, 1285
 Broudy, H. S., appointment, 1526
 Brough, R. H., degree, 1557
 Brouillette, R. V., degree, 803
 Brousek, Blanche, appointment, 1155
 Broussard, L., appointment, 242, 1081
 declination, 1279
 Broussard, M. N., appointment, 140, 690, 975
 Brouwer, H. J., degree, 822
 Brown, A., degree, 1544
 Brown, A. E., degree, 409
 Brown, A. L., Jr., appointment, 363
 resignation, 777
 Brown, Ann, appointment, 1094
 Brown, Mrs. Antoinette F., gift, 1262
 Brown, B. C., appointment, 277
 Brown, B. M., degree, 1552
 Brown, B. O., degree, 788
 Brown, Mrs. Betty, appointment, 1094
 Brown, C., painting, purchase, 1466
 Brown, C. D., appointment, 363, 1192
 Brown, C. E., degree, 596
 Brown, Claire E., degree, 820
 Brown, C. H., appointment, 350, 390
 Brown, C. R., degree, 1564
 Brown, Concetta T., diploma, 1575
 Brown, Mrs. Cordelia V., appointment, 260, 1096
 Brown, D. A., appointment, 168, 185, 1003, 1020, 1244
 Brown, D. E., appointment, 166, 169, 1002, 1005, 1451
 Brown, D. J., degree, 814
 Brown, D. V. L., appointment, 1313
 Brown, Dorothy, appointment, 327, 1168
 Brown, E. L., appointment, 84
 degree, 1541
 resignation, 683
 Brown, E. S., degree, 580
 Brown, E. V. L., appointment, 357, 1186
 Brown, Evelyn M., appointment, 9
 Brown, F. D., Jr., degree, 1284
 Brown, F. W., appointment, 301, 1137
 Brown, Mrs. Floweree, appointment, 1019
 Brown, Frances E., degree, 419
 Brown, G. B., appointment, 168, 183, 1003, 1018
 leave of absence, 684
 Brown, G. O., Jr., degree, 789
 Brown, G. W., member of advisory committee, 1194
 Brown, Mrs. Genevieve W., appointment, 1092
 Brown, Gleah D., appointment, 242, 702, 869, 1077, 1081
 Brown, H. F., degree, 578
 Brown, H. I., appointment, 360, 1188
 Brown, H. N., degree, 1391
 Brown, H. S., fellowship, 1483
 Brown, Isabel R., degree, 1397
 Brown, J., Jr., degree, 809
 Brown, James Dell, degree, 1394
 Brown, James Durwood, degree, 1401
 Brown, J. L., degree, 820
 Brown, J. S., degree, 415
 Brown, John W., fellowship, 730
 Brown, John Wagner, appointment, 224, 1061
 Brown, L., Jr., degree, 805
 Brown, L. H., appointment, 579, 643
 Brown, L. O., appointment, 127, 693, 961, 1376, 1423
 Brown, L. W., degree, 1244
 Brown, Marjorie, appointment, 150
 Brown, Mrs. Mary E., appointment, 1107
 Brown, Mary J. M., degree, 1245
 Brown, Mary K., degree, 1539
 Brown, Millicent G., degree, 1567
 Brown, Muriel, appointment, 692
 cancellation, 877
 Brown, Murvin H., degree, 790
 Brown, N. B., Jr., fellowship, 1484
 Brown, Norma J., degree, 1554
 Brown, Norma L., degree, 407
 Brown, O. L., degree, 593
 Brown, P. B., degree, 781
 Brown, P. H., appointment, 141, 691, 976, 1447
 Brown, P. W., degree, 1241
 Brown, Phyllis J., appointment, 290
 degree, 812
 Brown, R., appointment, 299, 1136
 Brown, R. C., appointment, 352, 1181
 Brown, R. E., appointment, 265, 1102
 Brown, R. Elizabeth, appointment, 83, 698, 917, 1454
 Brown, R. G., appointment, 354, 1182
 Brown, Raymond J., degree, 801
 Brown, Robert J., degree, 1394
 Brown, R. K., degree, 597, 1391
 Brown, Rex L., appointment, 134, 701, 969, 1456
 Brown, Richard Lee, degree, 1801
 Brown, Richard Lewis, degree, 1252

- Brown, Rollin L., fellowship, 681
 declination, 731
 Brown, R. P., degree, 597
 Brown, R. T., degree, 805
 Brown, Ralph W., Jr., degree, 595
 Brown, Roger W., appointment, 363
 Brown, Roger Wayne, degree, 1251
 Brown, S. S., certificate, 1254
 Brown, S. W., degree, 814
 Brown, T. A., degree, 597
 Brown, T. J., degree, 577
 Brown, T. K., degree, 803
 Brown, W. B., appointment, 43
 resignation, 448
 Brown, W. N., appointment, 112, 114, 390,
 945, 949
 Brown, W. O., appointment, 239, 250, 1078,
 1088
 member of committee to hear charges against
 P. J. May, 605
 Brown, W. V., appointment, 175, 1010
 Brown & Sharpe Co., purchase, 374
 Browne, B., painting, purchase, 711
 Browne, R. B., appointment, 144, 172, 173,
 507, 979, 1008
 Browne, W. H., appointment, 206, 1041
 Brownfield, Mrs. Beverly J., appointment, 297,
 1133
 Brownfield, S. J., appointment, 303, 1139
 Browning letters, collection, purchase, 32
 Brown Instruments Co., purchase, 615, 670
 Brownstein, A. D., degree, 809
 Brubaker, Mrs. Caryl M., appointment, 278
 Brubaker, Jo Anne, degree, 1556
 Brubaker, M. C., degree, 1567
 Brubaker, R. S., appointment, 869
 fellowship, 682
 Brucellosis, research, gift, 550, 1213
 Bruch, R., degree, 1542
 Bruchan, E. P., degree, 1571
 Bruck, Helen, appointment, 8, 223, 1059
 leave of absence, 1353
 Brucker, P. A., degree, 1571
 Bruckner, W. H., appointment, 131, 965
 book, printing, funds, gift, 548
 leave of absence, 1334
 Bruder, Joan F., degree, 1559
 Brue, Nancy A., degree, 811
 Brueckner, K. A., appointment, 869
 Brueggeman, L. B., degree, 1393
 Brueggemann, Marie E., degree, 816
 Bruer, P. M. L., degree, 786
 Brugger, J. R., appointment, 289, 1125
 Brumbaugh, A. G., degree, 592
 Brumbaugh, Dorothy A., appointment, 64, 897
 Brumberg, R. E., degree, 785
 Brumfield, Mrs. Mildred B., appointment, 284,
 1120
 Brumm, J. M., appointment, 174, 179, 1009,
 1014
 Brumme, M. R., appointment, 357, 1185
 Brummel, Carolyn M., appointment, 329, 1171
 Brummet, A. L., appointment, 274, 1110
 Brun, W. A., appointment, 689
 degree, 1285
 Brunell, P. A., degree, 1545
 Bruner, R. L., certificate, 1328
 Bruninga, F. G., certificate, 1330
 Brunkow Electric Co., contract, 340, 369, 667,
 846, 847, 1203, 1290
 Brunn, K. R., degree, 581
 Brunn, Margaret, appointment, 1138
 Brunnemeyer, H. K., appointment, 350, 390,
 952
 Brunnemeyer, Joyce E., degree, 1554
 Brunner, E. J., appointment, 390, 507, 773,
 1012, 1223
 degree, 415
 Brunner, H. G., appointment, 334, 1176
 Brunner, Mrs. Iah R., appointment, 1097
 Brunner, J., Memorial Endowment for Re-
 search and Advancement in Engineering
 Education, gift, 550
 Brunner, Mrs. Juanita L., appointment, 1133
 Brunner, M. F., degree, 803
 Brunner, M. J., appointment, 203, 1038
 leave of absence, 732
 Brunner, Marjorie S., appointment, 272
 Brunner, R. H., degree, 453
 Brunner, W. C., appointment, 11, 1308
 Bruno, E. J., degree, 828
 Bruno, P. H., degree, 1556
 Bruns, Katherine R., appointment, 265
 Bruns, Nona J., degree, 596
 Brunskill, Dorothy M., degree, 414
 Brunson, G. S., certificate, 841
 Brunt, R. O., degree, 1553
 Brush, D. O., degree, 796
 Brush, H. C., degree, 411
 Brush, R., appointment, 269, 1105
 Brush Development Co., purchase, 558, 615
 Brust, H. A., degree, 1389
 Bruux, A. F., degree, 803
 Bruyn, Louise M., degree, 1397
 Bruyn, S. T., appointment, 1271
 degree, 787
 resignation, 1382
 Brya, D. A. L., degree, 1401
 Bryan, D. L., degree, 1401
 Bryan, G. R., Jr., appointment, 176, 1012
 termination, 1279
 Bryan, H. S., appointment, 113, 163, 947, 998
 Bryan, L. A., appointment, 138, 177, 974,
 1012
 director of Athletic Association, 604, 1409
 Bryan, W. H., fellowship, 1479
 declination, 1486
 Bryan, W. J., degree, 1573
 Bryant, Alice, appointment, 1156
 Bryant, Evelyn J., appointment, 303
 degree, 591
 Bryant, F. B., appointment, 1186
 Bryant, F. W., appointment, 773
 Bryant, G. L., degree, 1536
 Bryant, H. R., appointment, 278, 1114
 Bryant, L. E., degree, 411
 Bryant, M. W., member of advisory commit-
 tee, 1195
 Bryden, J. R., appointment, 1178
 Brymer, W. E., Jr., degree, 424
 Bryngelson, Barbara A., degree, 1567
 Bryson, Elizabeth A., fellowship, 1482
 Buchanan, A. W., degree, 1392
 Buchanan, Nancy R., degree, 1560
 Buchanan, R. M., appointment, 1137
 Buchele, R. B., appointment, 139, 507
 declination, 531
 Bucher, Gladys R., appointment, 241
 Buchholz, A., appointment, 352, 1180
 Buchholz, Barbara A., degree, 1550
 Buchholz, J. T., appointment, 71
 Buchman, Mrs. Anna R., appointment, 333
 Buchmaster, R. E., appointment, 1187
 Buchta, J. C., appointment, 1223, 1476
 degree, 583
 Buck, Doris B., degree, 816
 Buck, S. J., Jr., degree, 1548
 Buck, T., degree, 593
 Buck, W. A., degree, 1564
 Buckingham, M. F., appointment, 291, 1127
 Buckingham, R., appointment, 359, 1188
 Buckingham, W. B., degree, 1571
 Buckler, J. A., degree, 822
 Buckler, W. E., appointment, 390, 693, 909
 Buckman, E., appointment, 364, 1192
 Buckmaster, R. E., appointment, 358
 Buckner, A. W., Jr., degree, 419
 Buckner, H., degree, 789
 Bucy, P. C., appointment, 205, 1040
 Buczkowski, E. S., degree, 1565
 Buczynski, R. J., degree, 828
 Buda Co., contract, 436
 Budd, E. C., appointment, 141
 resignation, 1232
 Buddemeier, M. R., degree, 815

- Buddemeier, W. D., appointment, 93, 95, 926,
929
degree, 1532
leave of absence, 604
- Buddenbaum, Norma J., degree, 1557
- Bude, Marian R., degree, 1241
- Budget, annual, 48, 880
appropriation, summary, 50, 53, 195, 236,
882
Chicago Professional Colleges, 1030
Chicago Undergraduate Division, 1075
Urbana-Champaign departments, 886
approved, 5, 855
authority to make changes, 5, 855
estimated income, 49, 881
explanatory notes, 48, 880
- Athletic Association, adjustments, 605
approved, 6, 855
authority to make changes, 6, 855
changes, 1492
- biennial, buildings and capital improvements,
proposed, 428
recommendations, 381
summary, 382
salaries and wages, increase, 651
revision, 633
- Crippled Children, Division of Services for,
estimates, 442
- Summer Session, 688, 1444
- Tuberculosis Research, Institution for, ap-
proved, 442
- Budil, Mrs. Carol, appointment, 330, 1172
- Budington, R. A., Jr., certificate, 1338
- Budris, E. C., degree, 595
- Buehler, A. L., purchase, 1206, 1360
- Buehler, Leanora M., degree, 1539
- Buehner, W. J., resignation, 402
- Buer, O. E., degree, 1398
- Bueschel, R. J., appointment, 282, 1118
- Buescher, Mary E., degree, 799
- Bueter, N. E., contract, 502
- Buettner, C. M., certificate, 841
- Buffa, E. S., appointment, 350, 390, 964
resignation, 1382
- Buffalo Scale Co., purchase, 670
- Buford, R. H., degree, 805
- Bugan, K. G., degree, 1554
- Bugher, W. D., degree, 1546
- Buhrke, V. E., degree, 1540
- Builders, risk insurance, purchase, Men's
Residence Hall in Chicago, 1495
Research and Educational Hospitals Ad-
dition, 32
Staff Apartment Building in Chicago,
1494
- Building Program Committee, appreciation of
services, 430
budget, 67, 264, 900, 1100
- Building program study for school unit, con-
tract, 1417
- Buildings, agricultural, construction and re-
modeling, release of funds, 338
architectural studies, appropriations, bal-
ances reappropriated, 39, 1198
Chicago Professional Colleges campus, metal
doors, replacement, contract, 1325
remodeling, appropriation, 844
balance reappropriated, 38, 1198
release of funds, 491
standing contracts, 368
use for political meetings, 3, 1326
- Buildings and capital improvements, program
for 1951-1953, proposed, 428
amendment, 505
release of funds, 338, 366, 433, 462, 491,
519, 540, 606, 654, 705
- Buildings and Grounds Committee, hearings in
support of building projects, 429
report, 504
lease of restaurant space in Arcade Build-
ing, 1503
report, 517, 1525
members, 602, 1405
- Buker, Lulu D., degree, 1250
- Buker, P. D., degree, 577
- Bulkley, W. F., appointment, 107, 117, 941,
950
- Bull, Alice J., degree, 800
- Bull, G. E., Jr., degree, 828
- Bull, I. O., certificate, 430
- Bull, Jane, member of advisory committee, 562
- Bull, Mary L., appointment, 182, 1018
- Bull, S., appointment, 101, 115, 935, 948
- Bullard, J. P., Jr., degree, 579
- Bullard, P. W., degree, 594
- Bullard, S. A., degree, 1541
- Bullaro, J. J., Jr., degree, 1536
- Bullington, R. H., degree, 586
- Bullock, Mrs. Doris L., appointment, 698, 996,
1453
- Bullock, Dorothy M., degree, 811
- Bulls, purchase, Animal Science, 341
Dixon Springs Experiment Station, 710
- Bumstead, Mrs. Vivienne R., appointment, 290
- Bunata, R. J., degree, 1248
- Bunce, E. P., degree, 1400
- Bundsgaard, Naomi R., degree, 595
- Bundy, Mrs. Lyndall A., appointment, 276,
1112
- Bundy, R. L., degree, 597
- Bundy, S. E., appointment, 274, 1110
- Bunke, H. C., degree, 1282
- Bunke, Mrs. Margaret C., appointment, 267,
1104
- Bunn, B. H., gift, 1471
- Bunn, Barbara J., degree, 816
- Bunney, Gladys E., degree, 790
- Bunting, C. R., degree, 1557
- Bunting, Mrs. Patricia A., appointment, 1129
- Bunting, W. L., Jr., degree, 816
- Bureau, C. R., degree, 582
- Burch, J. P., degree, 816
- Burcky, M. C., degree, 422
- Burdick, Corp., gift, 551
- Burga, Frances, appointment, 8, 319, 1158
- Burge, Mrs. Ethel M., appointment, 276, 1112
- Burgener, Opal S., degree, 1560
- Burger, A., appointment, 315, 1152
- Burger, C. L., degree, 796
- Burger, C. R., certificate, 1178
- Burgess, J. H., certificate, 1328
- Burgess, M. Edna, appointment, 317, 1155
- Burgh, J. F., Jr., appointment, 391
- Burgmeier Book Bindery, Inc., purchase, 767
- Buring, Harriet, appointment, 305
- Burk, Elaine, appointment, 313
- Burk, P. C., degree, 1240
- Burke, Alverne E., degree, 1567
- Burke, C. Agnes, appointment, 297, 1133
- Burke, H. J., degree, 1540
- Burke, Helena, appointment, 317, 1154
- Burke, J. J., degree, 1394
- Burke, S. C., degree, 820
- Burke, T. M., degree, 1548
- Burkee, R. E., degree, 1571
- Burkett, Edna B., degree, 592
- Burkett, G. W., degree, 1571
- Burkett, L. A., degree, 1541
- Burkhart, Mrs. Lon J., appointment, 1126
- Burkhart, R. R., degree, 1401
- Burkholder, P., appointment, 43, 244, 1083,
1458
- Burkitt, P. E., degree, 822
- Burklow, Mrs. Azalee, appointment, 259
- Burleson, C. E., degree, 784
- Burline, Phyllis J., certificate, 1328
- Burlingame, R. M., certificate, 430
- Burlingham, C. M., Jr., degree, 1394
- Burlington Roofing Co., contract, 1264
- Burlison, W. L., appointment, 98, 932
- Burnett, Ann, appointment, 1170
- Burnett, B. B., appointment, 690
- Burnett, G. H., degree, 450
- Burnett, H. R., degree, 1387
- Burnett, Nancy C., degree, 805

- Burnett, R. W., appointment, 144, 691, 980, 1447
 Burnette, P. J., appointment, 185
 leave of absence, 479
 resignation, 683
 Burnham, C. V., Jr., degree, 417
 Burns, Gloria J., degree, 592
 Burns, J. D., degree, 424
 Burns, K., appointment, 86, 699, 920, 981
 Burns, Kathryn V., appointment, 108, 119, 942, 952
 Burns, Mrs. Marietta C., appointment, 314, 1152
 Burns, Marilyn G., degree, 586
 Burns, Mrs. Martha G., appointment, 301
 Burns, R. B., degree, 1541
 Burns, R. O., Jr., appointment, 643
 degree, 829
 fellowship, 447
 Burns, W. H., degree, 790
 Burpo, C. E., degree, 825
 Burr, Cornelia C., resignation, 572
 Burr, E. E., appointment, 245, 1084
 Burr, Mary F., degree, 811
 Burr, W. W., Jr., degree, 781
 Burrridge, Margaret J., degree, 800
 Burritt, H. W., member of advisory committee, 36
 Burritt, L. E., Jr., degree, 423
 Burros, R. H., appointment, 1223
 Burroughs, C. R., degree, 825
 Burroughs, D. W., degree, 418
 Burroughs, J. R., degree, 1243
 Burroughs, Mrs. Naomi, appointment, 325
 Burroughs, Ruby, appointment, 1166
 Burroughs Adding Machine Co., purchase, 525
 Burroughs Wellcome & Co., Inc., gift, 552
 purchase, 1466
 Burrus, R., member of advisory committee, 1194
 Burstone, M. S., appointment, 220, 391, 869, 1056
 Burt, B. S., degree, 791
 Burt, Barbara A., appointment, 60
 declination, 402
 Burt, Gladys E., appointment, 255
 Burt, L. W., degree, 820
 Burt, Patricia M. M., degree, 1249
 Burt, W. C., degree, 816
 Burthouse, Airport, lease, 1208
 Burtness, R. W., degree, 581
 Burton, Elizabeth A., appointment, 303, 1139
 Burton, G., appointment, 265, 1101
 Burton, O. M., member of advisory committee, 1195
 Busbey, C. W., degree, 816
 Buscemi, Joan A., fellowship, 677
 Busch, E. L., degree, 809
 Busch, H. O., degree, 1562
 Busch, W. L., degree, 805
 Buschbach, T. C., degree, 792
 Buschek, R. F., certificate, 527
 Busekros, G. P., degree, 808
 Busenhart, J. C., degree, 411
 Buser, J. W., appointment, 354, 673
 resignation, 877
 Busey, Garetta H., appointment, 75, 908
 Busey Residence Hall, budget, 192, 303, 1027, 1139
 fire protection improvements, funds, 1374
 modernization, 763, 1266
 transformer vaults, contract, 379, 494
 release of funds, 519
 Bush, C., member of advisory committee, 1196
 Bush, E. J., degree, 588
 Bush, K. A., appointment, 1459
 Bush, L. H., fellowship, 1482
 Bush, Virginia M., degree, 596
 Bushee, J. R., appointment, 281
 Bushey, G. L., appointment, 72
 Bushnell, Georgia F., degree, 811
 Bushong, E. M., degree, 798
 Business, fellows, 677, 1480
 Business fluctuations, research, gift, 1469
 Business Law, *See* Business Organization and Operation.
 Business Management Service, budget, 142, 284, 978, 1121
 bulletin on consumer credit conference, printing, 672
 Business Office, appropriations, balances reapportioned, 37
 bookkeeping machine, appropriation, 1359
 purchase, 1360
 budget, Chicago Professional Colleges, 198, 305, 1033, 1141
 Chicago Undergraduate Division, 238, 330, 1077, 1172
 Urbana-Champaign departments, 61, 256, 894, 1093
 purchase, dishonesty, disappearance, and destruction insurance, 501
 employer's workmen's compensation and liability insurance, 32
 prefabricated metal building, 1326
 steel partitions, 1466
 remodeling, contract, 1462
 safe, appropriation, 611
 Business Organization and Operation, budget, 138, 284, 974, 1120
 summer session, 689, 1445
 Business Research, *See* Economic and Business Research.
 Busking, Mrs. Nellie, appointment, 319, 1157
 Bussart, D. A., degree, 1563
 Bussman, Anna M., appointment, 263, 1099
 Buswell, A. M., appointment, 72, 905
 Buswell memorial fund, use, approved, 34
 Butcher, W. W., appointment, 729, 1083, 1271
 Buterbaugh, J. N., degree, 1552
 Butkus, L. J., degree, 1554
 Butler, A. B., certificate, 1357
 Butler, Beverly J., appointment, 1103
 Butler, C. D., appointment, 360, 1189
 Butler, Carol J., degree, 800
 Butler, Florence W., degree, 1244
 Butler, G., appointment, 70, 903
 Butler, H., appointment, 325, 1167
 Butler, H. E., degree, 1241
 Butler, J. G., fellowship, 682, 1278, 1486
 Butler, J. J., certificate, 41
 Butler, J. R., Jr., degree, 1565
 Butler, J. W., appointment, 271, 1107
 Butler, J. W., Paper Co., purchase, 342, 1263
 Butler, L. C., appointment, 696, 869
 Butler, Margy E., appointment, 258, 1094
 Butler, Mary M., appointment, 1112
 Butler, R. L., degree, 584, 1548
 Butler, S., appointment, 353, 1181
 Butler, V. A., degree, 585
 Butler, W. F., degree, 1554
 Butler Manufacturing Co., purchase, 1343
 Butt, B. G., appointment, 869, 1057
 degree, 823
 resignation, 1279
 Butterfat, nutritive value in experimental animals, study, contract, 1327
 Butterfield, C. E., Jr., degree, 820
 Butterfield, F. C., certificate, 1330
 Butterfield, F. E., Jr., degree, 414
 Butterfield, W. H., appointment, 171, 1007
 Butzow, R. F., appointment, 1498, 1526
 degree, 1568
 Buwick, G. J., degree, 812
 Buzan, E. F., degree, 825
 Buzzard, H. L., degree, 582
 Buzzard, R. D., degree, 586
 Byam, Joan E., appointment, 242, 702, 869, 1081
 Byard, R., appointment, 271, 1107
 Byerly, Mariana L., degree, 1550
 Byerly, O. M., degree, 825
 Byerly, W. O., degree, 1563

- Byers, Mrs. Dolores M., appointment, 258, 1094
 Byers, F. H., appointment, 43, 729, 1223
 resignation, 1232
 Byers, H. W., degree, 1394
 Byers, W. H., appointment, 126, 961
 leave of absence, 732
 Byess, W. F., appointment, 391
 Byfield, G. V., appointment, 354, 1182
 Byland, Helen J., appointment, 292, 1129
 By-Laws, amendment, name of committee on
 nonacademic personnel, 772
 Byrne, Loretto A., appointment, 222, 1058
 Byrne, Mary A., appointment, 323
 Byrne, P. J. S., fellowship, 730, 1483
- Cabanban, A. A., degree, 1400
 Cabe, J. C., Jr., fellowship, 1352
 Cabinets, Animal Sciences Laboratory, pur-
 chase, 853
 Cable Piano Co., purchase, 1521
 Cabrera, G. R., degree, 1386
 Cabrero, J. B., degree, 1400
 Cachera, A. A., degree, 1537
 Cacioppo, Catherine C., appointment, 280, 1092
 Cadden, W. J., degree, 791
 Cadek, Jerrie, fellowship, 1484
 Caesar, P. D., discovery, patent rights, release,
 337
 Cafeteria, *See* Home Economics Cafeteria.
 Cafeteria and kitchen equipment, residence
 hall in Chicago, contract, 650
 Cage, J. H., degree, 1552
 Cages, Animal Hospital, appropriation, 1324
 Animal Science, purchase, 615, 669
 Cagle, L. L., degree, 790
 Cagle, Mrs. Winifred B., appointment, 110
 resignation, 777
 Cagney, J. E., Jr., certificate, 841
 Cahill, L. E., degree, 596
 Cahill, W. F., degree, 1387
 Cahn-Bronner, C. E., appointment, 360, 1188
 Calotto, H. L., degree, 597
 Cain, Mrs. Betty J., appointment, 1129
 Cain, D. E., degree, 1248
 Cain, J. D., degree, 1251
 Cain, J. H., appointment, 277, 1113
 Cain, J. N., appointment, 1133
 Cain, James Richard, degree, 813
 Cain, James Robert, degree, 1562
 Cain, Mrs. Marthellen J., appointment, 1125
 Cain, Mrs. Mary B., appointment, 318, 1156
 Cain, Patricia J., degree, 1560
 Cain, R. D., degree, 424
 Cain, R. W., degree, 815
 Cain, S. V., Inc., purchase, 341, 469, 1344
 Cairns, S. S., appointment, 80, 773, 913, 1526
 Cairo, Mrs. Alice T., appointment, 260, 1120
 Cairo, F. P., degree, 1394
 Calabrese, J., appointment, 319
 Calandrino, P. J., degree, 1564
 Calcaterra, A. L., degree, 801
 Calcium utilization, research, gift, 1214, 1469
 Calculating machines, Mathematics, appropria-
 tions, 762
 purchase, 853
 Public Health, appropriation, 706
 purchase, 838
 Calder, A., painting, gift, 1471
 Calder, Q. A., appointment, 270, 1106
 Caldini, F. A., certificate, 41
 Caldwell, Carol C., degree, 1554
 Caldwell, J. J., appointment, 300, 1136
 Caldwell, Marion, degree, 1566
 Caldwell, N. V., degree, 594
 Caleca, Virginia T., appointment, 9
 Calek, J. F., degree, 790
 Cales, Winifred M., diploma, 1575
 Caley, Gladys M., appointment, 328, 1169
 Calf barn, construction, contracts, 544
 Calf nutrition, study, contract, 1464
 Calhoun, W. K., degree, 1281
- California, University of, contract, 668
 purchase, 375
 California Co., gift, 1468
 Calisch, R. W., degree, 1567
 Callaghan, Marguerite, appointment, 321
 Callahan, Ann P., degree, 793
 Callahan, B. L., degree, 1241
 Callas, P. G., degree, 797
 Callen, I. R., appointment, 205, 1040
 resignation, 1334
 Calloway, N. O., appointment, 204, 1223
 leave of absence, 573
 Calmer, Grace, appointment, 8, 319, 1158
 Calvert, H. H., certificate, 1328
 Calvert, R. L., degree, 451
 Calves, Hereford, dwarfism, study, 33
 Camden, K., certificate, 488
 Camera, motion picture, Photographic Labora-
 tory, purchase, 558
 Cameron, C. J., certificate, 841
 Cameron, D. J., appointment, 1224, 1376
 Cameron, Mrs. Genevieve, appointment, 305,
 1142
 Cameron, R. E., degree, 1559
 Cameron, S. H., degree, 1248
 Cameron, Stella A., appointment, 261, 1138
 Cameron Heartometer Manufacturing Co., con-
 tract, change, 1328, 1417
 Camm, P. A., degree, 1567
 Cammack, T. E., appointment, 142, 977
 Cammis, Yolanda M., degree, 1249
 Camp, Charlotte M., appointment, 261
 Camp, D., appointment, 1448
 Camp, E. F., appointment, 319
 Camp, G. C., degree, 1282
 Camp, H. M., member of advisory committee,
 562
 Camp, W. J. R., appointment, 209, 1045
 Campbell, A. M., degree, 789
 fellowship, 677
 Campbell, B. A., degree, 817
 Campbell, B. D., degree, 822
 Campbell, B. S., degree, 1553
 Campbell, Mrs. Beverly C., appointment, 1130
 Campbell, C. D., degree, 1546
 Campbell, C. H., degree, 1399
 Campbell, C. L., appointment, 272
 Campbell, D. B., degree, 1394
 Campbell, E. L., degree, 1241
 Campbell, F., appointment, 272, 1108
 Campbell, G. E., appointment, 330, 1172
 Campbell, G. L., appointment, 1108
 Campbell, G. M., Jr., degree, 800
 Campbell, H. M., certificate, 1357
 Campbell, Ivah F., degree, 1543
 Campbell, J. A., appointment, 353, 1039
 Campbell, J. E., degree, 1553
 Campbell, J. J., appointment, 547, 908
 Campbell, J. W. M., degree, 577
 Campbell, K. D., degree, 1568
 Campbell, K. E., degree, 1548
 Campbell, L. K., appointment, 353, 1181
 Campbell, Mrs. M. Elizabeth, appointment,
 294, 1130
 Campbell, Margaret E., degree, 589
 Campbell, Martha R., degree, 414
 Campbell, Mrs. Martha S., appointment, 272,
 1109
 Campbell, Mary J., appointment, 391, 1070
 Campbell, Mary L., degree, 1560
 Campbell, N. M., degree, 802
 Campbell, R., appointment, 141, 977
 resignation, 1530
 Campbell, R. A., degree, 414
 Campbell, R. E., appointment, 1125
 Campbell, R. L., degree, 1567
 Campbell, Rosemary J., degree, 595.
 Campbell, S. A., degree, 586
 Campbell, S. F., degree, 596
 Campbell, S. M., appointment, 1125
 Campbell, W. M., degree, 450
 Campbell, W. W., appointment, 1121

- Campbell Soup Co., contract, 1207
 Campen, Dolores M., degree, 1556
 Campfield, W. L., degree, 780
 Campney, H. K., Jr., fellowship, 1485
 Campo, Mrs. Ann D., appointment, 295, 1131
 Campobello, J., degree, 799
 Campus, future development, use of community development plan as guide, 661
 Campus Chest, gift, 547, 1467
 Campus lighting facilities, extension, contract, 1203
 prevailing wage rates, schedule, 1204
 Campus planning, appropriations, balances re-appropriated, 37
 Campus planning and development, consultant, services continued, 474
 Canaday, D. W., degree, 793
 Canaday, H. G., appointment, 298, 1135
 Canavan, M. E., appointment, 274, 1111
 Cancellations of appointments, 448, 478, 683, 731, 777, 877, 1232, 1279, 1352, 1530
 Cancer research, gift, 553, 554, 555, 556, 1216, 1219, 1262, 1472, 1473, 1474
 Canedy, Alice L., degree, 790
 Canedy, G. W., degree, 589
 Canedy, Mrs. Kathryn, appointment, 330, 1172
 Canfield, M. R., appointment, 332
 degree, 1557
 Cangiamila, A., degree, 819
 Cannizzo, Mary J., appointment, 1271
 Cannon, Cornelia L., degree, 1554
 Cannon, G. H., Jr., appointment, 261, 1097
 Cannon, J. D., degree, 1401
 Cannon, J. G., degree, 828
 Cannon, J. H., Jr., degree, 1565
 Cannon, J. W., degree, 825
 Cannon, M. C., degree, 815
 Cannon, W. C., certificate, 841
 Cannon, W. W., appointment, 127, 530, 773, 962
 resignation, 1279
 Cannova, R. D., degree, 1394
 Cantón, A., appointment, 85
 resignation, 402
 Cantor, M. J., degree, 817
 Cantrall, Mrs. Margarete B., appointment, 150, 985
 resignation, 1232
 Cantrall, W. R., degree, 790
 Cantrell, C. H., appointment, 512
 Cantrell, C. W., degree, 823
 Cantrell, D. R., degree, 1401
 Cantu, F., appointment, 1476
 Canuti, Elsa, appointment, 319, 1158
 Capaldo, E. J., fellowship, 1482
 Capehart, B. E., degree, 452
 Capek, B. W., degree, 804
 Capen, Ann, degree, 805
 Capitol Records, contract, 1208
 Caplan, F. M., degree, 1563
 Caplin, Arlene M., appointment, 1175
 Caplon, S. S., contract, 1207
 Capobianco, Mrs. Frances, appointment, 1121
 Capobianco, R. J., appointment, 982
 Capocchi, L. H., degree, 809
 Capp, C. C., degree, 790
 Capper-Ketcham Fund, budget, 118, 951
 Capron, W. M., appointment, 141, 142
 resignation, 877
 Caps and gowns, rental, 467, 672, 1466
 Carbon, J. A., degree, 1396
 Carcinogenic agents, influence on fat metabolism, research, gift, 550
 Card, L. E., appointment, 101, 935
 Cardew, Emily C., appointment, 7, 223, 1060, 1224
 member of advisory committee, 563
 Cardiac research, gift, 1217, 1218
 Cardiograph, Mechanical Engineering, purchase, 613
 Cardiovascular training, funds, gift, 555
 Carender, L., appointment, 291, 1108
 Carey, A. C., degree, 407
 Carey, C. M., appointment, 356, 1185
 Carey, D., degree, 815
 Carey, E. Irene, appointment, 284, 1120
 Carey, Flora A., degree, 411
 Carey, G. L., certificate, 41
 Carey, G. O., appointment, 76, 909
 resignation, 1232
 Carey, J. H., fellowship, 1484
 Carhart, R., member of advisory committee, 563
 Caris, J. P., degree, 819
 Carl, Mrs. Dolores B., appointment, 1140
 Carl, Fern, appointment, 109, 120, 943, 953
 Carlender, Mrs. Teresa B., appointment, 280
 Carle Foundation, contract, 378
 Carleton, G. E., degree, 417
 Carley, C., degree, 815
 Carley, D. W., appointment, 690
 degree, 1533
 Carley, J. A., degree, 1551
 Carley, W. X., appointment, 304
 Carlino, J. A., degree, 411
 Carlisle, G. R., appointment, 102, 119, 936, 952
 Carlisle, Martha E., resignation, 403
 Carlisle, D. H., degree, 1400
 Carlisle, R. W., degree, 588
 Carlson, A. J., Jr., appointment, 869, 960
 degree, 1540
 Carlson, A. L., appointment, 269, 1106
 Carlson, Anna, appointment, 313, 1151
 Carlson, Mrs. Bonnie J., appointment, 1111
 Carlson, C. B., degree, 419
 Carlson, C. E., certificate, 488
 Carlson, C. I., appointment, 246, 1085
 Carlson, C. W., degree, 419
 Carlson, D. E., degree, 455
 Carlson, E., fellowship, 680
 declination, 731
 Carlson, E. L., degree, 801
 Carlson, G. V., appointment, 300, 1136
 Carlson, Mrs. Inez, appointment, 1095
 Carlson, J. R., appointment, 257, 1094
 Carlson, J. S., degree, 1398
 Carlson, K. L., degree, 1552
 Carlson, L. R., degree, 417
 Carlson, P. M., degree, 817
 Carlson, Mrs. Portia A., appointment, 264
 Carlson, R. F., certificate, 1328
 Carlson, R. W., certificate, 42
 Carlson, Rosa L., degree, 1576
 Carlson, W. A., degree, 1252
 Carlson, W. G., degree, 1564
 Carlsson, L. A., degree, 586
 Carlsten, E. S., degree, 1386
 Carlston, K. S., appointment, 164, 1000, 1451
 Carlton, H. H., leave of absence, 574
 Carman, C. W., degree, 823
 Carmichael, D. C., degree, 784
 Carmichael, Dorothy M., appointment, 284, 1121
 Carmichael, H. T., appointment, 211, 1047
 Carmichael, R. D., appointment, 80, 135, 913, 971
 Carmin, R. L., appointment, 430, 694, 911
 Carmody, Mrs. Nina, appointment, 316
 Carnahan, D. H., appointment, 77, 910
 Carnahan, Margaret T., degree, 1246
 Carnahan, W. L., degree, 597
 Carnations, disease-free strains, study, contract, 378
 Carner, D. R., appointment, 134
 Carney, C. M., degree, 1548
 Carney, J. S., degree, 1548
 Caro, M. R., appointment, 352, 1180
 Carozza, Mrs. Rosita L., appointment, 302
 Carpe, L. E., degree, 591
 Carpenter, A. L., degree, 1551
 Carpenter, K. D., member of advisory committee, 36
 Carpenter, O. C., degree, 591

- Carpenter, P. D., appointment, 221, 1058
 Carpenter, R. A., member of advisory committee, 430
 Carpenter Steel Co., contract, 1207
 Carper, R. J., degree, 411
 Carpeting, purchase, Illini Union, 1343
 Physical Plant, 671
 Carpino, L. A., degree, 1240
 fellowship, 1231, 1480, 1500
 Carr, G. R., gift, 1210
 Carr, H. H., degree, 1389
 Carr, Hazel E., degree, 812
 Carr, Jean A., degree, 1565
 Carr, Norma E., appointment, 288, 1124
 Carr, W. H., degree, 1252
 Carr, W. L., degree, 802
 Carrel, J. H., degree, 1399
 Carren, D. J., degree, 822
 Carren, Lorraine G. W., degree, 1547
 Carrico, J. E., appointment, 140
 declination, 403
 Carriel, R. L., degree, 817
 Carrigan, Honora T., appointment, 317, 1155
 Carrington, C. A., appointment, 290, 1127
 Carrington, M. A., appointment, 281, 1117
 Carrithers, J. M., appointment, 139, 690, 974, 1446
 Carroll, Mrs. Darlene W., appointment, 293
 Carroll, E. P., certificate, 1328
 Carroll, J. J., degree, 785
 Carroll, J. M., degree, 1568
 Carroll, J. R., appointment, 129, 964
 Carroll, J. T., degree, 422
 Carroll, Jeanne M., appointment, 476
 Carroll, L. O., degree, 791
 Carroll, Nathalie, appointment, 333
 Carroll, P. M., degree, 1241
 Carroll, Ruth M., appointment, 7, 223, 319, 1158
 Carroll, Mrs. Shirley K., appointment, 318
 Carroll, W. E., appointment, 92, 101, 925
 Carroll Construction Co., contract, 471
 Carruth, J. F., degree, 790
 Carruth, Mrs. Nathalia J., appointment, 283
 Carruthers, N. E., degree, 803
 Carsel, J., degree, 823, 1573
 Carson, A. M., degree, 801
 Carson, Carol R., appointment, 1118
 Carson, Jenny E., appointment, 1176
 Carson, Kathryn A., degree, 812
 Carson, Maude B., member of advisory committee, 562
 Carson, Pirie, Scott & Co., purchase, 30, 340, 341, 671
 Carson-Payson Co., contract, addition, 27, 714
 Carstens, H. P., appointment, 354, 1183
 Carter, A. K., degree, 785
 Carter, A. M., appointment, 157, 697, 990, 1452
 Carter, B. F., degree, 801
 Carter, Mrs. Beverly Marie, appointment, 1132
 Carter, Mrs. Beverly Moore, appointment, 1128
 Carter, D. G., appointment, 96, 930
 leave of absence, 1408
 Carter, Donna, appointment, 321
 Carter, Dorothy J., degree, 812
 Carter, F. C., Jr., degree, 1397
 Carter, G. C., appointment, 173, 391, 1009
 Carter, G. S., degree, 1389
 Carter, H. E., appointment, 72, 905, 1224
 discovery, patent, concession of priority, 347
 Carter, Helen L., degree, 1554
 Carter, Isabelle B., degree, 1241
 Carter, J. B., appointment, 353, 1182
 Carter, J. N., degree, 449
 Carter, L. H., degree, 594
 Carter, Mary F., degree, 819
 Carter, O. P., appointment, 306, 1143
 Carter, Patricia, appointment, 1146
 Carter, R. L., degree, 1543
 Carter, R. W., degree, 809
 Carter, T. W., degree, 825
 Carter, Virginia L., degree, 812
 Carter, W. E., degree, 1394
 Carter-Pennell Farm, North, lease, 1361
 South, milking room, contract, 1464
 Cartographic equipment, Geography, appropriation, 654
 Carton, R. W., appointment, 729, 1183
 Cartwright, G. W., degree, 1283
 Carver, D. R., degree, 1535
 Carver, Eleanor B., appointment, 1271
 Carver, Mrs. Irva S., appointment, 1115
 Car wheels, research, contract, change, 610, 1360
 Cary, Betty L., degree, 1249
 Cary, C. R., degree, 1554
 Cary, R. B., degree, 1540
 Casberg, C. H., appointment, 128, 963
 retirement, 732
 Cascio, B. J., degree, 1557
 Case, H. C. M., appointment, 94, 927
 Case, T. R., appointment, 312
 Casebeer, W. R., appointment, 271
 Casey, Mrs. Adelia L., appointment, 262, 1098
 Casey, G. J., degree, 1536
 Cash, Anna E., degree, 582
 Cash, D. E., degree, 798, 801
 Cash, J. G., appointment, 104, 119, 937, 953
 Cash, Sarah M., degree, 1543
 Cashion, T. E., certificate, 603
 Cashman, J. L., degree, 1252
 Caskey, F. E., fellowship, 677
 Caskey, Katherine H., degree, 1247
 Casler, M. S., degree, 418, 1243
 Casper, Mrs. Dorothy E., appointment, 267
 Casper, E. L., degree, 417
 Casper, R. J., degree, 1554
 Caspers, Greta M., degree, 411
 Cassady, R. J., degree, 823, 1573
 Cassell, R. L. S., appointment, 242, 1081, 1457
 Cassells, Francine J., degree, 1562
 Cassida, Ethel L., degree, 785
 Cassidy, Ava M., degree, 411
 Cassidy, J. E., member of advisory committee, 1195
 Cassidy, J. E., Jr., degree, 1548
 Cassim, J. Y. K., degree, 805
 Casson, Jean T., degree, 1566
 Casteel, E., appointment, 298, 1135
 Castellanos, Mary P., appointment, 9
 Castillo, G., degree, 1391
 Castillo, J. G., certificate, 42
 Castor, Mrs. Edith R., appointment, 295, 1131
 Castor, Mrs. Elma L., appointment, 1103
 Castor, J. G., degree, 801
 Castor, R. W., degree, 791
 Caswell, Mrs. Mary A., appointment, 1096
 Caswell, W. K., Jr., degree, 1399
 Catalano, Constance, appointment, 330, 1172
 Catalano, J. V. L., degree, 795
 Cataldo, M., appointment, 1271
 Cataldo, R. A., degree, 817
 Catán, R. J., degree, 1567
 Catchpole, H. R., appointment, 208, 1044
 Cate, G. M., appointment, 1526
 degree, 1542
 Cate, H. A., appointment, 94, 117, 927, 950
 Caterpillar Tractor Co., gift, 1214
 Cathcart, Mrs. Frances W., appointment, 305, 1150
 Catholic protection of surfaces in soils and solutions, study, contract, 769
 Catlin, C. S., degree, 595
 Catron, C. W., certificate, 1337
 Cattell, R. B., appointment, 83, 136, 916, 971
 leave of absence, 604
 Cattle, purchase, authority, 836
 Wright farms, purchase, 527
 authority, 346
 Caudill, Mrs. Lois, appointment, 328, 1169
 Caudle, R. D., appointment, 729, 966
 degree, 1391

- Caughey, C. D., degree, 1561
 Caughey, Margaret W., degree, 1560
 Cauldwell, E. W., appointment, 208, 1044, 1068
 Cavagnaro, J. J., purchase, 558
 Cavaletto, Adelle, degree, 1250
 Cavan, Patricia M., degree, 816
 Cavanaugh, Monica, appointment, 319, 1158
 Cavanaugh, W. L., degree, 594
 Caveny, C. C., appointment, 237, 1076
 Cavic, P., Jr., degree, 424
 Cawthon, Frances M., degree, 817
 Cayto, Ethel L., degree, 1237
 Czalet, Mrs. Muriel, appointment, 1155
 Cazden, N., appointment, 7, 156, 697, 990, 1452
 Cazel, W. N., degree, 1562
 Cechner, R. A., degree, 820
 Cecil, J. E., degree, 424
 Cecil Broadway, Inc., purchase, 768
 Ceco Steel Products Corp., gift, 1467
 Cedarburg, J. O., degree, 580
 Cedarholm, J. P., degree, 795
 Cedarlund, Evelynne, appointment, 1224
 resignation, 1530
 Cederberg, J. O., appointment, 300, 1137
 Cederberg, Lois J., degree, 1567
 Ceglinski, S. E., degree, 417
 Celmer, M. S., certificate, 771
 Cenar, Josephine, appointment, 324, 1166
 Cenek, R. H., degree, 1561
 Central Formula Room, Research and Educational Hospitals, budget, 1063, 1154
 Central Illinois Seed Increase Revolving Account, budget, 101, 935
 Central Manufacturing Co., Cook County Experiment Station, sale, offer withdrawn, 566
 purchase, 32, 614
 Central National Bank & Trust Co. of Peoria, lease, 1209
 Central Receiving Station warehouse, prefabricated metal building, purchase, 1326
 Central Scientific Co., purchase, 526, 767, 838, 852, 1520
 Central Soya Co., contract, change, 1344
 Central Supply, Research and Educational Hospitals, budget, 226, 317, 1064, 1154
 Centrifuge, Aeromedical and Physical Environment Laboratory, appropriation, 611
 purchase, 670
 Bacteriology, Liberal Arts and Sciences, purchase, 30
 Food Technology, purchase, 500
 Medicine, purchase, 500
 Century, J. R., degree, 809, 1542
 Century, Marcia S., degree, 1398
 Cephalometer, Division of Services for Crippled Children, purchase, 375
 Ceramic coating materials, patent rights, release to Air Force, 854
 Ceramic Engineering, appropriations, balances reappropriated, 38, 1197
 budget, 122, 277, 956, 1113
 curriculum, changes, 1410
 fellows, 1480
 gift, fellowship, Lakefield Nepheline Syenite, 549, 1468
 National Lead Co., Titanium Alloy Manufacturing Division, 1212, 1469
 Orton, Edward, Jr., Ceramic Foundation, 549, 1468
 glassware, 1471
 scholarship, Haeger Potteries, 547
 modernization of switchboard, appropriation, 546
 purchase, electronic recorder and amplifier, 612
 photomicrographic apparatus, 1520
 wire, 766
 scholarship trust fund, regulations, revisions, 1359
 Ceramic resistors, study, contract, 1327
 Ceramics Building, roof, appropriation, 366
 Cerebral palsy, research, contract, 1327
 gift, 548, 1211, 1216, 1472, 1473, 1474
 Cerebral Palsy Association of Illinois, Inc., gift, 1216
 Cerling, Joanne L., degree, 800
 Cerny, E. M., degree, 801
 Cerny, R. E., degree, 1554
 Cerny, Rosemary A., degree, 1399
 Certified Public Accountant, Accountancy Act, administration, regulations, 1497
 amendment, 1293
 provision for examination in section 4(b) unconstitutional, 664
 certificates, award, 41, 380, 430, 488, 527, 535, 603, 770, 841, 1178, 1254, 1292, 1328, 1337, 1357, 1407, 1490, 1507
 form, revisions, 1299
 withheld, 664
 Chatkin case, legal services, 459
 examinations, rules and regulations, revisions, 1294
 Cervantes, Angela, appointment, 1149
 Cervenka, Carolyn, appointment, 1147
 Chabon, L., degree, 591
 Chadde, F. E., degree, 809
 Chaderton, J. C., appointment, 246, 691, 1085, 1447
 Chafaris, G. J., degree, 782
 discovery, patent rights, release, 709
 Chafaris, Mrs. Mary D., appointment, 281
 Chaffee, V. W., degree, 1393
 Chaiken, Mrs. Rivian, appointment, 333
 Chainski, E., appointment, 359, 1187
 Chairs, purchase, Animal Sciences Laboratory, 838
 Electrical Engineering, 524
 Physical Plant, 524, 767, 854
 Veterinary Medicine, 557
 Chakravorti, A. K., fellowship, 730, 1479
 resignation, 1279
 Chalfen, Mrs. Jane, appointment, 311
 Chalmers, Mrs. Ruth V., appointment, 1376
 Chalmers, W. E., appointment, 140, 178, 975, 1014, 1271
 leave of absence, 646, 771, 778
 Chamberlin, B. P., appointment, 300, 1137
 Chamberlin, D. E., appointment, 281, 1117
 Chamberlin, E. W., degree, 1390
 Chamberlin, G. W., Jr., degree, 823, 1573
 Chamberlin, Mrs. Lorraine E., fellowship, 478, 1278
 Chamberlin, Patricia, appointment, 1166
 Chamberlin, R. S., appointment, 297, 299, 1134, 1135
 Chamberlin, W. J., appointment, 76, 693, 909, 1449
 Chambers, B. N., appointment, 1129
 Chambers, J. V., degree, 802
 Chambers, Lois F., degree, 1397
 Chambers, R., appointment, 1141
 Chambers, W. J., degree, 1557
 Champaign Asphalt Co., bid, 659
 contract, 26, 29, 847, 864
 addition, 464, 666, 765
 Champaign Builders Supply Co., purchase, 1264
 Champaign Coca-Cola Bottling Co., purchase, 342
 Champaign County, contract, 441
 Champaign County Cerebral Palsy Fund, gift, 1211
 Champaign County Feed Co., purchase, 500
 Champaign County Service Co., purchase, 1494
 Champaign County State's Attorney, contract, 1208
 Champaign Plumbing & Heating Co., contract, 839
 Champaign-Urbana Clean Towel Service, purchase, 377
 Champion, W. C., degree, 1557

- Chan, H. W., degree, 801
 Chan, Thomie, appointment, 391
 Chance, P. W., degree, 1541
 Chancellor, R. C., appointment, 274, 1110
 Chandler, Mrs. Annabel R., appointment, 1137
 Chandler, F. A., appointment, 206, 229, 1043, 1067
 member of advisory committee, 562
 Chandler, J. L., degree, 1564
 Chandler, M. Jeanne, appointment, 1145
 Chandler, Mrs. Margaret K., appointment, 85, 179, 918, 1015
 leave of absence, 1316
 Chandler, Marion, degree, 1247
 Chandler, W. G., degree, 820
 Chandler Research Fund, addition, gift, 1219, 1474
 Chaney, Shirley J., appointment, 276
 Chang, C. C., degree, 1387
 Chang, J. M., degree, 809
 Chang, Kuo-Sui, degree, 577
 Chang, Peh-I, appointment, 444, 1271, 1498
 Chang, R. K. J., degree, 595
 Chang, Szu S., appointment, 1423
 degree, 1539
 Chang, Tzeh N., degree, 1390
 Changnon, J. R., degree, 580
 Changnon, Pauline E., appointment, 150, 985
 leave of absence, 1383, 1488
 Changnon, S. A., Jr., degree, 820
 Chanler, Josephine H., appointment, 43, 80, 914
 Channick, H. S., degree, 1249
 Channon, Mrs. Elizabeth J., appointment, 264, 303
 Channon, S. L., degree, 576
 Chao, Bei-Tse, appointment, 129, 964, 1271
 Chao, Chuan-ying, fellowship, 1480
 Chapin, E. H., degree, 418
 Chapman, A. Z., appointment, 1349
 Chapman, C. A., appointment, 78, 911
 Chapman, C. E., degree, 1389
 Chapman, D. H., appointment, 694
 Chapman, E. R., degree, 798
 Chapman, G. C., degree, 1553
 Chapman, J. R., degree, 591
 Chapman, Mrs. Pauline V., appointment, 284, 1120
 Chapman, Pauline W., degree, 827
 Chapman, R. A., appointment, 355, 1183
 Chapman, W. P., Jr., degree, 802
 Chapman & Cutler, legal services, housing projects in Chicago, payment, 736
 residence halls, bond issue, 763, 1267
 Chapman Chemical Co., gift, 1469
 Chapp, Mrs. Dorothea, appointment, 318, 1156
 Chapp, J. M., degree, 802
 Chappee, J. H., degree, 588
 Chappellear, C. E., degree, 580
 Chappellear, F. E., degree, 1559
 Chark, E. B., degree, 809
 Charles, Eunice, appointment, 12
 Charles, S. F., fellowship, 512
 Charles, Virginia R., appointment, 110, 114, 115, 944, 948
 degree, 793
 Charles Street, property at 920 West, purchase, 3
 Charlesworth, D. E., degree, 585
 Charlton, I. A., degree, 1236
 Charters, Charlotte A., degree, 805
 Charters, W. W., Jr., appointment, 151, 986
 Charter Seed Co., contract, 440
 Chase, A. L., degree, 1551
 Chase, D. M., fellowship, 681
 declination, 731
 Chase, J., degree, 1567
 Chase, M. N., appointment, 127
 declination, 403
 Chase, Mary L., appointment, 108, 119, 942
 Chasman, H., degree, 593
 Chatham, G. N., appointment, 1271
 Chatham United Presbyterian Church, gift, 1216
 Chatkin case, committee to employ counsel and approve the fee structure, 459
 decision, 664
 Chatt, E. J., degree, 816
 Chatterton, A. P., certificate, 430
 Chatz, R. B., degree, 419
 Chau, Sek-Hong, appointment, 643, 1193
 Chaudhuri, Debidas, degree, 1243
 Chauffournier, R., appointment, 43, 391, 1224, 1333
 Chauvet, F., appointment, 353, 1181
 Chazen, C., certificate, 41
 Checov, L., appointment, 1313
 Chedsey, W. R., appointment, 130, 965
 Cheema, L. S., degree, 789
 Cheever, E. G., degree, 1544
 Chekytis, G. J., degree, 828
 Chelin, Emily, appointment, 1175
 Chelnick, D. M., degree, 591
 Chemical Engineering, fellows, 1480
 gift, fellowship, Du Pont, E. I., de Nemours & Co., 548, 1212
 Ethyl Corp., 1212
 Pan American Refining Corp., 1212, 1468
 Pittsburgh Consolidated Coal Co., 549, 1468
 Shell Fellowship Committee, 549, 1212
 Standard Oil Co. of Indiana, 1469
 Standard Oil Co. of Ohio, 1212
 Visking Corp., 1469
 Chemical Engineering Research, budget, 123, 278, 957, 1114
 Chemical Fireproofing Corp., contract, 472
 Chemical nitrogen on soil, research, contract, change, 610, 1344
 Chemical research, fellowship, gift, Brown, Mrs. Antoinette F., 1262
 Chemicals, effect on defoliation of plants, research, gift, 1213, 1469
 purchase, 852, 1520
 Chemical Storeroom, purchase, acids, 852
 chemicals, 852, 1520
 glassware, 526, 838, 1206, 1520
 laboratory apparatus, 852, 1520
 laboratory equipment, 467, 525
 mantles, 671
 porcelain ware, 526
 Chemistry, appropriations, balances reapropriated, 37, 39, 1198
 budget, 71, 265, 905, 1101
 summer session, 690, 1446
 fellows, 677, 1480
 gift, fellowship, Allied Chemical & Dye Corp., 548, 1468
 American Cyanamid Co., 548
 Armour & Co., 1211
 Cincinnati Chemical Works, Inc., 548, 1211
 Commercial Solvents Corp., 1468
 Dow Chemical Co., 548, 1212
 Du Pont, E. I., de Nemours & Co., 548, 1212
 Eastman Kodak Co., 549, 1212
 Ethyl Corp., 549
 Firestone Tire & Rubber Co., 1212
 General Aniline & Film Corp., 1468
 Lauhoff Grain Co., 549
 Lilly, E., & Co., 549, 1212
 Lindsay Light & Chemical Co., 549, 1468
 Minnesota Mining & Manufacturing Co., 1212
 Monsanto Chemical Co., 1468
 National Academy of Sciences, 1212
 Olin Industries, Inc., 1468
 Procter & Gamble Co., 549, 1212
 Rohm & Haas Co., 1469
 Searle, G. D., & Co., 1212
 Sinclair Refining Co., 549, 1469

Chemistry, cont'd

- Socony-Vacuum Laboratories, 1212, 1469
 Standard Oil Co. of California, 549, 1212
 Standard Oil Co. of Indiana, 1469
 Standard Oil Co. of Ohio, 1212
 Strong, H., Educational Foundation, 549
 Upjohn Co., 549, 1212
 Victor Chemical Works, 549, 1213
 Visking Corp., 549, 1469
 Western Cartridge Co., Division of Olin Industries, Inc., 549, 1213, 1469
 funds, University Foundation, 1214
 research, Commercial Solvents Corp., 1213
 Du Pont, E. L., de Nemours & Co., 548, 1213
 International Nickel Co., Inc., 1213
 Lilly, E., & Co., 550
 Nutrition Foundation, Inc., 1213
 Research Corporation, 1213
 United States Public Health Service, 550, 551
 Karl Folkers lecture series, established, 1210
 purchase, distillation apparatus, 524
 electrometer, 1520
 electron microscope, 852
 electronic diffraction unit, 1466
 equipment, 669
 fume hood, 766
 intensifier, 375
 laboratory equipment, 1343
 lens kits, 852
 magnet assembly, 1206
 potentiometers, 615
 power supply, 852
 refrigeration unit, 502
 spectrographic equipment, 613
 spectrometer, 502, 564
 spectrophotometer, 854
 storage bins, 341
 vacuum pump, 852
 Chemistry Annex, asphalt tile floors, contract, 545
 Chen, Alice J. L., degree, 453
 Chen, Chia-yung, degree, 781
 Chen, Chuan F., fellowship, 1484
 Chen, Han K., appointment, 391
 Chen, Kuo-Tsai, appointment, 729, 971
 Chen, Ming M., degree, 1535
 Chen, Mrs. Mo-Ling H., appointment, 184
 leave of absence, 646
 Chen, P. T. H., degree, 793
 Chen, Shih-Chen, degree, 794
 Chen, Tien Y., fellowship, 679, 1482
 Cheney, Mrs. Mary J., appointment, 333
 Cheng, Kuang-Lu, degree, 780
 fellowship, 731
 resignation, 1382
 Chenoweth, Mrs. Barbara, appointment, 1156
 Chenoweth, D. L., degree, 817
 Chenoweth, Verna F., degree, 1250
 Cherner, Natalie F., degree, 1397
 Chernoff, H., appointment, 80, 696, 913
 declination, 877
 leave of absence, 778
 resignation, 1501
 Chernoff, R. C., degree, 1395
 Cherpeck, Elaine A., degree, 809
 Cherry, C. N., appointment, 918
 degree, 578
 Cherry, S., appointment, 869, 959
 degree, 790
 Cherry, Sue, appointment, 1186
 Chertack, M. M., appointment, 43, 355, 570, 1033, 1040, 1224
 Chertack, Mrs. Orabelle, appointment, 312, 1149
 Chervinko, E. J., degree, 813
 Chesebro, Nina K., degree, 1241
 Chesney, L. R., Jr., appointment, 7, 154, 989
 Chesnut, Alma N., appointment, 263, 1099
 Chesnutt, E. W., degree, 419
 Chevin, L., degree, 802
 Chew, G. P., appointment, 350, 391, 967
 Chiang, Shih-ngang, degree, 579
 resignation, 572
 Chicago, city of, lease, 1475
 request, release of Navy Pier Drill Hall, 1421
 Chicago, Milwaukee, St. Paul, and Pacific Railroad, bonds, purchase, 1420
 Chicago Apparatus Co., purchase, 30, 440, 525, 526, 612, 670, 671, 767, 838, 852, 1206, 1520
 Chicago Club, bonds, sale, 568
 Chicago Departments Committee, housing projects in Chicago, report, 505, 569
 members, 602, 1405
 Chicago Elevator & Machinery Co., bid, rejected, 651
 Chicago Farmers, gift, 547, 1210
 Chicago Fire Equipment Co., contract, 472
 Chicago General Stores, purchase, hospital gowns, 439
 laboratory coats, 375
 laundry soap, 670
 surgical dressing and gauze, 33
 syringes, 342, 564
 textiles and cotton goods, 30, 559
 towels, 439
 Chicago Heart Association, gift, 554, 1472
 Chicago Illini Union, acoustical ceiling, contract, 865
 budget, 234, 327, 1072, 1168
 remodeling, appropriation, balance reappropriated, 40
 roof repair, contract, 1327
 Chicago Junior League, gift, 554
 Chicago Pneumatic Tool Co., purchase, 525
 Chicago Producers Commission Association, purchase, 1416
 Chicago Professional Colleges, administrative officer, appointment, 1320
 admission, policy, 1255
 appropriations, balances reappropriated, 39, 365
 architectural services, minor remodeling, appropriation, 611
 budget, 195, 1030
 summer session, 704, 1459
 buildings, metal doors, replacement, contract, 1325
 remodeling, release of funds, 491
 coal, contract, 1205
 cover glasses, purchase, 853
 electrical distribution system, additions, 24
 contract, 464, 848
 extension, release of funds, 338
 equipment, appropriation, 1324
 release of funds, 491
 fees, tuition, nonresident, increase, 539
 fellows, appointment, 683
 housing project, bids, request, 569
 bond issue, legal services, payment, 736
 printing, contract, 622
 resolution authorizing, 622
 construction budget, revisions, 442
 construction fund account, 666
 contracts, 650
 financing, 569, 621
 inspection tour, 1504
 laboratory glassware, purchase, 767
 land, acquisition, 1265, 1461
 microscope equipment, purchase, 439
 musical instruments, appropriation, 435
 nurses, housing in Presbyterian Hospital Nurses Home, 1260
 Nursing School, established, 1339
 old heating plant, removal and sale of equipment, contract, 1415
 repairs, appropriation, 1415
 parking area, appropriation, 845

Chicago Professional Colleges, cont'd

- Physical Education quarters, remodeling, 845
- public utilities lines, relocation, 657
- residence hall site, relocation of alley, 656
- sidewalks and curbs, replacement, contract, 370, 1474
- steam distribution lines, easements, 656
- steam plant, appropriation, addition, request, 383
- chimney, demolition, contract, 1303
- operation, 764
- release of funds, 519
- veterans, books, supplies, and equipment, contract, 713
- education and training, contract, 668
- vice-president, leave of absence, 1320
- withdrawal of students for military and other national defense services, regulations, 432
- working cash fund, increase, 1465
- Chicago Professional Colleges Women's Auxiliary, gift, 1217
- Chicago Pump Co., purchase, 768
- Chicago Rotary Club Women, gift, 556, 1217, 1474
- Chicago Undergraduate Division, appropriations, balances reappropriated, 40, 365
- Air Force R.O.T.C. quarters, remodeling, appropriation, 1324
- contract, 1517
- Army R.O.T.C. facilities, appropriation, 1199
- bookstacks, appropriation, 762
- budget, 236, 1075
- summer session, 701, 1457
- catalog, printing, 712, 1494
- central stenographic service, equipment, appropriation, 546
- Drill Hall, lease, 1475
- release, request, 1402, 1421
- reroofing, contract, 1517
- football games, rental of stadium, 1305
- gas service, contract, 610
- inspection by Board of Trustees, 1336
- microscopes, appropriation, 1259
- Navy Pier, lease, 1475
- purchase, acids, 502
- chairs, 1466
- drill hall fire insurance, 614
- electric composing machine, 613
- fuel oil, 31, 852
- laboratory equipment, 441
- laboratory glassware, 526, 767
- library shelves, 837
- microscopes, 1305
- paper towels and tissue, 1263
- safe, 558
- remodeling, appropriation, 441
- contract, 441, 1260
- scholarships, gift, 556
- student newspaper, printing, 440
- veterans, instruction and supplies, contract, 560
- withdrawal of students for military and other national defense services, regulations, 431
- working cash fund, increase, 1465
- Chicago Vitreous Enamel Product Co., contract, change, 668
- Chicca, L. D., degree, 1251
- Chicoine, G. E., degree, 803
- Childers, C. W., fellowship, 677
- Childers, Mrs. Joyce, appointment, 1165
- Childers, Mrs. Mary A., appointment, 1111
- Children, exceptional, research, 1523
- mentally handicapped, preschool project, funds, gift, 550
- Childress, J. W., appointment, 269, 1105
- Childs, M. E., appointment, 130, 965, 1224
- Child welfare and development, funds, gift, 1211

- Chimney, Abbott Power Plant addition, contract, 25
- addition, 659
- steam plant in Chicago, demolition, contract, 1303
- Chin, R. B., degree, 802
- Chin, Ruby E., degree, 809
- Chin, Te-Ning, appointment, 1224
- degree, 1385
- China, purchase, Illini Union, 440
- Residence Halls, 342
- Chipman, D. R., degree, 416
- Chittenden, Dorothy D., degree, 1393
- Chittler, S. J., degree, 424
- Chlorinated hydrocarbon compounds as insecticides, study, contract, change, 865
- Chlup, J. F., degree, 820
- Chlup, R. D., degree, 1567
- Chock, P. W. H., appointment, 358
- Chodacki, H. S., degree, 419
- Chodakowski, A. S., appointment, 126, 693, 961, 1377, 1423
- Chodora, C. R., degree, 813
- Chodorkoff, B., fellowship, 1315
- Cholecystokinin and secretin, research, gift, 1471
- Chong, Eleanor F. Y., degree, 1543
- Chorne, V. M., degree, 1400
- Choronzy, R., degree, 803
- Chorus, revolving account, 157, 992
- Chow, Philip Y., degree, 1540
- Chow, Tseng K., degree, 794
- Chow, Ven-Te, appointment, 1292, 1498
- Chow, Wen-Lung, degree, 415
- fellowship, 681, 1484
- Christen, Evelyn, appointment, 321
- Christensen, A. C. E., degree, 828
- Christensen, C. S., certificate, 41
- Christensen, M. F., degree, 1564
- Christensen, R. H., degree, 797
- Christensen, W. A., degree, 594
- Christenson, R. C., certificate, 841
- Christian, R. E., degree, 592
- Christiansen, Donna J., degree, 1560
- Christiansen, E. B., degree, 1394
- Christiansen, G. R., degree, 1563
- Christiansen family, gift, 556
- Christianson, R. C., degree, 808
- Christie, T. M., degree, 809
- Christjansen, A. E., degree, 1401
- Christman, D. B., degree, 587
- Christmann Hardwood Co., purchase, 615
- Christmas Neighbor's Club of Prairie Farmer Station WLS, gift, 556
- Christner, Eleanor B., degree, 414
- Christner, L. D., degree, 1401
- Christoff, Geraldine H., degree, 817
- Christoffers, W. H., appointment, 1377
- degree, 1391
- Christophersen, B., degree, 417
- Christopherson, E. H., appointment, 1189
- Chronic illness hospital, facilities for education and research, 562
- plan of affiliation, 1300
- Chrysler, Barbara J., degree, 817
- Chrysafopoulos, N., appointment, 1526
- degree, 1540
- Chu, Chia-chen, degree, 781
- Chubb, T. R., degree, 813
- Chun, N., appointment, 1192
- Chun, T. W. N., degree, 805
- Churovich, M. D., degree, 1393
- Chute, O. M., appointment, 1448
- Ciancone, E. S., degree, 411
- Ciba Pharmaceutical Products, Inc., gift, 552
- Ciesla, Sophie, appointment, 320, 1159
- Ciha, A. G., degree, 1400
- Ciha, Mrs. Claire O., appointment, 117, 950
- resignation, 1382
- Cikas, J. G., appointment, 329, 1171
- Cincinnati Chemical Works, Inc., gift, 548, 1211

- Cincinnati Gas & Electric Co., stock, purchase, 568
- Cipolla, A. F., appointment, 352, 1180
- Cipolle, D. F., degree, 590
- Circulation, research, gift, 552, 553
- Ciske, W. H., degree, 423
- Citizens Committee, budget, 68, 900
- Citow, B. J., degree, 1399
- City planning, fellowship, gift, 1469
- Civil Aeronautics Administration, airport improvements, grant offer, acceptance, 858 application, 640
- Civil Engineering, appropriations, balances re-appropriated, 39
 budget, 124, 278, 957, 1114
 summer session, 691, 1446
 curriculum, changes, 1410
 fellows, 679, 1482
 instruction for military personnel, contract, 440
 purchase, electronic equipment, 1263
 shaper, 1304
 theodolite, 468
 turbine pumping machine, 559
 remodeling, appropriation, 23, 654, 1199
 research facilities, appropriation, 706
 revolving account, 960
 storage building, contract, 764
 summer camp, income from fees, 715
 revolving account, discontinued, 715
- Civil Engineering Hall, men's toilet, installation of tile and marble, 1521
- remodeling, appropriation, balance reappropriated, 39
- Civil Engineering Surveying Camp, petty cash fund, appropriation, 1324
- depository, 1324
- established, 1323
- veterans, hospital and medical fees, contract, 668
- Civil service, class specifications, changes, 12, 737
 salary ranges, changes, 12, 737
 state-wide system, director, 1269
 established, 843
 merit board, University representatives, 844
 office at University, 1269
- Civil Service and Employees Committee, changes in Civil Service Law, 499
 report, 516
 members, 602
 name, change, 772
 wage rates on construction work at Robert Allerton Park, 443
- Civil Service Law, changes, proposed, 498
 referred to Committee on Civil Service and Employees, 499
 report of Committee on Civil Service and Employees, 516
- Civil Service Merit Board, activities, report, 1503
 administrative staff, appointment, 1311
- Cizek, Blanche, appointment, 324
- Cizek, J. T., Jr., degree, 1557
- Cizna, Alice, appointment, 307, 1144
- Claar, J. B., appointment, 1224
- Clabaugh, C. W., appreciation for services to University, 1336
 invitation to January meeting, 1331
- Clabaugh, D. E., degree, 1554
- Claeys, Jeanne F., degree, 1556
- Clafford, Karin M., degree, 819
- Clancy, Margaret C., appointment, 305, 1141
- Clancy, W. T., degree, 455
- Clanton, Eula, appointment, 295, 1132
- Clapp, C. R., degree, 411
- Clapp, J. W., degree, 802
- Clapp, L. W., appointment, 270, 1106
- Clare, C. P., Co., purchase, 340
- Claridge, T. W., degree, 1565
- Clark, Mrs. Alice V. B., estate, funds, received, 709
 use, 709
- Clark, Mrs. Anna J., appointment, 287
- Clark, B. B., degree, 1567
- Clark, C. C., appointment, 652, 921
- Clark, C. E., appointment, 362, 1191
- Clark, Carolyn J., degree, 1565
- Clark, Clementene P., degree, 1401
- Clark, Cynthia E., degree, 825
- Clark, Mrs. Doris, appointment, 1138
- Clark, Dorothy, appointment, 260, 1096
- Clark, Mrs. Dorothy B., appointment, 1132
- Clark, Dorothy E., appointment, 157, 991, 1452
- Clark, E. Arlene, appointment, 294
- Clark, Edward E., Jr., degree, 817
- Clark, Eugene E., appointment, 281
- Clark, E. W., degree, 829
- Clark, Francis M., appointment, 71, 903, 1445
- Clark, Frank M., certificate, 488
- Clark, G., degree, 595
- Clark, G. B., appointment, 131, 965
 degree, 1534
 discovery, patent rights, release, 1325
- Clark, George Leslie, appointment, 1271
- Clark, George Lindenberg, appointment, 72, 905
- Clark, Garnita, appointment, 320
- Clark, H. B., degree, 789
- Clark, J. A., Jr., degree, 588
- Clark, J. G., appointment, 124, 691, 958, 1447
- Clark, James W., appointment, 357, 1186
- Clark, John W., appointment, 362, 1191
 leave of absence, 1530
- Clark, Juanita B., appointment, 303, 1139
- Clark, K. M., appointment, 301
- Clark, Kathryn B., degree, 807
- Clark, Leadie M., degree, 1534
 fellowship, 679
- Clark, M., appointment, 266, 1118
- Clark, M. E., appointment, 134, 969, 1377, 1456
- Clark, Margaret E., degree, 1249
- Clark, Mrs. Pearl, appointment, 305
- Clark, R. F., degree, 591
- Clark, R. N., Jr., degree, 790
- Clark, R. T., degree, 1394
- Clark, Ruby H., degree, 1250
- Clark, W. A., degree, 798
- Clark, William C., appointment, 280, 1116
- Clark, William Clarence, appointment, 391, 1271
 degree, 1535
 resignation, 731
- Clark, W. E., appointment, 274, 1110
- Clark, W. L., degree, 813
- Clarke, C. W., appointment, 221, 1057
- Clarke, Florence A., degree, 1241
- Clarke, Helen E., degree, 1284
- Clarke, J. V., Jr., degree, 579
- Clarke, K. G., degree, 1533
- Clarke, Lorena, appointment, 231, 1069
- Clarke, Marjorie A., appointment, 296
- Clarke, W. H., degree, 805
- Clark Linen & Equipment Corp., purchase, 837, 1416
- Clary, Cornelia L., appointment, 43, 182
- Clary, P. S., degree, 407
- Clasen, R. A., degree, 823, 1573
- Classical Museum, appropriations, balances re-appropriated, 37
 budget, 88, 921
- Classics, budget, 73, 266, 906, 1102
 summer session, 691, 1447
 fellows, 1482
- Class of 1901, memorial, 1332
- Class of 1950, gift, 547
- Class of 1951, gift, 1468
- Class specifications, civil service, changes, 12, 737
- Claudio, S. S., Jr., degree, 803

- Claus, C. K., degree, 1240
 Clausen, C. V. J., degree, 589
 Clausen, Irene H., degree, 420
 Clauser, C. C., degree, 1251
 Claxton, Margaret C., appointment, 267
 Clay, C. L., degree, 414
 Clay, F. B., degree, 798
 Clay, J. H., degree, 1239
 Clay Adams Co., Inc., gift, 1471
 Claybaugh, L. H., appointment, 279, 1115
 Clay mineralogy, fellowship, gift, 549
 Claypool, Barbara, appointment, 311
 Clayton, G. T., appointment, 350, 391, 689, 988, 1445
 Clayton, J. T., appointment, 43, 1224 degree, 788
 Clayton, R. W., Jr., degree, 818
 Clayton, Mrs. Rita M., appointment, 287
 Cleary, E. W., appointment, 164, 507, 1000, 1451
 appreciation of committee's report on College of Commerce and Business Administration, 726
 Cleary, J. D., degree, 802
 Cleary, Mrs. Mable, appointment, 328
 Cleary, W. J., certificate, 1328
 Cleary Committee, report, reorganization of College of Commerce and Business Administration, 718, 720
 Cleaver, K. L., degree, 421
 Cleer, P. E., certificate, 1328
 Cleft palate training program, space in University Hospital, 472
 Cleland, W. B., degree, 818
 Clement, Alice M., appointment, 210, 229, 1042
 Clement, Mrs. Dorothy, appointment, 308
 Clements, R. L., fellowship, 677
 declination, 683
 Clemins, C. F., certificate, 1328
 Cleveland, D. J., degree, 1563
 Cleven, Mrs. Carol C., appointment, 1112, 1526
 degree, 418
 Cleven, Marjorie M., degree, 1556
 Cleven, W. A., appointment, 918
 degree, 1537
 Clevenger, A. W., appointment, 144, 151, 691, 980, 986
 Clevenger, R. M., appointment, 1108
 Clifford, E., appointment, 1224
 Clifford, Margaret E., appointment, 699, 1455
 Cline, G. M., appointment, 1189
 Cline, Marlene F., appointment, 112
 Cline, Polly F., appointment, 310, 1147
 Clinebell, P. W., appointment, 43
 Clinical faculty, Medicine, 351, 1179
 Clinical Medicine, Veterinary, appropriations, balances reappropriated, 38
 budget, 998
 revolving account, 998
 Clinical psychology, training of students, funds, gift, 550, 1470
 Clinical Science, budget, 203, 308, 1038, 1144
 clinical faculty, 352, 1180
 equipment for photofluoroscopic project, appropriation, 521
 gift fund, addition, 1219, 1473
 liver, purchase, 615
 research, gift, 551, 552, 553, 554, 555, 556, 1215, 1216, 1217, 1218
 Clinics, budget, Dentistry, 217, 313, 1053, 1150
 Research and Educational Hospitals, 227, 317, 1064, 1155
 Clinite, Ruth G., appointment, 260, 1096
 Clink, D. W., degree, 591
 Clinton, J. E., degree, 812
 Clohecy, R. M., degree, 820
 Clooney, D. H., degree, 813
 Clore, Ruth E., appointment, 391, 697, 1017, 1452
 Close, C. C., degree, 1571
 Close, Mrs. Luann D., appointment, 1150
 Closet units, study, contract, 560
 Clough, C. M., degree, 594
 Clough, N. V., degree, 589
 Cloutier, R. E., degree, 808
 Cloyd, Mrs. Gwen A., appointment, 276, 1112
 Cloyd, J. H., degree, 798
 Cloyd, Mrs. Nancy E., appointment, 256, 1092
 Clune, Hattie L., appointment, 1313
 Clure, J. L., degree, 800
 Clutter, L. W., degree, 792
 Clutterham, D. R., appointment, 869
 Cluver, Wilma L., degree, 1248
 Cmarik, G. F., appointment, 94, 927
 Coad, C. S., appointment, 265, 1101
 Coal, compliance of Republic Coal & Coke Co. with contract specifications, report, 377
 contract, 389, 506, 850, 1205, 1312, 1423
 purchase, 29, 31, 342, 375, 767, 853, 1495, 1521
 Coan, J. M., appointment, 122, 688, 956
 Coard, R. L., degree, 1385
 Coates, C. L., appointment, 127, 693, 961, 1377, 1449
 Coates, J. C., 1254
 Coates, J. F., degree, 789
 Coates, S. G., degree, 592
 Coatney, Mrs. Winifred W., appointment, 256
 Coats, military, purchase, 439
 Cobalt, separation from nickel, research, gift, 1213
 Cobb, A. C., appointment, 43, 246, 702, 1085
 Cobb, C. M., degree, 825
 Cobb, H. C., appointment, 1125
 Cobb, Mrs. Jacqueline, appointment, 292
 Cobb, T. C., degree, 575
 Cobb, V. W., degree, 1395
 Coben, S. E., fellowship, 1278
 Coberley, R. C., degree, 809
 Cobert, I., degree, 828
 Coble, A. B., appointment, 80, 913
 Coblyn, Rita, appointment, 1143
 Coburn, L., appointment, 1020
 degree, 1244
 Coburn, M., degree, 414
 Coca-Cola vending machines, Illini Union, purchase, 342
 Cochran, B. L., degree, 586
 Cochran, J. A., appointment, 141, 977, 1447
 leave of absence, 532
 Cochran, J. F., fellowship, 1529
 Cochran, J. J., Jr., appointment, 281, 1118
 Cochran, P. J., appointment, 256, 1093
 Cochrun, C. L., & Son, purchase, 499
 Cochrun, I. A., appointment, 139, 975
 Coe, Mrs. Mary O., appointment, 1095
 Coffeen, Barbara J., degree, 1554, 1557
 Coffelt, Mrs. Jane, appointment, 1142
 Coffin, Georgia R., appointment, 184, 1019
 resignation, 1382
 Coffin, Jean A., appointment, 9
 Coffey, Nancy R., degree, 1556
 Coffman, Mrs. Carrie H., appointment, 304, 1140
 Coffman, N. Marybelle, appointment, 263
 Cogan, E. A., appointment, 507
 Cogan, S. R., degree, 823, 1573
 Coggs, W. T., appointment, 263, 1099
 Cogswell, J. B., appointment, 271, 1107
 Cohan, M. H., degree, 828
 Cohen, A., certificate, 841
 degree, 813
 Cohen, Mrs. Annette, appointment, 331
 Cohen, C., degree, 1537
 fellowship, 681, 1485
 Cohen, Carolyn R., degree, 817
 Cohen, D. A., degree, 1247
 Cohen, D. P., degree, 594
 Cohen, E., certificate, 488
 Cohen, E. S., degree, 825, 1573
 Cohen, Ellen K., degree, 1571

- Cohen, Francine G., degree, 816
 Cohen, H., certificate, 1357
 Cohen, H. L., degree, 823
 fellowship, 401, 876
 Cohen, J. B., appointment, 83, 698, 917
 Cohen, L. M., appointment, 869
 degree, 789
 resignation, 1316
 Cohen, Lenore I., degree, 421
 Cohen, Max, certificate, 489
 Cohen, Melvin, certificate, 1328
 Cohen, M. D., certificate, 1328
 Cohen, M. J., appointment, 1377
 Cohen, Phyllis R., degree, 1540
 Cohen, Roselyn L., degree, 805
 Cohen, S., degree, 809
 Cohen, S. E., degree, 1554
 Cohen, S. M., degree, 1533
 Cohen, Sally, degree, 1396
 Cohen, Suzann M., degree, 1557
 Cohen, Sylvia, appointment, 313, 1151
 Cohler, D. A., certificate, 841
 Cohn, Audrey F., degree, 420
 Cohn, Mrs. Eva M., appointment, 103, 936
 resignation, 1486
 Cohn, M., appointment, 869, 1224
 degree, 783
 Cohn, R. G., appointment, 164, 695, 1000,
 1451
 Cohn, R. L., degree, 816
 Cohn, Samuel, degree, 817
 Cohn, Sheldon, degree, 817
 Cohon, H. G., degree, 587
 Cohoon, C. W., degree, 1546
 Cohoon, Mrs. Louise C., appointment, 262
 Cohoon, R. L., degree, 803
 Cohrs, D. G., degree, 591
 Cohrs, Joyce S., degree, 1387
 fellowship, 512, 682, 731
 Coke, purchase, Housing Division, 853
 Residence Halls, 31
 Colbert, E. R., degree, 594
 Colbert, L. S., contract, adjustments, 33, 379,
 441, 523
 purchase, 1326
 Colbert, R. P., degree, 1389
 Colborn, Marilyn J., appointment, 1092
 degree, 591
 Colburn, W. E., appointment, 909
 Colby, A. S., appointment, 111, 945
 Colby, D. L., degree, 1251
 Colby, Mrs. Lucille C., appointment, 1100
 Colby, Mrs. Mary M., appointment, 244, 703,
 1083
 Coldren, Carol P., degree, 592
 Cold storage operator, work schedule, change,
 705
 Cole, D. H., appointment, 129, 964
 Cole, Dorothy E. L., appointment, 773, 870,
 1017, 1453
 declination, 1530
 resignation, 1530
 Cole, E. B., degree, 595
 Cole, E. J., degree, 1563
 Cole, Hattie, appointment, 270, 1107
 Cole, I. W., appointment, 60, 167, 507, 1451,
 1456
 resignation, 572
 Cole, Jean D., degree, 589
 Cole, L. E., appointment, 281, 1117
 Cole, M. S., degree, 591
 Cole, Mrs. Margaret C., resignation, 46
 Cole, Mary C., degree, 785
 Cole, Mrs. Nedra L., appointment, 1112
 Cole, R., degree, 1533
 Cole, R. H., appointment, 139, 870, 975, 1526
 Cole, R. L., degree, 814
 Cole, W. H., appointment, 213, 228, 1049,
 1067
 leave of absence, 778
 Coleman, D. A., degree, 795
 Coleman, F. J., certificate, 1337
 Coleman, Mrs. Gloria L., appointment, 330
 Coleman, Mrs. Helene C., appointment, 312
 Coleman, J. G., degree, 1546
 Coleman, J. W., degree, 1236
 Coleman, P. D., appointment, 1178, 1333
 Coleman, R. D., degree, 798
 Coleman, Ruth B., appointment, 204, 476, 507,
 1039
 Coleman Floor Co., contract, 545
 Colgrove, Mrs. Doris E., appointment, 1119
 Colgrove, R. S., fellowship, 677, 1480, 1500
 Collard, Mrs. Virginia N., appointment, 256
 Collective bargaining, nonacademic employees,
 policy and rules, 1426
 Collegiate Cap & Gown Co., caps and gowns,
 rental, 467, 672, 1466
 Collier, C. C., degree, 411
 Collier, Helen T., degree, 411
 Collier, R. M., appointment, 83, 916
 Collige, W. F., appointment, 952
 Collins, Chester C., degree, 578
 Collins, Cyrus C., III, degree, 594
 Collins, D. C., degree, 423
 Collins, D. F., certificate, 488
 Collins, E. B., Co., purchase, 31
 Collins, E. F., degree, 1245
 Collins, E. R., degree, 423
 Collins, Mrs. Emma H., appointment, 391,
 1037
 Collins, Erlene L., degree, 589
 Collins, Eunice, appointment, 166, 185
 declination, 403
 Collins, F. R., degree, 1564
 Collins, G. L., degree, 411
 Collins, H. J., Jr., degree, 820
 Collins, J. E., Jr., degree, 816
 Collins, J. L., appointment, 1126
 Collins, Lynn A., appointment, 1320
 Collins, Maurine, appointment, 183, 391, 1018
 Collins, R. D., degree, 1285
 Collins, W. C., degree, 796
 Collins, W. E., degree, 575
 Collins, W. L., appointment, 133, 701, 968,
 1456
 Collins, W. R., appointment, 221, 222, 1058
 Collins, Zona M., degree, 409
 Collins & Lewis, lease, 1209
 Collord, D. F., degree, 1394
 Colman, Dorothy, appointment, 317, 1155
 Colombik, L., degree, 1554
 Colorimeter, purchase, Applied Materia Med-
 ica and Therapeutics, 852
 Pediatrics, 852
 Coltman, K. G., degree, 591
 Colton, Susanna B., appointment, 391
 resignation, 877
 Colucci, V. V., appointment, 308
 Columbia Gas System, Inc., bonds, purchase,
 568
 Columbian Bank Note Co., contract, 622
 Columbia-Southern Chemical Corp., gift, 1469
 Colvin, Doris M., degree, 416
 Colvin, J. C., appointment, 171, 1006, 1007
 Combes, H. A., appointment, 159, 697, 994,
 1453
 Combine, purchase, Agriculture, 524
 Agronomy, 712
 Combs, Mrs. Irene, appointment, 303
 Come, Lois B., appointment, 205
 resignation, 572
 Comein, R. J., degree, 424
 Comer, Mrs. Lois J., appointment, 1100, 1139
 Comer, R. L., degree, 1551
 Comess, M. S., degree, 823, 1570, 1573
 fellowship, 401
 Comfort, T. E., appointment, 694, 1450
 degree, 577
 Comings, E. W., appointment, 72, 690
 resignation, 1279

- Commanday, Joanne B., degree, 452
 Commencement, appropriation, balance reap-
 propriated, 39
 budget, Chicago Professional Colleges, 199,
 1035
 Urbana-Champaign departments, 68, 901
 caps and gowns, rental, 467, 672, 1466
 Commerce and Business Administration, Col-
 lege of, administration, changes, 1338
 advisory committee, 36
 resignation of W. Blackie, 483
 appropriations, balances reappropriated, 1197
 budget, 137, 284, 973, 1120
 Chicago Undergraduate Division, 247,
 332, 701, 1086, 1174, 1457
 conditions, Executive Committee report, 460
 hearing, 479
 procedure, 460
 proceedings recorded, 479
 letter of D. L. Kemmerer, report of
 General Policy Committee, 867
 President's report, 482, 484
 reports, release to the press, 482
 special committee to meet with E. R.
 Peters, 428
 statement of Board, 428
 telegram from E. R. Peters, 428
 curricula, revisions, 489
 dean, appointment, 487, 1268
 resignation, 487
 degrees conferred, 421, 454, 593, 813, 1250,
 1287, 1398, 1561
 equipment, appropriation, 470, 762
 remodeling, appropriation, 492
 reorganization, advisory committee to be
 consulted, 726
 consideration, status, 771
 Cleary report, 718, 720
 faculty to be consulted, 726
 consideration, status, 771
 President's recommendation, 719
 Commerce and law, curriculum, revisions, 490
 Commerce Placement Revolving Account,
 budget, 138, 973
 Commercial Credit Co., bonds, purchase, 1291
 Commercial Solvents Corp., contract, 1327
 change, 1306
 gift, 1213, 1468, 1471
 Commercial teaching, curriculum, revisions,
 490
 fellows, 1482
 Communitor, Aviation, purchase, 768
 Committees, advisory, Agriculture, 1194
 Commerce, 36
 resignation of W. Blackie, 483
 Labor and Industrial Relations, 1195
 Pharmacy, 430, 1255
 Services for Crippled Children, 562
 Veterinary Medicine, 1195
 Board, employ counsel for Chatkin case,
 459
 executive, election, 601, 1404
 hearing of claims against Miller estate,
 1422
 meeting with Senator Peters about condi-
 tions in College of Commerce and
 Business Administration, 428
 standing, 602, 1405
 television, 1222
 faculty, hearing, case of T. R. Allen, re-
 port, 4
 case of P. J. May, 605
 case of R. Taylor, 1293, 1320
 Commonwealth Edison Co., contract, 464, 769,
 1264
 addition, 849
 change, 561, 1417
 electrical service, appropriation, 24
 stock, sale, 835
 utilities lines, relocation, 657
 Communications, Division of, acting dean, ap-
 pointment, 474
 appropriations, balances reappropriated,
 1196, 1197
 budget, Chicago Professional Colleges, 199,
 307, 1034, 1144
 Chicago Undergraduate Division, 240,
 331, 1079, 1173
 Urbana-Champaign departments, 165, 288,
 1000, 1124
 research, gift, Rockefeller Foundation, 1470
 television transmitter, gift, 765
 repairs and shipping, appropriation, 762
 Communications awards, funds, gift, 1468
 Communications Research, Institute of, ap-
 propriations, balances reappropriated, 38
 awards for radio writing, gift, 548
 budget, 166, 1001
 Community development plan, appropriations,
 balances reappropriated, 37, 1196
 guide for future development of campus,
 661
 Community Planning, Bureau of, appropria-
 tions, balances reappropriated, 38
 budget, 158, 287, 992, 1123
 Compall, T. C., appointment, 1377
 Compensation, nonacademic employees, meth-
 ods of determining rates, 1428
 negotiation procedure, 1427
 Comper, L. F., degree, 591
 Compere, E. L., member of advisory com-
 mittee, 562
 Compher, D. C., degree, 1394
 Compher, Mrs. Glenna K., appointment, 287,
 1124
 Composition, *See* Rhetoric and Composition.
 Compounds of high nitrogen content, re-
 search, contract, 560
 Compton, C. E., appointment, 391
 Compton, M. E., appointment, 182, 643, 1017
 Compton, R. F., degree, 825
 Comptroller, election, 601, 1404
 report, contracts, 33, 378, 440, 469, 502,
 523, 560, 610, 668, 713, 769, 864, 1206,
 1264, 1305, 1327, 1344, 1360, 1416,
 1464, 1495, 1521
 quarterly, 380, 470, 561, 714, 1210, 1306,
 1361, 1495
 signature, delegation, 443, 858
 delegation for withdrawals from Den-
 tistry, Medicine, and Pharmacy Con-
 struction Fund Account, 666
 Computer, *See* Electronic digital computer.
 Computer device, patent rights, release, 709
 rental, contract, 668
 Comrey, A. L., appointment, 83
 resignation, 493
 Comstock, Ann, appointment, 11
 Conant, J. L., degree, 1236
 Conard, A. F., appointment, 164, 695, 1000
 Conat, Mabel, appointment, 1526
 Concannon, R. B., certificate, 1328
 Concert and Entertainment Board, gift, 1211
 Concrete, punching, study, contract, 1417
 Concrete columns, reinforced, research, con-
 tract, 769
 gift, 1470
 Concrete slabs, reinforced, study, contract,
 change, 769
 Condie, G. A., degree, 1241
 Condit, L. O., appointment, 1192
 Condl, Emma, appointment, 324, 1163
 Condon, A. C., appointment, 139, 690, 692,
 974, 1445, 1448
 leave of absence, 1235, 1383
 Condon, F. J., certificate, 1328
 Condon, J. V., appointment, 1313
 Condon, W. M., certificate, 1254
 Conduit, Physical Plant, purchase, 614
 Conerty, J. H., appointment, 1096

- Confer, E. E., degree, 828
 Conforti, Mrs. Violet, appointment, 319, 1158
 Congdon, C. S., degree, 1554
 Congdon, W., painting, purchase, 1466
 Conkin, G. S., appointment, 76, 909
 Conkin, Maribeth K., degree, 785
 Conklin, B. C., degree, 586
 Conklin, R. C., degree, 593
 Conlee, Mrs. Arabbell, appointment, 65, 193, 870, 897, 1028, 1498
 Conlee, G. W., appointment, 277, 1113
 Conlee, J. F., degree, 817
 Conley, Inez, appointment, 142
 resignation, 1232
 Conley, T. F., degree, 1542
 Conlon, Mrs. Dorothy, appointment, 330, 1172
 Conn, Martha J., degree, 819
 Connell, Barbara F., degree, 1390
 Connell, Joanne T., degree, 589
 Connell, Mary J., degree, 419
 Connell, Patricia M., degree, 800
 Connell, W. F., appointment, 391
 declination, 513
 Connolly, J. T., Jr., degree, 1546
 Connolly, Margaret A., degree, 1560
 Conner, W. R., degree, 424
 Conners, Mrs. Susanne O., appointment, 242, 702, 1081
 Connery, Mrs. Catherine, appointment, 310, 1147
 Conness, E. J., degree, 815
 Connley, Mrs. Frances L., appointment, 1112
 Connolly, Constance J., degree, 812
 Connolly, H. H., appointment, 124, 958
 Connolly, L. E., degree, 1396
 Connolly, Olive A., degree, 1559
 Connors, Natalie E., degree, 1388
 Connors, W. L., degree, 1241
 Conrad, Edith, fellowship, 681
 declination, 683
 Conrad, F. H., degree, 808
 Conrad, Marilyn C., degree, 819
 Conrad, Narciza O., degree, 1560
 Conrad, P. F., degree, 783
 Conrad, Mrs. Patricia D., appointment, 259
 Conrardy, J. A., degree, 811, 1542
 Conroy, W. A., appointment, 214, 1050
 Consolazio, C. F., appointment, 82
 resignation, 403
 Consolidated Cosmetics, gift, 552
 Consolidated Engineering Corp., purchase, 564
 Consolidated Feldspar Corp., contract, change, 1495
 Constantine, Mrs. Lena, appointment, 1158
 Constantino, H. F., degree, 1391
 Contact relays, Electrical Engineering, purchase, 340
 Conterio, T. V., degree, 1395
 Continental Casualty Co., contract, continuance, 715
 Continental Illinois National Bank and Trust Company, depository for Miller fund, 834
 resolution, 857
 Contracting Construction Co., Inc., 369, 493, 522, 639, 1518
 Contracts, approval, amendment of Statutes, 1255
 Comptroller's report, 33, 378, 440, 469, 502, 523, 560, 610, 668, 713, 769, 864, 1206, 1264, 1305, 1327, 1344, 1360, 1416, 1464, 1495, 1521
 government research, patent policy, 665
 housing, amendment of Statutes, 380
 minor alterations and remodeling, standing contracts, 368, 847, 1518
 research, indirect costs, revision of rules, 1256
 Abbott Laboratories, 523, 1305, 1327
 change, 713, 769
 Abingdon School District, 1207
 Acoustical Floor Tile Co., 658
- Contracts, cont'd
 Air Force, 378, 440, 560, 1206, 1207, 1327, 1464, 1521
 change, 561, 610, 713, 1208, 1328, 1344, 1464, 1465
 Alexander Lumber Co., 1359, 1462
 withdrawal, 1496
 Allis-Chalmers Manufacturing Co., 369
 Alt, W. S., & Son, 770
 Aluminum Sales Products, 764
 American Abrasive Metals Co., 1264
 American Cyanamid Co., Lederle Laboratories Division, 378, 469
 change, 561, 1264, 1464
 American Dehydrators Association, 33
 change, 1208
 American Federation of Arts, 378, 1305
 American Gas Association, change, 561, 1360
 American Hereford Association, 33
 American Iron & Steel Institute, change, 668, 1464
 American Optical Co., 1261
 American Society of Heating and Ventilating Engineers, change, 1464
 Anderson Electric, Inc., 25, 368, 493, 527, 564, 640, 848
 addition, 345
 adjustment, 523, 561, 610, 668, 713, 770, 865, 1209, 1264, 1306, 1328, 1345, 1361, 1417, 1465, 1495, 1521, 1522
 Appleby, W., 1306
 Armour & Co., 523
 change, 1208
 Army, 378, 440, 441, 469, 560, 1206, 1207, 1327, 1464
 change, 668, 1264, 1306, 1328, 1345, 1464, 1495
 Asbestos & Magnesite Materials Co., 1414
 Ashland Iron & Steel Co., 1415
 Associated Piping Contractors, Inc., 650, 1312
 Associated Seed Growers, Inc., 440
 Association of American Railroads, 769
 change, 610, 668, 1417, 1464
 Atomic Energy Commission, 1207
 change, 561, 610, 1208, 1344, 1465
 Automatic Sprinkler Corp. of America, 1414
 Avoca Board of Education, 1327
 Banner Construction Co., 865, 1474
 Baxter Laboratories, 864
 Bean, J. M., Electric & Hardware, 544, 1203
 Beatrice Foods Co., 1207
 Bellis & Miller, addition, 370
 Benton School District, 1207
 Berger and Kelly, 609
 Bergeron, W. G., 378
 Berry, Lydia M., 1209
 Bishop, R. H., Co., 638, 1290
 Blacktop Roads Co., 707
 Bland, R. A., Electric Co., addition, 438
 Bloomer Heating & Ventilating Co., addition, 715, 850
 change, 639
 Boers, J. R., Heating Co., 1344
 Boiler & Radiator Manufacturers, Institute of, change, 1208, 1306
 Borden Co., 523
 change, 1306
 Bosley Wrecking Co., 657, 769, 1207, 1303, 1304, 1360
 Bresee, J. J., 441
 Brunkow Electric Co., 340, 369, 667, 846, 847, 1203, 1290
 Buda Co., 436
 Bueter, N. E., 502
 Burlington Roofing Co., 1264
 California, University of, 668
 Cameron Heartometer Manufacturing Co., change, 1328, 1417

Contracts, cont'd

Campbell Soup Co., 1207
 Capitol Records, 1208
 Caplon, S. S., 1207
 Carle Foundation, 378
 Carpenter Steel Co., 1207
 Carroll Construction Co., 471
 Carson-Payson Co., addition, 27, 714
 Central National Bank & Trust Co. of Peoria, 1209
 Central Soya Co., change, 1344
 Champaign Asphalt Co., 26, 29, 847, 864
 addition, 464, 666, 765
 Champaign County, 441
 Champaign County State's Attorney, 1208
 Champaign Plumbing & Heating Co., 839
 Charter Seed Co., 440
 Chemical Fireproofing Corp., 472
 Chicago, city of, 1475
 Chicago Fire Equipment Co., 472
 Chicago Vitreous Enamel Product Co., change, 668
 Colbert, L. S., adjustments, 33, 379, 441, 523
 Coleman Floor Co., 545
 Collins & Lewis, 1209
 Columbian Bank Note Co., 622
 Commercial Solvents Corp., 1327
 change, 1306
 Commonwealth Edison Co., 464, 769, 1264
 addition, 849
 change, 561, 1417
 Consolidated Feldspar Corp., change, 1495
 Continental Casualty Co., continuance, 715
 Contracting Construction Co., Inc., 369, 493, 522, 639, 1518
 Cook Electric Co., 1207
 Copper & Brass Research Association, 1464
 Corboy, M. J., Co., 471, 650, 1312
 addition, 1262
 change, 640
 Cork Insulating Co., 650, 1312
 Corneli Seed Co., 440
 Coronet Films, 1219
 County Mutual Fire Co., change, 1208
 Crerar Clinch Coal Co., 389
 Custodis Construction Co., Inc., 25
 addition, 659
 Dawes Manufacturing Co., change, 865, 1464
 DeAtley, E. N., 25, 347, 368, 494, 527, 544, 638, 1414, 1522
 addition, 345, 503, 1265
 adjustment, 524, 561, 610, 668, 713, 770, 865, 1209, 1264, 1306, 1345, 1361, 1417, 1465, 1495
 change, 528
 DeKalb County State's Attorney, 1208
 Divane Brothers Electric Co., 1414
 Duparquet, Inc., 650, 1312
 Economic Cooperation Administration, 1327
 Economy Plumbing & Heating Co., 650, 1312, 1414, 1464
 change, 640
 Elevator Manufacturing Co. of America, 471, 1290
 referred to Committee on Chicago Departments, 472
 Enamel Utensil Manufacturers Council, change, 865
 Encyclopaedia Britannica, 1219
 Esko Roofing Co., 1517
 Federal Remodeling & Building Co., 470
 Felmley, J., Co., 493, 763, 1290
 addition, 371, 438, 659, 715, 864
 change, 28, 379
 Ferro Enamel Corp., change, 668
 Fettes, Love, and Sieben, 543
 Fleischmann Laboratories, Standard Brands, Inc., 378
 Flynn Fence & Supply Co., 1327
 Forester Construction Co., 1260

Contracts, cont'd

Gallaher & Speck, Inc., 24, 339, 658, 1290, 1414, 1496
 Gates, C. E., 848, 863, 1203, 1260, 1415
 adjustment, 1209, 1264, 1306, 1345, 1361, 1417, 1465, 1522
 change, 1495
 General Electric Co., 25, 369
 General Paving Co., 33, 463, 528, 608, 659, 839
 addition, 660, 708, 864
 Gilman Board of Education, 1417
 Glasgow, C. I., 469
 Glens Falls Fire Insurance Co., 716
 Goder, J., Inc., 1327
 Goodrich, B. F., Chemical Co., 1521
 Graham, Anderson, Probst, & White, Inc., addition, 27
 change, 379
 Granite City Community Unit, 1417
 Graves, Mrs. Ernest E., 1464
 Gray, Harriette A., 1464
 Grubb, G. R., & Co., 378
 Gulf Research & Development Co., change, 769
 Hail Loss Research Committee, Western
 Hail and Adjustment Association, change, 561
 Hanna, L. B., 667, 1496
 Hardin, G. D., 543
 Harris & Keller, 1201
 Haughton Elevator Co., 650, 1312, 1327
 Hays, E. M., Plumbing & Heating Co., 368, 1290
 adjustment, 669, 713, 770, 1417, 1521
 Hiram Walker & Sons, Inc., 769
 change, 1306
 Hofbauer, D., 1361
 Hoffman Electric Co., 650, 1312
 Holabird and Root and Burgee, addition, 438
 change, 609
 Housing and Home Finance Agency, 378, 1207
 Hubbard, E. E., & Son, 493
 Huster, H. F., 1264
 Hyman, J. & Co., change, 865
 Ickes-Braun Greenhouse Manufacturing Co., 470
 Illiana Construction Co., 26
 Illinois, state of, 769, 864, 1207
 change, 769, 865
 Illinois Clay Products Co., change, 561
 Illinois Coal Strippers Association, change, 1306, 1417
 Illinois Department of Public Works and Buildings, change, 1208
 Illinois Division of Highways, 378
 change, 1495
 Illinois Division of Vocational Rehabilitation, 769
 Illinois Farm Bureau Serum Association, change, 1208
 Illinois Farm Supply Co., 713
 Illinois Power Co., 368, 463, 560, 668, 864, 1207
 Illinois State Florists' Association, 378
 Illinois State Trust Co., 33
 Illinois Turkey Growers Association, 1464
 Indianapolis City Schools, 1417
 Inskip, F. R., & Co., 527, 638, 846, 1203, 1259
 Institute of Boiler & Radiator Manufacturers, change, 1208, 1306
 International Minerals & Chemical Corp., change, 668, 865
 Iverson, H. E., 1360
 Jacoby General Contractors, 1360
 Jamar-Olmen Co., 25
 James, L. V., 1518
 Jameson, G., 1464
 Jessup, R. G., 1264

Contracts, cont'd

Johns Hopkins University, 1327
 Kohlman, L. C., Inc., addition, 473
 Kuhne-Simmons Co., 638
 Laboratory Furniture Co., Inc., change, 529
 Lederle Laboratories Division, American Cyanamid Co., 378, 469
 change, 561, 1264
 Leverenz Electric Co., 344, 370, 493, 638, 763
 Levin, Frances, 1209
 Levitt & Sons, Inc., 33
 Lewis, S. R., & Associates, 764
 Lew Worthem Building Maintenance Co., 707
 Liberty Mutual Insurance Co., renewal, 716
 Lilly, E., & Co., 469, 769
 change, 713, 769, 1264
 Lindsey, E. G., 1203, 1493
 adjustment, 1361, 1417, 1465, 1495, 1522
 Little, A. D., Inc., 1207
 Loeb Wrecking & Lumber Co., 1204
 Lumber Dealers Research Council, 560, 1344
 Lyon, J. L., Co., 865, 1207
 Mahoney, W. T., & Sons, 763
 addition, 864
 Mallinckrodt Chemical Works, 1464
 Mansfield, R., 1462
 Manthei, E. C., 529, 608, 610, 836
 addition, 849
 adjustment, 1495
 Manthei, F. M., 1521
 McElroy, R. V., 1305
 McHugh, J., Construction Co., Inc., 650, 1312
 McKay Contractors, 1324
 McMillen Feed Mills, 668
 Medical Center Steam Co., 764
 Merck & Co., 668, 1305, 1464
 change, 561, 1464
 Metalab Equipment Corp., additions, 1346
 Middle West Soil Improvement Committee, 713
 Midwest Engineering & Equipment Co., 650, 658, 1312
 Milk Market Administrator, 1207
 Monsanto Chemical Co., change, 769, 1417
 Montgomery Elevator Co., 1327
 Moorman Manufacturing Co., 1305
 change, 713, 1464
 Mueller Construction Co., 471, 1325, 1517
 referred to Committee on Chicago Departments, 472
 Munds, H. F., 849
 Museum of Modern Art, 1207
 Mutual Contracting Co., 464
 Naess & Murphy, 465, 847
 Narowetz Heating & Ventilating Co., 463, 771, 849
 National Academy of Sciences, 668
 National Advisory Committee for Aeronautics, 560
 National Dairy Council, 469, 1327
 National Korektaire Co., 493
 addition, 438
 National Warm Air Heating and Air Conditioning Association, change, 561, 1360
 Navy, 33, 378, 469, 523, 560, 610, 668, 713, 769, 1206, 1207, 1327, 1360, 1464
 change, 561, 610, 713, 769, 1208, 1306, 1328, 1345
 Neely Printing Co., change, 523
 Neiler, Rich, and Bladen, 502
 Nelson, Shirley P., 1208
 New Berlin Community Unit 16, 1305
 Northern Illinois Water Corp., 1360
 Northrup, King, & Co., 440
 Nuveen, J., & Co., 1356, 1362

Contracts, cont'd

Office of Rubber Production, change, 1344
 Ohmite Manufacturing Co., 1327
 Olson Designers, 1346
 Otis Elevator Co., 1203, 1360
 Ozark Air Lines, 495, 846
 Pace Associates, change, 1304, 1462
 Parnell Iron Works, Inc., 543
 Pemco Corp., change, 668
 Pennsylvania Pump & Compressor Co., 850
 Peoples Gas, Light, & Coke Co., 610
 Perry Construction Co., Inc., 26, 370, 471, 608
 assignment to R. Mansfield, 1462
 Peterson, I. L., 608, 1204
 Petry, C. A., & Sons, 24, 340, 495, 502, 846, 847
 addition, 846
 change, 23, 543
 Pfizer, C., & Co., Inc., change, 713
 Piatt County, 469
 Piatt County State's Attorney, 1208
 Pope, W. A., Co., 25
 addition, 495
 Potter Electric Service, 494, 639, 1518
 addition, 345
 change, 528
 Presbyterian Hospital, 861
 Pringle, J. T., 1208
 Prizant, H. G., & Co., 1414
 Public Roads, Bureau of, 560
 change, 610
 Public Service Co. of Northern Illinois, 1208
 change, 668, 1360
 Punzak Air Conditioning & Sales Co., 846
 Refrigeration Research Foundation, Inc., 1264
 Rehnquist, T. A., Co., 370
 Reinforced Concrete Research Council, 1417
 change, 769
 Reliable Plumbing & Heating Co., 340, 345, 368, 527, 714, 847, 848, 1203, 1518
 addition, 345, 864
 adjustments, 33, 379, 469, 524, 561, 610, 668, 669, 713, 770, 865, 1209, 1264, 1306, 1328, 1345, 1361, 1417, 1465, 1495, 1522
 change, 528
 Reliable Sheet Metal Works, Inc., 650, 1312
 Reliance Cabinet Co., 1414
 Republic Coal & Coke Co., 29, 506, 850, 1312
 Reuter, H., & Sons, 545
 Rhoades, V. J., 1305
 Robinson, J. L., 544, 639
 Roses, Inc., 378
 St. Rita High School, 1305
 Salsbury's Laboratories, 1206
 Sangamon County Board of Education, 1305
 Sargent & Lundy, addition, 763
 Schroeder's, 340, 368, 848, 1208, 1519
 adjustments, 33, 502, 524, 561, 611, 669, 713, 770, 865, 1209, 1264, 1328, 1345, 1361, 1418, 1465, 1495, 1522
 Schulman, A. S., Electric Co., 544
 Seten, Mary H., 1306
 Sharp & Dohme, Inc., 1327, 1417, 1521
 Sheldon, E. H., & Co., 560, 1414
 Shell Chemical Corp., change, 865
 Sherlock, J. P., 441
 Shoemaker, O. L., & Co., 437, 475, 544, 863, 1201
 Siems, C., 368, 638
 adjustment, 524, 561, 611, 770, 866, 1209, 1265, 1361, 1521
 Silver Creek Coal Co., 1205, 1423
 Skidmore, Owings, and Merrill, 367
 change, 379

Contracts, cont'd

- Smith, Kline, & French Laboratories, 1264
 Sollitt, S. S., Construction Co., 1414
 addition, 371, 545, 660
 Speedway Wrecking Co., 1204
 Spencer Chemical Co., change, 610, 1344
 Square Deal Electric, 26, 368, 493
 addition, 495, 609
 adjustment, 33, 441, 469, 524, 561, 611,
 669, 713, 770, 866, 1209, 1328, 1361,
 1465
 Squibb, E. R., & Sons, 33
 Staar, F., & Sons, Inc., 1327
 Staley, A. E., Manufacturing Co., change,
 1344
 Standard Asbestos Manufacturing Co.,
 change, 640
 Standard Brands, Inc., change, 1208
 Fleischmann Laboratories, 378
 Standard Oil Co., change, 1208
 Standard Oil Co. of Indiana, 33
 Stearnes Co., 1290
 addition, 707
 change, 640
 Stone & Webster Engineering Corp., 472
 addition, 708
 Stowell, F. H., Co., 464, 471
 Summers, C. R., 1208
 Swain & Myers, Inc., 437
 Synnestvedt, R., and Associates, 1517
 Taylor, J., 1208
 Texas Gulf Sulphur Co., change, 713
 Transparent Package Co., 1464
 Travenol Laboratories, Inc., 1495
 United Cerebral Palsy Association, Inc.,
 1327
 United States Department of Agriculture,
 1207, 1327, 1521
 United States Department of Labor, 378
 change, 1208
 United States Department of State, 1264
 United States Industrial Chemicals Corp.,
 1206
 United States National Bureau of Stand-
 ards, 1327
 Upjohn Co., 1495
 change, 713, 769
 Upstrom, K., 1517
 Urbana, city of, 1464
 Veterans Administration, 33, 469, 502, 560,
 610, 668, 713, 769, 1327, 1464, 1495
 change, 668, 769, 1345
 VioBin Corp., change, 1208, 1417
 Wadeford Electric Co., 471
 addition, 1261
 change, 522, 639, 1319
 Walker, H., & Sons, Inc., 769
 change, 1306
 Warner Construction Co., settlement, 1374
 Warren, P., Construction Co., change, 522,
 639
 Wascher Concrete & Insulation Co., 436,
 441
 Webster Manufacturing Co., 473
 Welding Research Council, 713
 change, 1495
 Western Condensing Co., change, 668, 1464
 Western Hail and Adjustment Association,
 Hail Loss Research Committee, change,
 561
 Westinghouse Electric Corp., 369, 1475
 action deferred, 1414
 White Building and Maintenance Corp.,
 494
 White City Electric Co., 650, 1312
 Will County District, 210, 1305
 Wilson & Anderson, 437, 528, 610
 addition, 660
 Woodruff, F. H., & Sons, 440
 Wrought Steel Wheel Industry, Technical
 Board, change, 610, 1360
 Young America Films, 1219
- Converse, Louise D., degree, 825
 Converse, P. D., appointment, 138, 142, 974,
 977
 Converse, Rachel M., degree, 805
 Conway, Gloria E., degree, 1556
 Conway, L. V., appointment, 248, 701
 Conway, R. A., certificate, 1337
 Conway, W. J., Jr., appointment, 125
 resignation, 572
 Conwill, Janie E., appointment, 323
 Cook, Mrs. Alice M., appointment, 1313
 Cook, Betty J., appointment, 1174
 Cook, Carol J., appointment, 1095
 Cook, Colleen W., degree, 580
 Cook, E. A., appointment, 301, 1137
 Cook, E. C., Jr., degree, 595
 Cook, E. D., Jr., degree, 1250
 Cook, E. E., degree, 411
 Cook, Frances E., appointment, 109, 120,
 943, 953
 Cook, G. R., degree, 817
 Cook, Geraldine, degree, 827
 Cook, H., appointment, 325, 1167
 Cook, J. E., degree, 597
 Cook, Jean F., degree, 596
 Cook, K. D., degree, 421
 Cook, Margaret L. B., degree, 1560
 Cook, Merribeth, appointment, 391, 1018
 degree, 414
 Cook, P. L., degree, 1388
 Cook, R. E., fellowship, 1479
 declination, 1486
 Cook, R. F., degree, 586
 Cook, R. L., appointment, 123, 870, 956
 discovery, patent, application, 337
 Cook, S. E., degree, 589
 Cook, S. M., degree, 802
 Cook, W. R., appointment, 265, 1101
 Cook County Experiment Station, sale, ap-
 proved, 566
 recommendation of Committee on Agri-
 culture, 565
 Cook County Forest Preserve District, gift,
 1213
 Cooke, A. R., Jr., degree, 422
 Cooke, B. T., certificate, 1357
 Cooke, L. A., degree, 1576
 Cooke, Pauline M., appointment, 362, 1190
 resignation, 1316
 Cook Electric Co., contract, 1207
 Cooksey, A. A., degree, 813
 Cooksey, J. R., certificate, 841
 Cooler, H. E., Jr., degree, 423
 Cooley, E. B., appointment, 1134
 Cooley, H. N., appointment, 237, 1076
 Coolidge, W. F., appointment, 350, 391
 Coombs, A. J., appointment, 359, 1187
 Coomer, T. E., degree, 1558
 Coon, Mrs. Betty J., appointment, 1107
 Coon, Beverly J., degree, 808
 Coon, E. R., degree, 580
 Coon, M. J., appointment, 271, 1107
 Coon, W. M., degree, 1548
 Cooney, Dorothy, appointment, 305
 Coons, Musabelle, degree, 407
 Coop, D. C., degree, 808
 Cooper, A. R., appointment, 201, 1937
 Cooper, Alice M., appointment, 184, 1019
 degree, 793
 Cooper, Mrs. Charleen F., appointment, 288
 Cooper, Dorothy B., degree, 1558
 Cooper, Esther L., diploma, 1575
 Cooper, G. S., fellowship, 676
 Cooper, H., member of advisory committee,
 562
 Cooper, H. G., Jr., degree, 416
 Cooper, J. E., degree, 1250
 Cooper, M. I., degree, 576
 Cooper, M. S., degree, 450
 Cooper, Mrs. Marilyn M., appointment, 1098
 Cooper, Mary J., appointment, 11
 Cooper, R. D., degree, 809

- Cooper, R. W., degree, 1562
 Cooper, Ruth I., appointment, 704, 943
 Cooper, W. D., degree, 591
 Cooper, Yvette S., degree, 1550
 Cooperative houses, budget, 64, 193, 897, 1028
 Cooperative investigations, budget, Agronomy, 101, 934
 Applied Materia Medica and Therapeutics, 217, 313, 1053, 1150
 Architecture, 154, 286, 1122
 Bacteriology, Liberal Arts and Sciences, 904, 1101
 Medicine, 1144
 Broadcasting, 1004, 1125
 Ceramic Engineering, 123, 277, 957, 1114
 Chemical Engineering Research, 124, 957, 1114
 Chemistry, 73, 266, 906, 1102
 Civil Engineering, 125, 278, 959, 1114
 Clinical Science, 203, 1038
 Dentistry Postgraduate Studies, 1150
 Dermatology, 1145
 Economic and Business Research, 142, 977
 Education, 982, 1121
 Electrical Engineering, 127, 279, 962, 1115
 Engineering, 122, 955
 Food Technology, 106
 Graduate College, 136, 283, 972, 1119
 Histology, 314, 1151
 Horticulture, 274, 1110
 Mathematics, 81, 914
 Mechanical Engineering, 130, 281, 965, 1116
 Medicine, 205, 309, 1040, 1145
 Neurology and Neurological Surgery, 309, 1041, 1146
 Obstetrics and Gynecology, 206, 1042
 Otolaryngology, 207, 1044
 Pathology, Dentistry, 1151
 Medicine, 208, 310, 1044, 1147
 Pediatrics, 209, 310, 1045, 1147
 Pharmacology, 1046, 1148
 Physical Medicine and Rehabilitation, 210, 310, 1148
 Physics, 132, 281, 967, 1117
 Physiology, Liberal Arts and Sciences, 915
 Medicine, 211, 1047
 Preventive Medicine, 1148
 Psychiatry, 211, 311, 1048, 1149
 Psychology, 84, 267, 917, 1103
 Radiology, 312, 1152
 Research and Service, Bureau of, 1122
 Small Homes Council, 1016
 Surgery, 214, 312, 1050, 1149
 Theoretical and Applied Mechanics, 134, 282, 969, 1118
 Coopersmith, R. L., fellowship, 775
 Coopman, C., appointment, 1143
 Copan, Sandra, appointment, 331, 1173
 Cope, Mrs. Ione J., appointment, 1271
 Cope, J. I., degree, 454
 Copeland, J. L., degree, 1557
 Copeland, S. A., appointment, 310, 1349
 Copenhagen, Margaret L., degree, 814
 Copper, Physical Plant, purchase, 851
 Copper & Brass Research Association, contract, 1464
 Copper sheet, study, contract, 1464
 Coppernoll, D. L., degree, 585
 Coraor, G. R., degree, 450
 Corbett, H. N., degree, 828
 Corbett, Martha J., degree, 805
 Corbin, E. B., appointment, 280, 1116
 Corbin, J. E., degree, 575
 Corbin, Mrs. Margaret R., resignation, 683
 Corbin, Mrs. Vivian E., appointment, 265
 Corbitt, J. R., degree, 424
 Corbitt, Mary F., degree, 793
 Corboy, M. J., Corp., contract, 471, 650, 1312
 addition, 1262
 change, 640
 Corcoran, A., appointment, 1271, 1458
 Cord, J., degree, 1554
 Cordell, Gertrude F. R., degree, 421
 Corder, Mrs. Geneva, appointment, 1060
 Cordes, E. R., appointment, 281, 1118
 Cordier, H. V., appointment, 167, 169, 1002, 1005
 Core, A. C., appointment, 391
 Coretz, Esther, degree, 423
 Corey, E. J., Jr., appointment, 507, 690, 905, 1446
 declination, 878
 Corey, L. R., degree, 586
 Cork Insulating Co., contract, 650, 1312
 Corkill, R. O., Jr., degree, 1543
 Corley, Constance, appointment, 1150
 Corley, Glenna J., degree, 1389
 Corley, R. N., degree, 1562
 Corliss, J. J., appointment, 243, 702, 1082
 Corn, agreement to grow and introduce varieties developed by University, 440
 research, gift, 550, 1214, 1469
 Corn, D. C., degree, 1380
 Cornbleet, T., appointment, 203, 1038
 Corn Crib, Wright Farms, construction, contract, 667
 Cornell, Helen M., degree, 408
 Corneli Seed Co., contract, 440
 Cornell, F. G., appointment, 151, 476, 986
 leave of absence, 475, 513
 Cornell, R. S., degree, 1562
 Corning Glass Works, purchase, 711
 Corn Testing Revolving Account, budget, 101, 935
 Coronet Films, contract, 1219
 purchase, 375
 Correll, Mrs. Violet B., appointment, 305
 Correll, W. K., degree, 411
 Correspondence courses, budget, 176, 292, 1011, 1129
 United States Armed Forces Institute, contract, 378
 Corrie, H. K., degree, 819
 Corrie, Mary J., degree, 1564
 Corten, H. T., appointment, 134, 969, 1456
 Cortilet, F. P., degree, 828
 Cortright, D. F., degree, 811
 Corty, Mrs. Marjorie, appointment, 330, 1172
 Corwin, J. M., degree, 814
 Cory, Martha, appointment, 322
 Corzine, L. W., degree, 798
 Cosgrove, M. F., degree, 862
 Cosgrove, R. J., degree, 587
 Cosgrove, T. P., degree, 588
 Costa, J. L., degree, 424
 Costeff, H., degree, 825
 Costello, Mrs. Geraldine B., appointment, 1113
 Costello, R. C., degree, 1248
 Costigan, W. F., degree, 797
 Costin, F., appointment, 60, 74, 700, 893, 907, 1456
 Cothorn, F. W., degree, 823
 Cotovsky, Mrs. Sally E., appointment, 295
 Cotsirilos, P. J., degree, 825
 Cotter, Mrs. Alice W., appointment, 64, 897
 Cotter, G. W., degree, 587
 Cotter, H. E., degree, 585
 Cottingham, Erma, appointment, 109, 119, 943, 952
 Cottle, R. P., certificate, 1328
 Cotton, Mrs. Bobbie B., appointment, 331
 Cotton goods, Chicago General Stores, purchase, 559
 Cottrell, Frances E., appointment, 71
 leave of absence, 1316
 Cottrell, J. D., degree, 798
 Cottrell, Shirley M., degree, 1550

- Cottrell, T., appointment, 364, 1193
 Cottrell, T. L. C., Jr., appointment, 364, 1193
 Couch, L. C., degree, 1400
 Coughlin, K. J., degree, 588
 Coultas, Vera C., degree, 1284
 Coulter, D. M., degree, 1389
 Coulter, Patricia A., degree, 812
 Coulter, W. R., degree, 589
 Counseling, Residence Halls, budget, 66, 899
 teacher training, budget, 983
 Counter units, East Dentistry-Medicine-Pharmacy Building, contract, 1414
 Countiss, C. E., degree, 1563
 Counts, Beulah A., degree, 453
 County Mutual Fire Co., contract, change, 1208
 Courier, S. H., degree, 1389
 Courses and Curricula, budget, 59, 255, 892, 1092
 Court, G. R., degree, 1248
 Couston, G. T., degree, 1559
 Cova, D. R., degree, 808
 Cover, Mrs. Alta M., appointment, 259
 Cover, M. S., appointment, 113, 162, 947, 997
 degree, 1386
 Covey, Carmen M., degree, 819
 Covey, Mrs. Elizabeth, appointment, 1119
 Covey, J. E., degree, 1241
 Cowan, E. W., degree, 1554
 Cowan, J. R., certificate, 1254
 Cowart, W. E., appointment, 257, 1143
 Cowen, J. F., appointment, 357, 1186
 Cowen, Kay H., certificate, 1328
 Cowger, H. E., degree, 1551
 Cowles, Harriet E., appointment, 242, 1081, 1457
 Cowley, G. J., degree, 418
 Cowling, R. J., degree, 817
 Cowsert, Mrs. Juanita, appointment, 317
 Cowsert, L. E., degree, 825
 Cox, F. G., appointment, 358, 1186
 Cox, Harold L., certificate, 41
 Cox, Hugh L., appointment, 870, 959
 degree, 1388
 Cox, Iris J., degree, 800
 Cox, J. C., degree, 1536
 Cox, J. E., degree, 579
 fellowship, 572, 1382, 1480
 Cox, J. F., degree, 817
 Cox, Mrs. Jeanette, appointment, 1159
 Cox, Mrs. Katherine M., appointment, 1126
 Cox, Mrs. Katherine R., degree, 411
 Cox, Norma, appointment, 329, 1170
 Cox, Ruth I., degree, 1244
 Cox, Shirley M., degree, 586
 Cox, Theodore R., degree, 787
 Cox, Thomas R., Jr., appointment, 360
 Cox Brothers Co., purchase, 377
 Coxhead, G. A., degree, 812
 Coxhead, R. C., Corp., purchase, 613
 Coyle, Helen, appointment, 476, 1333
 Coyle, Margaret F., appointment, 313
 Craddock, J. R., degree, 417
 Craft, G. W., degree, 815
 Craft, V. A., degree, 1548
 Craig, C. J., degree, 1241
 Craig, Frances V., appointment, 317, 1155
 Craig, G. B., Jr., degree, 1542
 Craig, R. A., degree, 1397
 Craig, R. C., degree, 1554
 Craig, W. J., appointment, 135, 970
 resignation, 1382
 Craig, W. L., appointment, 281, 1117
 Craig, W. P., degree, 423
 Crain, A. R., appointment, 358
 Crain, H. V., appointment, 333
 Crain, J. B., degree, 1392
 Crain, Mrs. Ruth, appointment, 304
 Crain, Susan C., appointment, 151, 391, 692
 Craine, E. M., degree, 790
 Craine, S. R., degree, 805
 Cralley, L. W., Jr., degree, 819
 Cramblett, Mary L., degree, 1554
 Cramer, G. E., appointment, 246, 1085, 1313
 Cramer, Mrs. Marion C., appointment, 185
 declination, 403
 Cramer, R., degree, 587
 Cramer, R. E., appointment, 135, 970
 Cramer, R. L., degree, 1553
 Crampton, Kathryn C., degree, 820
 Crandall, A. L., certificate, 41
 Crandall, L. A., Jr., appointment, 361, 1190
 Crandall, P. H., appointment, 356, 1184
 Crandell, J. S., appointment, 124, 957
 Crane, C. V., appointment, 358
 Crane, F. A., appointment, 507, 1058
 Crane, Jean M., degree, 592
 Crane, M. A., appointment, 76, 909
 Crane Co., purchase, 468, 524
 Crank, G. L., appointment, 288
 Crank, Mrs. Shirley L., appointment, 286
 Craven, A. H., degree, 1569
 fellowship, 683
 Craven, Mrs. Margaret, appointment, 1164
 Cravens, Velma M., degree, 1244
 Craver, N. C., Jr., degree, 593
 Crawford, C. L., degree, 1546
 Crawford, C. M., appointment, 673, 975
 Crawford, C. W., appointment, 102, 936
 leave of absence, 1408
 Crawford, G. D., appointment, 280
 Crawford, G. E., degree, 422
 Crawford, Mrs. Hazel M., appointment, 279, 1115
 Crawford, Lois I., degree, 800
 Crawford, Mary M., appointment, 291, 1127
 Crawford, R., degree, 1553
 Crawford, R. A., degree, 809
 Crawford, T. G., member of advisory committee, 430
 Crawford, W. E., appointment, 259, 1095
 Crawford, W. L., appointment, 1189
 member of advisory committee, 562
 Crays, Barbara, degree, 805
 Crays, C. D., appointment, 300, 1136
 Creamean, W. A., degree, 423
 Creamer, Mrs. Eunice Cunningham, letter, operation of Illini Union Bookstore, 1270
 Creamer, Mrs. Jessie L., appointment, 301, 1115
 Creamery, *See* Dairy Creamery.
 Creameryman, work schedule, change, 705
 Creamery Package Manufacturing Co., purchase, 670
 Creaser, J. W., appointment, 391, 1077
 Creath, Marilyn J., degree, 811
 Credit requirements, second master's degree, 489
 Creech, H. S., appointment, 257, 1093
 Creep testing machine, Theoretical and Applied Mechanics, purchase, 852
 Cregar, P. L., degree, 1557
 Cremer, C. W., degree, 1557
 Crepeau, G. P., appointment, 1224
 Cramer Clinch Coal Co., contract, 389
 purchase, 31
 Crescenzo, W. J., degree, 421
 Cress, A. M., degree, 1534
 Creticos, A. P., appointment, 1183
 Crews, Mrs. Janice M., appointment, 242, 702, 1081, 1271
 Cribbet, J. E., appointment, 164, 695, 1000, 1451
 member of committee to hear charges against R. Taylor, 1293
 Cricks, C. R., degree, 594
 Crider, J. L., degree, 418
 Crider, K. G., degree, 1538
 Crider, R. A., degree, 583
 Crilly, J. K., certificate, 1328
 Criminology and Legal Medicine, budget, 203
 department discontinued, 431
 Cripe, G. D., degree, 820

- Crippled Children, Division of Services for,
 advisory committee, 562
 budget, 234, 327, 1073, 1169
 biennial, estimates, 442
 cleft palate training program, space in Uni-
 versity Hospital, 472
 educational programs, funds, gift, 1472
 federal funds, additional, 656
 handling of personal information about
 children, regulation, 431
 lease of office space, Chicago, 866
 East St. Louis, 33
 Harrisburg, 1306
 Peoria, 1209
 Rockford, 1209
 Springfield, 1209
 Vandalia, 1209
 medical social workers, training, 1358
 petty cash fund, established, 1200
 purchase, cephalometer, 375
 Dexigraph, 710
 Multigraph, 710
 speech clinics, contracts, authority to exe-
 cute, 1494
 transfer to Department of Public Welfare,
 proposed, 656
 Cripps, H. N., degree, 781
 Cripps, Mrs. Jean H., appointment, 285
 Crist, A. N., degree, 595
 Crist, Joan M., degree, 1576
 Crites, Frances L., appointment, 327, 1169
 Crittenden, Doris L., appointment, 301
 Crocker, R. B., degree, 820
 Crockett, C. Jean B., appointment, 1098
 Crockett, H. K., appointment, 1449
 Crockett, T. V., degree, 1397
 Croft, Mrs. Betty L., appointment, 1131
 Croft, Betty M. E., appointment, 1224
 degree, 793
 Croft, P. H., Jr., degree, 820
 Crohn, G. P., degree, 821
 Crohn, Lera, appointment, 9
 Cromley, Doris N., degree, 1251
 Cronbach, L. J., appointment, 151, 986
 leave of absence, 1531
 Cronheim, E., appointment, 354
 Crook, Edith, appointment, 1151
 Crook, Mrs. Elizabeth M., appointment, 76
 Crook, J. A., degree, 814
 Crooks, C. W., degree, 823
 Crop conditioning research, apparatus, ap-
 propriation, 521
 Crop diseases, research, gift, 1469
 Cropeau, G. P., appointment, declination, 1232
 Crop Storage Building, appropriation, balance
 reappropriated, 37, 1197
 Crosby, P. D., degree, 1564
 Cross, Betty L., degree, 411
 fellowship, 679
 Cross, J. H., appointment, 363, 1192
 Cross, K. Patricia, appointment, 918
 degree, 1284
 Cross, R. K., member of advisory committee,
 562
 Cross, S. H., degree, 809
 Cross, Wanda L., appointment, 269, 1106
 Crossell, V. E., certificate, 1337
 Crossgrove, R. L., degree, 1247
 Crossley, A., & Associates, purchase, 611, 615,
 851, 1263
 Crossman, P. T., degree, 409
 Crossman, R. S., appointment, 128, 963
 Crothers, M. H., appointment, 126, 961, 1449
 Crouch, Carol C., degree, 1554
 Crouch, I. W., certificate, 1337
 Crouch, Isabel M., degree, 1239
 Crouch, Pearl, appointment, 1163
 Crouch, W. P., certificate, 1338
 Crouse, Ferne S., degree, 785
 Crouse, H. L., appointment, 570, 690, 975,
 1446
 degree, 582
 Crouse, P. M., degree, 1548
 Crow, C. V., degree, 591
 Crowder, Hazel T., degree, 1250
 Crowder, Mrs. Mathe C., appointment, 262
 Crowder, R. T., degree, 423
 Crowds, J. C., degree, 585
 Crowell, J. T., degree, 1392
 Crowell, M., Jr., degree, 809
 Crowell, W. J., degree, 1570
 Crowley, C. H., degree, 1541
 Crowley, F. J., degree, 419
 Crowley, Lenora M., degree, 794
 Crowley, Patricia A., degree, 800
 Crowley, Ruth K., appointment, 260, 1096
 Crowley, T. F., appointment, 350, 391, 898
 Crowley, W. R., Jr., degree, 798
 Crowns and Fixed Partial Dentures, budget,
 217, 313, 1053, 1150
 Cruikshank, P. W., appointment, 298, 1134
 Crumb, G. H., degree, 1546
 Crumlish, B. J., degree, 817
 Crump, R. D., degree, 1399
 Cruthers, Phyllis J., degree, 813
 Cruthis, H. D., degree, 1393
 Cruthis, Patricia C., degree, 1560
 Cryder, H. D., degree, 798
 Cryer, W., degree, 1567
 Cuda, F. J., Jr., degree, 1398
 Cuddeback, R. B., degree, 579
 fellowship, 677
 Cudnowski, Loretta, appointment, 320, 1158
 Culbert, J. R., appointment, 112, 945
 Culbertson, E. J., degree, 1561
 Culbertson, H. E., appointment, 302, 1138
 Culbreath, C., degree, 410
 Cullen, Mary A., degree, 1241
 Culotta, Josephine, appointment, 1098
 Culp, R. W., degree, 1547
 Culver, L. B., appointment, 107, 120, 947, 953
 Culver, M. G., degree, 798
 Culver, M. M., appointment, 909
 Culver, Mary K., degree, 812
 Cumby, C., Jr., degree, 1553
 Cummings, R. W., degree, 1386
 Cummings, Doris A., degree, 411
 Cummings, J. A., degree, 1563
 Cummings, R. F., degree, 805
 Cundiff, H. B., degree, 1248
 Cuniff, R. E., degree, 815
 Cuniff, R. R., degree, 589
 Cunningham, Florence L., degree, 1397
 Cunningham, G. R., appointment, 107, 117,
 941, 950
 Cunningham, H. D., degree, 821
 Cunningham, H. E., appointment, 58, 169,
 891, 1005
 Cunningham, Helen, fellowship, 1352
 Cunningham, Irene, appointment, 280, 1116
 Cunningham, J. B., appointment, 95, 119,
 928, 952
 Cunningham, J. M., degree, 418
 Cunningham, J. O., degree, 420
 Cunningham, L. W., Jr., degree, 781
 Cunningham, Martha, appointment, 312, 1149
 Cunningham, T. R., appointment, 357
 Cunningham, W. T., degree, 1567
 Cupidro, V. N., degree, 586
 Curatilo, J. S., degree, 819
 Cureton, T. K., appointment, 159, 697, 994,
 1453
 leave of absence, 604
 Curl, G. W., degree, 585
 Curl, L. E., degree, 1546
 Curme, G. L., degree, 597
 Curran, Helen B., degree, 1392
 Current, R. N., appointment, 79, 695, 912,
 1450
 Curricula, art, changes in master's degrees,
 1509
 commerce, revisions, 489
 engineering, changes, 1409
 health education, 652

Curricula, cont'd

- history of art, 536
- industrial design, admission requirements, change, 1460
- industrial education, revisions, 1411
- industrial engineering, approved, 1410
- law, changes, 761, 1510
- library science, discontinued, 1255
- musicology, doctor's degree, 1507
- nursing, bachelor's degree, 1510
- postgraduate, oral surgery, 1322
- prenursing, 537
 - orthodontia, 1321
 - pedodontics, 1322
- recreation, master's degree, 1509
- teaching in elementary schools, admission requirements, 538
- Currie, G. F., degree, 785
- Currie, H. W., degree, 1561
- Currier, Mrs. Hazel R., appointment, 1105
- Currier, J. W., degree, 1240
- Currin, Gwendolyn, appointment, 313, 1150
- Curry, E. T., appointment, 86, 699, 919, 1455
- Curry, G. W., appointment, 364, 1193
 - resignation, 1507
- Curry, J. J., degree, 1397
- Curry, J. R., degree, 1389
- Curry, J. W., fellowship, 677
 - declination, 683
- Curry, M. B., degree, 579
- Curtin, D. Y., appointment, 842, 905
- Curtin, Patricia E., degree, 1237
- Curtis, C. C., appointment, 139, 974, 1446
- Curtis, C. D., degree, 1283
- Curtis, C. F., degree, 798
- Curtis, C. W., degree, 820
- Curtis, E. L., degree, 791
- Curtis, G. C., degree, 414
- Curtis, G. H., degree, 594
- Curtis, H. A., appointment, 1448
- Curtis, J. A., appointment, 300, 1137
- Curtis, J. O., appointment, 97, 931
 - leave of absence, 1235
- Curtis, Jo-Anne, appointment, 330, 1172
- Curtis, P. L., degree, 1398
- Curtis, R. J., degree, 455
- Curtiss, G. S., degree, 1548
- Curtiss Candy Co., gift, 550
- Cushing-Malloy, Inc., purchase, 500
- Cushman, E. A., appointment, 177, 1012
- Cushman, J. R., fellowship, 512
 - resignation, 572
- Cushman, Lois M., appointment, 10, 1307
- Cuskaden, Joyce M., appointment, 1137
- Custodis Construction Co., Inc., contract, 25
 - addition, 659
- Cutchin, Mrs. Betty W., appointment, 264, 278
- Cutler, B. N., certificate, 41
- Cutler, D. I., degree, 812
- Cutler, Dorothy H., appointment, 256
- Cutler, H. A., appointment, 142, 391, 973, 976
 - resignation, 1279
- Cutler, K. L., appointment, 289, 1125
- Cutler, M. H., appointment, 359, 1188
- Cutshall, A. D., appointment, 244, 1083, 1458
- Cutshall, L. A., purchase, 557
- Cwinske, Alberta, appointment, 1152
- Cyclotron, fire protection, appropriation, 1359
- Cytogenetics of corn, research, gift, 1214
- Czarnik W. S., degree, 1249
- Czernek, C. F., degree, 1553
- Czocher, J. R., degree, 809
- Czwalinski, Marie, appointment, 327, 1169
- Czyzewski, H., appointment, 131, 966
 - resignation, 1232
- Daanen, J. W. H., degree, 1283
- Dabbert, J. H., degree, 1504
- DaCosta, Mrs. Elizabeth, appointment, 306, 1143
- D'Acquisto, Leona, appointment, 643, 1015
 - degree, 1238
 - resignation, 1486
- Dade, H. F., degree, 1244
- Daehler, D. G., degree, 420, 1571
- Daehler, V. E., degree, 813
- Dagne, F. A., degree, 1541
- Dagwell, Margaret, appointment, 11, 1308
- Dahl, R. C., degree, 588
- Dahlenburg, L. M., appointment, 257, 1093
 - authority to sign name of President of Board, 602, 1404
- Dahlin, Mrs. Betty, appointment, 301
- Dahlin, T. C., degree, 802
- Dahlstrom, S. A., appointment, 300, 1137
- Daigger, A., & Co., purchase, 838, 1520
- Daily, E. J., appointment, 124, 691, 958, 1447
 - declination, 1530
 - degree, 790
- Daily, Genevieve M., degree, 407
- Daily, Lillian, appointment, 319, 1158
- Dairy Creamery, budget, 107, 273, 940, 1109
- Dairy Manufactures Building, remodeling, appropriation, balance reappropriated, 39, 1198
- Dairy Purebred Barns, remodeling, appropriation, 1301
- Dairy Round Barn, garage, appropriation, 1301
- Dairy Science, advisory committee, 1195
 - appropriation, balances reappropriated, 37, 1197
- barns, appropriation, 545
 - construction, contracts, 544
- budget, 103, 271, 937, 1108
- fellows, 1482
- income, appropriation, 856, 1301
- purchase, autoclaves, 525
 - electrophoresis apparatus, 524
 - furniture, 469
 - histological processing apparatus, 669
 - laboratory balances and accessories, 439
 - laboratory equipment, 440, 467, 612
 - laboratory furniture, 557
- oscillator, 468
- refrigerators, 439
- silos, 767
- superphosphate, 500
- tractor, 377
- research program, funds, gift, 1213
- trucks, appropriation, 1340
- Dairy Technology, gift, scholarship, Brook Hill Farms, Inc., 547, 1467
- Dakin, T. R., appointment, 355, 1183
- Dalbey, H. M., appointment, 1121
 - degree, 1543
- Dalbey, Mary F., degree, 1536
- Dalbey, R. C., appointment, 290, 1126
- Daley, E. W., degree, 1544
- Daley Papers, Inc., purchase, 440, 710, 1344
- Dallenbach, F. D., appointment, 360
 - leave of absence, 574
- Dallenbach, J. C., member of advisory committee, 563
- Dalton, C. E., appointment, 265, 1101
- Dalton, Dolores A., appointment, 1060, 1224
- Dalton, F. B., Jr., degree, 588
- Dalton, Margaret M., degree, 1237
- Dalton, R. L., degree, 781
- Dalton, Ruth M., degree, 1571
- Dalton, W. L., degree, 1548
- Daly, R. F., degree, 1532
- Damaskus, Mrs. Marion L., appointment, 318, 1152
- Dame, K. E., degree, 1251
- Damer, V. R., degree, 823
- Dameron, Mrs. Barbara M., appointment, 312, 1149
- Damianos, T. J., degree, 1562
- Damisch, W. M., degree, 1548
- Dammers, W. R., appointment, 360, 507, 1189
- Damond, S. J., certificate, 1337
- Damrin, Dora E., appointment, 391, 729
 - degree, 1224
- Dana, Gladys B., appointment, 1313
 - degree, 578
- Dana, R. H., III, degree, 580

- Dance concert, contract, 1464
 Dancoff, S. M., appointment, 131, 870, 966
 Danforth, P., appointment, 171, 172, 1007
 resignation, 1308
 Dangerfield, R., appointment, 82, 178, 915,
 1013, 1498
 leave of absence, 574, 879
 member of committee for Kyoto Seminar,
 1419
 representative at Conference on American
 Tradition, 1420
 sale of property, 640
 Danhof, I., discovery, patent rights, release,
 458
 Daniel, M. T., certificate, 41
 Daniels, Gladys M., appointment, 1224
 Daniels, P. M., degree, 803
 Daniels, Mrs. Ruth J., appointment, 284
 Daniels, T. H., degree, 818
 Danielson, E. A., degree, 1548
 Danielson, J. C., degree, 420
 Dankert, Marie F., degree, 827
 Dankert, R. A., degree, 817
 Danner, C. S., appointment, 124, 958, 1526
 degree, 453
 Danner, E., appointment, 124, 870, 958, 1526
 Dannhauer, Audrey G., degree, 1249
 Danno, Anna M., appointment, 333, 1176
 Danville Electric Supply, purchase, 1344
 Danziger, M. H., certificate, 1328
 Darcey, Jeanne M., appointment, 9
 Darchun, Violet L., degree, 1558
 Dare, M. E., degree, 786
 Darling, C. G., appointment, 357, 1186
 Darling, D. D., appointment, 205, 1182
 Darling, Mrs. Elizabeth L., appointment, 1163
 Darms, Florence, appointment, 10
 Daro, A. F., appointment, 356, 1185
 Darre, K. R., degree, 821
 Darrow, C. W., appointment, 507, 1190
 Darrow, Ruth, appointment, 361, 1189
 Dart, G., degree, 822
 Das, B. C., degree, 1240
 Dashman, T., degree, 1243
 Daskal, M. H., certificate, 488
 Date, Mildred, appointment, 305
 Dau, J. W., Jr., degree, 1563
 Daub, G. K., degree, 789
 Daugherty, A. C., Jr., degree, 805
 Daugherty, C. F., degree, 1554
 Daugherty, W. D., degree, 1389
 Dauner, Patricia, appointment, 329, 1170
 Dausmann, W. J., degree, 1570
 Davenport, W. B., appointment, 391
 Davenport Hall, fireproof stair towers, con-
 struction, contract, 638
 remodeling, appropriations, balances reappro-
 priated, 38, 1198
 utilities distribution system, changes, con-
 tract, 25
 addition, 345
 Davenport House, remodeling, appropriation,
 366, 470
 balances reappropriated, 39, 1198
 contract, adjustment, 523, 524, 770, 865,
 1209
 Daves, J. H., Jr., degree, 416
 David, Mrs. Grace, appointment, 64, 193
 declination, 448
 David, V. C., appointment, 362, 1191
 David, V. E., degree, 580
 Davidge, J. M., degree, 1401
 David Kinley Hall, remodeling, appropriation,
 492
 balances reappropriated, 38, 39, 1198
 contract, 24, 1522
 adjustment, 610, 865, 1209
 Davidson, D. D., degree, 414
 Davidson, Dorothy L., degree, 805
 Davidson, E. H., appointment, 461, 908, 1449
 Davidson, H., appointment, 1271
 Davidson, J. L., Jr., degree, 419
 Davidson, J. M., degree, 1401
 Davidson, J. N., degree, 1542
 Davidson, L. E., degree, 808
 Davidson, Lois M., degree, 1390
 Davidson, R., certificate, 841
 Davidson, R. L., degree, 1237
 Davidson, S., degree, 1569
 Davies, Mrs. Bernita J., appointment, 168,
 185, 1003, 1021
 Davies, Ethel M., appointment, 8
 Davies, Nadine J., degree, 1576
 Davies, Virginia A., degree, 1395
 Davies, W. D., degree, 1573
 Davis, A. J., degree, 418, 791
 Davis, A. O., degree, 1544
 Davis, A. S., appointment, 300, 1137
 Davis, B. I., degree, 1391
 Davis, C. B., Jr., appointment, 362, 363, 1192
 Davis, C. S., degree, 1236
 Davis, Clarice C., degree, 1396
 Davis, D. J., appointment, 200, 207, 1036,
 1044
 Davis, D. L., certificate, 1330
 Davis, Mrs. Dorothea, appointment, 1111
 Davis, E., degree, 1548
 Davis, E. C., appointment, 257
 Davis, E. W., appointment, 1178
 Davis, Emily E., appointment, 72, 906
 resignation, 1486
 Davis, G. L., degree, 1239
 Davis, G. M., degree, 591
 Davis, G. P., appointment, 1349
 Davis, G. R., degree, 1552
 Davis, H. L., appointment, 221, 1057
 Davis, H. S., Jr., degree, 579
 Davis, J., fellowship, 1484
 Davis, J. E., appointment, 221, 1058
 Davis, J. H., degree, 821
 Davis, J. W., degree, 825
 Davis, Mrs. Jo Ann, appointment, 294
 Davis, K. A., degree, 594
 Davis, L. E., degree, 1389
 Davis, L. H., degree, 1401
 Davis, L. N., degree, 817
 Davis, Laura R., appointment, 281
 Davis, Lelith, appointment, 8
 Davis, Luella M., degree, 580
 Davis, M. B., degree, 1244
 Davis, M. D., appointment, 136, 870, 1224
 Davis, M. H., degree, 587
 Davis, Margaret E., degree, 1237
 Davis, Mrs. Margaret L., appointment, 264
 Davis, Marietta, appointment, 321, 1160
 Davis, Mildred, degree, 578
 Davis, N. P., appointment, 76, 693, 909, 1449
 Davis, Patty, appointment, 1094
 Davis, R. E., degree, 1239, 1550
 Davis, R. L., degree, 1548
 Davis, Rose T., degree, 577
 Davis, Mrs. Ruth A., appointment, 1132
 Davis, Sylvia E., degree, 798
 Davis, T. R., degree, 588
 Davis, Velma M., appointment, 306, 1143
 authority to sign name of Secretary of
 Board, 4, 602, 1405
 Davis, Mrs. Vivian D., appointment, 264
 Davis, W. M., degree, 1398
 Davis, W. N., degree, 591
 Davis, W. W., degree, 419
 Davis & Geck, Inc., gift, 552, 1471
 Davison, Betty R., degree, 819
 Davison, E. O., appointment, 43
 fellowship, 876
 Davlin, J. A., degree, 813
 Dawe, C. H., degree, 1400
 Dawes Manufacturing Co., contract, change,
 865, 1464
 Dawless, Mrs. Gladys M., appointment, 277
 Dawless, W. J., degree, 423
 Dawn, C. E., appointment, 79, 912
 leave of absence, 574
 Dawn, Mrs. Pansie M., appointment, 283

- Dawson, H. B., degree, 585
 Dawson, H. S., appointment, 63, 67, 896, 899
 Dawson, Irene M., degree, 1240
 Dawson, Laura E., degree, 808
 Day, D. A., appointment, 125, 691, 958
 degree, 580
 Day, D. L., degree, 1553
 Day, E. L., degree, 588
 Day, J. H., Co., purchase, 669
 Day, J. L., degree, 591
 Day, L. R., appointment, 643, 1189
 Day, M. M., appointment, 80, 913
 leave of absence, 479
 Day, Mary L., degree, 819
 Day, W. E., appointment, 298, 1134
 Day, W. M., degree, 416
 Daykin, R. F., degree, 424
 Dayton, D. F., appointment, 112, 114, 946, 947
 DDT spray solution, Physical Plant, purchase, 1494
 Deahl, S. T., degree, 1570
 Deal, Mrs. Alice L. B., resignation, 731
 Deal, N. H., appointment, 185, 507
 resignation, 731
 Dean, B. E., degree, 814
 Dean, B. V., appointment, 696
 degree, 1534
 fellowship, 512, 680
 Dean, Juliette B., degree, 819
 fellowship, 876
 Dean, Rita, degree, 1392
 Dean of Men, appropriations, balances reapropriated, 37
 budget, 63, 262, 896, 1098
 Dean of Students, budget, Chicago Undergraduate Division, 239, 331, 1078, 1173
 Urbana-Champaign departments, 63, 262, 896, 1098
 malpractice insurance covering Health Service staff, premium, appropriation, 434
 Dean of Women, budget, 64, 262, 897, 1098
 Dean's Office, Chicago Undergraduate Division, budget, 237, 330, 1076, 1172
 Deany, B. V., appointment, 1107
 Deardorff, D. L., appointment, 220, 773, 1057
 Dearing, Ruth A., degree, 807
 Deason, W. R., fellowship, 46
 Death benefits, budget, 69, 902
 regulations, amendment, 40
 nonacademic employees, 1437
 DeAtley, E. N., contract, 25, 347, 368, 494, 527, 544, 638, 1414, 1522
 addition, 345, 503, 1265
 adjustment, 524, 561, 610, 668, 713, 770, 865, 1209, 1264, 1306, 1345, 1361, 1417, 1465, 1495
 change, 528
 DeBender, J. A., appointment, 310, 1148
 DeBerry, Joan E., degree, 1249
 Debiec, R. P., degree, 809
 De Boer, J., degree, 1247
 DeBoer, J. J., appointment, 144, 692, 980, 1447
 DeBoer, L. M., appointment, 140, 975, 1446
 DeBoice, W. F., degree, 792
 DeBraul, Dorothy E., degree, 414
 Debs Hospital Supply Corp., purchase, 439, 837
 Decatur Electric Supply Division, purchase, 614
 Decatur Paper House, Inc., purchase, 711
 Decatur University Club, gift, 548
 Deck, R. L., degree, 1576
 Deckard, J. M., degree, 828
 Decker, G. C., appointment, 77, 92, 391, 910, 925
 Decker, G. W., degree, 1567
 Decker, J. W., Jr., degree, 821
 Decker, Leslie E., fellowship, 1484
 declination, 1486
 Decker, Loren E., degree, 592, 1392
 Declinations of appointments, 402, 448, 478, 513, 531, 646, 683, 731, 777, 877, 1232, 1279, 1316, 1352, 1424, 1486, 1501, 1530
 DeCota, D. C., degree, 423
 Deedrick, R. C., appointment, 265, 1129
 Deeken, Dorothy, appointment, 334, 1176
 Deeley, P. M., degree, 818
 Deem, W. C., appointment, 281, 1117
 Deeming, Eleanor M., degree, 1395
 Deeming, W. B., degree, 423
 Deeren, J. L., degree, 1399
 Dees, D. E., degree, 1568
 Dees, Mrs. Margaret N., appointment, 643, 1224
 Dees, W. J., degree, 1576
 Deetjen, J. C., degree, 815
 DeFilipps, A. J., appointment, 245, 1084
 De Furia, Mrs. Betty S., appointment, 307, 331, 1143, 1173
 Degan, N. P., certificate, 441
 Degener, Nancy L., degree, 1554
 Degrees, conferred, 406, 449, 574, 779, 1235, 1281, 1384, 1531
 honorary, 1476
 master's, second, residence and credit requirements, 489
 Bachelor of Arts, general education requirements, change, 1320
 Bachelor of Fine Arts, history of art, 536
 Bachelor of Laws, changes in requirements, 1510
 Bachelor of Science, accountancy, 490
 agriculture, 1255
 commerce and law, 490
 commercial training, 490
 dentistry, scholastic requirements, 1321
 economics, 490
 finance, 490
 industrial administration, 490
 industrial engineering, 1410
 library science, discontinued, 1255
 management, 490
 nursing, 1510
 secretarial training, 490
 Doctor of Education, music education, 761
 Doctor of Library Science, abolished, 653
 Doctor of Philosophy, library science, 653
 musicology, 1507
 Master of Arts, art education, 1509
 art history, 1509
 Master of Education, industrial education, 1412
 Master of Fine Arts, design, 1509
 painting and graphics, 1509
 Master of Science, agricultural education, 1255
 health education, 652
 recreation, 1509
 Dehler, L. R., certificate, 535, 1337
 withheld, 664
 Dehm, Mrs. Jean B., appointment, 301
 Dehm, R. L., degree, 1388
 Deindoerfer, F. H., Jr., degree, 808
 Deininger, H. W., certificate, 1328
 Deiss, R. L., degree, 823
 Deitch, D., degree, 825
 DeJarld, R. L., degree, 1558
 De Jong, G. A., appointment, 355, 1183
 DeJordy, Alma, appointment, 183, 1018
 DeKalb Agricultural Experiment Field, See Northern Illinois Experimental Field.
 DeKalb County State's Attorney, contract, 1208
 DeKany, Alice, appointment, 1092
 Dekker, E. E., degree, 579
 Dekker, T. H., appointment, 175, 1010
 Dekker-van Ghyt, Mrs. Lucile, appointment, 103, 936
 Delach, R. R., degree, 594
 DeLaCruz, Mrs. Franka, appointment, 1164
 Delamarter, W. R., degree, 576
 DeLand, L. E., degree, 816

- DeLaney, C. O., appointment, 1526
 DeLaney, Jean, resignation, 403
 DeLaney, W. C., degree, 818
 DeLap, R. K., degree, 1564
 De La Ronde, G. G., degree, 411
 De Laubenfels, D. J., degree, 408
 fellowship, 680
 DeCamp, M. S., degree, 803
 DeLee, S. T., appointment, 357, 1185
 Delevoryas, T., degree, 1240
 Delicath, R. C., degree, 581
 Delighter, A., certificate, 488
 De Lira, J. R., appointment, 364, 1193
 Dell, G. H., appointment, 124, 691, 958, 1447
 Dell, P. C., appointment, 212
 resignation, 478
 Dellatori, Margaret M., degree, 1241
 Dellenback, C. R., degree, 1558
 Dellert, R. B., degree, 1551
 Delluomo, C. D., degree, 822, 1571
 DeLong, C. C., appointment, 61, 139, 894, 974
 authority to sign name of Comptroller, 444, 858
 authority to sign name of President of Board, 602, 1404
 DeLorenzo, W. F., degree, 781
 fellowship, 401, 1231
 De Lucia, J. J., appointment, 870, 1271
 Delvento, A. J., degree, 596
 DelVento, J. M., degree, 1542
 Delves, E. L., certificate, 1328
 Delzell, R. F., degree, 793
 Demaree, R. G., appointment, 1178, 1498
 degree, 451
 DeMaris, E. J., fellowship, 512, 676
 DeMars, R. I., appointment, 870
 Dembinski, Helen T., appointment, 318, 1156
 Dembski, M. V. J., appointment, 1377
 Dembski, W. J., Jr., degree, 454, 1236
 Demeris, H. T., appointment, 293, 1129
 DeMers, Mrs. Dorothy L., appointment, 151
 DeMers, E. F., appointment, 126, 961
 degree, 581
 leave of absence, 574
 DeMert & Dougherty Co., purchase, 1264, 1360
 DeMichele, J. H., degree, 578
 Demlow, W. W., appointment, 279, 1114
 Demos, G. D., degree, 1546
 DeMoulin, Jahala F., degree, 787
 DeMoulin, R. L., degree, 784
 De Moulin Bros. & Co., purchase, 376
 Dempsey, E. J., appointment, 177
 resignation, 403
 Dempsey, Ellen, appointment, 71, 904
 Dempsey & Co., bond issue for Men's Residence Halls, 1356, 1362
 Demuth, J. R., degree, 1388
 Denbo, J. D., degree, 596
 Denbo, N. M., degree, 801
 Denes, Nancy E., degree, 1399
 Denhart, Mrs. Bonnie R., appointment, 266, 1102
 Denier, F. X., certificate, 42
 Denizman, H. N., degree, 1388
 Denk, Betty A., degree, 1557
 Denk, J. R., degree, 808
 Denko, J. V., appointment, 360, 1180
 Dennis, D. T., degree, 818
 Denny, Mrs. Martha Q., appointment, 242, 1081
 declination, 1279
 Densch, J. M., appointment, 326, 1168
 Denslow, D. D., appointment, 1130
 Dent, Mrs. Beulah, appointment, 280, 1116
 Dental chairs, purchase, 375
 release of funds, 367
 Dental charts, Postgraduate Studies, purchase, 340
 Dental Clinics, budget, 217, 313, 1053, 1150
 cleft palate training program, space in University Hospital, 472
 Dental History, *See* Medical and Dental History.
 Dental plaque, research, gift, 1215
 Dental postgraduate telephone extension program manual, printing, contract, 30
 change, 523
 Dentistry, College of, admission requirements, change, 1321
 appropriations, balances reappropriated, 40
 budget, 214, 312, 1050, 1150
 degrees conferred, 822, 1570
 dental chairs, purchase, 375
 release of funds, 367
 equipment and repair work, appropriation, 23, 1324, 1461
 postgraduate courses, fees, 337
 oral surgery, 1322
 orthodontia, 1321
 pedodontics, 1322
 research, gift, 1216, 1472
 scholastic requirements, bachelor's degree, 1321
 Dental-Medical-Pharmacy Building, appropriations, balances reappropriated, 40
 contract, air conditioning, experimental quarters, 771
 cleaning and tuck pointing walls, 494
 cleaning ducts, 472
 flooring, 1264
 incinerator repair, 1327
 remodeling, 370
 assignment to Russell Mansfield, 1462
 sewer alterations, 502, 543
 stairways construction, 1264
 stonework repairs, 1517
 ventilating system, alteration, 463
 water supply facilities, 543
 water system alterations, 502
 remodeling, bond issue, printing, contract, 622
 resolution authorizing, 622
 financing, 621
 Dentistry, Medicine, and Pharmacy Construction Fund Account, withdrawals, authority, 666
 Dentistry Alumni Club of New York, gift, 1219
 Dentistry for Children, appropriation, balance reappropriated, 40
 budget, 217, 313
 Dentistry Postgraduate Studies, manual for extension program, printing, 854
 telephone service, purchase, 853
 Denton, S. B., degree, 818
 Deobler, R. W., degree, 1558
 De Olazarra, A. C., degree, 1573
 Deutsch, R. C., degree, 1553
 Departmental development, appropriations, request, 385
 DePeyster, F. A., appointment, 363, 1192
 Depilatory, research, gift, 552
 Deposit fees, change, 653
 Deposit funds, investment, 379, 568
 DePree, Lila M., degree, 1576
 DeRango, F. J., degree, 805
 Derber, M., appointment, 178, 856, 1014
 DeRidder, L. M., appointment, 350, 392, 1076, 1083
 Dermatitis, research, gift, 1215
 Dermatology, budget, 203, 308 1038, 1145
 clinical faculty, 352, 1180
 library, funds, gift, 1219
 research, gift, 552, 1215
 DeRoo, W. J., degree, 803
 DeRosa, F. F., appointment, 530
 resignation, 646
 DeRose, R. A., Jr., degree, 587
 Derrer, Phyllis J., degree, 808
 Derrick, Lucile, appointment, 248, 507, 701, 1086
 Derrrough, C. E., appointment, 129, 964
 Derrrough, Elizabeth D., appointment, 265

- Derrough, R. P., appointment, 280
 Derryberry, Wilda, appointment, 318
 Desch, Donna K. T., degree, 1559
 DeShazo, R. L., appointment, 293
 Design, master's degree, change, 1509
 DeSimone, F., Jr., degree, 587
 Desmond, J. J., appointment, 1224
 Desmond, L. J., degree, 1247
 Desort, Elaine G., degree, 589
 Desrochers, Mrs. Faith L., appointment, 1151
 Dessauer, O. D., degree, 805
 Dessent, R. A., appointment, 361, 1189
 Destro, V. P., appointment, 476, 1039
 De Takats, G., appointment, 213, 1049
 De Tamble, Grace W., appointment, 210, 229
 resignation, 878
 Dethlefs, Mrs. Betty A., appointment, 1453
 declination, 1530
 resignation, 1530
 Detlefsen, R. H., degree, 1567
 DeTrana, Celia, appointment, 313
 Detrich, R. C., degree, 597
 Dettmann, Marilyn, appointment, 1172
 DeTurk, E. E., appointment, 98, 932
 Deuchler, Suzanne C., degree, 808
 Deuchler, W. E., Jr., degree, 803
 Deufel, R. D., degree, 1240
 Deutsch, L. E., degree, 1551
 Deutsch, Mrs. Shirley A., appointment, 286,
 1122
 Deuss, H. O., appointment, 353, 1182
 Deutsch, H. A., degree, 1564
 Deutsch, W. E., appointment, 1476
 Devak, Bernice, degree, 595
 Dever, Ellen E., appointment, 10, 1307
 Devlin, W. J., appointment, 362
 Devoe & Reynolds Co., purchase, 525
 De Vore, J. C., degree, 1394
 De Vore, S. E., degree, 1395
 De Vore, W. D., Jr., degree, 418
 DeWalt, H. A., Jr., degree, 450
 DeWarga, L., degree, 588
 DeWeese, H. L., degree, 411
 Dewey, Faye L., degree, 786
 Dewey, R. S., appointment, 85, 699, 918, 1454
 leave of absence, 1408
 DeWind, D. M., degree, 1563
 De Wit, F., fellowship, 682, 1485
 DeWitt, E. J., Jr., degree, 1541
 DeWitt, F. Geraldine, appointment, 256
 DeWitt, R. S., degree, 1567
 DeWitt, W. W., degree, 805
 DeWolf, F. W., appointment, 78, 911
 DeWolf, June E., degree, 825
 DeWulf, Mrs. Mae G., appointment, 1121
 Dextrapp Division of Services for Crippled
 Children, purchase, 710
 Dexter, D. L., appointment, 507, 968
 Dexter, Evelyn, degree, 805
 Dexter, K., degree, 788
 Deyoe, G. P., appointment, 143, 148, 979
 DeYoung, K. H., degree, 592
 DeYoung, W. G., appointment, 353, 1182
 DeYoung, Wilma J., appointment, 249, 703,
 1088
 Dial, C. E., degree, 790
 Diamond, I. B., appointment, 205, 1040
 Diamond, J. R., degree, 809
 Diamond, P. G., certificate, 1292
 Diamond, Thelma, appointment, 1175
 Diazo, Elizabeth K., degree, 793
 Diazo, Kai-I, degree, 782
 Diaz, U. A., degree, 585
 Dibble, Mrs. Edna, appointment, 320
 Dice, G. K., Jr., degree, 825
 DiCiro, G. L., degree, 809
 Dickason, D. E., appointment, 62, 895
 director of University Civil Service System
 of Illinois, 1311
 Dicker, G. K., degree, 1391
 Dicker, Phyllis H., degree, 589
 Dickerson, Mrs. Eileen A., appointment, 1097
 Dickey, Barbara J., appointment, 1102
 degree, 420, 1236
 Dickey, C. V., degree, 581
 Dickey, D. E., appointment, 1313
 degree, 1284
 Dickey, G. E., degree, 800
 Dickey, M. M., appointment, 354, 1183
 Dickey, R. I., appointment, 138, 139, 392,
 690, 870, 974, 1349
 Dickhaut, O. W., degree, 798
 Dickinson, Barbara M., degree, 1560
 Dickinson, C. L., degree, 1557
 Dickinson, D. C., appointment, 870
 degree, 793
 Dickinson, P. H., appointment, 358, 1187
 Dickinson, Ruth C., degree, 453
 Dickman, Mrs. Frances G., appointment, 255,
 1092
 Dickman, R. M., degree, 828
 Dickoff, Mrs. Nora, appointment, 1153
 Dicks, N. C., degree, 1576
 Dicks, W. L., degree, 790
 Dickson, J. B., degree, 1554
 Dickstein, I. L., degree, 591
 Dictating system, Law, appropriation, 1493
 DiDea, A., degree, 1571
 Diderich, Mrs. Esther, appointment, 1163
 Didier, R. J., degree, 802
 Dieckamp, H. M., appointment, 133
 degree, 419
 resignation, 403
 Dieffenbacher, T. C., degree, 814
 Dieker, J. W., degree, 1393
 Diemer, E. R., degree, 1393
 Diener, R. A., degree, 1558
 Diener, R. G., degree, 411
 Dierdorff, Marian E., degree, 421
 Dierkes, A. E., degree, 1561
 Dierstein, Marietta M., degree, 582
 Dieschbourg, T. J., certificate, 41
 Diesing, P. R., appointment, 1476
 Dieson, Alma, appointment, 9
 Dietary, Research and Educational Hospitals,
 budget, 227, 318, 1064, 1156
 Dietemann, C. A., appointment, 154, 989, 1445
 Dieter, Dorothy R., appointment, 1189
 Dieter, O. A., appointment, 86, 699, 920, 1455
 Dietrich, A. P., degree, 821
 Dietrich, Maryhelen A., degree, 805
 Dietz, F. C., appointment, 79, 912, 1450
 Dietz, J. C., appointment, 124, 958, 1498,
 1527
 Dietz, S. C., degree, 1392
 Diffebaugh, W. G., appointment, 363, 1192
 Digestion, research, gift, 553
 Diggs, A. E., appointment, 363, 1192
 Diggs, B. J., appointment, 81, 697, 914
 DiGiulio, V. S., degree, 1573
 Dikselis, B. A., degree, 591
 Dill, R. L., degree, 821
 Dillavou, E. R., appointment, 138, 689, 974
 declination, 777
 Dillavou, O. D., appreciation for services to
 University, 1336
 invitation to January meeting, 1331
 Dillaway, R. B., appointment, 129, 964, 1377
 Dille, C. E., member of advisory committee,
 365, 1195
 Dilley, F. E., appointment, 279, 1115
 Dilley, Mrs. Lois, appointment, 1128
 Dilley, N. E., appointment, 392, 981
 resignation, 1352
 Dillie, D. K., degree, 1395
 Dillman, Mrs. Betty, appointment, 1094
 Dillman, Beverly A., appointment, 275
 Dillman, Mrs. Luella B., appointment, 1093
 Dillman, M. W., appointment, 297, 1134
 Dillman, W. E., degree, 821
 Dillon, Carol E., degree, 825
 Dillon, Mrs. Dorothy J., appointment, 938
 Dillon, Helen L., degree, 414
 Dillon, M. D., degree, 787

- Dillon, R. D., degree, 1548
 Dillon, W. M., Jr., degree, 410
 Dimiceli, S., appointment, 331, 1173
 Dimmich, J. W., degree, 818
 Dimoff, T., appointment, 1377
 Dimond, W. E., degree, 798
 Dimschultz, A., appointment, 316, 1154
 Dinkins, Flora, appointment, 444, 1476
 Dinsdale, Carol L., fellowship, 680
 Dinsmore, G. R., appointment, 260, 1096
 Dinsmore, W., member of advisory committee, 365, 1195
 Dionesotes, W. A., degree, 1562
 DiOrio, Mrs. Marie N., appointment, 320, 1155
 DiPaolo, P., degree, 1241
 Di Pasquale, Edith L., appointment, 1423, 1476
 fellowship, 531, 1278
 Diphyllbothrim, study, gift, 1214
 Diploma covers, Admissions and Records Office, purchase, 31, 1263
 Diplomas, Admissions and Records Office, purchase, 37
 Dirst, M. D., degree, 796
 Disability benefits, budget, Chicago Professional Colleges, 199, 1035
 Urbana departments, 69, 902
 nonacademic employees, regulations, 1434
 amendment, 1515
 regulations, amendment, 40
 Diseases, infectious, research, gift, 1215, 1471
 Dishwasher, Home Economics, gift, 551
 Physical Plant, purchase, 439
 Disteldorf, D. N., certificate, 1328
 Distillation Products Industries, purchase, 837
 Distilled water facilities, appropriation, balance reappropriated, 1198
 study, 528
 Distillers' by-products, use in poultry rations, study, contract, 769
 Distilling apparatus, purchase, Chemistry, 524
 Physiology, Liberal Arts and Sciences, 613
 Ditkowsky, S., appointment, 361, 1189
 Ditkowsky, S. E., appointment, 354, 1182
 Dittberner, Dolores M., appointment, 1173
 Ditter, H. E., appointment, 298, 1134
 Dittmann, K. R., degree, 1399
 Dittmar, G. W., Jr., appointment, 218, 1054
 Dittmer, C. F., degree, 1393
 Dittmer, K. L., degree, 594
 Ditzler, E., appointment, 1117
 Divine Brothers Electric Co., contract, 1414
 Divine, Wilma A., degree, 805
 Division Lead Co., purchase, 29, 500
 Division of General Studies, appropriations, balances reappropriated, 37
 area for study of stars and planets, construction, appropriation, 611
 contract, 660
 budget, 74, 266
 summer session, 1450
 Dix, R. A., degree, 1393
 Dix, R. H., degree, 587
 Dixon, E. H., degree, 1567
 Dixon, H. M., appointment, 691
 degree, 782
 Dixon, J. T., appointment, 274
 Dixon, J. W., degree, 1576
 Dixon, M. C., appointment, 1117
 Dixon, Margaret H., appointment, 259
 Dixon, P. E., degree, 1400
 Dixon Springs Experiment Station, appropriations, balances reappropriated, 37, 1197
 budget, 93, 268, 927, 1105
 house, building materials, purchase, 344, 671
 construction, appropriation, 706
 income, appropriation, 856
 operating expenses, appropriation, 706, 1474
 purchase, bull, 710
 tractor, 376
 truck, 768
 Dizdi, K. H., degree, 805
 Dlugos, V. L., degree, 823
 Dmuchowski, Bernice L., degree, 809
 Doak, J., appointment, 188, 1023
 Do-All Midwest Co., purchase, 526
 Do-All Southern Co., purchase, 672
 Doan, P. L., degree, 808
 Doane, A. H., degree, 828
 Doane, E. P., fellowship, 1480
 Dobbins, F. A., degree, 575
 Dobrovolsky, J. S., appointment, 128, 963, 1450
 Dobry, M., degree, 1558
 Dobrychlop, Sophia, appointment, 1163
 Dobrynski, Dorothy, appointment, 1172
 Dobson, C. D., degree, 805
 Dobson, J. R., degree, 1536
 Docherty, W. T., degree, 1388
 Dock, J. S., degree, 800
 Dodd, G. O., appointment, 307, 1141
 Dodd, J. B., degree, 1543
 Dodd, R. E., degree, 1550
 Dodds, R. G., degree, 588
 Doderlein, Renee L., degree, 1550
 Dodge, A. F., appointment, 43, 146, 982
 Dodge, S. C., appointment, 1224
 fellowship, 1483
 Dodson, O. H., appointment, 1011
 Doe, E. J., Jr., degree, 790
 Doebel, P. J., Jr., degree, 454
 fellowship, 1352, 1482
 declination, 1486
 Doehler, R. W., appointment, 1450
 degree, 809
 Doehring, Marjorie J., degree, 1550
 Doemland, Mrs. Carol W., appointment, 1112
 Doemland, W. F., degree, 1565
 Doerffer, F. R., appointment, 1498
 Doering, C. W., degree, 1562
 Doering, J. J., degree, 821
 Doering, John Walter, degree, 802
 Doering, John William, degree, 802
 Doerr, D. L., degree, 410
 Doerr, D. W., appointment, 221, 1058
 Doggett, Virginia C., fellowship, 682
 Doherty, R. P., degree, 808
 Dolan, Catharine E., appointment, 307, 1144
 Dolan, F. J., degree, 820
 Dolan, Margaret A., degree, 1564
 Dolan, Pauline A., appointment, 301
 Dolan, T. J., appointment, 133, 701, 968
 Doland, J. J., appointment, 124, 957
 Dolbow, P. G., degree, 803
 Dolby, D., degree, 799
 Dolch, E. W., appointment, 144, 980
 Dolciamore, Mrs. Josephine, appointment, 306, 1142
 Dold, J. B., certificate, 1328
 Dole, D. W., degree, 585
 Dolejs, Mrs. Constance, appointment, 1157
 Dolin, M. I., appointment, 476, 904, 1224
 declination, 1279
 Dolk, L. C., appointment, 221, 1058
 Dollet, L. C., degree, 1394
 Dolley, Jo A., degree, 1554
 Dollins, C. W., appointment, 134, 969
 Dolowy, H. A., degree, 1561
 Dolowy, W. C., degree, 822
 Domas, R. E., degree, 1392
 Dombrowski, R. M., degree, 828
 Domeier, E. L., degree, 597
 Dominetta, R. J., degree, 591
 Domino, E. F., appointment, 1045
 degree, 825, 830
 Domovich, J. V., certificate, 41
 Donahoe, A. H., III, degree, 1552
 fellowship, 1482
 declination, 1501
 Donahoe, N., appointment, 43, 87, 699, 700, 920, 1455
 Donahue, J. D., certificate, 1328
 degree, 1398
 Donahue, Mary V., appointment, 318, 1156

- Donahue, W. J., certificate, 41
Donaldson, Janet G., appointment, 570, 1019
degree, 1390
resignation, 1486
Donegan, J. M., appointment, 357, 1186
Doner, I. H., degree, 422
Doney, E. J., Jr., degree, 423
Doney, Georgia E., degree, 421
Doney, R. J., degree, 451
Donian, L. L., degree, 1393
Donley, Mary R., appointment, 276
Donley, Mrs. Nevella, appointment, 1135
Donlon, Mrs. Jeanne C., resignation, 878
Donnell, Betty J., degree, 578
Donnelly, R. R., & Sons, purchase, 440, 467,
469, 558, 615, 767, 1416
Donnelly, Barbara C., appointment, 673
Donnelly, C. J., degree, 803
Donnelly, D. H., degree, 1401
Donnelly, Mary R., appointment, 1112
Donney, Shirley A., degree, 1559
Donohue, Mrs. Agnes M., appointment, 242,
1081
Donohue, Irene R., appointment, 329, 1171
Donovan, C. V., appointment, 154, 988, 1445
leave of absence, 1408
Donovan, J. E., degree, 1398
Donovan, J. L., appointment, 1271
degree, 1238
Donovan, Mrs. Marguerite M., appointment,
314, 1152
Doob, J. L., appointment, 80, 913
Dooley, F. W., appointment, 1012, 1271
Dooley, J. W., degree, 1548
Dooley, R. M., degree, 1558
Doolin, P. F., appointment, 392, 921
Doolittle, Marcia A., degree, 583
Doolittle, W. F., appointment, 154, 989, 1445
D'Orazio, V. T., degree, 1558
Dorch, J. D., degree, 1544
Dordick, S. M., degree, 817
Dore, C. F., Jr., degree, 821
Dore, E. K., degree, 825
Doremus, R. H., degree, 789
fellowship, 677, 1278, 1480
declination, 731
Dorgan, J. D., degree, 1564
Doring, J. L., degree, 1400
Dormire, Dorothy L., degree, 800
Dorn, E. G., degree, 809
Dornbusch, S. M., appointment, 392, 1083
resignation, 1232
Dorner, H. B., appointment, 111, 945
Dorney, J. J., degree, 1243
Dorr, E. J., Jr., degree, 1554
Dorris, Helen L., degree, 1542
Dorris, T. C., fellowship, 682, 1486
Dorsey, J. M., appointment, 363
Dorsey, M. J., appointment, 111, 945
Dorsey, R. J., degree, 1541
Dorstewitz, Emily L., appointment, 163, 999
Dossett, R. G., degree, 1561
Dossing, R. M., degree, 591
Dotson, Mrs. Frances S., appointment, 392,
444, 965, 977
Doty, J. K., degree, 798
Doty, P. C., appointment, 392
resignation, 683
Doty, R., research equipment, gift of funds,
1218
Dougherty, Dora J., appointment, 445, 870,
917, 1333
Dougherty, E. L., Jr., degree, 1285
fellowship, 1529
Dougherty, Frances C., degree, 1250
Dougherty, Marjorie, appointment, 316
Dougherty, P. J., degree, 1558
Doughty, J. F., degree, 1400
Douglas, Jessie M., degree, 421
Douglas, Lucy, appointment, 1132
Douglas, V. L., degree, 1574
Douglass, L. E., appointment, 299, 1135
Douglass, P. W., degree, 817
Dove, W. F., appointment, 361, 1191
Dow, J. H., Jr., degree, 593
Dow Chemical Co., gift, 548, 1212, 1469
Dowell, Dorothy, appointment, 174, 179
resignation, 531
Dowler, Anita L., appointment, 693, 1224
certificate, 783
Dowler, G. H., appointment, 167
resignation, 478
Dowling, Audrey R., degree, 809
Dowling, Mrs. Betty A., appointment, 276
Dowling, C. W., appointment, 261, 1098
Dowling, Eleanor C., appointment, 1132
degree, 1546
Dowling, H. F., appointment, 211, 704, 773,
1039
Dowling, Patricia J., degree, 812
Dowling, R. M., degree, 786
Downey, Mrs. Dorothy B., appointment, 269
Downey, J. R., certificate, 41
Downey, W. H., degree, 790
Downing, D. G., fellowship, 1485
Downs, Betsy A., degree, 1251
Downs, H. I., degree, 1248
Downs, R. B., appointment, 167, 182, 1003,
1017
member of committee for Kyoto Seminar,
1419
Downs, R. C., degree, 801
Downs, S. E., degree, 1554
Downs, W. B., appointment, 220, 1056
Dowse, Eunice, appointment, 64, 842, 897
Doyle, F. J., degree, 824, 1574
Doyle, G. M., purchase, 1416
Doyle, L. E., appointment, 129, 964
Doyle, Marie, appointment, 292, 1129
Doyle, P. E., degree, 828
Doyle, Mrs. Vernelle, appointment, 224, 530
Doyle, Wanda L. C., degree, 419
Draa, C. C., appointment, 356, 1185
Drabanski, J. S., appointment, 364, 1193
Draffin, J. O., appointment, 133, 968
Dragovich, J., appointment, 1188
Draher, D. D., degree, 802
Drainage, East Dentistry-Medicine-Pharmacy
Building, contract, 1414
residence halls, contract, 1290
Drake, B. R., appointment, 1125
degree, 1564
Drake, Mrs. Mary A., appointment, 1120
Drake, Mrs. Mary P., appointment, 313
Drake, P. G., degree, 587
Drake, W., appointment, 1170
Dramm, E. R., member of advisory committee,
1195
Draper, F. J., degree, 821
Draper, H. H., degree, 1384
fellowship, 676
Draper, Mrs. Kathleen, appointment, 296, 1133
Draper, Nancy R., degree, 812
Draper, W. H., degree, 578
Draperies, Physical Plant, purchase, 439
Draughon, Ruby L., degree, 1284
Drawing, See General Engineering Drawing.
Drawver, Pauline, appointment, 1272, 1449
Draznik, Mrs. Lois D., appointment, 1133
Dreger, H. D., degree, 1553
Dreikurs, E., degree, 783
Dreiman, L. N., degree, 1549
Dremann, I. H., degree, 1549
Drenan, J. W., appointment, 73
Drenchko, J., degree, 809
Drenchko, P., degree, 809
Drenckpohl, D. H. C., certificate, 1328
Drennan, Frances L., degree, 1241
Dreshfield, A. C., Jr., degree, 808
Dreskin, E. A., appointment, 208
resignation, 403
Dressel, Mrs. Elizabeth, appointment, 59
declination, 403
Dressel, R. W., degree, 451

- Dreuth, Shirley M., degree, 1554
 Drew, Mrs. Dorothy L., appointment, 302
 Drew, Joyce C., degree, 817
 Drew, R. E., degree, 1553
 Drew, W. E., degree, 589
 Drewes, Dorothy M., degree, 1554
 Dreyfus, H. L., fellowship, 681
 declination, 731
 Dreymler, Marcia L., degree, 825
 Drickamer, H. G., appointment, 72, 905
 research, funds, gift, 1469
 Drill Hall, Chicago Undergraduate Division,
 lease, 1475
 release, request, 1402, 1421
 reroofing, contract, 1517
 Driscoll, J. P., degree, 798
 Driscoll, Mae A., appointment, 247, 1086,
 1272, 1457
 declination, 1501
 Driscoll, T. H., appointment, 76, 909
 Driscoll, W. D., degree, 1563
 Drish, L. S., degree, 424
 Drives, surfacing, contract, McKinley Hos-
 pital, 26
 Parade Ground area, 26
 Small Homes Council housing research
 project, 26
 Drolsum, A. R., degree, 592
 Drom, Beulah J., appointment, 150, 981, 996,
 1453
 Drom, R. E., degree, 809
 Droste, J. B., appointment, 1450
 degree, 821
 Drowning and artificial respiration, study, con-
 tract, 712
 Drucker, R. J., degree, 424
 Drug Plant Experiment Station, appropriation,
 balance reappropriated, 40, 1199
 buildings, construction, contracts, 470
 Drug reaction on muscular control, study,
 contract, 1264
 Druley, R. F., degree, 813
 Drum, Elizabeth, appointment, 1159
 Drumheller, C. E., appointment, 128, 962
 Drummond, O. E., degree, 1558
 Drummond, R. L., appointment, 154, 689,
 989
 Dryden, H. L., Jr., appointment, 392
 Dryer, F. E., degree, 1551
 Drysdale, J. J., appointment, 870
 Du Bar, Mrs. Phyllis, appointment, 1092
 Dube, P. H., gift, 1219
 Dubers, H. L., certificate, 42
 Dubin, Mrs. Elisabeth R., appointment, 643,
 697
 Dubin, R., appointment, 85, 139, 699, 918,
 974, 1446, 1454
 Dubin, S. S., appointment, 392, 698, 917
 declination, 1232
 DuBois, L. R., certificate, 1292
 DuBois, R. E., degree, 808
 DuBose, J. D., appointment, 1135
 Dubow, D. J., degree, 1250
 DuBrul, E. L., appointment, 215, 218, 219,
 445, 1054, 1056
 Ducey, Elizabeth M., degree, 414
 Ducey, G., appointment, 299, 1135
 Duckett Paper Co., purchase, 340
 Duddy, T. P., degree, 816
 Dudley, R. G., degree, 421
 Dudley, R. J., appointment, 1377
 Due, J. F., appointment, 141, 976
 Duensing, G. P., degree, 1394
 Duensing, W. D., degree, 805
 Duerwachter, D. A., degree, 1554
 Dufer, H. H., degree, 1564
 Duffield, R. B., appointment, 72, 132, 905,
 967
 leave of absence, 1316
 Duffield, W. B., degree, 1393
 Duffy, J. C., certificate, 1328
 Duffy, J. M., degree, 424
 Duffy, W. C., certificate, 1328
 Dufner, M., appointment, 43, 79, 912, 1450
 degree, 782
 fellowship, 1483
 declination, 1501
 resignation, 1530
 Dufour, L., fellowship, 679
 resignation, 1232
 Dugan, Mrs. Elsie M., appointment, 327, 1169
 Dugas, J. H., appointment, 76, 694, 909
 degree, 1282
 resignation, 1279
 Dugger, Mrs. Dorothy, appointment, 325
 Duha, Mrs. Sophie, gift, 1219
 DuHamel, R. H., appointment, 508
 degree, 1282
 Duke, Betty L., appointment, 392, 1040
 Duke, W. R., appointment, 128
 Dukes, F. R., appointment, 326, 1167
 Duket, Mrs. Dorothy, appointment, 328, 1169
 DuLaney, D. C., degree, 577
 Dulse, B. M., degree, 451
 Dumas, Lenore R., appointment, 1188, 1224,
 1272
 Dumbleton, M. J., appointment, 1499
 Dumbwaiter installation, residence halls, con-
 tract, 1290
 Dunbar, Louise B., appointment, 79, 912
 Duncan, C. C., degree, 585
 Duncan, C. F., Jr., degree, 1538
 Duncan, Dorothy I., appointment, 307, 1144
 Duncan, J. J., degree, 1392
 Duncan, J. T., appointment, 1183
 Duncan, L. E., degree, 1565
 Duncan, S. W., degree, 424
 Duncan, W. L., appointment, 43, 414
 Dungan, B. F., appointment, 306, 1142
 Dungan, G. H., appointment, 98, 932
 Dungan, J. A., degree, 813
 Dungy, R. T., degree, 592
 Dunham, Mrs. Helen M., appointment, 312,
 1149
 Dunicz, B. L., appointment, 1527
 Dunk, Carolyn L., degree, 1561
 Dunlap, Fanny, appointment, 168, 186, 1003,
 1021
 Dunlap, H. F., appointment, 265, 1101
 Dunlap, J. P., degree, 825
 Dunlap, L. W., appointment, 350, 392, 695,
 1003, 1018
 Dunlap, P. B., appointment, 293
 Dunlop, Kathleen, appointment, 142, 977, 1423
 resignation, 1382
 Dunlope, Mildred V., degree, 411
 Dunn, Alice R., degree, 415
 Dunn, C. B., appointment, 265, 1102
 Dunn, C. L., appointment, 140
 Dunn, Dorothy F., appointment, 870, 898,
 1451
 Dunn, E. J., degree, 1552
 Dunn, Elizabeth S., degree, 816
 Dunn, F., appointment, 729, 962
 degree, 581
 discovery, patent rights, release, 1259
 Dunn, J. E., degree, 1558
 Dunn, J. O., degree, 594
 Dunn, L. M. C., fellowship, 679
 Dunn, Leah M., appointment, 268, 270, 1105,
 1106
 Dunn, P. E., degree, 586
 Dunn, P. J., degree, 1554
 Dunn, R. E., degree, 1390
 Dunn, S. W., appointment, 167
 degree, 1282
 Dunn, W. R., degree, 1538
 Dunne, W. J., appointment, 248, 701, 1086,
 1457
 Dunnivant, K. R., degree, 1563
 Dunse, J. J., degree, 407
 Duparquet, Inc., contract, 650, 1312
 Du Pont, E. I., de Nemours & Co., gift, 548,
 1212, 1213

- Du Pont Laboratories, stock, purchase, 835
 Durand, R. E., degree, 1391
 Durbin, P. E., degree, 409
 Durborow, J. R., degree, 1237
 Durell, Leolia V., degree, 1241
 Durfee, Mrs. Joyce, appointment, 1128
 Durham, L., degree, 417
 Durham, O. C., appointment, 354, 1182
 Durik, A. R., degree, 803
 Durin, S. E., degree, 1563
 Durisch, L. L., appointment, 350, 392
 Durlacher, Ilyne L., degree, 1562
 Durlacher Bros., purchase, 711
 Durley, Adelaide, degree, 1237
 Durr, Mrs. Alma, appointment, 327, 1168
 Durrell, Dorothy F., appointment, 60, 110, 893, 943, 1456
 Dusenbury, M. V., degree, 1564
 Dushin, F. E., degree, 595
 Dust, A. I., degree, 785
 Dust, J. H., degree, 822
 Dust, Mrs. Mildred L., appointment, 256, 1093
 Dustin, J. E., degree, 1543
 Dutton, D. B., appointment, 1527
 degree, 1535
 Dutton, W. E., appointment, 237, 244, 570, 1076, 1083, 1272
 DuVall, R. E., appointment, 265
 Duvall, W. M., degree, 591
 Duvick, E. E., degree, 1393
 Duvick, N., gift, 550
 Duwelius, T. A., degree, 790
 Dvorak, E. J., certificate, 1328
 Dvoran, Dorothy, appointment, 1142
 Dvorsky, E., Jr., degree, 1557
 Dwarfism in Hereford calves, study, 33
 Dwellings, design criteria for space in, study, contract, 378
 Dwight Bros. Paper Co., purchase, 343, 557, 614, 768, 1466
 Dworak, Stephanie L., degree, 591
 Dwork, Sandra, degree, 589
 Dwyer, J. A., degree, 1576
 Dwyer, L. A., degree, 817
 Dwyer, R. G., degree, 424
 Dwyer, W. M., degree, 411
 Dyal, J. A., Jr., degree, 1545
 Dyck, Norma I., degree, 805
 Dye, W. S., Jr., appointment, 870, 1050
 degree, 773
 Dyer, Evelyn, appointment, 207, 235
 resignation, 448
 Dyer, J. R., fellowship, 876, 1480
 Dyer, R. A., degree, 1394
 Dyke, J. P., degree, 415
 Dykeman, W. Z., degree, 411
 Dykstra, G. I., degree, 407
 Dykstra, L. A., member of advisory committee, 1195
 Dykstra, L. J., degree, 588
 Dyniewicz, Josephine M., appointment, 205, 1040
 Dyson, J. D., degree, 414
 Dyson, Lorraine E., appointment, 262, 1099
 Dzedzloch, C. B., degree, 1399
 Dzierz, J. W., degree, 825
 Dzierzanowski, L. V., degree, 1395
 Dzik, S., degree, 1552
 Dzugan, B., degree, 1390
 Eades, Jo Anne, degree, 808
 Eagle Star Insurance Co., insurance purchased, 712
 Eakin, F., member of advisory committee, 36
 Eakman, S. L., degree, 802
 Eales, E. P., appointment, 122, 956
 leave of absence, 732
 resignation, 1382
 Eames, L. O., certificate, 488
 Eames, Madeline E., degree, 1241
 E & I Cooperative, Inc., purchase, 469
 E. & J. Manufacturing Co., gift, 1215
 Eanes, Ethel M., degree, 595
 Earhart, H. E., degree, 421
 Earle, N. W., degree, 453, 1534
 Earles, M. L., degree, 410
 Earley, E. B., appointment, 99, 933
 Earley, L. W., appointment, 211
 resignation, 403
 Eason, D. E., appointment, 287, 1123
 East Chemistry Building, dedication, expenses, appropriation, 463
 plaque, 496
 equipment, contract, adjustment, 611, 669, 713, 865, 866, 1209, 1265
 release of funds, 654
 heating, contract, addition, 27
 laboratory equipment, contract, addition, 714
 East Dentistry-Medicine-Pharmacy Building, appropriation, legislation, 772
 architectural services, contract, change, 1304, 1462
 bids, new, request, 1268
 rejected, 1267
 reduced program, 1267
 contract, dispensing counter units, 1414
 electric wiring, 1414
 elevators, moving stairways, and lifts, 1475
 action deferred, 1414
 general work, 1414
 heating, piping, and refrigeration, 1414
 laboratory furniture, 1414
 pipe covering and insulation, 1414
 plumbing and drainage, 1414
 ventilation, 1414
 funds, additional, need, 1268
 prevailing wage rates, schedule, 1415
 site, demolition of buildings, contract, 1304, 1324
 Easternman, Edythe V., appointment, 317, 1155
 Eastman, Doris W., degree, 1554
 Eastman, G. H., appointment, 300, 1136
 Eastman, J. B., degree, 1554
 Eastman, W. H., appointment, 363, 1192
 fellowship, 478
 Eastman Kodak Co., gift, 549, 1212
 stock, sale, 567
 Eastwood, Mrs. Agnes C., appointment, 1121
 Eaton, H. C., degree, 1388
 Eaton, J. D., degree, 419
 Eaton, J. O., degree, 449
 Eaton, L. E., degree, 1549
 Eaton, Nedra L., appointment, 276
 Eaton, Patricia A., appointment, 258
 Eaton, Mrs. Pauline, appointment, 1094
 Eaton, R. C., appointment, 102, 936
 Eaton, R. D., degree, 592
 Eaton, Mrs. Shirley J., appointment, 324, 1163
 Eaton, Thelma, appointment, 168, 695, 1003, 1451
 Eaton, W. O., appointment, 1107
 Ebbesen, J. A., degree, 416
 Ebbeskotte, E. E., certificate, 771
 Eberhard, J. P., degree, 1565
 Eberhard, Lois S., degree, 1560
 Eberhardt, W. C., degree, 803
 Eberhardt, W. W., appointment, 1130
 Eberhart, E. G., degree, 422
 Eberstein, A., degree, 583
 Ebert, E. D., appointment, 128, 963
 Ebert, Justine K., degree, 1550
 Ebert, M. H., appointment, 352, 1180
 Ebert, Mildred, degree, 408
 Ebert, W. H., degree, 794
 Ebner, S. H., certificate, 1328
 Eby, F. S., fellowship, 1485
 Eby, R. N., fellowship, 1480
 Eck, R. E., certificate, 488
 Eckel, E. J., appointment, 130, 965
 Eckels, Lucille G., degree, 812
 Eckels, R. E., degree, 1560
 Eckels, R. J., degree, 596

- Eckelstrom, R. E., appointment, 154, 169, 1005
 Eckert, C. E., member of advisory committee, 1194
 Eckert, P. A., degree, 1401
 fellowship, 681
 resignation, 1232
 Eckert, P. L., degree, 596
 Eckert, R. E., degree, 1281
 Eckert, W., certificate, 1337
 Eckess, W. S., Jr., degree, 1552
 Eckhardt, Margarite D., degree, 421
 Eckhoff, D. E., degree, 1549
 Eckles, E. L., appointment, 691, 1447
 Ecklund, R. P., degree, 1553
 Eckmann, B., appointment, 530, 570, 913
 Eckoff, Mrs. Charlotte, appointment, 1165
 Eckstein, N. C., appointment, 1292
 Economic and Business Research, Bureau of, budget, 142, 284, 977, 1120
 Economic Cooperation Administration, contract, 1327
 Economics, budget, 140, 975, 1120
 summer session, 691, 1447
 chairman, appointment, 868, 1339, 1491
 resignation, 868
 curricula, revisions, 490
 fellows, 679, 1482
 Economou, S. G., appointment, 363, 1192
 Economy Plumbing & Heating Co., contract, 650, 1312, 1414, 1464
 change, 640
 Eddy, Evelyn, appointment, 361, 1189
 Eddy, Helen M., appointment, 10, 1308
 Edelen, Mrs. Elizabeth, appointment, 1146
 Edelen, Mrs. Ellen E., appointment, 1121
 Edelen, J. P., degree, 1252
 Edelman, D. C., degree, 1547
 fellowship, 677
 Edelman, J. M., appointment, 82, 179, 916, 1014
 leave of absence, 1502
 Edelman, M. T., degree, 1282
 Edelman, S. K., degree, 1395
 Edelstein, R. M., fellowship, 681
 declination, 683
 Edens, W. E., appointment, 909
 Edens, W. M., member of advisory committee, 36
 Edgar, A., appointment, 271, 1107
 Edgar, A. L., degree, 591
 Edidin, J. H., degree, 1558
 Edidin, L., appointment, 354, 1182
 Edidin, Zella M., degree, 592
 Edie, Virginia, degree, 1398
 Edman, C. R., degree, 1571
 Edman, G. J., appointment, 106, 174
 declination, 448
 Edman, Marjorie, appointment, 102, 936
 leave of absence, 1353, 1383
 Edmonds, J. L., appointment, 101, 935
 Edmonds, Mary P., appointment, 392, 906, 1224
 Edmonston, Mrs. Mary C., appointment, 1132
 Edmunds, Dorothy A., degree, 805
 Edsall, J. V., appointment, 989, 993
 degree, 547
 Edson, Charlotte G., fellowship, 680, 1278
 Education, College of, appropriations, balances reappropriated, 38, 1197
 budget, 143, 284, 978, 1121
 Chicago Undergraduate Division, 1457
 summer session, 691, 1447
 clinic, remodeling, appropriation, 1512
 dean, resignation, 1522
 degrees conferred, 421, 454, 592, 812, 1250, 1397, 1560
 equipment, appropriation, 470
 fellows, 679, 1482
 graduation with honors, requirements, 538
 industrial education, curriculum, 1411, 1412
Journal of Educational Theory, printing, 467, 1305
 Education, College of, cont'd
 research, gift, 550
 teaching in elementary schools, curriculum, admission requirements, 538
 Educational broadcasting, project to strengthen, grant of funds, 765
 Educational Surveys Revolving Account, budget, 986, 1122
 Edwards, C. R., degree, 595
 Edwards, Carol J., degree, 595
 Edwards, D. W., degree, 591, 1549
 Edwards, G. C., appointment, 271, 1107
 Edwards, Geneve M., degree, 1554
 Edwards, H. C., appointment, 153, 508, 689, 988, 1445
 Edwards, H. M., appointment, 61, 139, 894, 974
 Edwards, J. A., appointment, 1175
 Edwards, J. D., Jr., appointment, 392, 906
 resignation, 1232
 Edwards, J. N., degree, 821
 Edwards, Joanne P., degree, 809
 Edwards, Mary E., appointment, 1111
 Edwards, P. D., degree, 583
 Edwards, P. R., degree, 1393
 Edwards, Phyllis, appointment, 157
 Edwards, R. J., Inc., bond issue for Men's Residence Halls, 1356, 1362
 Edwards, R. L., appointment, 698
 Edwards, R. M., degree, 798
 Edwards, Rachel, appointment, 328, 1097
 Edwards, T. W., member of advisory committee, 36
 Edwards, Virginia S., degree, 825
 Edwards Brothers, purchase, 375
 Eells, K. W., appointment, 1448
 Efengee Electrical Supply Co., Inc., purchase, 31, 526, 557
 Eftax, D. S., degree, 591
 Egalnick, Margaret, degree, 592
 Egan, Arlene, appointment, 316, 1153
 Egbert, P. R., appointment, 126, 961, 1449
 Eger, E. I., degree, 809
 Eggebrecht, Dorothy A., appointment, 248, 701, 1087, 1457
 Egger, W., Jr., degree, 817
 Egges, Mary L., degree, 589
 Eggleston, R. M., degree, 1550
 Ehart, Mary L., degree, 1392
 Ehrenberg, O. M., degree, 1554
 Ehresmann, C., appointment, 1423
 Ehrhardt, J., degree, 822
 Ehrlich, G., degree, 796
 Ehrlich, L. D., degree, 1401
 Ehrlich, N. J., appointment, 354, 1183
 Ehrlich, R. W., appointment, 363, 1192
 degree, 1570
 Ehrlicher, J. J., appointment, 326, 1175
 Ehrlicher, Mrs. Marie, appointment, 1145
 Ehrmantraut, H. C., degree, 576
 Eich, W. B., Jr., degree, 1549
 Eichberger, L. C., degree, 588
 Eichelbaum, K. L., appointment, 358, 1187
 gift, 1219
 Eichelberger, J. T., degree, 788
 Eichhorn, G. L., degree, 450
 Eichhorst, Lloyd, Inc., purchase, 343, 376
 Eichman, J. W., degree, 813
 Eickhoff, W. J., appointment, 271, 1107
 Eidman, K. L., degree, 418
 Einarsson, H., degree, 591
 Eigelsbach, C. F., certificate, 1337
 Eilbracht, L. P., appointment, 1358, 1497, 1527
 Eirich, Mrs. Phyllis A., appointment, 1141, 1145
 Eirich, R. D., degree, 1554
 Eisen, D., degree, 815
 Eisen, N. H., appointment, 1337
 Eisenach, R. J., degree, 588
 Eisenberg, Alfred, degree, 594
 Eisenberg, Allen, certificate, 1328
 Eisenberg, H., degree, 1394
 Eisenberg, Miriam, appointment, 323, 1166

- Eisenberg, R., degree, 1395
fellowship, 1352, 1485
Eisenberg, Rheta J., degree, 421
Eisenstein, Geraldine, appointment, 319
Eisler, Jean L., degree, 805
Eisner, R., appointment, 141, 870, 977
Eitel, M. J., fellowship, 677, 1480
Ekena, C. R., degree, 1549
Ekiss, Mrs. Lucille, appointment, 1095
Ekman, K. W., degree, 1564
Ekren, W. S., degree, 1574
Ekstrom, J. W., degree, 1400
Elbert, R. D., degree, 795
Elbinger, Mrs. Rebecca L., appointment, 243, 703, 1082
Elbow, J. A., certificate, 488
El-Deeb, A. A., degree, 582, 1385
Elden, E. H., certificate, 488
Elder, J. C., degree, 1568
Eldrenkamp, C. D., certificate, 488
Eldrenkamp, L. B., degree, 1551
Electrical distribution system, Chicago, additions, 24
contract, 464, 848
extension, release of funds, 338
Urbana, engineering services, contract, addition, 27
improvements, release of funds, 519
Electrical Engineering, appropriations, balances reappropriated, 38, 1197
budget, 126, 279, 960, 1115
summer session, 693, 1448
curriculum, changes, 1410
fellows, 679, 1482
gift, condensers, 1214
electrical parts, 1214
equipment, 1214
fellowships, Motorola, Inc., 1212, 1468
Radio Corp. of America, 1468
Westinghouse Educational Foundation, 549, 1213, 1469
scholarship, Morse, Memorial Foundation, 548, 1467
purchase, chairs, 524
contact relays, 340
oscillators, 615
polar recorder, 852
receptacles, 344
recorder, 468
spectrometer, 710
vacuum coating unit, 837
research equipment, appropriation, 1461
Electrical Engineering Building, remodeling, appropriation, balance reappropriated, 39
theatre-type seats for room 138, appropriation, 470
Electrical Engineering Research Laboratory, equipment and remodeling, appropriation, 23, 840
Electrical fields for heating in reinforcing steel, study, contract, 769
Electrical supplies, purchase, agriculture, 558
Physical Plant, 1344
Electrical work, contract, Animal Sciences Laboratory, addition, 495
Agricultural Engineering Annex, 847
Busey Hall, 763
dairy barns, 544
East Dentistry-Medicine-Pharmacy Building, 1414
Feed Storage Warehouse, 369
Huff Gymnasium, 340
Illini Grove, 639
Illini Hall, 493
Men's Residence Hall, 763
minor alterations and remodeling, 368, 848, 1518
Noyes Laboratory, 345, 527, 1203
Physical Plant Service Building, addition, 438
Radiocarbon Laboratory, 638
radio transmitter building, 493
Electrical work, cont'd
Research and Educational Hospitals Addition, addition, 1261
change, 522, 639, 1519
residence hall in Chicago, 650, 1290, 1312
Staff Apartment Building in Chicago, 650, 1312
Stock Pavilion, 667
addition, 846
Utilities Distribution System, Urbana, addition, 609
Veterinary Medicine Building annex, 493
Electric cell counter, research, gift, 553
Electricity, application to field operations, research, contract, change, 1360
gift, 550, 1470
Electric ranges, Physical Plant, purchase, 1494
Electric service, apartment building in Chicago, contract, 1264
Electric service equipment, Physical Plant, contract, 369, 640
release of funds, 434
Electrocardiogram unit, Research and Educational Hospitals, relocation, appropriation, 476
Electrochemistry in liquid ammonia, study, contract, 610
Electroencephalograph, Otolaryngology, appropriation, 1461
purchase, 1494
Psychiatry, purchase, 558
Psychology, purchase, 525
Electroencephalographic equipment, Research and Educational Hospitals, purchase, funds, gift, 523
Electrometer, purchase, Chemistry, 1520
Radiocarbon Laboratory, 1326
Electronic Digital Computer, appropriations, balances reappropriated, 38
equipment, appropriation, 1493
fellows, 1483
magnetic core device, patent, application, 2
employment of attorney, 3
purchase, electron tubes, 1344, 1360
magnetic drum, 375
power supplies, 502
sawing and filing machine, 672
tubes, 343, 670
research, contract, 378
Electronic equipment, purchase, Civil Engineering, 1263
Physics, 1205, 1263
Electronics in insulating solids, research, contract, 378
Electron microscope, Chemistry, gift, 1214
purchase, 852
Electrophoresis apparatus, Dairy Science, purchase, 524
Medicine, purchase, release of funds, 367
Elementary schools, teaching in, curriculum, admission requirements, 538
Elesh, F. S., degree, 825
Elevator Manufacturing Co. of America, contract, 471, 1290
referred to Committee on Chicago Departments, 472
Elevators, contract, East Dentistry-Medicine-Pharmacy Building, 1475
action deferred, 1414
Engineering Research Laboratory, 1203
Research and Educational Hospitals, repair, 1360
replacement, 471
referred to Committee on Chicago Departments, 472
residence halls, 1290
residence hall in Chicago, 650, 1312
staff apartment building in Chicago, 650, 1312
Wright Farms, purchase, 768
Elfe, T. B., Jr., appointment, 1118
degree, 578

- Elfenbaum, A., appointment, 216, 1052
 Elfers, G., Jr., degree, 826
 Elgert, O. J., degree, 1285
 Elgin Lumber & Supply Co., purchase, 1360
 Elhardt, W. P., appointment, 82, 915
 El-Hifni, M. A., degree, 583
 Eliel, L. W., certificate, 841
 Eliot, R., appointment, 159, 697, 994, 1453
 Elkin, Mary E., degree, 809
 Elkin, S. L., degree, 1554
 Elkins, Eva M., appointment, 265
 Ell, June L., degree, 452
 Ellars, W., appointment, 290
 Elledge, G. W., degree, 1560
 Eller, R. E., degree, 597
 Ellermann, C. F., degree, 417
 Ellew, P. T., degree, 587
 Ellicott, H. B., degree, 418
 Elling, R. E., degree, 1540
 Ellingson, Anita, appointment, 216, 1053
 Ellingson, E. O., degree, 1567
 Ellington, C. V., appointment, 260, 1096
 Elliott, A. B., degree, 585
 Elliott, B. A., degree, 1389
 Elliott, Barbara P., degree, 1539
 Elliott, E., appointment, 508, 1188
 Elliott, F., certificate, 1357
 Elliott, F. E., degree, 818
 Elliott, G. J., degree, 830
 Elliott, G. L., degree, 417
 Elliott, J. E., fellowship, 1482
 declination, 1486
 Elliott, J. K., degree, 585
 Elliott, L. E., appointment, 259, 1095
 Elliott, Lucille, appointment, 311, 1148
 Elliott, N. J., degree, 1542
 fellowship, 1352
 Elliott, Nelda J., degree, 819
 Elliott, Q. K., degree, 798
 Elliott, R. D., degree, 416
 Elliott, R. S., appointment, 126, 961
 degree, 1385
 resignation, 1382
 Elliott, Sarah A., degree, 1397
 Elliott, Virginia O., degree, 1401
 Elliott, W. K., degree, 1549
 Elliott Flying Service, purchase, 502, 1344
 Elliott Lumber Co., purchase, 342
 Ellis, A. H., appointment, 1224
 Ellis, C. D., appointment, 261, 1098
 Ellis, D. O., degree, 820
 Ellis, F., appointment, 1448
 Ellis, Mrs. Gladys H., appointment, 267, 1103
 Ellis, J. W., Jr., degree, 798
 Ellis, Lucille N., appointment, 264, 1100
 Ellis, N. P., certificate, 841
 Ellis, Mrs. Naomi C., appointment, 183
 declination, 403
 Ellis, R. G., degree, 1551
 Ellis, S., appointment, 283, 1119
 Ellis, W. C., degree, 1241
 Ellison, F. P., appointment, 1377
 Ellison, N. C., degree, 809
 Elliston, R. H., appointment, 244, 1083
 El-Melehy, M. A., degree, 415, 1534
 Elssner, T. M., appointment, 134, 701, 969,
 1377
 Elslager, E. F., degree, 575
 Elsner, M. R., certificate, 488
 Elstner, R. C., appointment, 392, 570, 970,
 1377
 Elstrom, E., appointment, 323, 1166
 Elwell, L. D., Jr., degree, 417
 Elwood, J. R., appointment, 1225
 Elyea, R. E., degree, 587
 Embree, E. O., degree, 1544
 Embree, M. L., degree, 453
 Embry, J. C., appointment, 274, 1110
 Embs, L. D., degree, 423
 Emch, A., appointment, 80, 913
 Emergency Service, Research and Educational
 Hospitals, budget, 1065, 1156
 Emerson, M. P., degree, 1534
 Emerson, R., appointment, 136, 971
 Emery, R., degree, 411
 Emery, W. L., appointment, 350, 392, 693,
 960, 1449
 Emig, H. M., appointment, 221, 1057
 Emig, Mrs. Madelyn T., appointment, 296
 Emigh, C. R., appointment, 644
 degree, 1283
 Emmert, C. F., degree, 821
 Emmert, W. L., degree, 1394
 Emmons, W. D., degree, 781
 Employees, agricultural, work schedule,
 change, 705
 injuries, budget, 69, 902
 nonacademic, policy and rules relating to
 compensation and working conditions,
 administration, 1441
 regulations, 1441
 revisions, 1418, 1426
 Employees Council, purchase, 342
 Employers' Fire Co., insurance purchased, 711
 Empson, C., appointment, 276, 1112
 Empson, J. N., appointment, 1125
 Emrick, T. L., degree, 597
 Ems, R. W., degree, 1567
 Enamel standards, study, contract, change, 865
 Enamel Utensil Manufacturers Council, con-
 tract, change, 865
 Encyclopaedia Britannica, contract, 1219
 Endowment funds, budget, Agriculture, 91, 924
 Commerce, 137, 973
 Communications, 165, 1001
 Fine and Applied Arts, 152, 987
 Liberal Arts and Sciences, 70, 902
 Library, 187, 1022
 Medicine, 200, 1036
 Physical Education, 158, 993
 Physical Plant Department, 188, 1023
 investment, 379, 567, 568, 834, 1291, 1420,
 1497
 summary, 56, 106, 889, 1031
 Endress, C. R., degree, 581
 Endress, Lois M., degree, 809
 Endress, R. F., degree, 1554
 Endsley, Dorothy J., appointment, 1099
 Endsley, T. L., degree, 407
 Eng, R., degree, 809
 Eng, W., degree, 1397
 Engblad, D. R., degree, 1565
 Engel, E. H., appointment, 160
 declination, 403
 Engel, M. B., appointment, 220, 1056
 Engelbrecht, L. M., degree, 585, 586
 Engelbreit, J. B., certificate, 1357
 Engeljohn, Mrs. Ethel, appointment, 306, 1143
 authority to sign name of Secretary of
 Board, 4, 602, 1405
 Enger, M. L., appointment, 121, 133, 954, 968
 portrait fund, gift, 1214
 Engert, Barbara G., degree, 588
 Engert, Beth E., degree, 591
 Engert, R. J., degree, 1397
 Engert, W. M. C., degree, 1543
 Engh, H. A., degree, 803
 Enghausen, D. L., degree, 1252
 Engineering, College of, admission require-
 ments, changes, 761
 appropriations, balances reappropriated, 1197
 budget, 120, 277, 953, 1113
 curricula, changes, 1409
 industrial engineering, approved, 1410
 degrees conferred, 418, 586, 800, 1248,
 1393, 1551
 gift, fellowship, Standard Oil Co. of Indi-
 ana, 33
 Strong, Henry, Educational Foundation,
 549
 research, 550
 scholarships, Ceco Steel Products Corp.,
 1467
 student data sheets, printing, 375

- Engineering consulting services, minor construction projects, contract, 608, 610
 Engineering Experiment Station, appropriations, balances reappropriated, 1197
 budget, 120, 277, 953, 1113
 printing, bulletin on box-type plenums, 670
 bulletin on slab and beam highway bridges, 767
 research, gift, 550, 1469, 1470
 Engineering Foundation, gift, 1469
 Engineering Library, books, gift, 1214
 Engineering physics, curriculum, changes, 1410
 Engineering Research Laboratory, duct work, contract, 1208
 elevator, authority to secure bids, 840
 contract, 1203
 prevailing wage rates, schedule, 1204
 name, 609
 purchase, electric materials, 851
 laboratory tables, 712
 transformer, 851
 remodeling, additional, appropriation, 839, 840
 balance reappropriated, 1198
 approved, 839
 architectural services, 1413
 contract, addition, 659
 adjustment, 1345
 Engineering Sciences, Chicago Undergraduate Division, appropriations, balances reappropriated, 40
 budget, 245, 332, 1084, 1174
 summer session, 702, 1457
 Engineering services, Abbott Power Plant, contract, 863
 Agricultural Engineering Building addition, contract, 836
 electrical distribution system addition, contract, 27
 fire protection, appropriation, balance reappropriated, 39, 1198
 Huff Gymnasium, appropriation, 340
 Physical Medicine quarters, remodeling, contract, 764
 plant for production of distilled water, contract, 528
 residence halls, expansion, contract, 763
 Stock Pavilion, contract, 836
 storm sewer by greenhouses, contract, 437, 660
 Talbot Laboratory addition, contract, 849
 water reclamation improvements, appropriation, 492
 contract, 529
 England, Helen L., degree, 808
 England, T. E., degree, 1554
 Engle, Nancy L., degree, 1566
 Englehardt, J. T., Jr., degree, 803
 Englehardt, M. W., degree, 1549
 Engler, Elizabeth A., degree, 809
 Englis, D. T., appointment, 72, 905
 English, Betty R., degree, 805, 1536
 fellowship, 679
 English, budget, 74, 266, 907, 1102
 summer session, 693, 1449
 fellows, 679, 1483
 head of department, acting, appointment, 1459
 students' use, committee, budget, 67, 264, 900, 1100
 stylebook, publication, appropriation, 492
 Englund, E., appointment, 282, 1118
 Engman, C. A., Jr., degree, 410
 Engst, Greta D., degree, 827
 Engstrom, D. M., degree, 818
 Engstrom, Elaine, appointment, 311, 1148
 Enos, F. A., degree, 1540
 Enright, J. H., degree, 802
 Enright, Mary A., degree, 423
 Enroth, R. J., degree, 803
 Ensbacher, Mrs. Mollie, appointment, 1159
 Ensign, N. E., appointment, 133, 968
 Enstrom, W. G., degree, 1549
 Enta, C. T., degree, 809
 Enterogastrone, research gift, 1218
 Entile, A., degree, 422
 Entler, B., appointment, 274, 1110
 Entomology, appropriations, balances reappropriated, 38, 1196
 budget, 77, 266, 910, 1102
 summer session, 694, 1449
 equipment, appropriation, 845
 fellows, 680, 1483
 gift, fellowship, Swift & Co., 549, 1212
 research, Rockefeller Foundation, 1470
 United States Public Health Service, 551
 laboratory furniture, purchase, 712
 microscopes, appropriation, 23
 purchase, 374
 remodeling, appropriation, 23
 spectrophotometer, purchase, 500
 Entrance examinations, budget, 62, 895
 fees, candidates who wish to qualify for the study of law, 762
 Entwistle, Alice L., degree, 1237
 Envelopes, purchase, Extension Service in Agriculture and Home Economics, 613, 1466
 Office Supply Store, 466, 467, 614
 Environment, physiological adjustments to rapid changes, research, gift, 554
 Enzymes, research, gift, 550
 Ephgrave, J. T., degree, 1552
 Epilepsy, research, gift, 554, 555, 1218, 1472
 Epilepsy Consultation Clinic, budget, 1041, 1146
 funds, gift, 554, 556
 Epperson, Betty G., appointment, 269, 1105, 1111
 Epperson, Mrs. Vera B., appointment, 268
 Epstein, Arlene G., degree, 1560
 Epstein, D., degree, 593
 Epstein, G. S., degree, 1243
 Epstein, J. F., degree, 787
 Epstein, J. J., degree, 816
 Equipment, nonrecurring, budget, 68, 901
 release of funds, 706
 surplus, appropriation, balance reappropriated, 1196
 Equitable Life Assurance Society, housing project in Chicago, financing, negotiations terminated, 505
 loan, interest rate and period of amortization, 442
 Erbach, Doris, appointment, 324, 1147
 Erbach, J. E., degree, 1564
 Erbes, F. R., degree, 1401
 Erbes, R. G., Jr., degree, 582
 Erbs, Mrs. Martha L., appointment, 296
 Erhardt, J., degree, 588
 Ericksen, H. R., degree, 591
 Erickson, C. H., certificate, 1328
 Erickson, Clara, appointment, 10, 1307
 Erickson, D. V., degree, 817
 Erickson, E. L., appointment, 79, 912
 Erickson, Mrs. Frances, appointment, 327, 1169
 Erickson, G. K., degree, 805
 Erickson, Mrs. Gertrude, appointment, 318
 Erickson, J. A., certificate, 1337
 Erickson, J. R., degree, 826
 Erickson, J. W., degree, 584
 Erickson, Jean, appointment, 1097
 Erickson, K. H., degree, 803
 Erickson, Mrs. Lois G., appointment, 1131
 Erickson, M. D., degree, 1565
 Erickson, Mrs. Margery G., appointment, 282
 Erickson, Myrtle C., appointment, 1174
 Erickson, O. H., appointment, 174, 179, 1009, 1014, 1272
 Erickson, R. D., degree, 1391
 Erickson, R. F., degree, 577
 fellowship, 680
 resignation, 1233

- Erickson, R. W., degree, 808
 Erickson, W. P., Jr., degree, 1565
 Ericson, B. E., degree, 805
 Ericson, J. P., degree, 1394
 Erikson, J. A., degree, 1551
 Erlanger, Margaret, appointment, 161, 996
 Erlanson, P. J., degree, 587
 Erlewine, L. D., degree, 1387
 Erley, R. A., degree, 593
 Erlicher, Jacqueline M., degree, 827
 Erlick, D. E., appointment, 1333
 Ermler, Mrs. Estelle B., appointment, 301, 302
 Ernest, A. R., degree, 815
 Ernest, E. K., certificate, 1337
 Ernst, C. F., degree, 1571
 Ernst, E. T., degree, 1551
 Ernst, E. W., appointment, 128, 530, 774, 962, 1377
 Ernst, Mrs. Helen T., appointment, 280, 1120
 Ernst, Marie K., appointment, 530
 Errera, Mrs. Jeannette M., appointment, 278
 Errera, S. J., degree, 580
 Errion, M. J., degree, 1241
 Erskine, D. L., degree, 797
 Erskine, E. B., appointment, 239, 1079
 Ervin, Virginia W., degree, 1244
 Ervin, W. J., degree, 417
 Erwin, C. C., degree, 1532
 Erwin, D. K., degree, 1562
 Erwood, Ann, degree, 1554
 Erzen, C. A., degree, 576
 Esarey, D. M., degree, 1393
 Esarey, M. F., degree, 1559
 Esarey, M. M., degree, 411
 Esch, D. D., degree, 595
 Eshelby, J. D., appointment, 870, 968, 1377
 Eshelman, G. R., certificate, 1490
 Esker, E. A., degree, 1248
 Esko Roofing Co., contract, 1517
 Eskoz, I., degree, 593
 Esmond, B. L., degree, 1251
 Espenschied, R. F., degree, 411
 Espenshade, R. S., degree, 1246
 Esposito, Frances, appointment, 313
 Esposito, M., appointment, 310
 Espy, W. N., appointment, 128, 963
 Esselstyn, Mrs. Norma C., appointment, 1122
 Esselstyn, T. C., appointment, 85, 918
 Esser, T., degree, 1551
 Essin, Mrs. Sonya K., appointment, 695
 Essley, E. L., Machinery Co., purchase, 613, 837, 838
 Esslinger, Marilyn M., degree, 784
 Estabrook, M. R., degree, 418
 Estep, Marian T., appointment, 1225
 Estes, C. E., certificate, 1330
 Estes, Edith M., degree, 1241
 Ether, research, gift, 553
 Etheridge, R. K., degree, 822
 Etheridge, V. W., appointment, 275
 Etherton, Annabel L., degree, 800
 Ethyl Corp., gift, 549, 1212
 Eitel, H. P., appointment, 270, 1106
 Etnyre, R. L., degree, 1287
 Etter, J. E., appointment, 127, 774, 962
 Ettinger, J. M., degree, 594
 Eubank, D. F., appointment, 644
 European Culture Museum, budget, 88, 921
 Evaluation Unit, Bureau of Research and Service, budget, 151, 286, 986, 1122
 revolving account, 152, 286
 Evans, C. E., degree, 411
 Evans, C. R., degree, 1236
 Evans, D. D., degree, 1546
 Evans, D. L., appointment, 257
 Evans, E. A., degree, 817
 Evans, E. E., appointment, 291, 1127
 Evans, F., appointment, 1190
 Evans, G. B., appointment, 75, 693, 908
 Evans, J. H., degree, 821
 Evans, J. T., appointment, 291, 1128
 Evans, Mrs. Louise M., appointment, 291, 1127
 Evans, M. E., degree, 1241
 Evans, M. W., degree, 409
 Evans, P. V., degree, 1567
 Evans, Phyllis H., degree, 812
 Evans, R. E., degree, 411
 Evans, R. L., degree, 790
 Evans, R. N., appointment, 146, 692, 982, 1448
 Evans Residence Hall, budget, 192, 303, 1027, 1139
 fire protection improvements, funds, 1374
 transformer vaults, contract, 379, 494
 release of funds, 519
 Evanston Drama Club, gift, 554, 1472
 Evaporator, Food Technology, purchase, 558
 Evancs, Lola R., degree, 1537
 Eveland, Lutheria E., degree, 1237
 Evensen & Son, purchase, 768
 Evenson, E. A., certificate, 1330
 Everett, J. E., Associates, purchase, 29, 341, 468, 615, 669, 1326
 Everingham, Nancy A., degree, 1550
 Everitt, W. L., appointment, 121, 126, 954, 960
 Evers, L. T., degree, 1567
 Evers, Mary E., degree, 1236
 Evers, R. A., degree, 1533
 Eversole, J. W., degree, 1567
 Everson, T. C., appointment, 363, 1192
 Ewankow, Anna, degree, 1558
 Ewell, R. W., degree, 1239
 Ewers, J. E., appointment, 67, 900
 statement, functions and operations of Security Office, 350
 Ewing, F. E., degree, 424
 Ewing, Martha G., degree, 790
 Ewing, T. N., appointment, 60, 83, 892, 917
 Ewing, W. R., certificate, 841
 Examination books, Office Supply Storeroom, purchase, 672, 1206
 Examinations, high school and college subjects for candidates who wish to qualify for the study of law, fees, 762
 Executive Committee, authority, award bond issue for residence halls expansion, 1343
 award contract for moving stairways, elevators, and lifts for East Dentistry-Medicine-Pharmacy Building, 1415
 purchase of residence property for faculty housing, 736
 election, 601, 1404
 meeting, 336, 516, 563, 733, 834, 1290, 1356
 Exhibits, appropriation, balance reappropriated, 38
 budget, 199
 heart, contract, 1346
 Exline, Mrs. Frances H., appointment, 258, 1094
 Exline, R. V., appointment, 870, 1527
 Extension, University, appropriations, balances reappropriated, 38
 budget, 173, 292, 1008, 1128
 extramural bulletins, purchase, 341
 films, rental, 1219
 Extension Service in Agriculture and Home Economics, budget, 88, 116, 268, 276, 922, 949, 1104
 federal funds, additional, allocation, 520
 purchase, addressing machine, 613
 automobiles, 671
 envelopes, 613, 1466
 offset duplicator, 502
 truck, 499
 revolving account, 120
 tents, rental, 613
 Extramural bulletins, Extension, purchase, 341
 Extramural Courses and Conferences, appropriations, balances reappropriated, 38
 budget, 173, 292, 1009, 1128

- Eye and Ear Infirmary, *See* Illinois Eye and Ear Infirmary.
- Eyerly, J. B., appointment, 353, 1181
- Eyler, M. H., appointment, 159, 160, 993, 995
- Eyler, R. H., degree, 821
- Eyler, W. R., appointment, 1476
- Eyman, E. D., resignation, 448
- Eyster, M. K., degree, 593
- Eytcheson, D. R., degree, 1558
- Faber, H. W. I., degree, 798
- Fabian, S. H., degree, 1552
- Fabri, J. B., degree, 411
- Fabricant, N. D., appointment, 359, 1187
- Facial growth, research, gift, 1217
- Factor, Helen, appointment, 328, 1169
- Faculty, retiring, recognition, 1503
- Faculty-alumni news letter, Chicago Professional Colleges, budget, 199, 1035
- Fadanello, L. H., degree, 1393
- Fade-ometer, Home Economics, purchase, 670
- Faeth, H. C., degree, 411
- Fagen, T. J., degree, 411
- Fahey, J. J., appointment, 207
resignation, 572
- Fahey, P. C., degree, 803
- Fahlberg, Mrs. Eleanor M., appointment, 267
- Fahle, Barbara A., degree, 1249
- Fahnestock, M. K., appointment, 128, 225, 963, 1061
- Fails, C. F., degree, 588
- Fair, F. V., appointment, 690
degree, 579
- Fair, Mrs. Florence K., appointment, 1099
- Fair, Jean E., appointment, 1225
- Fair, Q. E., degree, 1394
- Fairbairn, J. P., degree, 419
- Fairbanks, C. W., degree, 450
- Fairbanks, G., appointment, 86, 919
discovery, patent, application, 1463
- Fairbanks, J. C., degree, 826
- Fairbanks-Morse Co., purchase, 672
- Fairman, D. M., degree, 1562
- Fairweather, G. W., degree, 580
- Faist, Patricia K., appointment, 182
resignation, 777
- Falcon, Frances A., degree, 1567
- Faldberg, Sue A., degree, 812
- Faler, Elizabeth L., appointment, 308, 1144
- Fales, Ellen L., degree, 1554
- Fales, W. H., degree, 1395
- Falesch, F. C., degree, 818
- Faletti, Mary A., degree, 1554
- Faletti, R. J., appointment, 164, 695, 1000, 1451
- Falk, D. B., degree, 1552
- Falk, Doris E., appointment, 255, 1092
- Falk, F., fellowship, 677
declination, 777
- Falk, M. A., degree, 1539
- Falk, Mrs. R. Jeanne, appointment, 1125
- Faller, Mrs. Nancy P., appointment, 296
- Faller, W. D., degree, 416
- Fallon, A. F., degree, 1241
- Falls, F. H., appointment, 206, 1041
- Falls, J. L., appointment, 357, 1185, 1477
leave of absence, 574
- Fan, Hsieh-sen, degree, 583
- Fanakos, Clara A., appointment, 1132
degree, 1537
fellowship, 682
- Fane, D. C., degree, 1399
- Fane, Mrs. Mary C., appointment, 257
- Fang, F. T., fellowship, 1352, 1480
- Fangrat, Loretta, appointment, 322, 1164
- Fanning, L. A., Jr., degree, 597
- Fannings, Izetta R., degree, 1560
- Fans, Physical Plant, purchase, 525
- Fansteel Metallurgical Corp., employees, gift, 1219
- Fantozzi, S. J., degree, 1570
- Farago, P. J., appointment, 354, 1183
leave of absence, 646
- Farber, H. O., appointment, 61, 894
authority to sign name of Comptroller, 444, 858
- Farian, Clarissa A., degree, 811
- Farias, L., degree, 410
- Farina, C., appointment, 300, 1137
- Fariss, D. C., degree, 419
- Farley, A. W., II, appointment, 356
- Farley, Mrs. Anna W., appointment, 310, 1147
- Farley, D. M., appointment, 206, 1041
- Farley, R. A., degree, 1543
- Farlow, Ida M., appointment, 282, 1118
- Farm Account Revolving Account, budget, 96, 269, 930, 1105
- Farm advisers, budget, 116, 949
participation in Retirement System, 566
- Farm and Home Week, budget, 93, 926
- Farman-Farmaian, Laura J. R., degree, 420
- Farm crops, advisory committee, 1194
- Farmer, Ida L., degree, 1241
- Farm laborer, work schedule, change, 705
- Farm operations, budget, 194, 1029
- Farm record books, Agricultural Economics, printing, 341, 1520
- Farms, agricultural, fencing, appropriation, balance reappropriated, 1197
- Farnham, C. H., appointment, 99, 933
- Farnham, E. M., appointment, 153, 988
leave of absence, 1235
- Farnham, Ruth M., appointment, 330
termination, 448
- Farnham, W. H., degree, 1241
- Farnsworth, Marilyn J., degree, 589
- Farr, J. E., Jr., appointment, 1108
degree, 585
- Farrand, Virginia K., degree, 812
- Farrell, E. J., degree, 1247
- Farrelly, P. J., degree, 1558
- Farrington, J. D., appointment, 358, 1187
gift, 1219
- Farris, Dorothy F., appointment, 392, 897, 1225
degree, 407
- Farris, H. W., appointment, 1225
- Farrow, R. H., degree, 409
- Farthing, Velma R., degree, 1395
- Farwell, G. D., degree, 805
- Fash, Bernice, appointment, 10, 1307
- Fassler, Louise, appointment, 392, 1061
- Fassnacht, W., degree, 1399
- Fath, H. L., degree, 1576
- Faucett, M. A., appointment, 126, 693, 960
- Faughman, Mrs. Rita, appointment, 241, 1080
- Faullin, R. R., degree, 802
- Fausel, C. E., degree, 597
- Faust, A. D., degree, 587
- Faust, Bess H., appointment, 314, 1151
- Faust, Elaine J., appointment, 1377
degree, 1398
- Favero, W. J., degree, 414
- Favre, D. L., degree, 1557
- Favretto, Anita, appointment, 1160
- Fawcett, C. G., appointment, 243, 392, 703
- Fawcett, G. H., degree, 1394
- Fawver, Betty J. D., degree, 453
- Fay, Mrs. Clara D., appointment, 263, 1099
- Fay, Rosalie H., degree, 805
- Faye, C. U., appointment, 184, 1019
- Fazio, A., degree, 821
- Fearless Camera Co., purchase, 30
- Fears, D. J., degree, 1565
- Fears, Jacquelyn W., degree, 1567
- Feaster, Patricia L., degree, 800
- Feathergill, Vera C., appointment, 268
- Fecenko, Helen, degree, 825
- Fechtig, C. W., degree, 1549
- Fechtner, H. W., Jr., degree, 1248
- Fedder, Alice N., appointment, 1178

- Federal Communications Commissions, hearings on assignments of television channels, University representative, 460
 television license, application, 1496
 Federal funds, Airport, improvements, application, 640
 Federal Remodeling & Building Co., contract, 470
 Federated Department Stores, stock, purchase, 835
 Federle, A. V., Jr., degree, 797
 Fedor, E. M., degree, 821
 Fee, J., appointment, 325, 1167
 Fee, Ruth B., degree, 1387
 Feeder cattle, purchase, authority, 836
 Feed grinder, patent rights, release, 458
 Feed lot, south of Beef Cattle Scale House, appropriation, 339
 Feed Storage Warehouse, construction, contracts, 369
 conveyors, installation, contract, 473
 Fees, agriculture short courses, 1220
 children participating in practice teaching course in Physical Education, 365
 Dentistry, postgraduate courses, 337
 examinations in high school and college subjects for candidates who wish to qualify for the study of law, 762
 general deposit, discontinued, 653
 hospital and medical service, change, 856
 housing deposit, change, 653
 Illini Union service charge, increase, 705
 key deposit, discontinued, 653
 library fines, 654
 listener's, regulations, 1492
 military deposit, discontinued, 653
 thesis deposit, change, 1496
 refund, 473
 tuition, graduate students in absentia, 462
 nonresident, increase, 539
 visitor's, regulations, 1492
 Feffer, M. H., fellowship, 401
 Fehlaber, G. J., degree, 1553
 Fehrenbacher, G. F., degree, 1568
 Fehrenbacher, J. B., appointment, 99, 114, 933, 948
 Fehrenbacher, W. L., degree, 1549, 1568
 Fehrs, W. H., Jr., degree, 424
 Feicht, H. E., degree, 823
 Feightner, L. E., degree, 454
 Feild, R. B., degree, 1385
 Fein, Gloria B., appointment, 445, 1047
 cancellation, 1233
 Fein, J., degree, 823
 Feinberg, L., appointment, 358, 1186
 Feinberg, R. H., certificate, 41
 Feinberg, S. J., degree, 803
 Feingold, Thelma E., appointment, 310, 1147
 Feinhandler, E. J., appointment, 354, 1183
 Feinman, L., degree, 1576
 Feinman, Renee B., degree, 577
 Feinson, S. I., degree, 419
 Feinstein, B., certificate, 841
 Feinstein, I. K., appointment, 243, 508, 1077, 1082, 1457
 Feldkamp, W. W., Jr., degree, 597
 Feldman, D. B., degree, 809
 Feldman, J., degree, 786
 fellowship, 681
 declination, 683
 Feldman, L. I., appointment, 353, 392, 1181
 cancellation, 478
 Feldman, P. D., degree, 588
 Feldman, Shelden, degree, 1384
 Feldman, Stanley, degree, 414
 Feldman, W. S., degree, 1395
 Feldspar use, study, contract, change, 1495
 Feldten, H., appointment, 274, 1110
 Felix, Adah A., degree, 1554
 Fell, D. A., degree, 1571
 Fell, E. H., appointment, 362, 1191
 Fellmann, J. D., appointment, 78, 911, 1450
 Fellows, appointment, 46, 401, 447, 478, 512, 531, 572, 645, 676, 730, 775, 876, 1231, 1278, 1315, 1334, 1351, 1382, 1479, 1500, 1529
 Fellows, J. R., appointment, 129, 963
 leave of absence, 1408
 Fellowships, appropriation, 521, 1358
 budget, 136, 194, 223, 234, 972, 1029, 1059, 1073
 gift, Allied Chemical & Dye Corp., 548, 1468
 American Cyanamid Co., 548
 anonymous, foreign student in architecture 1468
 Armour & Co., 1211, 1468
 Arthritis & Rheumatism Foundation, 1216
 Bristol Laboratories, 552, 1215
 Brown, Mrs. Antoinette F., 1262
 California Co., 1468
 Cincinnati Chemical Works, Inc., 548, 1211
 Commercial Solvents Corp., 1468
 Dow Chemical Co., 548, 1212
 Du Pont, E. I., de Nemours & Co., 548, 1212
 Eastman Kodak Co., 549, 1212
 Ethyl Corp., 549, 1212
 Evanston Drama Club, 554, 1472
 Firestone Tire & Rubber Co., 1212
 Garner, Mrs. James W., 473, 523
 General Aniline & Film Corp., 1468
 Grunsfeld, E. A., Fund, 549
 Hoffman-LaRoche, Inc., 552, 1471
 Illinois Clay Products Co., 549, 1468
 Illinois Federation of Women's Clubs, 554
 Lakefield Nepheline Syenite, 549, 1468
 Lauhoff Grain Co., 549
 Lilly, E., & Co., 549, 1212
 Lindsay Light & Chemical Co., 549, 1468
 Mallinckrodt Chemical Works, 1471
 Minnesota Mining & Manufacturing Co., 1212
 Monsanto Chemical Co., 1468
 Motorola, Inc., 1212, 1468
 Music Research Foundation, Inc., 1213
 National Academy of Sciences, 1212
 National Lead Co., Baroid Sales Division, 549, 1468
 Titanium Alloy Manufacturing Division, 1212, 1469
 Olin Industries, Inc., 1468
 Western Cartridge Division, 549, 1213, 1469
 Orton, E., Jr., Ceramic Foundation, 549, 1468
 Pan American Refining Corp., 1212, 1468
 Pittsburgh Consolidation Coal Co., 549, 1468
 Procter & Gamble Co., 549, 1212
 Radio Corp. of America, 1468
 Ralston Purina Co., 1212
 Rohm & Haas Co., 1469
 Ruettinger, J. W., 1219
 Ryerson, E. L., 33
 St. Louis Regional Planning and Construction Foundation, 1469
 Searle, G. D., & Co., 1212
 Shell Fellowship Committee, 549, 1212
 Sigma Xi, Illinois Chapter, 1212
 Sinclair Refining Co., 549, 1469
 Socony-Vacuum Laboratories, 1212, 1469
 Squibb, E. R., & Sons, 33
 Standard Oil Co. of California, 549, 1212
 Standard Oil Co. of Indiana, 33, 1469
 Standard Oil Co. of Ohio, 1212
 Strong, H., Educational Foundation, 549, 1469
 Swift & Co., 549, 1212
 University of Illinois Library School Association, 1469
 Upjohn Co., 549, 553, 1212

Fellowships, cont'd

- Velsicol Corp., 549, 1212
 Victor Chemical Works, 549, 1213
 Visking Corp., 549, 1469
 Western Cartridge Co., 549, 1213, 1469
 Westinghouse Educational Foundation, 549, 1213, 1469
 Zeta Phi Eta, 1212
 period of exemption from payment of tuition fees, 1358
 Plym, regulations, 714
 Ryerson, regulations, 762
 stipends, increase, 1358
 Flemley, J., Co., bid, 659
 contract, 493, 763, 1290
 addition, 371, 438, 659, 715, 864
 change, 28, 379
 Felsenfeld, O., appointment, 352, 1180
 Felsenthal, Martha A., degree, 817
 Felsner, Z., appointment, 352, 1180
 Felt, J. A., degree, 817
 Felt, J. H., certificate, 488
 Felten, J. C., degree, 1563
 Felton, D. R., degree, 587
 Felton, R. P., degree, 805
 Felts, J. K., Jr., appointment, 291
 Felts, L. L., degree, 1533
 Felts, Luan, degree, 1558
 Fencing, agricultural farms, appropriation, balance reappropriated, 1197
 McCullough Farm, purchase, 440
 Fend, A. V., appointment, 696
 degree, 1387
 Fenelon, J. R., degree, 1562
 Fenn, Betty J., degree, 812
 Fenner, Mrs. Elizabeth S., appointment, 295
 Fenster, A. S., degree, 588
 Fensterman, L. G., degree, 585, 1387
 Fenton, F. H., appointment, 222, 530, 1058
 Fenton, M. J., degree, 802
 Fenzan, W. R., degree, 803
 Fera, P. P., appointment, 1527
 Feraut, A., fellowship, 679
 resignation, 1316
 Ferber, R., appointment, 141, 142, 976, 977
 Ferganus, W. E., degree, 1239
 Ferguson, C., degree, 1283
 Ferguson, J. A., degree, 785
 Ferguson, J. N., degree, 1392
 Ferguson, Joanne O., degree, 1554
 Ferguson, K. W., degree, 1251
 Ferguson, L. A., degree, 809
 Ferguson, L. E., degree, 1553
 Ferguson, O. W., fellowship, 679
 Ferguson, W. A., appointment, 80, 696, 914
 Fernandez, Mrs. Blanca, appointment, 1158
 Fernandez, Mrs. Nita N., appointment, 260
 Fernando, H. E., degree, 1385
 Ferner, R. Y., Co., Inc., purchase, 375
 Ferrara, L. W., degree, 1401
 Ferree, P. J., degree, 788
 fellowship, 478
 Ferreira, A. P., degree, 1552
 Ferreird, Mrs. Kathryn K., appointment, 1134
 Ferrell, H. W., certificate, 488
 Ferris, Mrs. Anna R., appointment, 271, 1129
 Ferro Enamel Corp., contract, change, 668
 Fertility levels in Illinois, study, contract, 713
 Fessler, R. G., degree, 420, 1240
 Festival of Contemporary Arts, appreciation of work done by faculty, 726, 1475
 Fetherston, Mrs. Lillian E., appointment, 303
 Fett, Esther L., appointment, 1423
 Fett, G. H., appointment, 126, 693, 960, 1448
 discovery, patent rights, release, 709
 Fetter, R. E., degree, 1241
 Fetter, W. A., degree, 1566
 Fettes, Love, and Sieben, contract, 543
 Fiacco, G. J., degree, 810
 Fiala, G. T., degree, 1553
 Fibich, M. J., Jr., degree, 1549
 Ficarra, F. T., degree, 789
 Fick, J. J., degree, 801
 Fickel, Mrs. Mary N., appointment, 262, 1098
 Fickenworth, W. J., degree, 828
 Fiedler, F. E., appointment, 1254
 Fieg, C. W., appointment, 281, 1117
 Fiege, Beverly J., appointment, 673
 Field, E. M., certificate, 841
 Field, Irene, appointment, 320
 Field, L. N., degree, 1241
 Field, Marshall, & Co., purchase, 1466, 1521
 Field, Mrs. Patty L., appointment, 283, 1119
 Field, R. D., degree, 1400
 Field, S., degree, 1562
 Field & Shorb Co., purchase, 1264
 Fielden, J. S., appointment, 1527
 Fielder, G. W., Jr., appointment, 673, 870, 984
 degree, 784
 Fielding, Jane J., degree, 828
 Fieldman, work schedule, change, 705
 Fields, W. H., Jr., appointment, 1178, 1272
 Fiene, L. C., degree, 824, 1574
 Fiener, Rhoda, degree, 589
 Fiesel, Esther H., appointment, 309, 1146
 Fife, Mrs. Alicia, appointment, 324
 Fife, W. E., degree, 1554
 Fifth Street, property at 1006-8 South, acquisition, 539
 Figlewicz, R. C., degree, 802
 Figlewski, Joan, degree, 1528
 Figueras, J., Jr., degree, 1385
 fellowship, 677
 resignation, 1424
 Figueras, Mrs. Janet H., appointment, 294, 1130
 Fijolek, J., degree, 802, 805
 Filbey, E. J., appointment, 138, 974, 1349
 Fildes, H. E., degree, 411
 File, O. N., degree, 581
 File cabinets, purchase, Physical Plant, 342
 Physics, 613
 Filek, L. T., degree, 802
 Files, Office Supply Store, purchase, 671
 Files, C. R., degree, 585
 Files, J. J., degree, 584
 Filip, J. H., appointment, 198, 1032
 Filligim, L. L., degree, 594
 Film, educational, rental, 1219
 Visual Aids Service, purchase, 375
 Fina, L. R., degree, 450
 Finance, curriculum, revisions, 490
 Finance Committee, members, 603, 1495
 request of Mrs. Sarah Grimm for financial aid, study, 1222
 report, 1332
 sale of Household Finance Corp. stock, 569
 Treasurer's bond, report, 518
 Finch, F. H., appointment, 144, 174, 476, 979
 Finch, Grace C., appointment, 9
 Finch, R. D., degree, 1246
 Finder, E. F., appointment, 301, 1137
 Findlay, J. E., appointment, 246
 resignation, 731
 Findley, W. N., appointment, 133, 969
 Fine and Applied Arts, College of, appropriations, balances reappropriated, 38
 art, master's degrees, changes, 1509
 budget, 152, 286, 987, 1122
 degrees conferred, 423, 455, 595, 817, 1251, 1287, 1400, 1564
 drafting rooms, construction in, appropriation, 1109
 faculty, planning and direction of festival, appreciation, 726, 1475
 funds, gift, Sawyer, Mr. and Mrs. A. W., 1468
 history of art curriculum, 536
 industrial design curriculum, admission requirements, change, 1460
 paintings, purchase, 711, 1466

- Finfgeld, T. E., appointment, 1456
 Finfrack, R. W., degree, 1562
 Finger, Donna D., appointment, 168, 186, 1004, 1021
 Finger, Rosemary H., degree, 816
 Fink, A. J., degree, 826, 830
 Fink, B. W., degree, 1571
 Fink, Barbara J., degree, 811
 Fink, Mrs. Patricia A., appointment, 1103
 Fink, R. B., degree, 1568
 Fink, T. A., degree, 1548
 Finke, E., degree, 591
 Finke, W. W., Jr., degree, 797
 Finkel, B., degree, 597
 Finlay, G. C., appointment, 143, 147, 979, 983
 Finlay, Helen K., degree, 409
 Finley, C. R., degree, 798, 1538
 fellowship, 676
 Finley, D. E., degree, 1549
 fellowship, 1479
 declination, 1487
 Finley, J. E., degree, 587
 Finley, Lois I., degree, 1244
 Finley, M., member of advisory committee, 1194
 Finley, N. W., degree, 406
 Finn, R. K., appointment, 72, 905
 Finnegan, H., certificate, 1490
 Finnegan, J. T., degree, 1576
 Finnegan, Mary J., degree, 1397
 Finnelly, J. L., degree, 410
 Fianerud, C. W., appointment, 1333
 Finney, Mrs. Mildred I., appointment, 244, 703, 1083, 1458
 Finnigan, Mrs. Ellen, appointment, 8, 319, 1158
 Finucane, J. W., degree, 420
 Fiocca, V. L., degree, 1570
 Firebaugh, Martha E., degree, 1238
 Fire extinguishers, Physical Plant, purchase, 32
 Fire insurance, purchase, Illini Union, 1466
 rental properties in Urbana-Champaign, 711
 Student and Staff Apartments, 768, 769
 Firek, J., appointment, 311, 1148
 Fire loss, Veterinary Pathology Laboratory, appropriation, 346
 Fireman's Fund Insurance Co., insurance, purchase, 1495
 Fire protection, Agricultural Engineering Building, appropriation, 655, 1413
 balance reappropriated, 1198
 contracts, 1414
 betatron and cyclotron, appropriation, 1359
 Busey Hall, funds, 1374
 engineering services, appropriation, balance reappropriated, 39, 1198
 Evans Hall, funds, 1374
 McKinley Hospital, evacuation signal system, contract, 344
 sprinkler system, contract, 345
 Noyes Laboratory, removal of center stairs, contract, 544
 residence halls, contract, 1290
 Robert Allerton Park, appropriation, 762
 contract, adjustment, 1264
 Taylor Street, building at 1716 West, fire escape, contract, 543
 Firestone Tire & Rubber Co., gift, 1212
 Firschein, I. L., degree, 584
 First National Bank of Chicago, appreciation for hospitality, 1332
 facsimile signatures, resolution, 602, 1405
 Warner Construction Co. contracts, settlement, 1374
 Firth, J. A., appointment, 1124
 degree, 585, 1539
 Firtik, J. M., degree, 802
 Fisch, Emily, degree, 420
 Fisch, M. H., appointment, 81, 914, 1453
 Fisch, W. H., degree, 1397
 Fischburg, S. B., degree, 816
 Fischer, Charlotte L., degree, 810
 Fischer, D. F., degree, 810
 Fischer, E. H., degree, 787
 Fischer, H. G., & Co., purchase, 712
 Fischer, J. W., appointment, 353, 1182
 Fischer, Mrs. Marilyn L., appointment, 295
 degree, 784
 Fischer, R. F., degree, 781
 Fischer, R. L., degree, 1240
 fellowship, 677
 declination, 683
 Fischheimer, D. E., degree, 1562
 Fischman, S. Y., certificate, 1490
 Fiscus, C. A., degree, 1541
 Fish, A., degree, 826
 Fishbein, M., appointment, 353, 1182
 Fisher, B., appointment, 673, 1188
 Fisher, C., appointment, 334, 1175
 Fisher, C. L., appointment, 279
 Fisher, David L., degree, 422
 Fisher, Don L., appointment, 354, 1183
 Fisher, Devera E., degree, 586
 Fisher, E. Y., appointment, 308
 Fisher, Emily J., degree, 800
 Fisher, G. L., degree, 1392
 Fisher, Gertrude E., degree, 1386
 Fisher, Gloria, appointment, 12
 Fisher, H., appointment, 290
 Fisher, H. I., appointment, 87, 508, 701, 921
 Fisher, H. L., appointment, 870, 1018, 1225
 degree, 793
 Fisher, Ilo D., degree, 1244
 Fisher, J., appointment, 1134
 Fisher, J. C., appointment, 273
 Fisher, J. H., appointment, 1477
 fellowship, 680
 Fisher, Janet S., degree, 1566
 Fisher, Jennora R., degree, 820
 Fisher, L. B., appointment, 62, 145, 895, 980
 Fisher, L. F., degree, 1565
 Fisher, M., Jr., appointment, 392
 Fisher, Marguerite R., appointment, 266, 1102
 Fisher, Marie, appointment, 323, 1165
 Fisher, Mrs. Marjorie M., appointment, 263, 1099
 Fisher, R. H., degree, 1552
 Fisher, Rita, appointment, 327
 Fisher Scientific Co., purchase, 557, 852, 1520
 Fisher, Mrs. Virginia B., appointment, 295, 1132
 Fisher, W., fellowship, 1315
 Fisher, W. E., degree, 1394
 Fisherkeller, Jo A., degree, 592
 Fisherkeller, L. W., degree, 815
 Fishman, F. J., Jr., degree, 1552
 fellowship, 1485
 declination, 1487
 Fishman, I. S., degree, 1554
 Fishman, R., degree, 813
 Fishman, S. G., degree, 818
 Fishman, W. E., degree, 1571
 Fisk, R. C., degree, 826
 Fisk, V. C., degree, 597
 Fitch, H. M., appointment, 134, 969, 1456
 Fitch, S. J., degree, 1557
 Fite, P. L., degree, 597
 Fitzgerald, A., appointment, 271
 claim, settlement, 1309
 Fitzgerald, Mrs. Della R., appointment, 314, 1151
 Fitzgerald, G., appointment, 358, 1186
 Fitzgerald, J. D., degree, 801
 Fitzgerald, J. F., degree, 821
 Fitz-Gerald, Mrs. Rovenia M., appointment, 290, 1127
 Fitzgerald, W. G., degree, 821
 Fitzgerald, W. L., appointment, 1225
 fellowship, 512
 resignation, 777

- Fitzgerald, Wilma, appointment, 1115
 Fitzgibbons, Irene, appointment, 321
 FitzGibbons, J. P., appointment, 206, 1041
 Fitzpatrick, P. J., appointment, 270
 Fitzsimons, L. J., certificate, 1328
 Fivash, M. J., degree, 1576
 Fjelde, O. S., appointment, 153, 988
 Flabb, Betty J., appointment, 60, 893
 Flach, Florence, appointment, 692, 1448
 Flagg, G. W., degree, 1571
 Flagg, Marion, appointment, 1452
 Flaherty, N. F., appointment, 1184
 Flaig, G. G., degree, 418
 Flanagan, E., appointment, 306, 1142
 Flanagan, E. J., degree, 597
 Flanagan, E. L., degree, 817
 Flanagan, James E., Jr., degree, 1252
 Flanagan, Joseph E., fellowship, 1484
 Flanagan, J. T., appointment, 75, 693, 908, 1499
 leave of absence, 1407, 1491
 Flanagan, Margaret H., degree, 812
 Flanagan, Mrs. Mildred B., appointment, 256
 Flanagan, Norma B., degree, 1241
 Flanagan, W. C., degree, 1553
 Flanders, D. P., appointment, 141, 976
 Flanigan, D. J., degree, 1398
 Flathau, W. J., degree, 801
 Flebbe, D. R., degree, 786
 Fleischer, D., degree, 591
 Fleischer, M. M., degree, 1549
 Fleischman, A., degree, 825
 Fleischmann, P., degree, 423
 Fleischmann Laboratories, Standard Brands, Inc., contract, 378
 Fleischner, J. R., degree, 1249
 Fleisher, H. L., Jr., degree, 810
 Fleming, A. N., appointment, 130
 resignation, 403
 Fleming, C. E., degree, 828
 Fleming, C. J., degree, 1551
 Fleming, G. E., certificate, 1330
 Fleming, Geneva P., appointment, 300, 1137
 Fleming, Joan, appointment, 361, 1190
 Fleming, Margaret M., degree, 793
 Fleming, Mrs. Marilyn M., appointment, 212, 1041
 Fleming, R. W., appointment, 1525
 Fleming, T. P., Jr., degree, 1561
 Flemming, Lillian C., degree, 786
 Flesher, Anna K., degree, 808
 Flesher, H., appointment, 298
 Flesner, Verna L., degree, 785
 Fletcher, C. H., appointment, 122, 956
 Fletcher, Mrs. Florence, appointment, 88, 921
 Fletcher, H. F., appointment, 75, 693, 908
 Fletcher, R. A., degree, 1563
 Fletcher, R. E., appointment, 159, 697, 994
 Fletcher, R. E., Jr., degree, 1392
 Fletcher, S., appointment, 155, 990
 Fletcher Visual Aids Service, purchase, 558
 Flexman, R. E., appointment, 177
 resignation, 403
 Flick, L. N., degree, 798
 Flick, F., appointment, 297, 1134
 Flight instrument displays, study, contract, 668
 Flight trainer study, contract, 378
 Flinn, Ruth, appointment, 1163
 Flint, Anne B., degree, 421
 Flint, Dorothy J., appointment, 870
 Flint, R. P., degree, 596
 Flitz, H. E., degree, 798
 Floberg, J. A., degree, 815
 Flom, G. T., appointment, 75, 908
 Flood, J. L., degree, 805
 Flood, R. G., certificate, 1178
 Floody, R. K., degree, 594
 Flooring, Dentistry-Medicine-Pharmacy Building, contract, 1264
 Flora, R. F., appointment, 282, 1117
 Flores, J. S., appointment, 85, 147, 919, 984, 1454
 Flores, S. S., appointment, 218, 1051, 1054
 Floriculture, advisory committee, 1195
 Floriculture Building, alteration, appropriation, 470
 balance reappropriated, 1198
 contract, adjustment, 561, 865, 1209
 laboratory furniture, purchase, 557
 Florida Avenue and Race Street housing project, drives, surfacing, contract, 26
 flues and chimneys, contract, 1344
 inclusion in Urbana Park District, 1419
 sidewalks, construction, contract, 436
 Florio, A. E., appointment, 147, 159, 697, 984, 994, 1453
 Florio, Mrs. Marian, appointment, 319, 1158
 Floro, M. T., Jr., degree, 799
 Florzak, R. W., degree, 817
 Flott, F. W., degree, 596
 Flournoy, W. N., appointment, 176, 1011
 termination, 1279
 Flower, Wilma R., degree, 1567
 Floyd, Lynn, degree, 1389
 Fluder, E. A., degree, 588
 Flugum, Elphia, appointment, 8
 Fluhr, Anne, appointment, 1225, 1451
 Fluid streams, mixing, research, contract, 469
 Fluorescent fixtures, Physical Plant, purchase, 31, 526, 711, 1520
 Fluoroscope, Medicine, purchase, 670
 Flynn, C. T., Jr., gift, 1219
 Flynn, Doris, appointment, 333, 1175
 Flynn, J. J., degree, 821
 Flynn, Mrs. Kathryn, appointment, 306, 1143
 Flynn, Patricia J., appointment, 673
 Flynn, Mrs. Ruth S., appointment, 303
 Flynn Fence & Supply Co., contract, 1327
 Foell, H. G., degree, 588
 Fogelson, S., degree, 800
 Fogle, Catherine L., appointment, 207, 1043
 leave of absence, 684, 1488
 Foglesong, Cosette R., degree, 1390
 Foil, Mrs. Barbara J., appointment, 1098
 Foil, P. J., appointment, 258, 1094
 Folen, F. G., degree, 1564
 Foley, E. A., degree, 813
 Foley, E. F., appointment, 204, 1039
 Foley, F. C., appointment, 488, 911, 971
 Folis, M. B., degree, 595
 Folk, E. R., appointment, 1477
 Folkers, K., lectures in chemistry, funds, gift, 1210
 Folkerts, T. M., degree, 1568
 fellowship, 645, 876
 Folkrod, J. R., degree, 1394
 Folks, Jo Ann C., degree, 1550
 Follmer, Mrs. Emma, appointment, 1162
 Follmer, M. R., degree, 1567
 Fols, C. L., appointment, 85, 95, 918, 929
 Foltz, Dorothy, appointment, 1163
 Fong, K., degree, 782
 Fonner, R. C., appointment, 304, 1140
 Fontana, Joan A., appointment, 305
 Food processing pilot plant equipment, appropriation, 521
 Foods, refrigerated warehousing, study, contract, 1264
 Foods and nutrition, equipment, appropriation, 521
 Food service, Chicago Undergraduate Division, budget, 253, 334, 1091, 1176
 Food service equipment, contract, Illini Union, 437
 residence halls, 1290
 Foods laboratory, kitchen cabinet and sink units, purchase, 711
 Food spoilage, research, gift, 550

- Food Technology, appropriations, balances re-appropriated, 37
 budget, 105, 272, 939, 1109
 equipment, appropriation, 521
 fellows, 680, 1483
 fellowships, gift, Armour & Co., 1468
 purchase, centrifuge, 500
 color meter and accessories, 612
 evaporator, 558
 freezer, 670
 furniture, 375, 469
 laboratory equipment, 525, 467
 laboratory flour mill, 558
 laboratory spaghetti and macaroni plant, 558
 microscopes, 377, 612
 recorder, 670
 spectrophotometer, 612
 remodeling, appropriation, 23, 1324
 Foote, B. R., appointment, 155, 696, 990
 Foote, Mary, appointment, 1170
 Footlik, S. G., degree, 789
 Foran, F. L., appointment, 353, 1181
 resignation, 1279
 Forbes, B. L., fellowship, 1479
 Forbes, J. L., appointment, 445
 degree, 785
 Forbes, L. E., appointment, 302
 Forbes, Patricia A., degree, 800
 Forbes, R. M., appointment, 102, 114, 936, 948
 Force, G. A., purchase, 1416
 Forcht, Lillian W. M., degree, 414
 Ford, A. T., appointment, 176, 1012
 Ford, Mrs. Edna K., appointment, 1499
 Ford, Gertrude, appointment, 1099
 Ford, Joy, appointment, 320, 1159
 Ford, L. R., Jr., appointment, 696
 Ford, Mary D., appointment, 327, 1169
 Ford, Mary J., appointment, 303
 Ford Foundation, grant, research in behavioral sciences, 348
 Fordham, L. S., degree, 813
 Fordham, S. L., appointment, 249, 1087, 1458
 Fordon, Leona R., appointment, 358, 1186
 Fordon, Mrs. Louise K., appointment, 292
 Fordyce, Beverly J., degree, 816
 Fordyce, E. J., degree, 424
 Fordyce, Mrs. Edwina M., appointment, 318
 Fordyce, J. R., degree, 823
 Foreman, D. D., Jr., degree, 828
 Foreman, E., degree, 1283
 Foreman, G. L., appointment, 272, 1108
 Foreman, J. L., degree, 1548
 Foreshee, W. R., degree, 1249
 Foresman, Velma N., appointment, 10, 1307
 Forester Construction Co., contract, 1260
 Forestry, advisory committee, 1195
 budget, 107, 273, 940, 1109
 Forestry research, gift, 550, 1213, 1469
 Forgings, Physics, purchase, 341
 Forman, W. P., certificate, 1329
 Fornof, J. R., elected President Pro Tempore, 1404
 member of committee, 428, 602, 603, 1222, 1405, 1422
 Forr, Mrs. Jean M., appointment, 1096
 Forr, W. A., appointment, 1107
 Forrest, D. E., degree, 596, 1391
 Forrest, E. A., Jr., appointment, 183, 1225
 resignation, 572
 Forrest, Mrs. Edna, appointment, 317
 Forrest, Mary E., degree, 589
 Forrest, R. A., appointment, 355
 Forrest, R. E., degree, 808
 Forrest, R. L., degree, 1549
 Forssell, J. B., degree, 816
 Forster, G. F., appointment, 352, 1180
 Forsyth, A. C., appointment, 131, 965
 Forsyth, Mrs. Florence R., appointment, 303
 Fort, E. F., degree, 1553
 Fort, M. K., Jr., appointment, 80, 696, 913
 Forth, M. W., appointment, 97, 931
 discovery, patent rights, release, 458
 Fortier, F. L., Jr., degree, 597
 Fortier, J. R., degree, 803
 Fortney, J. P., degree, 1567
 Fortney, Mrs. Jean D., appointment, 508, 906, 1313
 resignation, 1316
 Fortney, W. R., degree, 579
 Fosler, G. M., appointment, 112, 946
 Fosnaugh, Mrs. Ruth C., appointment, 86, 699, 919
 Foss, J. B., degree, 801
 Foss-Bormann, Mrs. Valborg, appointment, 1145
 Fosselman, J. F., degree, 1329
 Fossett, Florence M. B., degree, 411
 Foster, C. E., degree, 585
 Foster, Carol E., appointment, 182, 1017, 1453
 Foster, D. R., degree, 816
 Foster, F. W., appointment, 78, 694, 911, 1450
 Foster, G. N., appointment, 154, 989, 1445
 Foster, George R., appointment, 121, 508, 673, 954
 resignation, 1530
 Foster, George Rudolph, degree, 816
 Foster, J. B., appointment, 76, 694, 909
 Foster, J. C., degree, 1400
 Foster, J. D., degree, 582
 Foster, J. K., certificate, 1329
 Foster, J. R., appointment, 282, 1119
 Foster, Joanne C., degree, 1560
 Foster, Lorraine M., degree, 805
 Foster, R. B., degree, 1394
 Foster, Robert Leroy, degree, 1554
 Foster, Robert Lincoln, degree, 1385
 Foster Lumber Co., purchase, 342
 Foulk, Nancy C., appointment, 260, 1096
 Foundation, University, auditors, employed, 518, 1420
 budget, 171, 1006
 funds, use for purchase of property for University, 1325
 gift, 1211, 1214, 1216, 1468, 1472
 Foundation walls, houses without basements, study, 33
 Four-H Club Memorial Camp, tents, rental, 613
 Fouts, Mary J., degree, 1564
 Fowler, E. B., appointment, 357, 1186
 Fowler, E. F., appointment, 644, 1192
 Fowler, R. E., degree, 1549
 Fowler, V. J., appointment, 1225
 degree, 792
 discovery, patent rights, negotiations, 1513
 Fox, B. W., appointment, 1313
 degree, 831
 Fox, E. F., degree, 453
 Fox, Edward J., certificate, 771
 Fox, Erwin J., degree, 818
 Fox, G. A., certificate, 842
 Fox, H. W., appointment, 107, 570, 941
 Fox, Irene M., degree, 1557
 Fox, J. R., degree, 1571
 Fox, K., appointment, 1377
 Fox, M. C., degree, 1393
 Fox, Mrs. Mary A. G., appointment, 331, 1172
 Fox, Mary J., degree, 807
 Fox, Mrs. Maude E., appointment, 1109
 Fox, Merilyn A., fellowship, 681
 Fox, N., appointment, 359, 1187
 Fox, N. H., appointment, 357, 1186
 Fox, Patricia J., appointment, 291
 Fox, R. C., fellowship, 512, 677, 876, 1480
 resignation, 777
 Fox, Robert E., degree, 452
 Fox, Ronald E., degree, 1571
 Fox, R. G., degree, 804

- Fox, R. O., degree, 1554
 Fox, R. W., degree, 597
 Fox, S., appointment, 248, 508, 701, 1077, 1086, 1457
 Fox, T. A., appointment, 207, 1043
 gift, 556, 1219
 Fox, Thelma B., appointment, 179, 1015
 resignation, 878
 Foy, Dorothy M., degree, 1576
 Foyer, Jean E., degree, 1561
 Fraenkel, G., degree, 1557
 Fraenkel, G. S., appointment, 77, 910, 1499
 research, gift, 548
 Frajola, W. J., degree, 450
 Frale, C. W., certificate, 1330
 Francis, J. H., Jr., degree, 821
 Francis, Jane F., degree, 1395
 Francis, P. R., appointment, 282, 1118
 Franck, H. W., degree, 828
 Francke, P., Jr., appointment, 362, 1191, 1377
 Francke, W., appointment, 362, 1191
 Frandsen, G. L., degree, 804
 Frank, A., degree, 418
 Frank, A. E., degree, 815
 Frank, A. J., degree, 1281
 Frank, A. R., degree, 1571
 Frank, Barbara B., degree, 810
 Frank, Evelyn, appointment, 243, 870, 1082
 Frank, H. M., degree, 798
 Frank, J. W., Jr., degree, 821
 Frank, R. L., appointment, 72
 declination, 403
 Frank, S. S., degree, 1565
 Frank, Stella M., appointment, 268, 1104
 Frankel, Barbara B., degree, 408
 Frankel, Corrine, degree, 825
 Frankel, H. H., fellowship, 1352
 Frankel, J. J., appointment, 355
 Frankel, J. L., degree, 816
 Frankel, J. M., degree, 830
 Frankel, Joan B., degree, 1397
 Frankel, M., appointment, 1459
 Frankel, S., appointment, 132
 resignation, 403
 Frankenberg, R. E., degree, 1395
 Franklin, G. A., degree, 810
 Franklin, H. B., degree, 815
 Franklin, Hope, fellowship, 679
 declination, 683
 Franklin, I. R., appointment, 280, 1115
 Franklin, K. J., appointment, 461, 915, 971
 Franklin, L. L., appointment, 283, 1119
 Franklin, M., appointment, 1254
 Franklin, T. R., degree, 1237
 Franklin, W. G., degree, 805
 Franks, D. A., fellowship, 1484
 Franks, G. B., insurance purchased, 711
 Frantz, Mrs. Doris M., appointment, 1313
 Frantz, R. W., Jr., appointment, 183
 degree, 785
 resignation, 403
 Franz, J. E., degree, 809
 Franz, R. E., degree, 421
 Franzblau, S. A., appointment, 354, 445, 1225
 degree, 829
 Franzus, Bettylene W., degree, 420
 Frase, Lois M., degree, 825
 Fraser, J. W., certificate, 1330
 Fraser, R. S., fellowship, 1483
 Frasier, Jeannette, appointment, 329, 1171, 1188
 Frauenfelder, H. E., appointment, 1377
 Frayn, L. W., certificate, 1357
 Frazer, H. W., degree, 1248
 Frazer, W. J., degree, 1397
 Frazier, Barbara, degree, 1541
 Frazier, C. A., appointment, 300, 1137
 Frazier, J. A., degree, 1565
 Frazier, J. E., degree, 1546
 Frazier, J. H., degree, 1241
 Frazier, R. B., Jr., degree, 1546
 Frazier, R. P., appointment, 392, 644, 981
 Freda, V. C., appointment, 206, 1041
 Frederick, Mrs. Betty L., appointment, 1099
 Frederick, K. J., appointment, 288, 1124
 Frederick, Mrs. Marian A., appointment, 259, 1095
 Fredrick, E. E., Jr., degree, 591
 Fredrickson, D. R., degree, 1249
 Fredrickson, F. O., appointment, 353, 1181
 Fredrickson, L. T., degree, 1546
 Freeark, Mrs. Betty A., appointment, 319, 1158
 Freeark, G. L., degree, 826
 Freebairn, Mrs. Marjorie G., appointment, 1131
 Freed, P. W., fellowship, 876
 Freedman, Janet D., degree, 1559
 Freeman, D. W., degree, 810
 Freeman, Helen A., appointment, 263, 1099
 Freeman, J. P., degree, 1240
 fellowship, 677
 declination, 683
 Freeman, Mrs. Lyle P., appointment, 1104
 Freeman, R. A., degree, 595
 Freeman, R. E., appointment, 909
 Freeman, R. F., degree, 810
 Freeman, Mrs. Ruth C., appointment, 109, 115, 120, 942, 948, 953
 Freeman, S. M., degree, 416
 Freeman, T. J., degree, 828
 Freeman, Virginia L., appointment, 161, 996
 Freeman, W., degree, 823
 Freemyer, G. W., degree, 449
 Freer, Louise, appointment, 161, 996
 Freese, Mrs. Esther E., appointment, 263, 1099
 Freezer, purchase, Bacteriology, Medicine, 670
 Food Technology, 670
 Freidel, F. B., Jr., appointment, 79, 912
 Freier, E. W., certificate, 41
 Freilich, E. B., appointment, 353, 1181
 Freiling, J., degree, 789
 Freireich, E. L., appointment, 1183
 Freireich, S. R., degree, 1561
 Freis, Mary A., degree, 800
 Freiz Instrument Division, Bendix Aviation Corp., purchase, 1521
 Frelk, G. R., degree, 585
 French, appropriations, balances reappropriated, 37, 1196
 budget, 77, 266, 910, 1102
 summer session, 694, 1450
 fellows, 680, 1483
 head of department, appointment, 1358
 French, C. T., degree, 816
 French, Margaret, appointment, 75, 693, 908, 1449
 French, R. R., degree, 802
 Frerichs, N. F., degree, 418
 Freshman Week, budget, 66, 899
 Freud, B. B., appointment, 243, 644, 1458
 Freudenthal, A. M., appointment, 392, 970
 Frey, H. B., degree, 587
 Frey, H. J., appointment, 249, 1087
 degree, 1245
 Frey, J. R., appointment, 79, 912, 1450
 leave of absence, 604
 Frey, P. H., degree, 808
 Frey, R. B., degree, 416
 Frey, Mrs. Uva G., appointment, 508, 936, 947
 Frey, W. G., degree, 597
 Freyermuth, Jean V., degree, 819
 Freyermuth, W. J., degree, 588
 Friberg, C. R., Jr., degree, 821
 Frick, Mrs. Frances C., appointment, 1111
 Fricke, A. F., appointment, 508, 1183
 Fricke, F. E., degree, 1568
 Fricke, Nancy A., degree, 1554
 Friday, Dorothy E., diploma, 1575
 Friduss, A. J., degree, 810, 1539

- Fried, J. J., degree, 799
 Friedberg, A. L., appointment, 123, 1225
 declination, 403
 degree, 1533
 fellowship, 46, 401, 876
 Friedberg, S. A., appointment, 359, 1187
 Friede, Joann R., degree, 1557
 Friederich, A. G., appointment, 128, 963
 Friedlander, H. Z., degree, 1533
 Friedlen, D. M., appointment, 1452
 Friedman, A. W., degree, 1558
 Friedman, D. J., degree, 805
 Friedman, D. L., degree, 798
 Friedman, E. A., appointment, 359, 1188
 Friedman, E. L., degree, 1564
 Friedman, G., certificate, 1178
 Friedman, G. M., degree, 1545
 Friedman, H. S., degree, 419, 824, 1574
 Friedman, Harriette, appointment, 314
 Friedman, Libby, degree, 1395
 Friedman, M. E., fellowship, 776, 1482
 Friedman, Marvin H., appointment, 1477
 Friedman, Morris H., degree, 1576
 Friedman, Morton H., degree, 824, 1574
 Friedman, R., degree, 420
 Friedman, R. S., fellowship, 682
 Friedman, Mrs. Stella, appointment, 1170
 Friedrich, R., degree, 1576
 Friemel, W. J., Jr., degree, 1396
 Friend, Mrs. Lester M., appointment, 256,
 1092
 Fries, Carol C., degree, 800
 Fries, G. T., degree, 1558
 Fries, J. A., degree, 1398
 Fries, Veronica, appointment, 323, 1146
 Frigidaire Sales Corp., purchase, 712, 768,
 1494
 Frisch, J. W., degree, 419, 1571
 Frisk, Joann B., degree, 1560
 Frison, Patricia A., degree, 816
 Frith, D. E., appointment, 1527
 Fritts, G. G., degree, 1564
 Fritz, Adelaide, appointment, 10
 Fritz, H. W., degree, 1561
 Fritz, L. J., degree, 587
 Fritz, O. E., degree, 1392
 Friz, C. T., degree, 591
 Froberg, M. L., degree, 586
 Froeb, H. F., appointment, 1349
 Froehlich, G. J., appointment, 59, 892, 1272
 Froehlich, H. E., degree, 578
 Froehling, R. V., degree, 821, 1548
 Froelke, Henrietta, appointment, 8
 Froelich, G. E., certificate, 842
 Froeschle, Mildred, appointment, 324
 Froeschle, R. P., degree, 826
 Froetscher, L. P. W., degree, 826
 Fromm, A. H., appointment, 445
 declination, 448
 Fromm, P. O., degree, 1286
 Frommherz, C. J., appointment, 1225
 Frooman, S. B., degree, 597
 Frozio, E. T., degree, 1543
 Frost, G., appointment, 334, 1176
 Frost, Sally J., degree, 812
 Frostbite, study, contract, 610
 Frothingham, C. W., appointment, 392
 Frued, B. B., appointment, 1082
 Fruit crops, advisory committee, 1195
 Fry, C. E., degree, 790
 Fry, Esther R., degree, 1244
 Fry, F. J., appointment, 128, 962
 discovery, patent rights, release, 1514
 release to Navy, 1513
 Fry, Mrs. Mary J., appointment, 278, 1114
 Fry, Mary R., degree, 1386
 Fry, P. D., degree, 795
 Fry, Mrs. Ruth B., discovery, patent rights,
 negotiations, 1513
 Fry, W. J., appointment, 127, 962, 1423
 discovery, patent rights, negotiations, 1513
 release, 1259, 1514
 release to Navy, 1513
 Fryburger, V. R., Jr., appointment, 166, 1002,
 1451
 Frye, B. J. C., appointment, 76
 resignation, 448
 Frye, K. H., degree, 422
 Frye, L. M., degree, 589
 Fryer, R., appointment, 1129
 Fryman, L. R., appointment, 104, 119, 938,
 953
 degree, 453
 Fryman, V. J., appointment, 1120
 Fuchs, J., appointment, 445, 870
 resignation, 1382
 Fuchs, L. W., degree, 422
 Fuchs, Mrs. Rose, appointment, 295
 Fuelleman, J. R., degree, 417, 788
 Fuelleman, Mrs. Mary L., appointment, 1132
 Fuelleman, R. F., appointment, 99
 Fuelleman, R. W., degree, 1554
 Fuel oil, purchase, Aeronautical Engineering,
 375
 Aviation, 375, 1264
 Chicago Undergraduate Division, 31, 852
 Physical Plant, 501, 853
 Residence Halls, 31, 1206
 Fuel storage tank, Abbott Power Plant, con-
 tract, 658
 Fuener, R. R., degree, 597
 Fujimoto, J., degree, 804
 Fujimoto, Mrs. Natsue, appointment, 1145
 Fujita, Jessie, appointment, 1272
 Fukami, Marguerite, appointment, 333
 Fukuda, F., degree, 1547
 Fukuda, M., degree, 597
 Fukuto, T. R., appointment, 445
 Fulk, B. E., appointment, 1225
 Fulk, Mrs. Mary L., appointment, 1129
 Fulkerson, J. R., member of advisory com-
 mittee, 1194
 Full and Removable Partial Dentures, budget,
 217, 313, 1054, 1151
 Fuller, E. G., resignation, 403
 Fuller, F. M., degree, 1393
 Fuller, G., degree, 789
 fellowship, 677
 Fuller, G. G., degree, 798
 Fuller, H. J., appointment, 71, 147, 904, 983
 Fuller, J. A., Jr., degree, 1281
 resignation, 403
 Fuller, John Bernard, appointment, 241, 702,
 1081, 1457
 Fuller, John Burt, appointment, 208, 729,
 1044, 1065
 Fuller, J. R., appointment, 1137
 degree, 1240
 Fuller, Jeanne A., degree, 1554
 Fuller, Mrs. Patricia G., appointment, 1133
 Fulmer, R. W., fellowship, 1480
 Fulrath, Mrs. Marilyn M., appointment, 289,
 1125
 degree, 793
 Fulrath, R. M., degree, 789
 Fulton, C. D., degree, 1245
 Fulton, J. R., degree, 819
 Fulton, Mrs. Patricia A., appointment, 256
 Fulton, R. L., degree, 589
 Fults, Janet R., degree, 819
 Fultz, Mrs. Sarah M., appointment, 445, 897
 Fume hood, purchase, Chemistry, 766
 Physical Plant, 501, 712
 Fumi, F. G., appointment, 392
 resignation, 572
 Funderburk, W. H., degree, 1569
 fellowship, 401
 Funds, investment, 1291
 Fung, P., degree, 1400

- Fungicidal properties, chemicals and composition of matter for, study, contract, 769
- Fungicides, research, contract, 769
gift, 553, 1213, 1470
change, 1417
- Funk, D. L., degree, 810, 1545
- Funk, Donna, appointment, 1150
- Funk, Sara, degree, 805
- Funk, W. M., fellowship, 681
declination, 683
- Funke, Mrs. Loretta P., appointment, 320
- Funnell, J. W., appointment, 357, 1185
- Fuqua, Mary E., appointment, 1178
- Furie, S. I., degree, 810
- Furlow, W. F., appointment, 323, 1165
- Furman, W. J., degree, 1551
- Furnaces, purchase, Aviation, 31
Residence Halls, 31
- Furnas, Mrs. Elizabeth W., appointment, 8, 319, 1158
- Furniture, Research and Educational Hospitals, purchase, 670
- Furr, P. M., degree, 1536
- Furstenau, B. W., degree, 1389
- Furtak, C. A., Jr., degree, 587
- Furuta, W. J., appointment, 201, 1037
- Fuson, R. C., appointment, 72, 905
leave of absence, 1408
- Fussell, T. F., degree, 813
- Futral, S. M., Jr., appointment, 1506
- Gaa, C. J., appointment, 139, 974
- Gabbe, J. D., degree, 795
- Gabis, S. T., appointment, 244, 392, 703, 1083, 1458
- Gabler, I. L., certificate, 1329
- Gabriele, Beatrice J., degree, 1400
- Gadbury, C. A., appointment, 291, 1127
- Gadd, N. R., fellowship, 1352
- Gaddey, R., Jr., degree, 813
- Gaddis, E. A., degree, 581
- Gaebe, O. F., appointment, 119, 393, 952
- Gaede, W. C., certificate, 1337
- Gage, Mrs. Jeannet, appointment, 330, 1172
- Gage, L. E., appointment, 393, 939
resignation, 1233
- Gage, M., appointment, 1349
- Gage, N. L., appointment, 151, 508, 986
leave of absence, 475, 513
- Gaggioli, F. J., degree, 817
- Gagnon, J. A., appointment, 218, 219, 1054, 1055
- Gagola, L. J., degree, 1395
- Gaier, E. L., appointment, 393, 692, 1225, 1349
- Gailey, W., member of advisory committee, 562
- Gainer, R. C., degree, 1561
- Gaines, R. B., appointment, 364, 1193
- Gaines, W. L., appointment, 103
- Gaines Hardwood Lumber Co., purchase, 469, 557, 615, 712, 838
- Gaither, M. P., degree, 798
- Galanis, Mrs. Rosalie, appointment, 1159
- Galavan, T. E., appointment, 326
- Galbraith, C. L., degree, 798
- Galbraith, M. J., appointment, 199, 1034
- Gale, E. T., degree, 419
- Gale, R. R., degree, 798
- Galer, P. C., degree, 1564
- Galesburg Undergraduate Division, appropriations, balances reappropriated, 40
- Galka, F. W., Jr., degree, 594
- Gallagher, C. A., appointment, 333, 1174
- Gallagher, F. A., certificate, 842
- Gallagher, Leonta C., degree, 808
- Gallagher, T. E., certificate, 41
- Gallaher, D. M., appointment, 1186
- Gallaher & Speck, Inc., contract, 24, 339, 658, 1290, 1414, 1496
- Gallen, W. M., Jr., degree, 424
- Gallenbach, R. J., degree, 1551
- Gallicchio, V., degree, 1246
- Galloway, Clarisse, appointment, 8
- Galloway, E. C., fellowship, 677
declination, 683
- Galloway, Helen B., appointment, 324, 1162
- Galluzzo, R. N., degree, 1562
- Galpin, Audrey, appointment, 76, 909
- Galt, R. M., appointment, 354, 1182
- Galus, J., degree, 820
- Galvin, Mrs. Barbara G., appointment, 293, 1130
- Galvin, J. A., appointment, 362, 1190
- Galvin, R. W., degree, 822
- Galvin, Mrs. Sally, appointment, 306, 1142
- Galvin fellowship, gift, 1212, 1468
- Gambino, J. J., degree, 421, 1247
- Gambino, Mrs. Johanna M., appointment, 292, 1128
- Gamble, W. E., appointment, 271
- Gamergent, research, gift, 552
- Gamet, D. M., certificate, 1292
- Gammill, H. L., appointment, 174, 179, 1009, 1014
- Gammon, Anna, appointment, 1153
- Gamsu, R. C., degree, 815
- Ganczewski, Joan C., degree, 1557
- Gang, J. E., degree, 587
- Angeness, L. G., degree, 826
- Ganger, Mabel G., appointment, 673, 1307
- Gangichiodo, R. J., degree, 810
- Gannaway, M. D., appointment, 280, 1115
- Gannon, N., appointment, 445
degree, 582
- Gans, B., degree, 830
- Ganschow, D. C., degree, 585
- Ganschow, G. L., degree, 798
- Ganschow, R. E., degree, 1549
- Ganslen, R. V., appointment, 160, 697, 994
- Gansloser, C. J., certificate, 41
- Gant, V. A., appointment, 209, 1046
leave of absence, 1334
- Ganzhorn, Betty J., appointment, 237
cancellation, 478
- Gara, Mrs. Lily C., appointment, 183, 1018
- Garafalo, Ann, appointment, 1160
- Garb, B., degree, 818
- Garbacz, M. L., degree, 802
- Garbe, Eleanor, appointment, 257, 1094
- Garber, M. J., degree, 423
- Garcia, Baciliza J., diploma, 1575
- Gard, L. E., appointment, 93, 927
- Gardiner, J. A., appointment, 353, 1181
- Gardner, A. S., degree, 1238
- Gardner, F. M., fellowship, 1482
declination, 1487
- Gardner, G. F., certificate, 1178
- Gardner, G. J., appointment, 279
- Gardner, H. A., Laboratory, Inc., purchase, 612
- Gardner, J. L., degree, 805
- Gardner, Janet L., degree, 812
- Gardner, K. E., appointment, 104, 937
- Gardner, L. P., appointment, 1377
- Gardner, Mrs. Lillian C., appointment, 331, 1173
- Gardner, M. L., appointment, 1377
- Gardner, M. Luella, appointment, 10, 1307
- Gardner, Mary M., degree, 805
- Gardner, Mary V., appointment, 1225
degree, 1388
- Gardner, W. L., appointment, 393
resignation, 731
- Gareiss, G. A., degree, 587
- Garfinkel, M., degree, 810
- Garfinkle, P. G., certificate, 1330
- Garland, J. H., appointment, 78, 911
leave of absence, 604
- Garland, R., Jr., degree, 1564
- Garling, Martha J., degree, 1399
- Garman, J. A., degree, 1551, 1553

- Garman, P. L., appointment, 174, 178, 1009, 1014
 Garner, Mrs. James W., gift, 473, 523
 Garner, L., appointment, 358
 Garner, Mrs. Lucille Y., appointment, 262
 Garneski, T. M., resignation, 46
 Garoian, G., degree, 796
 Garrard, Fredericka S., degree, 409
 Garrard, S., appointment, 208, 1045
 Garrels, R. E., degree, 813
 Garret, M. R., appointment, 160, 995
 Garretson, R. L., appointment, 1225
 Garrett, Catherine, appointment, 1121
 Garrett, H. A., degree, 1241
 Garrett, L. P., Jr., degree, 792
 Garrey, J. J., Jr., degree, 1248
 Garrie, S., degree, 824, 1574
 Garrigus, U. S., appointment, 102, 936
 Garrison, C. O., degree, 1546
 Garrison, E. E., appointment, 130
 resignation, 878
 Garrison, H., appointment, 362, 393, 1191
 Garrison, I. K., appointment, 43
 degree, 414
 Garrison, J. F., degree, 798
 Garrison, L. K., certificate, 1337
 Garrison, Mrs. Lucille, appointment, 328
 Garrison, T. C., degree, 816
 Garrity, J. T., degree, 1554
 Garside, E., appointment, 363, 1192
 Gartman, W. M., degree, 1554
 Gartner, B. D., degree, 1399
 Garver, Willia K., appointment, 168, 183, 1003, 1018
 Garvey, Catherine, degree, 791
 Garvey, J. C., appointment, 157, 697, 991, 1452
 Garvey, N. F., appointment, 82, 176, 698, 916, 1011, 1454, 1477
 Garvin, J. S., appointment, 570, 1040
 Gary, A. M., degree, 408
 Garza, J. A., degree, 1562
 Gaschler, R. J., degree, 1563
 Gaschler, Mrs. Violet C., appointment, 257, 1094
 Gash, V. W., fellowship, 677, 731
 Gasoline, purchase, Aviation, 468, 711, 1327
 Physical Plant, 501, 711, 1305
 Gasper, R. D., degree, 1284
 Gas regulators, housing units, contract, 839
 Gas service, Chicago Undergraduate Division, contract, 610
 Urbana, extension, contract, 368, 463
 release of funds, 433
 Gasser, E. B., degree, 1238
 Gaston, J. R., appointment, 673, 959, 1477
 Gastric mucosa, research, gift, 1217
 Gasul, B. M., appointment, 360, 445, 1189
 Gates, C. E., contract, 848, 863, 1203, 1260, 1415
 adjustment, 1209, 1264, 1306, 1345, 1361, 1417, 1465, 1522
 change, 1495
 Gates, D. L., degree, 585
 Gates, E. N., degree, 411
 Gates, Mrs. Juanita, appointment, 273, 1109
 Gates, W. F., Jr., degree, 1567
 Gathercoal, E. N., appointment, 220, 1057
 Gatto, F. R., appointment, 332, 1174
 Gaudas, LaVerne X., degree, 828
 Gauger, D. M., degree, 804
 Gaughan, J. P. M., degree, 1552
 Gaughan, Mary A., appointment, 327, 1169
 Gaukroger, Lucille A., appointment, 11, 1308
 Gaulke, Nora M., appointment, 9
 Gaumer, Barbara S., degree, 419
 Gaumer, D. R., degree, 1395
 Gaumer, E. W., degree, 804
 Gausman, H. W., degree, 1533
 Gavert, C. E., degree, 597
 Gavin, W. J., degree, 1565
 Gawlak, R. J., degree, 801
 Gay, Greta P., appointment, 871, 1349
 resignation, 1501
 Gay, H. B., appointment, 1152
 Gay, J. H., fellowship, 681
 declination, 683
 Gayda, Patricia, appointment, 305
 Gaydos, Delores O., degree, 1560
 Gaydos, Mrs. Dorothy, appointment, 328
 Gazarek, C. V., appointment, 322, 1164
 Gearien, J. E., appointment, 221, 1058
 Gearing, A., degree, 1248
 Geary, D. M., degree, 1551
 Gebhardt, E. J., degree, 1241
 Gebhart, H. C., appointment, 65, 898
 Gebuhr, C. A., appointment, 1313
 Geckler, B. T., Jr., degree, 1570
 Gedvilas, L. L., appointment, 249, 702, 1087, 1458
 degree, 416
 Geeding, Mrs. Dona M., appointment, 1170
 Geeding, W. L., degree, 419
 Gehrke, Helen, appointment, 325, 1166
 Geiger, E. Elizabeth, appointment, 9, 1307
 Geiler, Mrs. Irene W., appointment, 260
 Geiler, R. S., appointment, 1349
 degree, 1394
 Geipel, L. E., degree, 809
 Geisler, R. P., degree, 785
 Geisse, Nancy, appointment, 1313
 Geissendoerfer, J. T., appointment, 78, 694, 911
 Geist, J. R., degree, 1248
 Geist, R., appointment, 1477
 Geister, Mrs. Bernice, appointment, 317
 Geister, R. S., degree, 829
 Gelatin, intravenous, research, gift, 1216
 Gelatin sponge in surgery, research, gift, 1219
 Gelboim, H. V., degree, 805
 Geldard, Mrs. Winifred B., appointment, 248, 1087, 1457
 Gelfand, S., fellowship, 677, 1480, 1529
 Geller, A. D., degree, 1564
 Geller, H. C., degree, 1385
 Geller, U. A., degree, 802
 Gell-Mann, M., appointment, 871
 Gelman, C. A., certificate, 41
 Gelperin, J., appointment, 1190
 Geltner, B. B., degree, 591
 Gemberling, Dorothy E., degree, 1559
 Gemberling, R. P., certificate, 41
 Gempler, E. B., degree, 795
 Genaze, M. R., degree, 1571
 Genaze, Mrs. Mary, appointment, 334
 General Accident Assurance Corp., insurance purchased, 501
 General Aniline & Film Corp., gift, 1468
 General Assembly, biennial inspection, 685
 legislation affecting the University, report, 868
 General Chemical Co., purchase, 852, 1520
 General Chemical Stores, purchase, acids, 852
 chemicals, 852, 1520
 glassware, 526, 838, 1206, 1520
 laboratory apparatus, 852, 1520
 laboratory equipment, 467, 525
 mantles, 671
 porcelain ware, 526
 General Detroit Corp., purchase, 32
 General Electric Co., contract, 25, 369
 gift, 765
 stock, sale, 834
 General Electric Supply Co., purchase, 558
 General Electric Supply Corp., purchase, 526
 General Electric X-ray Corp., purchase, 710, 1206
 General engineering, curriculum, changes, 1410

- General Engineering Drawing, appropriations, balances reappropriated, 37, 1197
 budget, Chicago Undergraduate Division, 246, 332, 1085, 1174
 Urbana, 128, 280, 962, 1116
 summer session, 694, 1450
 General Farm Appliance Co., purchase, 670
 General Foods, stock, sale, 835
 General Insurance Co., insurance, purchase, 32, 1466
 General Motors Corp., Chevrolet Division, gift, 1331
 General Paving Co., contract, 33, 463, 528, 608, 659, 839
 addition, 660, 708, 864
 General Planing Mill Co., purchase, 1304
 General Policy Committee, Arcade Building, lease of restaurant space, 1503, 1525
 Illini Union Bookstore, consideration, 1270, 1523
 law scholarships, 843, 1220
 letter of D. L. Kemmerer, Commerce controversy, report, 867
 matters of Board policy, consideration, 772
 letter of J. H. Lyle, broadcasts of Quincy Howe, report, 866
 matters of Board policy, consideration, 772
 UNESCO activities of President Stoddard, report, 867
 members, 603, 1405
 policy and rules relating to nonacademic employees, amendment, 1517
 tax status of University properties, 1270, 1331
 use of University premises for political meetings, 4
 General Products Co., purchase, 526
 General Radio Co., purchase, 341
 General Studies, Division of, appropriations, balances reappropriated, 37
 area for study of stars and planets, construction, appropriation, 611
 contract, 660
 budget, 74, 266, 907, 1102
 summer session, 1450
 Generator, Abbott Power Plant, contract, 436, 544
 Physics, purchase, 341, 611
 Genetics, small animal building, contract, adjustment, 1361, 1417
 Genetti, B. K., degree, 1393
 Genewitch, A., degree, 1563
 Geng, Dorothea, appointment, 1173
 Gengler, Dorothy J., degree, 1537
 Genovese, Lorraine, appointment, 309
 Gent, W. R., certificate, 41
 Gentes, E. F., degree, 411
 Gentry, D. L., appointment, 140
 degree, 1384
 Gentry, R. E., appointment, 256, 1094
 Genung, E. N., appointment, 265, 1101
 Genung, M. W., appointment, 297, 1134
 Geography, appropriations, balances reappropriated, 37, 1196
 budget, 78, 266, 910, 1102
 summer session, 694, 1450
 cartographic equipment, appropriation, 654
 fellows, 680, 1483
 map projector, purchase, 710
 storeroom, contract, adjustment, 866, 1361, 1521
 Geology, appropriations, balances reappropriated, 37, 38
 budget, 78, 266, 911, 1102
 summer session, 694, 1450
 fellows, 680, 1483
 fellowship, gift, California Co., 1468
 Illinois Clay Products Co., 549, 1468
 National Lead Co., Baroid Sales Division, 549, 1468
 Shell Fellowship Committee, 549, 1212
 Geology, cont'd
 purchase, kiln, 467
 laboratory equipment, 467
 microscopes, 30, 341
 mineral specimens, 341
 storage cases, 500, 1416
 X-ray equipment, 710
 remodeling, appropriation, 23
 X-ray equipment, appropriation, 655
 Georgacopoulos, G. S., degree, 420
 George, A. C., certificate, 603
 George, Carol D., degree, 1560
 George, Etta J., degree, 805
 George, Mrs. Frances E. W., appointment, 271
 degree, 578
 George, J. F., degree, 801
 George, J. R. H., degree, 1567
 George, Olive, appointment, 323, 1165
 Georges, Helen, degree, 589
 Georges, J., Jr., degree, 808
 Georges, R. H., degree, 1570
 Georgia Power Co., bonds, purchase, 1291
 Gephardt, Sarah L., appointment, 210, 229
 declination, 403
 Gerard, Margaret W., appointment, 508, 1190
 Gerardo, A. H., degree, 1243
 Gerber, C. A., appointment, 274, 1110
 Gerber, Charlotte C., degree, 1550
 Gerchalk, J. G., degree, 419
 Gerdemann, J. W., appointment, 100, 933
 Gerdes, Carolyn L., appointment, 276, 1112
 Gerhart, R. L., degree, 811
 Gerichs, Charlotte L., appointment, 277, 1113
 Gerlach, C. G., certificate, 1329
 Gerlach, Elsie, appointment, 217, 1057
 Gerlach, J. L., degree, 591
 German, budget, 78, 266, 911, 1103
 summer session, 694, 1450
 fellows, 680, 1483
 Germano, Joan M., degree, 817
 Germino, D. L., fellowship, 1485
 declination, 1487
 Gernon, Ellen A., degree, 811, 1545
 Gernon, G. D., Jr., degree, 1285
 Gerrie, C. L., Jr., degree, 594
 Gersch, Mrs. Beatrice E., appointment, 256, 1093
 Gersey, Darlene L., degree, 589
 Gershbein, L. L., appointment, 774, 1038
 Gershon, J. S., degree, 797
 Gerstein, M. M., degree, 815
 Gerth, Betty, appointment, 1094
 Gerth, Jean A., appointment, 1119
 Gerty, F. J., appointment, 211, 1047
 member of advisory committee, 562
 Gerut, S. J., degree, 1248
 Gerzetic, R. M., degree, 588
 Gesner, Flora P., appointment, 1308
 Getman, Faye A., degree, 1249
 Gettmann, R. A., appointment, 75, 871, 908
 leave of absence, 684, 1407
 Getty, A. H., degree, 414
 Getz, M. G., degree, 1248
 Getz, Norma J., degree, 817
 Getz, R. J., appointment, 273, 1109
 Chandhi, S. K., degree, 782
 Gher, Mrs. Anne N., appointment, 142, 977
 Gher, R., Jr., degree, 1533
 discovery, patent rights, negotiations, 1514
 fellowship, 877, 1231
 Ghinazzi, Bernice, appointment, 309, 1147
 Gholson, W. R., degree, 411
 Gianasi, C., degree, 1395
 Gianasi, C. A., appointment, 43, 354, 1183
 Gianturco, M., fellowship, 1481
 Gibala, E. S., degree, 1548
 Gibb, R. D., degree, 1247
 Gibbons, J. E., certificate, 1254
 Gibbs, Mrs. Erna L., appointment, 211, 1041
 Gibbs, F. A., appointment, 211, 1041, 1313
 Gibbs, J. L., degree, 1571
 Gibbs, P. G., appointment, 1225

- Gibbs, R. B., degree, 1563
 Gibbs, R. E., degree, 822, 1571
 Gibson, C., appointment, 1142
 Gibson, D. M., appointment, 393
 fellowship, 877
 resignation, 878, 1279
 Gibson, F. W., degree, 823
 Gibson, G. G., appointment, 393
 resignation, 572
 Gibson, G. L., Jr., degree, 1401
 Gibson, H. D., fellowship, 1352
 Gibson, Marjorie, appointment, 327, 1169
 Gibson, R., appointment, 141, 976
 Gibson, R. E., degree, 826
 Gibson, R. J., certificate, 842
 Gibson, W. A., appointment, 7, 43, 917
 resignation, 1530
 Gican, Mrs. Linda, appointment, 320, 1155
 Giddings, N. C., appointment, 393
 Gielow, H. L., degree, 592
 Gierke, Mrs. Elaine H., appointment, 1165
 Gies, R. J., appointment, 1173
 Giese, Dorothy E., degree, 800
 Gieseke, W. K. H., appointment, 79, 694
 Gieseking, J. E., appointment, 98, 932
 Giesler, Marjorie J., appointment, 264, 1100
 Giffin, G. D., degree, 1552
 Gifford, C. K., appointment, 294, 1131
 Gifford, Mrs. Cornelia S., appointment, 331
 Gifford, Grace M., appointment, 261, 1097
 Gifford, Mrs. Mabel R., appointment, 1097
 Gift funds, budget, summary, 56, 196, 889, 1031
 Agriculture, 91, 924
 Commerce, 137, 973
 Communications, 1001
 Dentistry, 214, 1051
 Education, 143, 978
 Engineering, 121, 954
 Extension Division, 173, 1008
 Fine and Applied Arts, 152, 987
 Liberal Arts and Sciences, 70, 902
 Library, 187, 231, 1022
 Medicine, 200, 1036
 Pharmacy, 222, 1059
 Physical Education, 158, 993
 Research and Educational Hospitals, 226, 1063
 Small Homes Council, 180, 1015
 Veterinary Medicine, 162, 997
 Gifts, list, 547, 1210, 1467
 Abbott Laboratories, 551, 1213, 1214, 1471
 Advertising Executives Club of Chicago, 1210, 1467
 Air Foundation, Inc., 1467
 Allerton, R., 1210, 1214, 1467, 1471
 Allied Chemical & Dye Corp., 548, 1468
 Alpha Gamma Delta Sorority, 548
 Alpha Phi Omega, Alpha Alpha Chapter, 1210
 American Cancer Society, Inc., 550, 554, 1213, 1216
 American Cyanamid Co., 548, 1165, 1167, 1213, 1215, 1469
 American Gas Association, 550
 American Heart Association, Inc., 554, 1216
 American Hospital Supply Corp., 551
 American Legion Auxiliary, Department of Illinois, 1467
 American Medical Association, 554, 1472
 American Red Cross, 1216
 American Society of Heating and Ventilating Engineers, 554, 1216
 Amulor Products Co., 1215
 Anderson, Mrs. Margaret, 547
 anonymous, adrenocorticotrophic hormone for use in hay fever research, 555
 Anatomy teaching methods, improvement, 1218, 1473
 Chandler research fund, addition, 1219
 Clinical Science gift fund, 1219, 1473
 Gifts, cont'd
 fellowship to a foreign student in architecture, 1468
 Mooney memorial scholarship fund, 555, 1218
 Occupational Therapy, 1473
 Pediatrics Gift Fund, addition, 1219
 Pediatrics Travel Fund, addition, 1219
 Physical Medicine and Rehabilitation, funds, 1473
 White memorial fund, 1211
 Armour & Co., 552, 1211, 1468, 1471
 Armstrong, Mr. and Mrs. J. H., 551
 Arthritis & Rheumatism Foundation, 1216, 1472
 Art Institute of Chicago, 1214
 Asthmatic Children's Aid, 554, 1216
 Ayerst, McKenna, and Harrison, Ltd., 552
 Barker, W. R., 555
 Bauer & Black, 1215
 Becker, Mrs. K., 1473
 Berkelhamer family, 556, 1473
 Berkman, B., 1219
 Beverly Hills Junior Women's Club, 556
 B'nai B'rith, Women's District Grand Lodge No. 6, 1211
 Borden Co., 548, 553, 1216, 1467
 Boudreau Trust Fund, 547
 Bowman Dairy Co., 1215
 Boyle, M. J., & Co., 550
 Brisbane, S., 551
 Bristol Laboratories, 552, 1215
 Brook Hill Farms, Inc., 547, 1467
 Brown, Mrs. Antoinette F., 1262
 Brunner, J., Memorial Endowment for Research and Advancement in Engineering Education, 550
 Bunn, B. H., 1471
 Burdick Corp., 551
 Burroughs Wellcome & Co., 552
 California Co., 1468
 Campus Chest, 547, 1467
 Carr, G. R., 1210
 Caterpillar Tractor Co., 1214
 Ceco Steel Products Corp., 1467
 Cerebral Palsy Association of Illinois, Inc., 1216
 Champaign County Cerebral Palsy Fund, 1211
 Chapman Chemical Co., 1469
 Chatham United Presbyterian Church, 1216
 Chicago Farmers, 547, 1210
 Chicago Heart Association, 554, 1472
 Chicago Junior League, 554
 Chicago Professional Colleges Women's Auxiliary, 1217
 Chicago Rotary Club Women, 556, 1217, 1474
 Christiansen family, 556
 Christmas Neighbor's Club of Prairie Farmer Station WLS, 556
 Ciba Pharmaceutical Products, Inc., 552
 Cincinnati Chemical Works, Inc., 548, 1211
 Class of 1950, 547
 Clay Adams Co., Inc., 1471
 Columbia-Southern Chemical Corp., 1469
 Commercial Solvents Corp., 1213, 1468, 1471
 Consolidated Cosmetics, 552
 Cook County Forest Preserve District, 1213
 Curtiss Candy Co., 550
 Davis & Geck, Inc., 552, 1471
 Decatur University Club, 548
 Dow Chemical Co., 548, 1212, 1469
 Dube, P. H., 1219
 Duha, Mrs. Sophie, 1219
 Du Pont, E. I., de Nemours & Co., 548, 1212, 1213
 Duvick, N., 550
 E. & J. Manufacturing Co., 1215

Gifts, cont'd

Eastman Kodak Co., 549, 1212
 Eichelbaum, K. L., 1219
 Enger Portrait Fund, 1214
 Engineering Foundation, 1469
 Ethyl Corp., 549, 1212
 Evanston Drama Club, 554, 1472
 Fansteel Metallurgical Corp. employees, 1219
 Farrington, J. D., 1219
 Firestone Tire & Rubber Co., 1212
 Flynn, C. T., Jr., 1219
 Foundation, University, 1211, 1214, 1216, 1468, 1472
 Fox, T. A., 556, 1219
 Garner, Mrs. James W., 473, 523
 General Aniline & Film Corp., 1468
 General Electric Co., 765
 General Motors Corp., Chevrolet Division, 1331
 Gillette Safety Razor Co., 1471
 Glidden Co., 552
 Goodrich, B. F., Chemical Co., 1213, 1469
 Greider, F. C., 1474
 Grunsfeld, E. A., Fund, 549
 Guggenheim, J. S., Memorial Foundation, 553, 1469
 Gulf Mobile, & Ohio Railroad Co., 1210, 1467
 Hackett, Mrs. Jessie E., 372
 Haeger Potteries, 547
 Harnischfeger Corp., 556, 1474
 Harper, Nola B., 551
 Hoffman-LaRoche, Inc., 552, 1471
 Horner, Mr. and Mrs. H. H., 1332
 Hotpoint Co., 551
 Iddings, Mrs. Dorothy, 556
 Illini Achievement Fund, 547, 548, 1467
 Illinois Association for the Crippled, Inc., 547, 1210, 1467
 Illinois Clay Products Co., 549, 1468
 Illinois Coal Strippers Association, 550
 Illinois Congress of Parents and Teachers, 547, 1210
 Illinois Farm Supply Co., 1213
 Illinois Federation of Women's Clubs, 547, 554, 1210, 1216, 1467, 1472
 Illinois Grain Corp., 550
 Illinois Home Bureau Federation, 550
 Illinois Mining Institute, 547, 1467
 Illinois Seed Dealers Association, 1214
 Illinois Seed Producers Association, Inc., 550, 1469
 Illinois Veterinary Practitioners Association, 1216
 Ingold, E., 466
 International Association of Machinists Union, District No. 9, 1213
 International Nickel Co., Inc., 1213
 Inter-University Labor Education Committee, 1469
 Johnson, Mrs. Justus, L., 1471
 Junior League of Chicago, Inc., 554
 Junior Women's Advertising Club of Chicago, 1468
 Jusina, Elsie, 523
 Kagan, H. L., 556
 Kappa Alpha Theta, 1472
 Kay, Dolly, 1219
 Kellogg, W. K., Foundation, 765
 Kiwanis Club of Champaign-Urbana, 548
 Kootz, S. M., 1471
 Kroger Co., 547, 1210
 Lakefield Nepheline Syenite, 549, 1468
 Lakeland Foundation, 553, 1216, 1472
 Lambert, C. N., 556
 Lauhoff Grain Co., 549
 Lederer, F. L., 556, 1219
 Lederle Laboratories, 552, 1215
 Leutwiler Award Committee, 1214
 Life Insurance Medical Research Fund, 554
 Lilly, E., & Co., 549, 550, 552, 1212, 1215
 Lincoln, J. F., Arc Welding Foundation, 547, 1211

Gifts, cont'd

Lincoln Avenue Residence Hall residents, 1468
 Lindsay Light & Chemical Co., 549, 1468
 Lowe, J. A., 1219
 Ludgin, Mr. and Mrs. E., 551
 Lumber Dealers Research Council, 550
 Mallinckrodt Chemical Works, 552, 1471
 Markle Foundation, 553, 1216
 Mathews, W. R., 1468
 Merck & Co., Inc., 1210
 Merrell, W. S., Co., 552
 Merrill Foundation for Advancement of Financial Knowledge, Inc., 1469
 Meyer, M. E., associates of, 1474
 Midlane Farm, 550
 Midwest Barley Improvement Association, 550, 1213
 Miles Laboratories, 552
 Miller, Mrs. C. P., 550, 1213, 1469
 Miller, Cassandra A., estate, 1214
 Miller, L. E., 556, 1219
 Mill Rose Farm, 550
 Minnesota Mining & Manufacturing Co., 1212
 Miskowicz, S. J., 556
 Moews Seed Co., 550
 Mohr, A., Jr., J. S., and L., 1211
 Monsanto Chemical Co., 1468
 Morse, J., Memorial Foundation, 548, 1467
 Mother's Association of the University, 1468
 Motorola, Inc., 1212, 1468
 Mueller, G. F., 1219
 Murphy, F. G., 1219
 Music Research Foundation, Inc., 1213
 Nathan, J. J., 556
 National Academy of Sciences, 548
 Committee on the Marsh Fund, 1212
 National Association of Thoroughbred Breeders, 1211
 National Drug Co., 552
 National Foundation for Infantile Paralysis, 1472
 National Foundation for Medical Education, Inc., 1472
 National Lead Co., Baroid Sales Division, 549, 1468
 Titanium Alloy Manufacturing Division, 1212, 1469
 National Livestock and Meat Board, 1469
 National Oak Wilt Research Committee, 1213
 Neuberger, R. R., 1471
 Nix, Dr. and Mrs. D., 1219
 Norris, L., 1211
 North Electric Manufacturing Co., 1214
 Nutrition Foundation, Inc., 1213
 Nutrition Research Laboratories, 553
 Ohio Chemical Co., 553
 Old Ben Coal Co., 548, 1211, 1468
 Olin Industries, Inc., 1468
 Western Cartridge Division, 549, 1213, 1469
 Ortho Research Foundation, 1213, 1469
 Orton, E., Jr., Ceramic Foundation, 549, 1468
 Oster Manufacturing Co., 553
 Packard, R. K., 1219
 Pan American Refining Corp., 1212, 1468
 Panhellenic Council, 548, 1211
 Payne Fund, 548, 1468
 Peabody Coal Co., 547, 1468
 Pelzmann, L., 1219
 Petter, H. A., Supply Co., 1211
 Pfizer, C., & Co., 553, 1471
 Phi Gamma Psi, 1216
 Phi Beta Phi Local Alumni, 1468
 Pickard, A. E., Coal Co., 547, 1211
 Pierce, Mrs. Kittie B., 548, 1211
 Pi Kappa Lambda, 1211
 Pittsburgh Consolidation Coal Co., 549, 1468
 Poncher, H. G., 556, 1219
 Pope Foundation, Inc., 554, 1472

Gifts, cont'd

Praetorians of Illinois, 1211
 Presser Foundation, 1211
 Procter & Gamble Co., 549, 1212
 Public Service Co. of Indiana, 1472
 Public Service Co. of Northern Illinois, 550, 1470
 Pusey, W. A., Fund, 1219, 1474
 Quaker Oats Co., 550
 Radio Corp. of America, 1468
 Ralston Purina Co., 1212
 Rappaport, B. Z., 556
 Research Corporation, 1213
 Rockefeller Foundation, 554, 1216, 1419, 1470
 Rohm & Haas Co., 1469
 Ruder's Valley View Farm, 1213
 Ruettinger, J. W., 1211, 1219
 Ruhm Phosphate & Chemical Co., 548
 Rusher, F. E., and Dorette J., 607
 Ryerson, E. L., 33
 St. Louis Regional Planning and Construction Foundation, 1469
 Sangamon Electric Co., 1214
 Savitt, L., 556
 Sawyer, Mr. and Mrs. A. W., 1468
 Scientific Manufacturing Co., 551
 Searle, G. D., & Co., 553, 1212, 1215
 Sears-Roebuck Foundation, 548, 1211
 Sharp & Dohme, Inc., 1471
 Shell Fellowship Committee, 549, 1212
 Sigma Delta Chi, 1468
 Sigma Xi, Illinois Chapter, 1212
 Sinai Temple Congregation of Champaign-Urbana, 548, 1211, 1468
 Sinclair Refining Co., 549, 1469
 Skidmore, Owings, and Merrill, 548, 1211
 Smith, Kline, and French Laboratories, 553, 1472
 Socony-Vacuum Laboratories, 1212, 1469
 Sons of Union Veterans of the Civil War, 1211
 Sorensen, G. E., 1471
 Squibb, E. R., & Sons, 553, 1215
 Standard Oil Co. of California, 549, 1212
 Standard Oil Co. of Indiana, 1469
 Standard Oil Co. of Ohio, 1212
 Stein, Elise, estate, 1474
 Stratton, Mrs. Florence W., 556
 Strong, H., Educational Foundation, 549, 1469
 Student Organization Fund, 1211
 Swift & Co., 549, 550, 1212, 1215
 Teagle Foundation, Inc., 1215, 1472
 Tennessee Corp. Research Laboratories, 1213, 1470
 Therapeutic Research Foundation, 554
 Thomas, H. B., 1219
 Toni Co., 553, 1215
 Trees, Mr. and Mrs. M. J., 483, 529 cancelled, 1269
 Turner, H. E., 1219
 United Cerebral Palsy Association, Inc., 1472
 United Engineering Trustees, Inc., 1470
 United Spanish American War Veterans, Department of Illinois Auxiliary, 548
 United States Public Health Service, 550, 554, 1214, 1217, 1470, 1472
 University Concert and Entertainment Board, 1211
 University of Illinois Band Association, 551
 University of Illinois College of Dentistry Alumni Club of New York, 1219
 University of Illinois Library School Association, 1469
 University of Tennessee Library, 550, 1213
 Upjohn Co., 549, 553, 1212, 1216, 1472
 Velsicol Corp., 549, 1212
 Victor Chemical Works, 549, 1213
 VioBin Corp., 551, 553, 1216
 Visking Corp., 549, 1469

Gifts, cont'd

Wander Co., 553
 Weber, Mr. and Mrs. W. S., 1474
 Western Cartridge Co., Division of Olin Industries, 549, 1213, 1469
 Western Electric Co., 1214
 Westinghouse Educational Foundation, 549, 1213, 1469
 Wilson & Co., 1214
 Winthrop-Stearns, Inc., 1216
 Women's Auxiliary of the College of Medicine, 554
 Women's Group System, 1468
 Women's Rotary Club of Chicago, 556, 1217
 Wood, W. L., 1214
 Wright, W. H., 1219
 Wylie, Dr. and Mrs. S. M., 373
 Yarros, V. S., 556, 1474
 Young & Rubicam, Inc., 1471
 Zeta Phi Eta, Tau Chapter, 1212
 Gihring, Lydia, appointment, 8
 Gilbert, B. W., degree, 1395
 Gilbert, E. L., degree, 798
 Gilbert, Josephine, appointment, 8
 Gilbert, Juanita J., degree, 799
 Gilbert, M., degree, 454
 Gilbert, O. G., appointment, 293, 1129
 Gilbert, R., degree, 824, 1574
 Gilbert, R. H., degree, 1247
 Gilbert, W. M., appointment, 60, 83, 892, 916
 Gilbertsen, H. O., degree, 1551
 Gilborne, Jean E., degree, 1244
 Gilchrist, F. W., appointment, 1446
 Gilchrist, R. K., appointment, 362, 1191
 Gilcrest, R. W., degree, 805
 Gilden, M., appointment, 127, 961, 1377
 Giles, L. E., appointment, 1178, 1448
 Giles, W. L., degree, 1574
 Gilford, J. H., degree, 1545
 Giljames, E. H., degree, 424
 Gilkey, H. T., appointment, 130, 965, 1377
 Gill, Billie R., appointment, 151
 resignation, 403
 Gill, H. L., appointment, 160, 994
 Gill, K. L., degree, 824, 1574
 Gill, Katherine T., appointment, 909
 Gillan, R. E., degree, 1247
 Gillaspay, D. W., degree, 1558
 Gillen, Theresa G., degree, 421
 Gillespie, D. A., appointment, 257, 1093
 Gillespie, G. R., degree, 1285
 Gillespie, J. B., member of advisory committee, 563
 Gillespie, O. F., degree, 581
 Gillespie, W. P., degree, 587
 Gillett, C. H., appointment, 248, 1086, 1457
 Gillette, W. H., Jr., certificate, 842
 Gillette Safety Razor Co., gift, 1471
 Gillies, D. B., appointment, 871, 1527
 Gillies, Dee A., appointment, 10, 1307
 Gillies, R. I., degree, 1571
 Gillihet, Ruth, appointment, 323
 Gillin, J. P., appointment, 674
 declination, 683
 Gillis, E. D., certificate, 842
 Gillis, J. W., degree, 1395
 Gillis, Marabeth, appointment, 1118
 Gillogly, R. J., appointment, 267, 1103
 Gillogly, Mrs. Shirley M., appointment, 259
 Gilman, C. F., degree, 786
 fellowship, 680, 1483
 declination, 1487
 resignation, 777
 Gilman, M. A., certificate, 842
 Gilman, M. F., certificate, 1490
 Gilman, S. F., appointment, 129, 964
 Gilman Board of Education, contract, 1417
 Gilmore, Auretta J., appointment, 1112
 Gilmore, Mrs. Eula, appointment, 1144, 1146
 Gilmore, Sylvia C., appointment, 186, 1020
 Gilmour, Marion H. N., degree, 1539
 Gilpatrick, T. V., degree, 452

- Gilroy, Mrs. Anabel C., appointment, 261,
1097
Gilroy, Marilyn H., degree, 1560
Gilson, R. K., degree, 817
Gilstrap, E. F., degree, 1565
Giltner, Eva A., degree, 411
Gimbel, E., certificate, 1337
Gimbel, S. L., certificate, 41
Gindele, Ida, appointment, 9
Gindich, Kathleen M., degree, 807
Gindler, J. E., degree, 579
fellowship, 677, 1481
Gingival disease, research, gift, 1217
Ginoli, C. N., certificate, 771
Ginos, G. E., degree, 805
Ginsberg, R. S., appointment, 1527
Ginsburg, J., certificate, 842
Ginstrom, R. A., appointment, 43, 871, 989
degree, 796
Ginzbourger, A. C., appointment, 1136
Girard, F. G., degree, 1547
Gissing, Mrs. Anna M., appointment, 260
Gittelman, I., degree, 420
Gittelson, L. A., appointment, 364, 1193
Given, Ruth M., degree, 1237
Glad, A. L., degree, 795
Glade, Barbara B., degree, 1397
Glade, R. W., degree, 1388
fellowship, 1486
Glaser, R., appointment, 462, 1225
Glasgow, C. I., contract, 469
Glass, Mrs. Anne, appointment, 316, 1154
Glass, Edna L., degree, 577
Glass, R. V., degree, 821
Glasser, S., degree, 802
Glassman, K. L., degree, 1395
Glassman, Marjorie, appointment, 1157
Glasson, J. A., degree, 1250
Glassware, Ceramic Engineering, gift, 1471
purchase, Chicago Professional Colleges, 767
Chicago Undergraduate Division, 526, 767
General Chemical Stores, 526, 838, 1206,
1520
Physics, 711
Glaudin, V., Jr., degree, 790
Glavin, P. E., degree, 813
Glawe, Betty J., degree, 800
Glawe, J. F., appointment, 74, 907
Glazer, S., degree, 828
Gleason, A. I., degree, 1549
Gleason, G. J., appointment, 274, 1110
Gleason, J. B., appointment, 76, 909
Gleave, Gwen, appointment, 355
Gleim, Gilda G., degree, 586
Glenn, E. A., degree, 825, 1574
Glenn, Margaret A., degree, 589
Glenn, R. D., degree, 796
Glenn, S. E., appointment, 75
Glenn, R. J., appointment, 357, 1185
Glens Falls Fire Insurance Co., insurance, pur-
chase, 716
Glenwright, E. J., degree, 1558
Glick, E. A., degree, 814
Glick, R. E., degree, 809
Glickman, N., appointment, 204
leave of absence, 405
Glidden Co., gift, 552
Glines, Mrs. Jewel, appointment, 319
Glissendorf, O. F., appointment, 1477
Glista, W. A., degree, 1281
Globe Furniture & Stationery Co., purchase,
671
Gloge, Frances, appointment, 1163
Gloger, Mrs. Fern M., appointment, 282
Gloger, J. A., degree, 821
Glomerulonephritis, research, gift, 1473
Glossop, R. L., degree, 1558
Glover, Anna C., appointment, 92, 115, 925,
948
Glover, Virginia L., degree, 1284
Glowacki, A. M., appointment, 326, 1167
Gluck, R. E., degree, 419
Glucurone, effect of oral administration, re-
search, gift, 1471
Glunt, Marie, appointment, 11
Glupker, H., appointment, 217, 235, 1054,
1073
declination, 1316
Gluskoter, Gilda M., degree, 595
Glynn, L. W., certificate, 842
Gnaedinger, R. J., appointment, 871, 968
Gnagey, L. N., degree, 1565
Gnat, M. E., degree, 804
Gnat, Marion J., degree, 810
Gnidovic, D. J. F., degree, 1564
Gobell, W. P., Jr., degree, 804
Goble, G. W., appointment, 164, 1000
Godejahn, G. C., Jr., degree, 586, 1388
fellowship, 572, 775
resignation, 1424
Goder, J. Inc., contract, 1327
Godfrey, Mrs. Eleanor, appointment, 1272
Godfrey, Mrs. Helen A., appointment, 284,
1120
Godlewski, W. A., degree, 1566
Godshall, Alyce A., appointment, 222, 1058
Godula, E. A., degree, 1391
Goebel, Mrs. Louise W., appointment, 1127
Goebel, M. C., appointment, 279
Goedecke, W. S., certificate, 1178
Goerwitz, J. E., degree, 407
Goessling, E. W., appointment, 985
Goetker, F., appointment, 330, 1172
Goetz, Ruth, appointment, 312, 1149
Goff, D. M., degree, 1560
Gohde, Joan E., degree, 1554
Goin, H. D., degree, 1249
Goin, J. C., Jr., degree, 816
Goines, Louise H., degree, 1397
Goins, R. E., degree, 1570
Golb, Ruthe N., degree, 812
Golby, J. L., degree, 1538
Gold, Hermine G., degree, 805
Gold, I. L., degree, 1395
Gold, Joan E., degree, 805
Gold, M. E., degree, 1571
Gold, N. M., certificate, 1329
Gold, R., degree, 595
Gold, R. R., degree, 586
Goldberg, Alvin I., degree, 597
Goldberg, Arnold I., degree, 1571
Goldberg, B., appointment, 353, 1181
Goldberg, B. A., degree, 1574
Goldberg, E. I., certificate, 1329
Goldberg, E. S., degree, 822, 1571
Goldberg, I. W., certificate, 489
Goldberg, K. P., degree, 596
Goldberg, L., degree, 824, 1574
Goldberg, Lorraine H., degree, 1240
Goldberg, R. S., degree, 810
Goldberg, Mrs. Roberta, appointment, 319
Goldberg, S., degree, 824, 1574
Goldblatt, M. H., degree, 583
Goldblatt, M. J., degree, 1565
Golden, B. F., degree, 1558
Golden, L. D., degree, 802
Goldenberg, M., certificate, 1337
Goldenson, S., certificate, 1338
Golder, S. C., degree, 593
Goldfarb, E. J., degree, 804
Goldfarb, I., degree, 824, 1574
Goldfine, E. I., certificate, 1507
Goldhaber, M., resignation, 403
Goldhor, H., appointment, 167, 1003
resignation, 1352
Goldie, E. W., appointment, 304, 1140
Golding, L. A., degree, 424
Goldman, Barbara, degree, 1399
Goldman, C. R., degree, 1554
Goldman, Florence W., degree, 1392
Goldman, G., degree, 796
Goldman, H., degree, 1558
Goldman, H. M., degree, 419, 1387
Goldman, J. F., degree, 1395

- Goldman, J. M., degree, 595
 Goldman, M. S., appointment, 75, 908, 1449
 Goldman, R., certificate, 41
 Goldner, H. R., degree, 813
 Goldrich, A., degree, 1558
 Goldsand, Roslyn, appointment, 306
 Goldsmith, Ruth A., degree, 1395
 Goldstein, B., degree, 797
 Goldstein, D. A., degree, 816
 Goldstein, E., certificate, 842
 Goldstein, H., certificate, 488
 Goldstein, L., appointment, 1292
 Goldstein, M. E., appointment, 295, 1132
 Goldstein, Phyllis E., degree, 590
 Goldstein, Mrs. Rhoda L., appointment, 1313
 Goldstine, Dora, member of advisory committee, 562
 Goldware, R. R., appointment, 359
 Goldwasser, E. L., appointment, 530, 967
 Goldwasser, M., appointment, 205, 445, 1039
 Golinkin, Mrs. Iris N., appointment, 318
 Gollahon, D. L., degree, 419
 Golleher, G. M., appointment, 1272
 Gollin, H. A., appointment, 357, 1185
 Golosinec, Olga K., degree, 810
 Goltermann, C. H., certificate, 488
 degree, 421
 Goltermann, R. M., degree, 1561
 Golubjatnikov, O., degree, 1552
 Gombert, M., certificate, 842
 Gomperts, J. W., appointment, 259, 1095
 Gondek, F. R., appointment, 205
 resignation, 46
 Gonko, R. A., degree, 1399
 Gonnerman, Alice M., appointment, 224, 1061
 Gonzales, Esperanza, appointment, 263
 Gonzalez, Mrs. Jeanne P., appointment, 279,
 1115
 Goo, A. M. S., degree, 1248
 Goo, J. F. S., degree, 1552
 Gooch, Hettie, appointment, 9
 Gooch, J. D., appointment, 1225
 degree, 792
 Gooch, Maud, appointment, 9
 Good, Beverly J., appointment, 1114
 Good, Dorothy M., degree, 808
 Good, Elizabeth M., appointment, 1151
 Good, F. W., appointment, 304, 1140
 Good, H. G., appointment, 1448
 Good, H. R., appointment, 280
 Goode, A., appointment, 310, 1147
 Goodell, Mrs. Delores D., appointment, 1104
 Goodell, W. F., degree, 788
 Goodman, Mrs. Adelle B., appointment, 1131
 Goodman, B. M., appointment, 156, 696, 990,
 1452
 Goodman, B. W., degree, 817
 Goodman, D. C., degree, 417
 Goodman, F. B., degree, 1399
 Goodman, L. E., appointment, 136, 445, 674,
 959, 971
 Goodman, Merle, degree, 594
 Goodman, Morris, appointment, 1499
 Goodman, R. M., degree, 1400
 Goodman-Murphy, insurance, purchase, 1494,
 1495
 Goodrich, B. F., Chemical Co., contract, 1521
 gift, 1213, 1469
 Goodrich, B. F., stock, purchase, 835
 Goodrich, Beth E., appointment, 1133
 degree, 1539
 Goodrich, Mrs. Marjorie E., appointment, 76,
 871
 Goodrich, V. E., certificate, 488
 degree, 421, 1239
 Goodrick, J. W., degree, 589
 Goodsitt, H., member of advisory committee,
 36
 Goodwin, A. H., appointment, 204
 resignation, 403
 Goodwin, C. W., appointment, 211
 resignation, 731
 Goodwin, W. O., degree, 1399
 Goodwin Avenue, extension, appropriations,
 balances reappropriated, 1198
 contract, 463
 addition, 660, 708
 improvement, funds, 1303
 University's share of cost, 1302
 land between Springfield Avenue and Green
 Street, sale, 1303
 property at 202 South, parking lot, appro-
 priation, 521
 contract, addition, 765
 purchase, 348
 Goodyear, L. F., appointment, 72, 265, 905,
 1101
 Goodyear, Margaret R., appointment, 109, 943
 leave of absence, 1407
 Goodyear Aircraft Corp., purchase, 1476
 Gould, Louise A., degree, 1556
 Gopaul, V. V., degree, 1397
 Goppert, H. R., appointment, 246, 1085
 Gorsalski, Mrs. Margaret A., appointment, 289,
 1125
 Gorden, Jeanne, degree, 786
 fellowship, 680, 1483
 Gordon, A. S., appointment, 1225
 degree, 1569
 fellowship, 447, 531
 Gordon, Alice M., degree, 784
 Gordon, Betty L., appointment, 1113
 Gordon, C. O., degree, 1546
 Gordon, Charlotte, appointment, 1101
 Gordon, D. A., appointment, 83
 degree, 1394
 Gordon, E., degree, 595
 Gordon, H. H., appointment, 119, 952
 Gordon, H. J., degree, 823
 Gordon, Mrs. Ilse S., appointment, 1132
 Gordon, J. W., appointment, 297
 Gordon, Mrs. Laura D., appointment, 260
 Gordon, M., certificate, 1329
 Gordon, M. A., degree, 1392
 Gordon, M. P., fellowship, 677
 resignation, 1233
 Gordon, P., degree, 1551
 Gordon, P. B., degree, 1562
 Gordon, P. G., degree, 1240
 Gordon, R. W., degree, 1558
 Gordon, S. N., degree, 813
 Gordon, S. S., degree, 1576
 Gordon, T. H., degree, 798
 Gordon, W. R., appointment, 280, 1116
 Gore, C. L., degree, 1566
 Gore, Dorothy J., degree, 1542
 Gore, G. J., degree, 415
 Gore, J. G., degree, 821, 1545
 Gorenz, L. J., Jr., certificate, 1329
 Gorey, J. P., degree, 591
 Gorin, Janice R., appointment, 11
 Gorman, Bertha L., appointment, 318, 1155
 Gorman, C. M., degree, 805
 Gorman, J. W., degree, 813
 Gorman, Marie E., degree, 1244
 Gormley, W. T., degree, 822, 1571
 Gorny, F. X., degree, 817
 Gorozdos, R. E., degree, 1243
 Gorrell, Ruth, appointment, 269, 1105
 Gorrell & Gorrell, purchase, 613
 Gorsic, J., degree, 1549
 Gorski, F., appointment, 315, 1152
 Goslovich, S. J., degree, 1542
 Gosse, D. W., degree, 800
 Gotaas, Bernice E., degree, 826
 Gothard, J. W., degree, 805
 Gotschall Bros., purchase, 377
 Gotshalk, D. W., appointment, 81, 535, 914
 director of Athletic Association, 1409
 Gott, A. D., degree, 1385
 Gott, H. L., appointment, 263, 303, 1100, 1139
 Gottardo, P., Jr., appointment, 240, 1079
 Gottfried, L. A., degree, 577
 Gottlieb, A., painting, purchase, 711

- Gottlieb, D., appointment, 112, 136, 508, 945.
 971
 Gottlieb, Mrs. Ellen J., appointment, 1150
 Gottlieb, S. V., degree, 816
 Gottmann, Mrs. Oleta, appointment, 324
 Gottneid, A. J., appointment, 84
 Gottstein, E. J., appointment, 325, 1167
 Gough, O. E., certificate, 41
 Gould, A. I., degree, 813
 Gould, Annie J., appointment, 10, 1308
 Gould, B. H., degree, 817
 Gould, D. J., degree, 1563
 Gould, G. A., degree, 1558
 Gould, L. H., degree, 1248
 Gould, Mary P., degree, 580
 Gould, R. G., Jr., appointment, 213, 1180,
 1225
 Gould, W. E., degree, 1240
 Goulson, Mrs. Frances M., appointment, 242,
 1081, 1272, 1457
 declination, 1501
 Gourley, Frances M., degree, 1565
 Gourley, H. L., degree, 1561
 Gouvis, N. A., degree, 1394
 Gove, C. A., degree, 1566
 fellowship, 1484
 Gove, S. K., appointment, 178, 1013, 1272
 Government and Public Affairs, Institute of,
 appropriation, balance reappropriated,
 1197
 budget, 178, 293, 1013, 1130
 furniture and equipment, appropriation, 366
 Government securities, exchange, report, 379
 Governor, invitation to hold meeting at
 Springfield, 647
 Gowiel, Jean R., degree, 419
 Gowler, C. M., degree, 585
 Grabill, P. E., degree, 577
 Grabitz, Jean B., degree, 1558
 Grable, J. R., Jr., degree, 805
 Grabow, Mrs. Joy, appointment, 316
 Grace, D. P., degree, 805
 Grace, H. A., appointment, 84, 698, 917, 1454
 Grace, O. D., appointment, 488, 947, 999
 degree, 796
 Graduate College, acting dean, appointment,
 1491
 advanced certificate, music education, 1512
 budget, Chicago Professional Colleges, 222,
 315, 1059, 1152
 Urbana, 135, 283, 970, 1119
 dean, acting, appointment, 1193
 resignation, 1193
 degrees conferred, 406, 449, 574, 780, 829,
 1236, 1281, 1384, 1532, 1568
 doctor's degree, library science, change, 653
 musicology, 1507
 electronic digital computer, appropriation,
 balance reappropriated, 38
 equipment, appropriation, 1493
 magnetic core device, patent, applica-
 tion, 2
 employment of attorney, 3
 purchase, electron tubes, 1344
 magnetic drum, 375
 power supplies, 502
 sawing and filing machine, 672
 tubes, 343, 670
 research, contract, 378
 fees, thesis deposit, refund, 473
 tuition, students in absentia, 462
 fellows, appointment, 46, 401, 447, 478, 512,
 531, 572, 645, 676, 730, 775, 876, 1231,
 1278, 1315, 1334, 1351, 1382, 1479,
 1500, 1529
 fellowships, appropriation, 521, 1358
 master's degree, art, changes, 1509
 health education, 652
 industrial education, 1412
 recreation, 1509
 second, residence and credit requirements,
 489
- Graduate College, cont'd
 thesis deposit requirement, change, 1496
 withdrawal of students for military and
 other national defense services, regula-
 tions, 433
 Graduation requirements, Law, bachelor's de-
 gree, changes, 1510
 Nursing, bachelor's degree, 1511
 recreation, master's degree, 1509
 students withdrawing for military and other
 national defense services, 431
 Graduation with honors, Education, 538
 Grady, Helen P., degree, 810
 Grady, Mrs. Katherine, appointment, 1162
 Graepp, E. A., degree, 1551
 Graesser, Wilma H. L., degree, 800
 Graf, Thelma, appointment, 297, 1133
 Graf-Apsco Co., purchase, 1305
 Graffam, Shirley, appointment, 10
 Graffy, J. J., degree, 822
 Graham, A. L., degree, 1568
 Graham, C. H., appointment, 1477
 Graham, C. J., degree, 787
 fellowship, 682, 1485
 Graham, C. R., degree, 1562
 Graham, G. C., degree, 824, 1574
 Graham, H. I., appointment, 1349
 Graham, I. C. C., degree, 408
 Graham, J. G., degree, 587
 Graham, J. R., degree, 588
 Graham, Mary M., appointment, 269, 1105
 Graham, Mrs. Mary T., appointment, 1080,
 1272, 1477
 Graham, R., appointment, 113, 162, 163, 946,
 997, 998
 Graham, R. D., degree, 1553
 Graham, R. W., degree, 798
 Graham, S. G., certificate, 488
 Graham, Sara, appointment, 185
 resignation, 478
 Graham, Anderson, Probst, & White, Inc.,
 contract, addition, 27
 change, 379
 Grahn, Carol E., degree, 1564
 Graiff, A. R., degree, 1237
 Grain dealers, improvement of operating effi-
 ciency and services, research and educa-
 tional programs, gift, 550
 Grain storage building, Wright Farm, con-
 tract, 1462, 1496
 Graman, T. A., degree, 424
 Gramann, A. A., degree, 587
 Gramley, L. E., fellowship, 679
 declination, 683
 Grampp, W. D., appointment, 247, 701, 1086,
 1457
 Granade, Harriet L., degree, 415
 Granata, J. J., degree, 591
 Grand Central Art Galleries, purchase, 711
 Grandl, L. N., degree, 1572
 Grandos, N., degree, 1552
 Grandos, W. O., degree, 1394
 Grandt, A. F., appointment, 101, 393, 934
 resignation, 1425
 Graner, Mrs. Helen L., appointment, 1112
 Granese, Ann M., degree, 406
 Grange, A. E., degree, 805
 Grange, H. E., member of committees, 602,
 1405
 message of sympathy, 1421
 representative on Merit Board of Univer-
 sity Civil Service System of Illinois,
 844
 Granger, Sara J., fellowship, 1485
 Granite City Community Unit, contract, 1417
 Grant, Charlotte L., appointment, 774
 declination, 777
 Grant, Isabelle F., appointment, 186, 1021
 Grant, J. W., degree, 811
 Grant, Mrs. Lola E., appointment, 1138
 Grant, N. H., degree, 450
 Grant, Therese I., degree, 1395

- Grant Hospital, affiliation with College of Medicine, approved, 388
 Graper, Mabel, appointment, 11
 Graphotype, Research and Educational Hospitals, purchase, 502
 Grass Instrument Co., purchase, 525, 558, 1494
 Grassadonia, S. J., degree, 1553
 Grassel, E. E., degree, 420
 Grasselli Chemical Co., purchase, 852
 Grassi, J., degree, 594
 Gratzinger, M., appointment, 393, 1272
 Gravenhorst, A. D., degree, 1399
 Graver Tank and Manufacturing Co., purchase, 501
 Graves, C. M., appointment, 272, 1109
 Graves, D. W., appointment, 183, 184
 resignation, 777
 Graves, Mrs. Ernest E., lease, 1464
 Graves, J. R., degree, 597
 Gravley, Evelyn J., diploma, 1575
 Gray, A. E., degree, 1561
 Gray, C., painting, purchase, 711
 Gray, Mrs. Clarice, appointment, 1096
 Gray, D. L., appointment, 1125
 degree, 1554
 Gray, E., appointment, 353, 1182
 Gray, E. J., appointment, 265, 1102
 Gray, Edna R., appointment, 109, 120, 942, 953
 Gray, F., appointment, 327, 1168
 Gray, G. G., degree, 1562
 Gray, G. S., degree, 594
 Gray, H. E., appointment, 694, 1449
 Gray, H. L. R., degree, 1397
 Gray, H. M., appointment, 140, 975
 leave of absence, 405
 member of committee to hear charges against Robert Taylor, 1293
 Gray, Harriette A., contract, 1464
 Gray, Marian C., degree, 1393
 Gray, Mary D., degree, 1544
 Gray, Mildred D., degree, 812
 Gray, Nancy A., degree, 812
 Gray, P. H., appointment, 272, 1108
 Gray, R. L., degree, 595
 Graybael, E. Joanne, degree, 808
 Graybar Electric Co., Inc., purchase, 526, 558, 670, 851, 1344
 Greaney, T. P., degree, 586
 Greanias, B. G., degree, 1401, 1548
 Greanias, J. G., degree, 419
 Greathouse, L. A., appointment, 272, 1108
 Grebner, F. W., Jr., degree, 587
 Greby, N. J., degree, 1576
 Greco, Eileen W., degree, 785
 Gredler, Mrs. Jewel Y., appointment, 1121
 Greeley, F. W., appointment, 362, 1191
 member of advisory committee, 562
 Green, A. B., degree, 581
 Green, A. G., appointment, 1349
 Green, Mrs. Betty H., appointment, 1128
 Green, Birdie M., degree, 1561
 Green, Mrs. Carolyn H., appointment, 259
 Green, D., Jr., certificate, 1329
 Green, Doris E., appointment, 301, 1138
 Green, Eileen E., appointment, 283
 Green, Evelyn, appointment, 329, 1171
 Green, F. S., appointment, 164, 1000
 degree, 797
 Green, G. C., Jr., degree, 1574
 Green, H., degree, 796
 Green, H. A., degree, 1559
 Green, H. I., degree, 1247
 Green, I. L., degree, 805
 Green, L. R., degree, 1572
 Green, Morris, appointment, 208, 1045, 1477
 degree, 1247
 Green, Myron, degree, 824, 1574
 Green, M. D., degree, 581
 Green, M. R., appointment, 1272
 Green, Mary M., degree, 577
 Green, P. D., degree, 804
 Green, P. M., appointment, 138, 974, 1268, 1339
 resignation, 1233
 Green, R., appointment, 363, 1192
 Green, R. C., degree, 422
 Green, R. E., degree, 1549
 Green, R. M., degree, 816
 Green, S. H., degree, 422
 Green, W. D., appointment, 257, 1093
 authority to sign name of President of Board, 602, 1404
 Green, W. E., Jr., degree, 1565
 Green, W. K., degree, 787
 Green, Mrs. Zella U., appointment, 266, 1103
 Greenaway, Mrs. May G., appointment, 313, 1152
 Greenbaum, Joyce H., degree, 817
 Greenberg, Ann, degree, 808
 Greenberg, D. H., degree, 1572
 Greenberg, J. S., fellowship, 681
 declination, 683
 Greenberg, Janice R., degree, 824, 1574
 Greenberg, Mrs. Judith Y., appointment, 269
 Greenberg, L., degree, 822, 1571
 Greenberg, M. D., degree, 591
 Greenberg, N. H., degree, 810
 Greenberg, P. T., degree, 594
 Greenblatt, E., degree, 1558
 Greene, C. D., degree, 410
 Greene, Carolyn A., degree, 817
 Greene, Florence, appointment, 324, 1163
 Greene, J. M., certificate, 1337
 Greene, Lois D., appointment, 359, 1187
 Greene, P. C., appointment, 237, 244, 1076, 1083, 1272
 Greene, R. F., appointment, 1225
 certificate, 771
 Greene, Ruth A., degree, 590
 Greene, Ruthe H., degree, 592
 Greenebaum, Jean E., degree, 592
 Greenfield, J. E., degree, 1549
 Greenfield, P., appointment, 1527
 Greenfield, W. D., degree, 1551
 Greenhill, Mrs. Dorothy D., appointment, 312, 1150
 Greenhouse, Botany, repairs and alterations, appropriation, 521
 Drug Plant Experiment Station, construction, contract, 470
 plant breeding, improvements in heating system, appropriation, 520
 Greenlee, D. W., degree, 412
 Greenman, M., degree, 1554
 Greenman, Vivian, appointment, 318, 1156
 Greenspan, P. S., certificate, 1254
 Greenspon, S. A., appointment, 208, 1044
 Greenstein, J. S., degree, 584
 Green Street, parking lot at 1108 West, contract, 29, 847
 addition, 464
 utility easement, grant, 1207
 property at 1103 West, purchase, 1325
 property at 1112 West, purchase, 348
 property at 1114 West, purchase, 348
 Green Street Apartments, See Student and Staff Apartments.
 Greensweig, B., certificate, 842
 Greenwald, A. L., appointment, 1272
 Greenwald, E. S., degree, 1400
 Greenwald, S., degree, 817
 Greenwald, V., certificate, 1329
 Greenwood, B. J., Jr., degree, 1241
 Greenwood, E. H., certificate, 1337
 Greenwood, F. L., appointment, 73
 declination, 403
 Greenwood, Leona S., appointment, 290, 1126
 Greenwood, Mrs. Virgil L., appointment, 110
 resignation, 403
 Greer, L., Jr., degree, 1236

- Greevy, Carrie, appointment, 287
 Greffe, C. D., appointment, 129, 964, 1452
 Gregg & Briggs, consultant on campus planning and development, services continued, 474
 Gregor, A. J., degree, 1563
 Gregor, H. J., degree, 1563
 Gregorio, J. T., appointment, 354, 1183
 Gregory, H. W., authority to sign name of Treasurer on withdrawals from Dentistry, Medicine, and Pharmacy Construction Fund Account, 666
 Gregory, T. E., Jr., degree, 1242
 Gregory, V., degree, 826
 Gregory, VaDonna, diploma, 1575
 Gregory Hall, remodeling, appropriation, 492
 balance reappropriated, 1198
 contract, 495
 Grehl, M. T., degree, 1401
 Greider, F. C., gift, 1474
 Greifzu, E. R., degree, 801
 Gremley, Henrietta H., degree, 1546
 Gremley, R. G., degree, 1392
 Grenard, Mrs. Madeleine P., appointment, 243, 1082, 1457
 Gressens, O., member of advisory committee, 36
 Gressitt, Ruth, appointment, 11, 1308
 Grevenoed, D. K., certificate, 842
 Greyer, J. E., Jr., degree, 594
 Gribanovsky, Mrs. Viola, appointment, 985
 Gribbens, Lorraine E., appointment, 318, 1157
 Grice, G. R., appointment, 83, 644, 917
 Grice, Mrs. Mary E., appointment, 261
 Grider, C. D., degree, 787
 Grider, J. E., appointment, 259
 Gridley, W. W., certificate, 1357
 Grieb, M. W., appointment, 690
 Grieco, A. J., degree, 595
 Grieger, P. F., appointment, 73
 Grierson, R. G., degree, 1541
 Gries, R. W., degree, 1395
 Grieshaber, E. W., degree, 781
 Griesmeyer, C., appointment, 311, 1148
 Griest, C. E., degree, 1237
 Griest, Guinevere G., appointment, 242, 508, 1081
 declination, 1279
 Grievances, nonacademic employees, regulations, 1438
 Griffet, C. E., appointment, 272, 1108
 Griffin, E. D., degree, 824, 1574
 Griffin, E. G., appointment, 217, 1053
 Griffin, Mrs. Elaine B., appointment, 1150
 Griffin, J. H., appointment, 100, 934
 Griffin, J. R., degree, 821
 Griffin, P. C., degree, 1549
 Griffith, C. R., appointment, 59, 144, 891, 979
 Griffith, F. L., degree, 1546
 Griffith, G. L., degree, 1284
 Griffith, J. W., degree, 1389
 Griffith, P. R., appointment, 352, 1180
 Griffith, R. A., degree, 1245
 Griffith, S. E., appointment, 297, 1134
 Griffith, Verna H., degree, 415
 Griffith, W. K., degree, 1538
 Griffith, W. M., appointment, 257, 1093
 certificate, 842
 Griffiths, F. E., degree, 1239
 Griffiths, P. J., degree, 794
 Griffiths, W. F., degree, 798
 Grigalaukski, J. J., degree, 821
 Grigg, Janet, degree, 418
 Griggs, J. A., degree, 1245
 Grim, G. B., degree, 1535
 Grim, R. E., appointment, 78, 911
 Grimelli, L. J., appointment, 355, 1183
 Griminger, P., degree, 1549
 Grimley, R. T., fellowship, declination, 731
 Grimm, A. R., Jr., degree, 801
 Grimm, C. L., Jr., degree, 1564
 Grimm, H. A., appointment, 360, 1188
 Grimm, Mildred J., degree, 595
 Grimm, N. C., appointment, 644, 1012
 Grimm, P. F., Jr., degree, 823
 Grimm, Mrs. Sarah H., financial aid, request, 1222
 denied, 1332
 settlement, 1336, 1421
 Grimmer, E. A., appointment, 358, 1187
 Grimsey, J. H., degree, 1401
 Grimsley, Mrs. Betty J., appointment, 259
 Grimsley, R. T., fellowship, 677
 Grimson, J. R., degree, 823
 Grindley, H. S., appointment, 101, 935
 Grinker, R., appointment, 1190
 Grinkewich, A. S., degree, 1576
 Grinnell, R. N., degree, 597, 1542
 Grinnell Bros., purchase, 501
 Grip, C. M., Jr., appointment, 63
 resignation, 403
 Grippio, Mrs. Geraldine, appointment, 1145
 Grismore, T. L., appointment, 240, 477, 1079
 Grishaber, R. J., degree, 1535
 Grisham, L., degree, 798
 Grissom, J. C., degree, 422
 Grissom, R. L., appointment, 43, 204, 1039
 Griswold, Helen D., appointment, 270
 Griswold, J. E., degree, 421
 Griswold, Sarah, degree, 800
 Gritton, J. W., degree, 812
 Grizzell, E. F., degree, 420
 Groah, R. W., degree, 1558
 Groen, C., degree, 1572
 Groesch, Madeline, appointment, 328, 1169
 Groesch, Marian, appointment, 328, 1170
 Groff, G. K., degree, 808
 Grogg, H. A., degree, 1540
 fellowship, 679
 Grolla, R. C., degree, 1552
 Grollemond, Viola M., degree, 808
 Groppi, G. A., degree, 797
 Gros, G., appointment, 1183
 Grossenheider, A. A., degree, 798
 Gross, D. P., degree, 1574
 Gross, Dorothy A., appointment, 177
 resignation, 403
 Gross, H. T., degree, 828
 Gross, J. E., degree, 1551
 Gross, J. H., degree, 597
 Gross, L. W., degree, 586
 Gross, P. R., certificate, 1329
 Gross, S. L., appointment, 909
 Gross, W. A., Jr., degree, 587
 Grosse, R. H., resignation, 1490
 Grosskopf, G. W., degree, 1564
 Grossman, A., appointment, 212, 1049
 Grossman, Annette L., degree, 806
 Grossman, D. A., appointment, 62, 894
 Grossman, Elizabeth M., degree, 420, 1386
 Grossman, H. J., appointment, 674, 1045
 Grossman, Katherine, appointment, 1163
 Grossman, M. I., appointment, 203, 871, 1038
 Grossman, Myrna J., degree, 423
 Grossman, S., degree, 1395
 Grossner, Mrs. Lorelei N., appointment, 256, 1135
 Grossner, R. R., degree, 1550
 Grosz, E., appointment, 354, 1182
 Grote, D. V., degree, 791
 Grote, G. P., degree, 587
 Grotenhuis, E. N., degree, 595
 Grounds, campus, improvement, appropriation, 844
 Groundwater, W. D., degree, 1287
 Grout, Joan H., appointment, 295
 Grove, P. A., degree, 797
 Grove, Shirley J., degree, 806
 Grove, W. J., appointment, 363, 1192
 Groves, F. R., Jr., fellowship, 677
 declination, 683
 Groves, H. M., degree, 1401

- Groves, Mrs. Helen M., appointment, 1139
 Groves, Margie L., degree, 800
 Groy, H. D., degree, 1401
 Groziak, M. M., degree, 797
 Grubaugh, R. L., degree, 415
 Grubb, G. R., & Co., contract, 378
 purchase, 838
 Grubb, Maxine, appointment, 393, 1018
 Grubensky, J. A., degree, 1551
 Grubgeld, Mrs. Jane S., appointment, 241,
 701, 1080
 Grubgeld, L. E., fellowship, 447, 1278
 Gruen, W., appointment, 393, 1225, 1313
 Gruesbeck, Maryalice, appointment, 10, 1307
 Grueter, R. M., degree, 416
 Grulee, C., appointment, 360, 1189
 Grumley, Barbara A., degree, 1245
 Grundman, Rose A., appointment, 221, 1058
 Grunnet, R. D., degree, 584
 Grunsfeld, E. A., appointment, 508
 gift, 549
 Grunwald, M. F., appointment, 216, 1053
 Grupe, Rhoda, appointment, 312, 1150
 Gruss, Sarah E., appointment, 1165
 Grussing, Mrs. Evelyn A., appointment, 270,
 1106
 Grzegorzak, W. T., degree, 420
 Gryzbek, J. P., degree, 1558
 Gschwendner, Martha J., degree, 1393
 Gualtieri, S. J., degree, 1554
 Guarino, Mrs. Helen S., appointment, 1162
 Gubbins, V. B., degree, 597
 Gucker, R. A., degree, 819
 Gudgel, I. F., appointment, 274, 1110
 Guemmer, G. E., appointment, 359, 1188
 Guerin, J. F., certificate, 842
 Guevrekian, G., appointment, 153, 988
 Guevry, E. R., degree, 417
 Guggenheim, J. S., Memorial Foundation,
 gift, 553, 1469
 Gugich, G., Jr., degree, 806
 Guha, S., fellowship, 1479
 Guia-Monasterio, A. E., degree, 418, 792
 Guilinger, J. W., degree, 798
 Guillemin, V., Jr., appointment, 204, 225,
 361, 1039, 1046, 1061
 discovery, patent rights, release, 458
 Guillou, J. C., appointment, 124, 958
 Guiner, A., appointment, 1527
 Guiney, Mrs. Theresa L., appointment, 287
 Gulder, Ruth F., degree, 816
 Gulf, Mobile, & Ohio Railroad Co., gift, 1210,
 1467
 Gulf Research & Development Co., contract,
 change, 769
 Gulf State Utilities, stock, purchase, 835
 Gulick, J. T., degree, 828
 Gullett, H. L., Jr., degree, 1549
 Gullette, C. C., appointment, 77, 910, 1450
 Gullette, D. A., degree, 1562
 Gulley, H. E., appointment, 74, 86, 699, 907,
 920, 1455
 Gulley, R. E. E., degree, 822, 1571
 Gum, Mrs. Wanda N., appointment, 244, 703,
 1083
 leave of absence, 1383
 Gumbiner, S. H., appointment, 205, 1225
 Gunderson, C. O., degree, 804
 Gunderson, M. W., certificate, 1329
 Gundlock, Mrs. Gladys, appointment, 1170
 Gungen, G. S., degree, 423, 789
 Gunhouse, Mrs. Betty, appointment, 1094
 Gunhouse, T. J., degree, 1568
 Gunn, R. D., degree, 1554
 Gunnerson, D. E., degree, 818
 Gunning, Mrs. Clarabelle, appointment, 294,
 1131
 Gunsalus, Carolyn F., appointment, 1333
 Gunsalus, I. C., appointment, 71, 903
 discovery, patent rights, release, 1196
 Gunther, A., appointment, 354, 1182
 Guon, J., degree, 1557
 Gupta, R. K., degree, 410
 Gurevitz, H., degree, 810
 Guriel, A. M., degree, 418
 Gurolnick, H. W., certificate, 1338
 Gurolnick, W. R., degree, 1557
 Gurthet, R. A., degree, 1399
 Gurvey, J. A., appointment, 354, 1183
 Guse, J. F., degree, 819, 1544
 Gustafson, B. A., degree, 1561
 Gustafson, C. W., degree, 1243
 Gustafson, H. C., degree, 1566
 Gustafson, L. M., appointment, 84, 917, 1225
 Gustafson, R. D., degree, 1393
 Gustafson, W., appointment, 323
 Gustafson, W. A., appointment, 356, 1184
 Gustin, Wanda, degree, 412
 Guthrie, Bernice B., degree, 408
 Guthrie, C. D., degree, 806
 Guthrie, F. E., degree, 1385
 Guthrie, Marjorie V., degree, 793
 Guthrie, Rosamond, appointment, 1097
 Gutnayer, J. M., appointment, 245
 Gutowsky, Barbara S., degree, 1237
 Gutowsky, H. S., appointment, 43, 72, 871,
 905, 1499
 Guttman, N., degree, 1239
 Guy, Barbara A., degree, 1558
 Guy, C. C., appointment, 362, 1191
 Guy, Mrs. Clementyne, T., appointment, 286,
 1122
 Guy, G. V., appointment, 644, 871
 Guzel, Bernice, appointment, 306
 Gwaltney, Versa, appointment, 1170
 Gyafas, K., appointment, 361, 1226, 1272,
 1377
 Gygax, Virginia P., degree, 828
 Gymnasium Annex, remodeling, appropriation,
 balance reappropriated, 1198
 contract, adjustment, 865
 restoration, contract, adjustment, 669
 Gynecology, See Obstetrics.
 Haag, C. A., degree, 1561
 Haas, Catherine, appointment, 320
 Haas, D. V., degree, 798
 Haas, Eleanor E., degree, 1550
 Haas, J. S., appointment, 206, 1042
 Haas, L. L., appointment, 213, 393, 1049,
 1226
 Haas, Mrs. Mary P., appointment, 1105
 Haas, Nancy J., degree, 1564
 Haas, R. E., Jr., degree, 1399
 Haas, W. F., degree, 812, 1546
 Haase, E., appointment, 205, 774, 1041, 1378
 Haase, Frances L., degree, 1386
 Habberton, W., appointment, 74, 907
 Haberski, R. J., degree, 794
 Habib, S. H., degree, 1553
 Hack, G. D., degree, 1243
 Hack, R. A., degree, 816
 Hack, R. W., appointment, 357
 resignation, 572
 Hackbarth, T. E., degree, 828
 Hackenbroch, LaVergne C., degree, 407
 Hacker, D. M., degree, 1576
 Hacker, R. F., degree, 1549
 Hackerson, Mrs. Margaret W., appointment,
 259
 Hackett, Mrs. Jessie E., bequest, 372
 Hackett, R. F., appointment, 247, 1086
 member of committee to hear charges
 against P. J. May, 605
 Hackett Farms, lease, 1306
 Hackleman, J. C., appointment, 98, 119, 932,
 952
 leave of absence, 1503
 Hackman, Marilyn P., degree, 1556
 Hackman, Martha L., appointment, 186, 1022
 resignation, 1352
 Haddad, F. S., appointment, 1193

- Haddad, G., certificate, 1338
 Haddon Craftsmen, Inc., purchase, 377, 440, 1206
 Hadesman, D., degree, 826
 Hadley, H. H., degree, 780
 Hadley, J. O., degree, 826
 Haeblerlin, J. B., Jr., appointment, 204, 1038
 leave of absence, 779
 Haeck, Judith L., degree, 1554
 Haegan, Mrs. Beatrice M., appointment, 316
 Haeger Potteries, gift, 547
 Haerr, D. R., degree, 1540
 Haerr, L. G., degree, 597
 Haessly, Mrs. Bernice, appointment, 273, 1109
 Haessly, Charlotte M., appointment, 273
 Hagan, Aileen M., degree, 806
 Hagan, Audrey N., resignation, 403
 Hagan, C. B., appointment, 82, 915
 leave of absence, 1531
 Hagan, E. E., appointment, 140
 Hagan, J. A., degree, 589
 Hagan, Mrs. Mabel R., appointment, 139, 148, 149, 975, 981, 984
 Hagan, P. E., degree, 1393
 Hagberg, C. E., degree, 1570
 Hage, Doris A., degree, 828
 Hageman, J. W., degree, 810
 Hagen, Aileen, appointment, 1150
 Hagen, E. E., leave of absence, 1235
 resignation, 868, 1233
 Hagen, Mrs. Fannie A., appointment, 313, 1151
 Hagen, R., appointment, 325, 1167
 Hagenbach, W. P., degree, 781
 Hagenow, R. W., degree, 798
 Hagenson, Mrs. Sara L., appointment, 393, 607, 1017
 Hager, D. E., degree, 593, 1548
 Hager, J. A., degree, 816
 Hager, L. P., appointment, 871
 Hagerstrom, M. G., degree, 1394
 Haggengos, G. E., degree, 1576
 Haggerty, Mrs. Beth K., appointment, 296, 1132
 Haggerty, F. J., certificate, 1338
 Hagl, Marjorie A., degree, 590
 Hagner, A. F., appointment, 78, 911
 Hagopian, Mary, degree, 1388
 Hague, Stella, appointment, 71, 904
 Hahn, E. J., Olney Agricultural Experiment Farm, sale, 565
 Hahn, E. L., appointment, 132
 cancellation, 478
 discovery, patent, application, 347
 release, 1259
 Hahn, E. M., degree, 595
 Hahn, G. W., degree, 1250
 Hahn, R. C., degree, 801, 1540
 Hahn, R. D., degree, 412
 Hail Loss Research Committee, Western Hail and Adjustment Association, contract, change, 561
 Hain, Lois B., appointment, 331
 Haines, B. L., degree, 1540
 Haines, R. D., appointment, 247, 1086
 Haines, W. T., appointment, 103, 114, 936, 948
 Haines Boulevard, property at 601, sale, 640
 Hainsworth, Mary E., degree, 811
 Hair growth, study, gift, 1472
 Hajic, E. J., degree, 418, 792
 Hake, R. R., degree, 795
 Hakman, V. J., certificate, 842
 Hala, Libby V., degree, 1390
 Halbeck, J. A., degree, 1562
 Halberg, Betty J., degree, 1242
 Halberg, L. A., degree, 1242
 Halberstadt, W. H., fellowship, 1485
 Hale, A. A., degree, 818
 Hale, F. E., degree, 1252
 Hale, G. D., degree, 594
 Hale, J. R., degree, 1548
 Hale, Myrna A., degree, 1567
 Hale, P. B., degree, 791
 Hale, Mrs. Phyllis M., appointment, 1111
 Hale, R., Implement Co., purchase, 376, 524
 Hale, W. H., appointment, 102, 936
 Hales, R. J., appointment, 265, 1102
 Haley, E. J., degree, 1248
 Halford, R. D., degree, 416
 Hall, A. S., appointment, 691, 1226
 degree, 1282
 Hall, B., appointment, 1349
 Hall, B. V., appointment, 87, 445, 921
 Hall, Betty T., appointment, 364, 1193
 resignation, 1334
 Hall, Catherine I., appointment, 285
 Hall, Cleo A., degree, 1247
 Hall, D. E., degree, 806
 Hall, D. M., appointment, 60, 116, 950
 Hall, D. S., appointment, 304, 1140
 Hall, Mrs. Elaine F., appointment, 285, 1121
 Hall, F. C., degree, 1551
 Hall, F. R., appointment, 355, 1184
 Hall, Frances B., Cancer Fund, gift, 1474
 Hall, G. C., degree, 421
 Hall, Mrs. Gertrude S., appointment, 285
 Hall, H. O., appointment, 1448
 Hall, H. S., appointment, 142, 978
 Hall, J. C., degree, 801
 Hall, J. M., appointment, 570, 1186
 Hall, L. A., appointment, 1152
 Hall, M. J., degree, 1541
 Hall, M. Zella, appointment, 260, 1096
 Hall, Mary E., degree, 800
 Hall, Mollie, appointment, 320
 Hall, Richard E., insurance, purchase, 768, 769
 Hall, Robert E., degree, 820
 Hall, R. F., Jr., degree, 1568
 Hall, R. L., degree, 821
 Hall, Rosalie A., degree, 793
 Hall, S. G., appointment, 128, 962
 Hall, Shirley E., degree, 814
 Hall, Sylvia V., degree, 593
 Hall, Virginia P., degree, 408
 Hall, W. J., appointment, 674, 959, 1477
 degree, 790
 Hall, W. L., appointment, 280
 Hall, W. W., Jr., degree, 1537, 1542
 Hall, Zoe, appointment, 329, 1170
 Hallada, D. P., degree, 1281
 Halladay, Mrs. Dorothy, appointment, 1155
 Hallbeck, J. R., degree, 595
 Hallberg, A., appointment, 326, 1167
 Hallberg, I. H., degree, 1553
 Hallberg, J. W., degree, 590
 Hallbick, D. C., degree, 1549
 Halleman, R. S., degree, 596
 Hallene, A. M., degree, 804
 Hallerman, Hallie, appointment, 1170
 Hallett, E. D., degree, 821
 Hallman, T. M., fellowship, 1484
 declination, 1487
 Halloin, Carol J., degree, 796
 Hollowell, J. E., degree, 597
 Hollowell, R. E., appointment, 77, 910, 1450
 Hallsted, Joan E., degree, 812
 Hallstrom, H. E., degree, 815
 Hallstrom, Olga, appointment, 1173
 Hallworth, Alice, appointment, 1147
 Halpern, L. J., appointment, 360, 1189
 Halpern, R., degree, 1572
 Halpern, Rhoda, degree, 590
 Halpin, Margaret, appointment, 320, 1159
 Halpin, Mary A., degree, 1560
 Halpin, R. A., degree, 828
 Halpin, T. J., degree, 417
 Halsey, J. F., appointment, 134
 resignation, 573
 Halstengard, T., appointment, 330, 1172
 Haltiwanger, J. D., appointment, 1226

- Halverson, Mrs. Jane L., appointment, 277,
1113
Halverson, P. H., degree, 1565
Halvorson, H. O., appointment, 70, 903
degree, 1533
fellowship, 447
Ham, C. W., appointment, 128, 963
Ham, Nancy S., degree, 1545
Hambalck, M. S., degree, 791
Hambro, V. C. G., fellowship, 776, 1231, 1482
declination, 878
Hamburg, D. G., degree, 594
Hamburger, J., appointment, 1272
Hamerow, T. S., appointment, 1499
Hamill, R. C., appointment, 361, 1190
Hamilton, A., appointment, 63, 85, 896, 919
Hamilton, Mrs. Blanche H., appointment, 1124
Hamilton, C. R., degree, 1247
Hamilton, Elizabeth, scholarship, gift, 547,
1467
Hamilton, F., degree, 1394
Hamilton, J. A., appointment, 76, 693, 909,
1449
Hamilton, Juanita, appointment, 8, 319, 1158
Hamilton, L. W., degree, 813
Hamilton, M., certificate, 1338
Hamilton, N. T., appointment, 774, 971
Hamilton, R. T., appointment, 288, 1124
Hamilton, S. L., appointment, 1192
Hamilton, T. S., appointment, 102, 114, 935,
947
Hamlett, C. E., degree, 412
Hamlin, G. W., degree, 596
Hamlin, Herbert M., appointment, 143, 979
Hamlin, Howard M., appointment, 363, 1192
Hamm, A., degree, 813
Hamm, Harriet E., appointment, 260, 1096
Hamm, R. R., appointment, 290, 1126
Hammann, W. C., degree, 781
Hammer, E. F., degree, 823
Hammer, Gwendolyn F., degree, 414
Hammer, J. M., degree, 795
Hammer, Mariann T., degree, 1545
Hammer, Mary L., degree, 800
Hammitt, B. E., appointment, 272, 1108
Hammond, A. C., degree, 1546
Hammond, R. D., appointment, 1313
Hammond, S., resignation, 46, 403
Hammond, W. C., appointment, 356, 1185
Hammons, Georgia L., degree, 1249
Hamp, L., appointment, 156, 990
Hamper, W. R. T., degree, 586
Hampton, C. L., degree, 1394
Hampton, V. J., appointment, 63, 896
Hampton, W. J., appointment, 271, 1107
Hamrick, Nina C., appointment, 286, 1122
Hamson, E. M., degree, 409
Hanak, M. J., degree, 806
Hanawalt, G. O., degree, 1401
Hanberg, Charlene, appointment, 312, 1150
Hancock, Betty J., degree, 793
Hancock, Mary A., degree, 800
Hancock, Phyllis A., appointment, 264
Hancock, R. S., appointment, 140, 1349
leave of absence, 732
Hancock, Mrs. Ruth M., appointment, 286
Hancock, Shirley E., degree, 806
Hancock, W. O., degree, 585
Hand, C. T., degree, 817
Hand, H. C., appointment, 144, 692, 980,
1447
Hand, J. M., certificate, 842
Handegord, G. O., degree, 1245
Handel, J. A., degree, 821
Handelman, Barbara S., degree, 813
Handler, J. S., appointment, 198, 211, 393,
1047
Handler, P., appointment, 1272
Handley, Juanita, appointment, 328, 1170
Handwerker, Evelyn, degree, 806
Hanell, Norma J., degree, 1550
Hanes, W. W., appointment, 271, 1107
Haney, D. E., degree, 1247
Haney, Mrs. Edna E., appointment, 289, 1125
Haney, F. W., Jr., degree, 804
Haney, J., appointment, 318, 1155
Hanford, C. C., degree, 1561
Hang, D. F., appointment, 126, 693, 961, 1449
Hangar, Aviation, purchase, 671
Hanke, Dorothy E., appointment, 273, 313,
1109
Hankin, B., degree, 1572
Hankin, J. T., degree, 582
Hankin, R. L., degree, 1249
Hankins, L. J., degree, 1246
Hann, G. E., degree, 801
Hanks, W. F., degree, 1554
Hanna, C. E., degree, 816
Hanna, J. P., member of advisory committee,
1194
Hanna, L. B., contract, 667, 1496
Hanna, N. P., appointment, 256, 1094
Hannah, H. W., appointment, 94, 508, 928
Hanning, T. G., degree, 597
Hannum, R. C., degree, 1401
Hans, C. L., Jr., appointment, 358, 1042,
1378
resignation, 1530
Hansch, D. E., degree, 1286
Hanselman, R. C., appointment, 363, 1192
Hansen, E. J., degree, 577
Hansen, Elizabeth, appointment, 12
Hansen, Ellen P., degree, 414
Hansen, Mrs. Evelyn C., appointment, 330,
1172
Hansen, Mrs. Ingrid, appointment, 325, 1167
Hansen, J., appointment, 315, 1153
Hansen, Kathryn G., appointment, 84, 261,
917, 1097
Hansen, P., appointment, 274, 1110
Hansen, Patricia L., appointment, 333, 1174
Hansen, R. G., appointment, 7, 43, 937
degree, 821
Hansen, W. P., degree, 804
Hanson, A. O., appointment, 132, 967
Hanson, D. J., degree, 587, 1540
Hanson, Florence, appointment, 321
Hanson, J. L., degree, 784
Hanson, J. O., appointment, 363, 1192
Hanson, J. R., degree, 802
Hanson, J. W., appointment, 150, 985
Hanson, Jean M., degree, 1556
Hanson, L. E., appointment, 477, 947, 999
Hanson, Marilyn L., degree, 1551
Hanson, Mrs. Mary C., appointment, 266,
1102
Hanson, R. F., degree, 1395
Hanson, R. J., appointment, 202, 1037
Hanson, R. L., degree, 1548
Hanson, W. A., degree, 810
Hanson, Walter Edmund, appointment, 124
resignation, 1487
Hanson, Walter Erwin, appointment, 297,
1134
Hanssen, Dolores C., degree, 1538
Hanus, S. J., degree, 828
Hara, Frances S., appointment, 1097
Haraburda, Clare M., appointment, 325, 1166
Harbeson, R. W., appointment, 141, 971, 976
Harbison, Georgia M., degree, 407
Harcus, G. A., Jr., degree, 798
Hardenbergh, W. S., degree, 578
Hardenbrook, H. J., appointment, 163, 998
Harder, Mrs. Donna M., appointment, 1129
Harder, V. E., appointment, 393, 909, 1449
Hardesty, J. F., degree, 806
Hardin, B. W., appointment, 268, 1105
Hardin, Betty J. M., degree, 416
Hardin, G. D., contract, 543
Hardin, W. J., degree, 1392
Harding, A. A., appointment, 155, 157, 990,
992
portrait, gift, 551

- Harding, Florence M., appointment, 185, 1021
 Harding, Nancy, appointment, 1173
 Hardinge Brothers, Inc., purchase, 615
 Hardman, H. F., degree, 830
 Hardt, H. G., appointment, 356, 1184
 Hardt, H. G., Jr., appointment, 363, 1192
 Hardy, Mrs. Chlorine M., appointment, 295, 1132
 Hardy, G. B., appointment, 909, 1449
 Hardy, L. W., degree, 409
 Hardy, L. Y., degree, 801
 Hardy, W. S., degree, 1236
 Harer, R. J., degree, 419
 Harford, Dorothy B., appointment, 237, 244, 1076
 Harfredice Co., purchase, 560
 Hargis, Helen, appointment, 329
 Hark, F. W., appointment, 206, 1043
 Harker Hall, laboratory furniture, purchase, 853
 remodeling, appropriation, 470
 balance reappropriated, 1198
 contract, adjustment, 524, 561, 610, 770, 865, 1209, 1361, 1417
 transformer vaults, modernization, contract, 564
 release of funds, 540
 Harkness, B., appointment, 393, 693, 909, 1449
 Harlan, H. O., degree, 415
 Harlow, A. L., degree, 1242
 Harm, W. M., degree, 1561
 Harman, D. S., appointment, 362, 1190
 Harman, Marian, appointment, 184, 1003, 1019
 Harmeson, R. R., appointment, 290, 1127
 Harmon, H. H., letter, exemption of certain University properties from local real estate taxes, 1270
 report of General Policy Committee, 1331
 Harmon, J. E., appointment, 1460
 Harmon, M. M., degree, 1541
 Harmon, R. E., degree, 409
 Harms, A. G., appointment, 43, 871, 929
 Harms, Irene E., appointment, 547, 982
 Harms, W. E., degree, 581
 Harn, C. S., degree, 407
 Harnack, R. E., resignation, 403
 Harnack, Ruth A., degree, 793
 Harnedy, E. R., degree, 1558
 Harner, C. G., appointment, 644, 1180
 Harner, Naomi R., degree, 1550
 Harner, W. H., degree, 806
 Harness, R. B., appointment, 168, 250
 resignation, 878
 Harnischfeger Corp., gift, 556, 1474
 Harnish, W. E., appointment, 147, 149, 980, 984
 Harno, A. J., appointment, 164, 1000
 Harnstrom, A. S., Jr., degree, 1284
 Harper, Ann E., diploma, 1575
 Harper, C. E., appointment, 300
 Harper, C. L., degree, 1394
 Harper, E. M., appointment, 1105
 Harper, G. W., appointment, 129, 174, 964, 1010
 member of committee to hear charges against R. Taylor, 1293
 Harper, J. T., degree, 821, 1540
 Harper, Jean, degree, 828
 Harper, M. E., appointment, 306
 Harper, Nola B., gift, 551
 Harper Electric Furnace Corp., purchase, 467
 Harpole, G. D., degree, 1247
 Harrell, R. D., degree, 412
 Harrell, R. H., appointment, 180, 1016
 Harrell, T. W., appointment, 83, 916, 1272
 resignation, 1501
 Harridge, W. H., fellowship, 683
 Harrigan, G. R., degree, 1541
 Harrington, J. J., certificate, 842
 Harris, A., degree, 826
 Harris, Alma S., degree, 407
 Harris, Mrs. Audrey J., appointment, 1043, 1349
 Harris, Betty M., degree, 421
 Harris, C. W., degree, 819
 fellowship, 876
 Harris, Charlotte B., degree, 1558
 Harris, D. L., degree, 810
 Harris, D. M., degree, 1551
 Harris, E. E., appointment, 1136
 Harris, H. E., appointment, 644, 1181
 Harris, H. H., Jr., degree, 825
 Harris, H. S., fellowship, 681, 1334, 1352, 1485
 Harris, Helen, appointment, 11
 Harris, J., appointment, 364
 Harris, J. T., degree, 1239
 fellowship, 775
 declination, 777
 Harris, L. A., appointment, 871, 960
 Harris, M. M., certificate, 41
 Harris, P. E., appointment, 1125, 1477
 degree, 802
 Harris, P. P., Jr., degree, 806
 Harris, R. A., fellowship, 1278
 Harris, R. G., degree, 821
 Harris, R. L., degree, 809
 Harris, Ruth E., appointment, 261, 1097
 Harris, T. J., Jr., degree, 594
 Harris, T. L., appointment, 1448
 Harris, V. L., appointment, 274, 1110
 Harris, W. D., certificate, 41
 Harris, W. F., certificate, 603
 Harris, W. S., appointment, 130, 965
 leave of absence, 1531
 Harris & Keller, contract, 1201
 Harris & Wellman, purchase, 30, 559, 837
 Harris Hospital Supply, purchase, 1416
 Harrison, A. B., degree, 453
 Harrison, C. J., appointment, 360, 1189
 Harrison, D. I., degree, 424
 Harrison, E. F., degree, 420, 1388
 Harrison, E. J., degree, 1548
 Harrison, Ernestyne H., degree, 581
 Harrison, F. C., member of advisory committee, 36
 Harrison, H. R., degree, 595
 Harrison, J. C., appointment, 695
 Harrison, J. E., degree, 782
 Harrison, J. T., degree, 791
 Harrison, J. V., appointment, 530, 911
 Harrison, L. C., appointment, 1226
 Harrison, Madeline G., degree, 793
 Harrison, Mary E., appointment, 1178
 Harrison, Mildred, appointment, 1145
 Harrison, Norma Y., appointment, 266
 Harrison, P. W., Jr., appointment, 477, 674
 Harrison, Mrs. Roberta R., appointment, 694, 1273
 degree, 786
 Harro, G. L., degree, 1539
 Harron, Mrs. Helen M., appointment, 332, 1174
 Harroun, J. T., degree, 821
 Harry, L. W., appointment, 298, 1135
 Harshbarger, K. E., appointment, 104, 938
 Harshbarger, Mrs. Nadine, appointment, 1104
 Harshbarger Building & Supply Co., purchase, 468, 1416
 Hart, A. L., degree, 587
 Hart, Anna M., appointment, 1132
 degree, 1397
 Hart, C. E., degree, 412
 Hart, C. L., degree, 420
 Hart, E. O., appointment, 274, 1110
 Hart, Mrs. Evanelle, appointment, 1122
 Hart, G., appointment, 269, 1106
 Hart, G. A., degree, 824, 1574
 Hart, H., degree, 1558

- Hart, Mrs. May T., appointment, 285
Hart, Mrs. Nina L., appointment, 262
Hart, R. O., degree, 806
Hart, Mrs. Ruby D., appointment, 1092
Harter, G. L., appointment, 176, 1012
Hartley, Henrietta S., appointment, 355, 1183
Hartley, Lois T., appointment, 76
Hartley, M. C., appointment, 243, 1082, 1457
Hartley, P. A., appointment, 198, 1034
Hartley, T. C., appointment, 128, 694, 963, 1378
Hartline, H. B., member of advisory committee, 1195
Hartman, A. P., degree, 821
Hartman, Barbara A., appointment, 287, 1123
Hartman, C. F., appointment, 355, 1184
Hartman, C. G., appointment, 87, 920
Hartman, Eslie, appointment, 198
Hartman, I. K., degree, 1251
Hartman, J. R., degree, 1558
Hartman, K. W., degree, 424
Hartman, P. P., degree, 1566
Hartman, R. W., appointment, 333
Hartman, W. E., degree, 801, 1538
Hartmann, W., appointment, 1273
Hartoch, A. J., appointment, 241, 242, 1080, 1378, 1457
Hartrich, D. L., degree, 826
Hartrich, H. F., degree, 1541
Hartshorn, Mrs. Betty L., appointment, 256
Hartshorn, R. W., degree, 412
Hartshorne, G. H., degree, 424
Hartsook, E. W., degree, 1539
Hartsook, E. W., degree, 1539
Hartsook, Mrs. Marie, appointment, 1130
Hartung, H. K., degree, 1558
Hartwell, Helen M., diploma, 1575
Hartwell, V. P., insurance, purchase, 501
Hartwell, W. D., degree, 801
Hartz, Mrs. Fern M., appointment, 1125
Hartz, R. E., appointment, 1097
Hartzell, W. H., certificate, 1329
Hartzer, M. J., degree, 592
Hartzler, M. E., Jr., degree, 1567
Haruch, G. J., degree, 1401
Harvard, J. F., degree, 1399
Harvatin, L. J., degree, 1551
Harvey, D. E., degree, 817
Harvey, J. C., degree, 1398
Harvey, Nancy A., degree, 806
Harvey, O. M., appointment, 871, 1011
Harvey, R. A., appointment, 212, 230, 1048, 1069
Harvey, W. J., degree, 798
Harvison, G. E., degree, 1286
Harward, T., appointment, 176, 1012
Harwood, R. F., degree, 1542
Harwood Engineering Co., Inc., purchase, 375
Hasch, R. M., degree, 821
Hasegawa, A. T., appointment, 1148, 1273
Hasegawa, S., degree, 823
Haselton, R. T., degree, 577
Hasemeyer, Carol I., certificate, 1329
Hasenmyer, G. D., degree, 585, 1538
Hashimoto, S., degree, 1539
Hashioka, Mrs. May S., appointment, 308, 1145
Hashisaki, J., degree, 578
Hashisaki, J., degree, 578
Haskell, G. P., appointment, 75, 693, 908, 1449
Hasler, Mary A., appointment, 1096
Hasler, S. G., appointment, 871, 918, 1333
Hasler, S. G., degree, 821
Hass, G. M., appointment, 360, 1188
Hassed, J. D., degree, 796
Hassed, J. M., degree, 821
Hassin, G. B., appointment, 205, 1040
Hassler, P. M., degree, 1553
Hasterok, G. S., degree, 1395
Hastert, J. P., degree, 828
Hastings, C. C., member of advisory committee, 365
Hastings, J. P., degree, 1243
Hastings, J. T., appointment, 151, 986
Hatch, J. B., degree, 1401
Hatch, M. A., appointment, 176, 1011
Hatch, R. D., appointment, 163, 998
Hatcher, E. Janiece, appointment, 292
Hatch Fund, budget, 115, 275, 948, 1111
Hatfield, M. R., degree, 450
Hatfield, R. D., degree, 594
Hatfield, R. G., degree, 587
Hatfield, W. C., degree, 595
Hathaway, M. C., degree, 1547
Hathaway, S. D., appointment, 1378
Hathaway Instrument Co., purchase, 1263
Hattan, Corinne, appointment, 81, 914
Hatzis, Georgia P., degree, 806
Hauber, Mary E., degree, 800
Hauck, D. W., appointment, 177, 393, 508, 774
Hauck, D. W., appointment, 177, 393, 508, 774
Hauck, D. W., resignation, 777
Hauck, R. D., degree, 1538
Hauck, Mrs. Ruth E., appointment, 267
Haudrich, E. F., member of advisory committee, 1194
Hauersperger, F. J., degree, 1401
Haug, Elsie, appointment, 212, 570, 1190
Haugard, H. I., appointment, 299, 1135
Hauge, E. J., degree, 1552
Haughey, R. E., degree, 797
Haughton Elevator Co., contract, 650, 1312, 1327
Hauk, D., appointment, 311, 1146
Haungs, Alice J., degree, 810
Haupt, G. R., degree, 1400
Hauptfuehrer, J. D., appointment, 1152
Hauptman, M., degree, 823
Hauser, E. W., degree, 1554
Hauser, Harriett M., degree, 813
Hauserman, F. B., degree, 781
Haustrath, A. H., appointment, 134, 970, 1378
Haustrath, A. H., degree, 1535
Haustrath, Mrs. Mary E., appointment, 1130
Haustrath, Mrs. Mary L., appointment, 43
Havemann, R. V., degree, 812
Haven, Mrs. V. Merle, appointment, 268
Havener, Mrs. Roberta E., appointment, 260
Havens, C. S., appointment, 188, 508, 1023
Haver-Glover Laboratories, purchase, 1520
Haverland, E. M., fellowship, 1485
Haviland, E. M., fellowship, 1485
Haviland, E. M., declination, 1487
Haviland, Ada L., degree, 1244
Havlik, R. J., degree, 793
Havranek, J. C., appointment, 355, 1184
Hawes, G. L., degree, 1556
Hawes, H. C., member of advisory committee, 36
Hawk, Helen M., appointment, 271, 1108
Hawking, Mrs. Mary, appointment, 1163
Hawkins, E., appointment, 43, 216, 1053
Hawkins, E., declination, 1316
Hawkins, H. E., degree, 1552
Hawkins, Hilma L., degree, 784
Hawkins, R. E., degree, 828
Hawkins, W. B., fellowship, 447
Hawkins, W. B., resignation, 646
Hawks, Mrs. Frieda L., appointment, 1093
Haworth, C. T., degree, 453
Haworth, Catherine A., degree, 1286
Haworth, F. B., appointment, 141, 976, 1527
Haworth, Mrs. Helen E., appointment, 261, 1098
Haworth, Mrs. Helen E., degree, 1536
Haworth, L. L., degree, 1535
Haworth, L. L., fellowship, 681
Hawthorne, E. W., degree, 829
Hawthorne, Helen M., degree, 582
Hawthorne, Rosene, appointment, 260, 1096
Haxby, Mrs. Barbara K., appointment, 285, 1122
Haxby, Mrs. Barbara K., degree, 1536

- Haxby, J. W., III, degree, 822
 Hay, A. S., fellowship, 1481
 Hay, D. J., appointment, 975
 Hay, Elizabeth D., appointment, 393
 Hay, Helen M., appointment, 135, 971
 Hay, R. C., appointment, 97, 508, 930
 Hay, Roberta M., degree, 1560
 Hay, W. W., appointment, 124, 393, 958
 Hayashida, T., degree, 1572
 Hayden, D. B., appointment, 359, 1187
 Hayden, E. C., appointment, 127, 530, 962
 Hayes, H. M., appointment, 270, 1106
 Hayes, H. P., degree, 1563
 Hayes, J. L., degree, 423
 Hayes, Joanne D., degree, 817
 Hayes, Maria P., appointment, 1135
 Hayes, Mary D., degree, 1388
 Hayes, R. E., certificate, 41
 Hayes, Rose B., appointment, 1060, 1226
 Hayes, Vivian R., degree, 407
 Hayes, W. B., Jr., insurance, purchase, 768
 Hayes, W. P., appointment, 77, 910, 1449
 Hayes Custom Kitchen House, purchase, 711
 Hayes Scientific Appliances, purchase, 502
 Hayman, A., appointment, 1273, 1449, 1477
 degree, 577
 Haynes, Mrs. Jane R., appointment, 1132
 Haynes, M. K., degree, 450
 Haynes, T. M., appointment, 393, 1273
 Hays, Mrs. Althea, appointment, 1158
 Hays, Blanche L., appointment, 287
 Hays, C. K., appointment, 272, 1109
 Hays, E. M., Plumbing & Heating Co., contract, 368, 1290
 adjustment, 669, 713, 770, 1417, 1521
 Hays, R. L., appointment, 104, 938, 949
 Hays and Sims, purchase, 500
 Hayton, B. Q., degree, 412
 Hayward, D. R., degree, 1576
 Hayward, H. N., appointment, 122, 126, 955, 960
 Haywood, H. V., degree, 412
 Hayya, J., degree, 1551
 Hazard, F. E., degree, 577
 Hazleton, H. A., appointment, 198, 238, 644, 1033, 1077
 authority to sign name of Comptroller on withdrawals from Dentistry, Medicine, and Pharmacy Construction Fund Account, 666
 authority to sign name of President of Board, 602, 1404
 Hazleton, Patricia J., degree, 1558
 Hazlett, Joan L., appointment, 314, 1152
 Hazlett, Olive C., appointment, 80, 913
 Hazlett, W. H., appointment, 363, 1191
 Head, growth, research, gift, 555
 Headley, J. C., degree, 1549
 Heagan, Mrs. Beatrice M., appointment, 1153
 Heald, T. R., appointment, 280, 1116
 Healey, E. H., degree, 455
 Healey, E. L., degree, 1247
 Health education, master's degree, 652
 Health Service, appropriations, balances re-appropriated, 37, 40, 1196
 budget, Chicago Professional Colleges, 198, 305, 1032, 1141
 Chicago Undergraduate Division, 239, 331, 1079, 1173
 Urbana-Champaign departments, 65, 263, 898, 1099
 electric energy supply, contract, 864
 malpractice insurance, appropriation, 434
 purchase, 501
 remodeling, appropriation, 366, 470
 contract, adjustment, 523, 524, 865
 X-ray equipment, purchase, 712
 Healy, G., degree, 1398
 Healy, Mrs. Hazel M., appointment, 304, 1140
 Healy, J. H., degree, 781
 Heaney, N. S., appointment, 356, 1185
 Heape, H. T., degree, 1392
 Hearity, Anne M., degree, 1573
 Hearn, Mrs. June M., appointment, 73
 resignation, 777
 Hearn, W. R., degree, 781
 resignation, 777
 Heart, research, gift, 1472
 Heart exhibit, contract, 1346
 funds, gift, 554
 Heart-o-grams, study, contract, change, 1328, 1417
 Heartstedt, E. J., degree, 588
 Heaster, J. R., degree, 1398
 Heater, E. F., appointment, 121, 508, 954
 Heath, Helen A., appointment, 393
 Heath, J. D., degree, 824, 1574
 Heath, Joyce, degree, 1554
 Heatherman, E., appointment, 329, 1171
 Heathman, Jessie E., appointment, 117, 118, 950, 952
 Heating, contract, Agricultural Engineering Annex, 847
 Busey Hall, 763
 David Kinley Hall, 24
 East Chemistry Building, addition, 27
 East Dentistry-Medicine-Pharmacy Building, 1414
 Huff Gymnasium, 340
 Men's Residence Halls expansion, 763, 1290
 minor alterations and remodeling, 368, 848, 1518
 Noyes Laboratory, 345, 527, 1203
 pump vault at northwest corner of Administration Building, 863
 Radiocarbon Laboratory, 638
 Research and Educational Hospitals Addition, addition, 1262
 change, 640
 plant breeding greenhouse, improvements, appropriation, 520
 residence hall in Chicago, 650, 1312
 Staff Apartment Building in Chicago, 650, 1312
 Stock Pavilion addition, 846
 Veterinary Medicine Building, addition, 438
 Veterinary Medicine Building annex, 493
 steam and water, study, contract, change, 1208, 1306
 Heaton, D. J., degree, 1549
 Heaton, Martha H., appointment, 84
 Hebel, A. J., degree, 821
 Heberer, R. L., degree, 1567
 Heberlein, Leona V., degree, 412
 Heberling, J. W., Jr., degree, 420
 Hebrank, E. F., appointment, 129, 508, 964
 Hechtman, R. S., book, printing, funds, gift, 548
 Heck, C. V., appointment, 207, 1043
 leave of absence, 479
 Heck, Delma-Jane, appointment, 295, 1132
 Heck, G. F., Jr., degree, 1553
 Heck, W. W., fellowship, 775, 1334
 Heckel, Eileen, appointment, 1193
 Heckel, N. J., appointment, 364, 1192
 Heckert, C. J., certificate, 1329
 Heckert, Flowerie, appointment, 184
 Heckman, Elizabeth C., appointment, 269, 1105
 Heckman, M. A., degree, 806
 Heda, B. A., degree, 826
 Hedberg, Carolyn B., degree, 1565
 Hedde, C. L., degree, 828
 Hedgcock, Mary L., degree, 1560
 Hedgcock, W. R., degree, 592, 1546
 Hedges, W. C., degree, 1551
 Hedges, W. L., degree, 824, 1574
 Hedmark, H. L., degree, 823
 Hedstrom, C. N., degree, 588
 Hedstrom Barry Co., purchase, 853

- Heenan, Elsie F., degree, 1558
 Heeney, J. M., degree, 1394
 Heesch, D. S., appointment, 774
 degree, 579
 Heffernan, H. J., degree, 1568
 Heffernan, Patricia A., appointment, 244
 declination, 403
 Heffron, Charlotte, degree, 787
 Heffron, R. B., degree, 1249
 Heffer, F. M., degree, 1547
 Heffer, H. O., degree, 801
 Heffer, J. A., degree, 1560
 Hegeman, L. K., degree, 597
 Hegg, Ann C., degree, 807
 Hegg, H. L., fellowship, 1485
 Hegie, Mrs. Lucy S., appointment, 242, 1081,
 1273
 Hegland, L. W., degree, 1282
 Hegland, Mrs. Virginia, appointment, 76
 Heicke, R. H., appointment, 256, 1093
 Heicke, Mrs. Ruth C., appointment, 257
 Heidenreich, C. J., degree, 1247
 Heider, Mrs. Dorothy, appointment, 1129
 Heider, L. N., degree, 1389
 Heiderscheid, M. V., degree, 1242
 Heidinger, Virginia A., degree, 1391
 Heidkamp, J. C., certificate, 1329
 Heifers, Animal Science, purchase, 343, 377
 Heil, DeLois, appointment, 11, 1308
 Heil, E. J., Jr., degree, 1401
 Heilman, Ann E., appointment, 244, 1083,
 1458
 Heilpera, Gisela, appointment, 1226
 Heim, A. J., degree, 1399
 Heimann, D. Y., degree, 589
 Heimann, Mrs. Louise E., appointment, 1119
 Heimbürger, Mrs. Marjorie J., appointment,
 1112
 Heimrich, C. W., degree, 786
 Hein, Mrs. Minnie S., appointment, 315, 1153
 Heinen, J. A., degree, 587
 Heinen, Lydia K., appointment, 324, 1146
 Heinicke Instrument Corp., purchase, 500
 Heinkel, H. H., certificate, 41
 Heins, A. E., Jr., degree, 804
 Heintze, F. R., degree, 587
 Heinz, D. M., degree, 1401
 Heise, W. G., degree, 1562
 Heisler, J. E., Jr., degree, 578
 fellowship, 512
 resignation, 646
 Heitz, H. W., Jr., degree, 588
 Heitzeberg, C. A., appointment, 393
 degree, 792
 Hejna, R. L., degree, 1554
 Helander, A. N., degree, 1565
 Helbling, F. T., appointment, 297, 1134
 Helbling, N. A., degree, 1398
 Held, H. W., certificate, 1338
 Held, Stella M., degree, 1242
 Heldmaier, C. A., degree, 1562
 Heldt, C. R., appointment, 162, 164, 508, 997,
 999
 Helgeson, H. R., degree, 1248
 Helberg, H. C., appointment, 318, 1156
 Hellebrandt, Frances A., appointment, 1269
 Heller, A., degree, 1576
 Heller, Mrs. Dorothy J., appointment, 1106
 Heller, H., degree, 584, 1548
 Heller, H. A., degree, 1561
 Heller, J. L., appointment, 73, 88, 906, 921,
 1447
 fellowship, 681
 declination, 683
 Heller, R. B., appointment, 295, 1132
 Heller, W. R., appointment, 133
 Hellmann, R. J., appointment, 690
 degree, 1385
 Hellmer, L. A., appointment, 60, 83, 892, 916
 Helly, W. S., degree, 795
 fellowship, 776
 Helm, D. W., degree, 797
 Helm, K., degree, 1401
 Helm, M. M., degree, 797
 Helm, M. S., appointment, 126, 693, 960,
 1448
 Helm, Marilyn A., degree, 1554
 Helme, Nancy E., degree, 420
 Helmericks, R. E., appointment, 286, 1123
 Helmholz, F. A., degree, 1554
 Helms, H. L., appointment, 277, 1113
 Helms, Mrs. Pearl M., appointment, 257,
 1093
 Helper, M. M., degree, 787
 Heltsley, R. G., degree, 1549
 Helwig, R. J., certificate, 488
 Hematology, research, gift, 1471
 Hematology fund, addition, gift, 552
 Hembrough, Betty L., degree, 806
 Hembrough, F. B., appointment, 288
 degree, 1568
 Hemenway, R. D., degree, 1396
 Hemenway, W. G., appointment, 1188
 Heming, D. J., degree, 1394
 Hemkin, Reba, appointment, 1156
 Hemmy, Mary L., appointment, 1406
 approval deferred, 1357
 Hempler, H. W., appointment, 1116
 Hemwall, J. B., degree, 1549
 Henderson, A., degree, 791
 Henderson, B. L., degree, 784
 Henderson, D. E., degree, 1394
 Henderson, D. M., appointment, 78, 911, 1450
 Henderson, J. A., degree, 1565
 Henderson, K. B., appointment, 145, 692, 980,
 1447
 leave of absence, cancellation, 704
 services to Department of State, 462
 Henderson, LaVell M., appointment, 72, 690,
 905, 1446
 Henderson, Lehmann M., degree, 823
 Henderson, M., appointment, 93, 926
 Henderson, O. W., degree, 1245
 Henderson, Mrs. Ramona L., appointment,
 1099
 Henderson, Mrs. Syble E., appointment, 264
 Henderson, W. J., appointment, 530, 1049
 Henderson, W. R., degree, 1247
 Henderson, W. T., degree, 799
 Hendren, W. P., degree, 1568
 Hendricks, B. N., degree, 597
 Hendricks, D. G., degree, 800
 Hendricks, J. W., degree, 424
 Hendricks, R. A., fellowship, 478
 Hendrix, J. W., degree, 824, 1574
 Hendrix, Virginia J., appointment, 255, 1092
 Heneberry, J. E., degree, 1549
 Henke, M. L., degree, 1561
 Henley, Alma G., degree, 595
 Henley, M. E., degree, 801
 Henneberry, Geraldine C., degree, 813
 Henneberry, Mary E., appointment, 11, 1308
 Henneman, R. J., Jr., appointment, 300, 1136
 Henner, R., appointment, 359, 1187
 Henning, D. A., appointment, 140, 690, 975,
 1446
 Henning, E. H., certificate, 842
 Henninger, E. S., degree, 791
 Henninger, R. L., degree, 798
 Hennip, P., appointment, 339, 1175
 Henriouille, E. L., appointment, 570, 1047,
 1313
 Henry, B. A., degree, 585
 Henry, D. E., degree, 812
 Henry, D. J., degree, 1551
 Henry, Mrs. Henrietta, appointment, 316,
 1154
 Henry, J. A., appointment, 129, 893, 963,
 1456
 Henry, J. H., degree, 1389
 Henry, J. L., degree, 829
 Henry, J. M., degree, 816

- Henry, J. P., degree, 826
 Henry, Jvonne J., degree, 817
 Henry, R. E., degree, 587
 Henry, R. T., degree, 804
 Henry Wild Surveying Instruments Supply Co. of America, Inc., purchase, 468
 Hensel, Iva E., appointment, 327
 Hensel, J., appointment, 315, 1152
 Hensler, D. J., degree, 1563
 Hensold, W. F., degree, 419
 Henson, R. D., appointment, 128, 963, 1378
 declination, 1425
 resignation, 1382
 Henss, Mrs. Marion J., appointment, 267
 Henss, R. R., degree, 801
 Henton, Lois, appointment, 1095
 Hentz, J. H., appointment, 1131
 Henze, E. D., degree, 1285
 Hepler, Kathryn, appointment, 1477
 Herbicides, research, gift, 1469
 Herbst, C. L., degree, 1541
 Herbst, C. Y., degree, 1393
 Herbst, D. R., degree, 1396
 Herbst, J. H., degree, 581
 Herbst, L. B., Corp., purchase, 30, 439, 559, 837, 1416
 Herbst, R. H., appointment, 364
 Herbst, R. R., appointment, 1186
 Hercher, E. R., degree, 817
 Herder, Nella D., appointment, 8
 Herdrich, W. F., degree, 804
 Herdsman, work schedule, change, 705
 Hereford calves, dwarfism, study, 33
 Herfindahl, O. C., appointment, 141, 393, 691
 declination, 878
 resignation, 878
 Herinckx, P. G. M., degree, 785
 Herklotz, J. C., certificate, 842
 Herlean, R. E., degree, 578
 Herlehy, J. L., certificate, 842
 Herlocker, H. O., degree, 801
 Herman, C. E., appointment, 170, 508, 1005
 leave of absence, 684, 879
 Herman, D. J., degree, 1562
 Herman, M., degree, 1401
 Herman, R. H., degree, 1572
 Herman, W. R., degree, 789
 Hermann, D. F., appointment, 331
 Hermann, Lenore, appointment, 322
 Hermansen, Mrs. Evelyn C., appointment, 1133
 Hermitage and Polk Streets, parking lot, re-surfacing, contract, 707
 sidewalks and curbs, replacement, contract, 370
 Hermitage Avenue, buildings at 824, 914, 920, 924, South, demolition, contract, 1204
 prevailing wage rates, schedule, 1205
 buildings on site of East Dentistry-Medicine-Pharmacy Building, demolition, contract, 1304, 1324
 sidewalks, contract, 865
 Hern, Evelyn L., appointment, 1116
 Hernacki, R. P., degree, 797
 Hernandez, E. P., degree, 595, 1540
 Hernandez, Leonar, appointment, 321
 Herndon, Barbara B., degree, 1554
 Herndon, F. E., member of advisory committee, 1104
 Herndon, L. L., degree, 785
 Hernecheck, L. G., appointment, 297, 1133
 Herold, L. G., degree, 1395
 Heron, Dolores T., degree, 807
 Herr, M. J., degree, 828
 Herr, W. M., degree, 1538
 Herreid, E. O., appointment, 105, 939
 Herreid, L. A., degree, 1550
 Herreid, P. C., certificate, 1329
 Herrick, A. B., degree, 1533
 Herrick, D. R., degree, 791
 Herrick, J. R., appointment, 352, 1181
 Herrick, M. T., appointment, 74, 75, 907, 908
 Herrick, R. R., degree, 1553
 Herrick, W., authority to sign revenue bonds for residence halls expansion, 1343
 member of committees, 459, 602, 603, 1222, 1405, 1422
 Herriott, W. L., appointment, 273, 1109
 Herrmann, Barbara A., degree, 1550
 Herrold, R. D., appointment, 213, 1049
 Herron, R. H., degree, 789
 Herron, R. P., Jr., degree, 1543
 Herron, T. J., degree, 1394
 Hersh, J. I., certificate, 41
 Hershey, A. W., appointment, 246, 508, 1085
 Hershey, Marilyn R., degree, 817
 Herskind, E. R., appointment, 316, 1153
 Hersko, M., degree, 1388
 Hersko, Ruth M., degree, 1397
 Herstein, Esther, appointment, 323, 1166
 Herstowski, J. L., Jr., degree, 597
 Herstrom, Mrs. Hazel S., appointment, 277, 1113
 Hertel, E. R., degree, 1395
 Hertel, E. E., degree, 595
 Hertz, R. F., degree, 1396
 Hertzberg, E., & Sons, purchase, 767
 Hertzmann, O. N., degree, 804
 Hervey, Beatrice, appointment, 12
 Herz, P., Jr., degree, 821
 Herz, P. W., degree, 824, 1574
 Herzberg, Muriel J., degree, 1564
 Herzberger, G. A., degree, 585
 Herzberger, Jane E., degree, 820
 Herzer, I., degree, 1248
 Herzog, M. J., degree, 1554
 Herzstock, W. P., degree, 806
 Heskamp, Castella S., diploma, 1575
 Hess, J. A., appointment, 259, 1095
 Hess, J. B., degree, 1245
 Hess, J. H., appointment, 208, 1045
 member of advisory committee, 562
 Hesse, A. L., appointment, 307, 1141
 Hessenberger, R. R., degree, 1389
 Hessler, Joan L., degree, 802
 Hessler, V. P., appointment, 126, 960
 Hetreed, F. W., appointment, 352, 1180
 Heuer, J. A., degree, 816
 Heumann, K. F., degree, 575
 Heurich, R. W., degree, 816
 Heverly, Germania M., degree, 1565
 Hewitt, B. W., appointment, 86, 699, 700, 919, 1455
 Hewitt, C. H., degree, 1543
 Hewitt, J. M., appointment, 362, 774, 1191
 Hewitt, R. E., degree, 1242
 Heyden Chemical Corp., stock, sale, 834
 Heydorn, J. H., degree, 1563
 Heyen, M. C., degree, 1549
 Heym, Gloria A., appointment, 1527
 Heyman, I. S., Jr., degree, 816
 Heyman, R. M., degree, 1576
 Hibben, R. D., degree, 815
 Hibbs, W. G., appointment, 353, 1181
 Hick, F. K., appointment, 204, 1039
 Hickenlooper, I. J., appointment, 278, 393, 959
 Hickerson, R. D., degree, 812
 Hickey, Alice G., degree, 813
 Hickey, Mrs. Anna L., appointment, 285, 1121
 Hickey, Mary, appointment, 328
 Hickman, A. R., degree, 1549
 Hickman, C. A., appointment, 140, 142, 975, 977
 Hickman, C. W., degree, 595
 Hickman, D. D., appointment, 477, 946
 Hickman, J. M., degree, 455
 Hickman, R. Z., member of committees, 428, 459, 602, 603, 1405, 1422
 representative on Merit Board of University Civil Service System of Illinois, 844
 Hicks, Mrs. Freda M., appointment, 329, 1170
 authority to sign name of Secretary of Board, 5, 602, 1405

- Hicks, R. C., appointment, 1096
Hicks, R. G., degree, 410
Hieken, M. H., degree, 1552
Hieronymus, T. A., appointment, 95, 871, 929, 949
Hieser, H., certificate, 1357
Hieser, Lucile, appointment, 109, 119, 943, 952
leave of absence, 1503
Hiett, E. L., certificate, 488
Higgins, H. G., Jr., appointment, 1254
Higgins, Charna C., degree, 590
Higgins, E. A., degree, 1398
Higgins, H. H., degree, 1546
Higgins, J. V., degree, 784
Higgins, Mary E. J., degree, 596
Higginson, G. D., appointment, 83, 508, 916, 1454
Higher education, effect of emergency manpower problems, report, 516
state board, legislation, proposed, 716
structure of state tax-supported system, study, report, 516, 634
Highet, R. D., degree, 586
Highland, F. D., degree, 577
Highlander, J. L., degree, 1538
High school education program, survey, contract, 1207
High School Guidance Conferences, budget, 67, 899
High School Testing Revolving Account, budget, 986, 1122
Highsmith, June E., degree, 811
Highsmith, L. B., degree, 422
Highway bridge impacts, study, contract, 378
Highway bridges, study, contract, 769
change, 769, 1495
Highway drainage, study contract, change, 865
Highway problems, study, contract, change, 1208
Higman, D. G., appointment, 1452
degree, 578, 1534
Higman, Mrs. K. Betty, appointment, 295
Higuchi, Y., degree, 1545
Hikido, Mae K., appointment, 309, 1146
Hildebrand, Minna, appointment, 327, 1169
Hildebrandt, V. D., appointment, 131, 966
Hildreth, D. L., degree, 422
resignation, 646
Hildreth, Mrs. Marjorie M., appointment, 271, 272, 1108
Hileman, D. G., appointment, 1003
degree, 793
resignation, 1352
Hileman, D. L., degree, 1564
Hileman, Mrs. Shirley A., appointment, 301
Hilf, J. H., Jr., degree, 815
Hilfman, Ruth I., appointment, 327
Hilgard Lumber Co., purchase, 712
Hilgeman, I. C., certificate, 842
Hilker, Gloria L., appointment, 239, 570, 1079, 1273
Hilkevitch, B. H., appointment, 353, 1182
Hill, A. F., degree, 577
Hill, Alice A., appointment, 258, 1094
Hill, B. W., appointment, 129
degree, 415
resignation, 573
Hill, C. R., appointment, 350, 393, 692, 982, 985
Hill, D., appointment, 325, 1167
Hill, D. M., degree, 828
Hill, D. R., degree, 580
Hill, Mrs. Deane W., appointment, 184, 1019
resignation, 1334
Hill, E. J., Jr., appointment, 364
resignation, 573
Hill, E. Z., degree, 823
Hill, Edna, appointment, 11, 1308
Hill, G. A., degree, 1549
Hill, G. E., degree, 797
Hill, G. G., degree, 592
Hill, H. E., appointment, 167, 289, 695, 1002, 1125, 1451
Hill, Iris, appointment, 317, 1154
Hill, J. E., degree, 1394
Hill, J. G., degree, 821
Hill, J. M., degree, 1572
Hill, L. C., degree, 821
Hill, L. J., Jr., degree, 1248
Hill, L. L., appointment, 393, 965
Hill, Mae W., degree, 1250
Hill, Marie, appointment, 290
Hill, Phyllis J., appointment, 1527
Hill, R. D., appointment, 132, 967
Hill, R. E., degree, 414
Hill, R. W., fellowship, 1500
Hill, Mrs. Rosemary F., appointment, 644, 906, 1273
Hill, S. L., degree, 818
Hill, Sydney S., degree, 1554
Hill, T. H., degree, 798
Hill, V. L., degree, 1399
Hill, W. G., appointment, 155, 696, 990, 1452
Hill, W. V., degree, 823
Hill, Y. M., degree, 575
Hillebrand, H. N., appointment, 75, 908
Hiller, Alma E., appointment, 352, 1180
Hiller, E. T., appointment, 84, 918
Hillman, H. F., degree, 1394
Hillyard, E. L., degree, 412
Hilsabeck, Lois E., degree, 1250
Hilst, P. A., certificate, 842
Hilton, B. W., Jr., degree, 1553
Hilton, H. H., appointment, 122, 688, 956
degree, 783
Hilvety, N., degree, 1249
Hilyer, G. P., Jr., degree, 417
Himelbloom, Y., degree, 1558
Himes, Doris A., degree, 1247
Hinchcliff, K. H., appointment, 97, 119, 393, 930, 948, 952
Hinchman, Helen N., degree, 582
Hinckle, W. C., degree, 1284
Hinckley Implement House, purchase, 712
Hinde, J. E., degree, 1552
Hinderliter, Mrs. Alice L., appointment, 1112
Hinderliter, H. R., degree, 798
fellowship, 775, 1479
declination, 878
Hindmarsh, Joanne, degree, 1556
Hinds, W. R., appointment, 329, 1171
Hindsley, M. H., appointment, 155, 157, 696, 990, 992
invention, patent rights, release, 765
Hindsley, Marilyn L., degree, 1252
Hinebaugh, M. E., degree, 802
Hines, E., Lumber Co., purchase, 837
Hines, H. P., certificate, 1330
Hines, Mrs. Janet L., appointment, 267, 1103
Hines, Margaret N., appointment, 477
Hines, Mrs. Mary D., appointment, 1175
Hines, R. H., degree, 1387
fellowship, 1486
Hines, R. W., degree, 1399
Hinkle, R. S., degree, 820
Hinman, R. L., degree, 1533
fellowship, 677, 678
Hinrichs, E. A., & Co., purchase, 440
Hinrichs, Marie A., appointment, 65, 898, 1527
Hinshaw, W. W., appointment, 300, 1136
Hintermeister, D. A., appointment, 1477
degree, 585
Hintermeister, G. G., degree, 1393, 1568
Hinton, R. A., appointment, 394, 929, 948
degree, 452
Hinton, R. W., appointment, 265, 1101
Hintz, A. E. C., degree, 817
Hintz, Mrs. Gladys M., appointment, 292
Hipple, Mrs. Eleanor K., appointment, 242, 1081, 1457
Hiram Walker & Sons, Inc., contract, 769
change, 1306

- Hire, Mrs. Rose M., appointment, 1112
 Hiron, S. S., degree, 1242
 Hirsch, Betty, degree, 812
 Hirsch, F. E., appointment, 360, 1188
 Hirsch, H. M., degree, 575
 resignation, 532
 Hirsch, J. G., certificate, 1338
 Hirsch, L. H., certificate, 41
 Hirsch, M. M., appointment, 729, 1047, 1226
 resignation, 1487
 Hirsch, P., degree, 1572
 Hirsch, W. A., III, degree, 1552
 Hirsch Tyler, Co., purchase, 1495
 Hirschmann, J. H., appointment, 509, 1184
 Hirsh, Mrs. Jeanne, appointment, 1125
 Hirtzer, Mrs. Patricia L., appointment, 293
 Hiscock, E. H., appointment, 205
 resignation, 731
 Hiscocks, G. A., degree, 578
 fellowship, 676
 Hiscocks, Mrs. Valerie C., appointment, 1107
 Hiser, H. W., degree, 821
 Hislop, A. O., degree, 587
 Hiss, F. W., appointment, 354, 1183
 Histochemistry, research, gift, 554
 Histology, budget, 218, 313, 1054, 1151
 research, gift, 555, 1217
 History, budget, 79, 266, 912, 1103
 summer session, 695, 1450
 fellows, 680, 1484
 Sachar prize, gift, 1211
 History of art, curriculum, 536
 major and minor requirements, 536
 Hitch, T. D., degree, 797
 Hitch, W. D., degree, 802
 Hitch, Mrs. Winona, appointment, 1131
 Hitchen, R. L., degree, 424
 Hite, Lillian, appointment, 1453
 Hitt, W. H., degree, 1536
 Hitzeman, R. L., degree, 586
 Hivon, Katharine J., appointment, 351, 394,
 943
 Hixson, E. E., degree, 787
 Hixson, Sylvia B., appointment, 260, 1096
 Hlinka, E. A., degree, 424
 Ho, C. H., appointment, 1423
 degree, 1388
 Hoadley, L. E., degree, 801
 Hoadley, Mary C., degree, 1550
 Hoag, Mrs. Lois H., appointment, 263, 1099
 Hoag, M. W., appointment, 280, 1116
 Hoban, T. J., appointment, 354, 1183
 leave of absence, 646
 Hobbs, Elizabeth, fellowship, 1486
 Hobbs, J. H., degree, 819
 Hobbs, L. W., certificate, 1330
 Hobbs, N. L., degree, 593
 Hobson, Helen L., degree, 1550
 Hobson, W. R., degree, 798
 Hoch, A. A., degree, 590, 1386
 Hoch, C. L., appointment, 259
 Hoch, Rita A., appointment, 729, 1058
 resignation, 1502
 Hochmuth, Marie, appointment, 86, 699, 920
 Hochschild, G. P., appointment, 80, 913
 leave of absence, 879
 Hochschild, Ruth H., degree, 786
 fellowship, 680
 resignation, 878
 Hock, C. L., appointment, 1096
 Hockett, W. A., degree, 1549
 Hockey field, reconditioning, appropriation, 23
 Hodam, Louise M., degree, 800
 Hodge, Eleanor N., degree, 1242
 Hodge, Fern, degree, 1565
 Hodge, H., certificate, 1254
 Hodgell, M. R., appointment, 394, 931, 949
 Hodges, Mrs. Marie, appointment, 1163
 Hodgkins, D. O., degree, 597
 Hodgson, F. M., degree, 577
 Hodgson, Ruth A., appointment, 110
 resignation, 878
 Hodgson, T. F., appointment, 1378
 Hoefle, R. A., degree, 801
 Hoefling, Frances, appointment, 319, 1158
 Hoeft, N. R., degree, 1242
 Hoehn, A. J., degree, 575
 Hoehn, F. W., degree, 804
 Hoelck, A. C., degree, 1565
 Hoelscher, G. W., member of advisory com-
 mittee, 1196
 Hoelscher, R. P., appointment, 128, 962
 leave of absence, 604
 Hoelterhoff, F. W., degree, 1400
 Hoeltge Bros., Inc., purchase, 669
 Hoeltgen, M. M., appointment, 359, 1188
 Hoeltje, W. C., degree, 1388
 Hoem, J. C., degree, 804
 Hoen, A. & Co., purchase, 1305
 Hoener, Dorothy H., degree, 1238
 Hoerr, Phyllis J., degree, 1564
 Hoerrmann, F. J., degree, 1551
 Hoersch, V. A., appointment, 81, 696, 914,
 1452
 Hoertz, A. E., Jr., degree, 1400
 Hof, R. S., degree, 597
 Hofbauer, D., lease, 1361
 Hofer, J. C., degree, 786
 Hoff, D. R., degree, 1557
 Hoff, Mrs. Lucille, appointment, 318, 1157
 Hoffing, Mrs. Betty R., appointment, 332
 Hoffman, C. J., degree, 575
 Hoffman, C. W., fellowship, 1484
 Hoffman, Constance J., degree, 1557
 Hoffman, E. L., Jr., fellowship, 1484
 Hoffman, H. A., degree, 422
 Hoffman, H. R., appointment, 361, 1190
 Hoffman, Henrietta L., degree, 586
 Hoffman, J. H., certificate, 1329
 Hoffman, J. W., appointment, 127, 962
 Hoffman, R. A., certificate, 488
 Hoffman, R. M., degree, 1558
 Hoffman, R. T., degree, 591
 Hoffman, R. V., Jr., appointment, 44, 360,
 1188, 1378
 Hoffman, R. W., degree, 798
 Hoffman, Mrs. Ruth, appointment, 306
 Hoffman, S. J., appointment, 360, 1189
 Hoffman, W. J., degree, 820
 Hoffman, W. S., appointment, 361, 1190
 Hoffman Electric Co., contract, 650, 1312
 Hoffman-LaRoche, Inc., gift, 552, 1471
 Hoffmann, C. W., degree, 1536
 fellowship, 680
 Hoffmeister, D. F., appointment, 87, 88, 921
 leave of absence, 1408
 Hofstetter, H. E., degree, 587
 Hogan, J. D., appointment, 154, 689, 989
 leave of absence, 1531
 Hogan, W. J., degree, 1572
 Hogan, W. T., degree, 1576
 Hogberg, R. A., degree, 1251
 Hogg, M. W., appointment, 976, 1226
 resignation, 1352
 Hognestad, E., appointment, 135, 394, 969
 Hohenboken, A. K., member of advisory com-
 mittee, 1194
 Hohlman, R. J., certificate, 41
 Hohman, W. F., degree, 1563
 Hohn, F. E., appointment, 81, 696, 914
 Hoyt, L., degree, 824, 1574
 Hokada, G. S., certificate, 41
 Holabird and Root and Burgee, architectural
 services, Life Sciences Building, 474
 Physical Plant Service Building, 438, 609
 Holaday, A. G., appointment, 75, 908
 Holaday, J. W., degree, 1547
 Holbert, J. R., member of advisory committee,
 1194
 Holbrook, J. D., appointment, 293
 Holcomb, J. I., Manufacturing Co., purchase,
 711
 Holden, Mrs. Margaret G., appointment, 329,
 1171

- Holder, L. G., degree, 419
 Holdoway, Mary A., degree, 1556
 Holhubner, F. J., degree, 798
 Holidays, nonacademic employees, 1432
 policy, amendment, action deferred, 1517
 proposed, 1514
 Holinger, P. H., appointment, 207, 1043
 member of advisory committee, 562
 Holl, J. W., appointment, 394
 degree, 794
 Holl, Zelma C., appointment, 255, 1092
 Hollack, P. J., degree, 591
 Holladay, Mrs. Dee M., appointment, 246,
 1085
 Holladay, J. S., Jr., degree, 1558
 Holland, Bette A., appointment, 1098
 Holland, J. C., certificate, 1338
 Hollandbeck, Mrs. Bonnie I., appointment,
 1102
 Hollandbeck, R., degree, 1285
 Hollander, Mrs. Laura, appointment, 307
 Holle, A. W., degree, 423
 Hollenbeck, H. B., appointment, 7, 44, 698,
 1016, 1454
 Hollender, A. R., appointment, 359, 1187
 Hollender, M. H., appointment, 362, 1190,
 1273
 Holleran, N. J., Inc., bid, 658
 Hollerbach, P. G., degree, 804
 Holley, G. H., degree, 1562
 Hollingsworth, Betty A., degree, 806
 Hollingsworth, Janet, appointment, 1097
 Hollister, Wilma W., degree, 1550
 Hollman, N. H., degree, 1571
 Holloway, F. L., appointment, 394, 703, 1082
 Holloway, Mrs. Joan P., appointment, 260
 Holloway, M. D., degree, 1559
 Holloway, R. B., degree, 1244
 Holloway, W. D., degree, 591
 Holly, J. A., degree, 792
 Holm, Joy A., degree, 1400
 Holman, Ruth N., appointment, 1121
 Holmberg, R. C., degree, 1553
 Holmes, C. V., degree, 1544
 Holmes, E., degree, 828
 Holmes, G. O., degree, 819
 Holmes, Irene E., degree, 592
 Holmes, Marilyn L., degree, 593
 Holmes, Nancy R., appointment, 1100
 Holmes, R. R., appointment, 394, 906
 resignation, 1233
 Holmes, R. W., appointment, 356, 1185
 Holmes, W. D., degree, 801
 Holmes, W. E., fellowship, 1500
 declination, 1502
 Holmgren, R. J., degree, 821
 Holonyak, N., Jr., degree, 792
 Holoubek, Marie, appointment, 1151
 Holscher, R. H., degree, 814
 Holshouser, D. F., appointment, 127, 644, 774,
 962
 Holst, W. T., degree, 1554
 Holt, A. S., appointment, 136, 971
 Holt, Alice E., appointment, 185, 1021
 Holt, C. C., degree, 785
 Holt, Mrs. Doris S., member of committees,
 602, 603, 1405
 Holt, H. W., appointment, 164, 1000
 Holt, J. R., degree, 590, 1125
 Holt, Joanne, degree, 1565
 Holt, Mrs. Mellie G., appointment, 276
 Holthe, R. E., degree, 586
 fellowship, 512
 Holtman, E. A., appointment, 185, 1020
 Holtzclaw, H. F., Jr., appointment, 1527
 Holtzman, Jean A., degree, 812
 Holtzman, N. N., degree, 826
 Holtzman, R. H., appointment, 394
 degree, 1546
 Holwick, Margaret F., degree, 1556
 Holwick, W. B., degree, 814
 Holz, H. A., degree, 798
 Holzman, Mrs. Audrey B., appointment, 330
 Holzman, Naomi J., degree, 595
 Home advisers, budget, 116, 949
 participation in Retirement System, 566
 Home Economics, appropriations, balances re-
 appropriated, 1197
 budget, 108, 273, 942, 1109
 summer session, 695, 1451
 furniture and equipment, appropriation, 340
 gift, dishwasher, 551
 prize, United Spanish-American War Vet-
 erans, Department of Illinois Aux-
 iliary, 548
 research, 550
 scholarships, Borden Company Founda-
 tion, Inc., 1467
 Gulf, Mobile, & Ohio Railroad Co.,
 1210, 1467
 Kroger Co., 547, 1210
 Sears-Roebuck Foundation, 548
 purchase, Fade-ometer, 670
 furniture, 710
 kitchen cabinet, and sink units, 711
 spectrophotometers, 30
 remodeling, appropriation, 340
 Home Economics Building, architectural
 studies, appropriation, 844
 contract, 847
 new, request, 504
 Home Economics Cafeteria, budget, 944, 1109
 revolving account, 111, 273
 Home Economics Education, budget, 145, 982
 Home Fire & Marine Insurance Co., insur-
 ance, purchase, 1494, 1495
 Home for Incurables, affiliation with College
 of Medicine, postponement, 1300
 proposed, 562
 Home furnishings courses, equipment, appro-
 priation, 521
 Home furnishings laboratory, furniture, pur-
 chase, 710
 Homer, Marguerite B., 593
 Honath, E. C., Jr., degree, 801
 Hong, R., degree, 1572
 Honn, Marjorie L., appointment, 278, 1114
 Honn, S. D., degree, 1549
 Honnett, M. I., certificate, 1329
 Honorary degree, Alajouanine, T. A., 1476,
 1568
 Honors, graduation, Education, 538
 Honors Day, appropriation, balance reappro-
 priated, 1196
 budget, 68, 901
 Hooban, Mrs. Beverly P., appointment, 1453
 Hoobler, K. R., degree, 1247
 Hood, E. L., degree, 412
 Hood, Elaine, degree, 1237
 Hood, Geneveve M., degree, 791
 Hood, J. F., degree, 590, 1238
 fellowship, 776
 Hood, K. F., degree, 1576
 Hood, Mrs. Mary E., appointment, 1170
 Hood, P. M., degree, 1393
 Hood, R. Z., degree, 1549
 Hook, J. N., appointment, 75, 147, 693, 908,
 980, 984
 Hooker, J. D., degree, 1561
 Hooks, B., Jr., degree, 1563
 Hooks, W. K., Jr., degree, 1572
 Hooper, Evelyn J., degree, 810
 Hooser, Betty J., appointment, 1097
 Hoot, C. D., degree, 1536
 Hoover, B., certificate, 1329
 Hoover, D. H., appointment, 141, 477
 Hoover, H. A., degree, 1558
 Hoover, H. M., appointment, 354
 resignation, 478
 Hoover, J. K., degree, 799
 Hoover, K. R., degree, 813
 Hoover, R. E., degree, 1567
 Hoover, W. J., appointment, 1378
 Hopkins, B. S., appointment, 72, 905

- Hopkins, C. G., scholarship, gift, 548
 Hopkins, C. L., Jr., degree, 584
 Hopkins, C. O., degree, 1284
 Hopkins, D. F., appointment, 1333
 degree, 586
 fellowship, 676
 resignation, 1334
 Hopkins, D. L., appointment, 241, 701, 1080,
 1457
 Hopkins, F. D., degree, 1250
 Hopkins, H. J., degree, 1574
 Hopkins, J. G., degree, 826
 Hopkins, Reuben E., degree, 418
 Hopkins, Richard E., Jr., degree, 1245
 Hopkins, T. E., fellowship, 1352
 Hopkins, Mrs. Virginia, appointment, 1100
 Hopkins, W. E., degree, 1549
 Hopkinson, C., certificate, 380
 Hoppe, E. T., appointment, 312, 1149
 Hopper, E. P., degree, 787
 Hopper, Margaret A., appointment, 1102
 Hopper, Roberta C., degree, 407
 Horbach, Dorothy, appointment, 320, 1159
 Horenstein, S., degree, 824, 1574
 Horine, Evelyn R., degree, 1538
 Hormones, research, gift, 1214
 Horn, C. E., appointment, 293, 1129
 Horn, E. C., degree, 1401
 Horn, H. W., appointment, 126, 871, 961
 Horn, J. A., degree, 1553
 Horn, L. H., Jr., fellowship, 1479
 Horn, Mary C., appointment, 1142
 Hornacek, Rose L., appointment, 243, 1082,
 1458
 Hornback, J. H., degree, 1385
 Hornbaker, Mrs. Dorothy L., appointment, 257
 Hornbaker, W. R., degree, 581
 Hornberger, C. S., Jr., appointment, 394, 871,
 904
 degree, 781
 Hornblower & Weeks, bond issue for Men's
 Residence Halls, 1356, 1362
 Horne, Mary C., appointment, 306
 Horner, Mr. and Mrs. H. H., gift, 1332
 Horner, Hannah M., degree, 415
 Horowitz, A. B., degree, 816
 Horowitz, E., degree, 821
 Horowitz, Joan, appointment, 644, 871
 degree, 787
 Horowitz, M. A., appointment, 179, 1014
 leave of absence, 732
 Horowitz, Natalie, degree, 1554
 Horrell, F. J., certificate, 842
 Horrom, H. R., degree, 1241
 Horsfall, W. R., appointment, 77, 694, 910
 Horsley, J. S., degree, 1553
 Horter, R. E., Jr., degree, 423
 Horticulture, advisory committee, 1195
 appropriations, balances reappropriated, 37,
 1197
 budget, 111, 273, 945, 1110
 greenhouse, heating system improvements,
 appropriation, 520
 head of department, 6
 income, appropriation, 856, 1301
 Olney Agricultural Experiment Farm, sale,
 proposed, 496
 remodeling, appropriation, 707
 research, gift, Goodrich, B. F., Chemical
 Co., 1469
 Tennessee Corp. Research Laboratories,
 1213, 1470
 truck, appropriation, 1301
 purchase, 1327
 ultracentrifuge, purchase, 1416
 Horticulture Field Laboratory, appropriations,
 balances reappropriated, 37, 39, 1197,
 1198
 remodeling, appropriation, 707, 1324
 contract, addition, 1265
 adjustment, 865, 1345
 Hortin, D. E., degree, 581
 Horton, Mrs. Muriel S., appointment, 1150
 Horton, R. K., degree, 826
 Horwath, E. B., certificate, 1338
 Horwath, J. N., certificate, 1357
 Horwich, Eunice A., degree, 806
 Horwitz, M. K., appointment, 352, 1180
 Horwitz, E., certificate, 842
 Horwitz, H., appointment, 354, 1183
 Horwitz, I. D., appointment, 207, 359, 1188
 degree, 1546
 Horwitz, J. A., certificate, 1507
 Horwitz, Jean, degree, 829
 Horwitz, M., appointment, 7, 394, 986
 Horwitz, N. R., degree, 784
 Horwitz, Olga, degree, 823
 Hosch, Mrs. Florence I., appointment, 181
 resignation, 532
 Hoscheit, D. H., degree, 591
 Hoskins, Betty J., degree, 820
 Hoskins, W. R., degree, 1245
 Hoskinson, W. D., degree, 1401
 Hosler, A. M., degree, 784
 Hospital and medical services, budget, Chi-
 cago Undergraduate Division, 240, 1079
 Urbana-Champaign departments, 64, 896
 fee, change, 856
 students taking short courses in agriculture,
 1220
 Hospital Equipment Corp., purchase, 439, 670,
 837, 853, 1416
 Hospital Furniture, Inc., purchase, 1416
 Hospital gowns, Chicago General Stores, pur-
 chase, 439
 Hospital insurance, contract, continuance, 715
 Hospital malpractice liability insurance, pur-
 chase, Health Service at Urbana, 501
 McKinley Hospital, 501
 Hospital Pharmacy, purchase, vitamin cap-
 sules, 670, 1466
 revolving account, 221, 315, 1058, 1152
 Hospitals, See McKinley Hospital and Re-
 search and Educational Hospitals.
 Hospodar, E. W., appointment, 1144
 Hoss, A. J., degree, 424
 Host, H. H., degree, 812
 Host, J. A., degree, 1238
 Host, Mrs. Mary E., appointment, 1125
 Hostettler, R. D., degree, 423
 Hostettler, T. K., degree, 593, 1548
 Hostetter, Marie M., appointment, 168, 695,
 1003, 1451
 Hostettler, F. E., appointment, 325, 1166
 Hostler, Aline L., degree, 1237
 Hotpoint Co., gift, 551
 Hott, Mary E., appointment, 277
 Hott, R. F., appointment, 259, 1095
 Hottes, C. E., appointment, 71, 98, 904, 932
 Hottle, B. W., Jr., degree, 417
 Hutto, W. R., degree, 1392
 Houchens, Josie B., appointment, 168, 182,
 1003, 1018
 Houch, F. W., appointment, 326, 1167
 Hough, Alice C., degree, 784
 Hough, Mrs. Ellen M., appointment, 288
 Hough, H. F., degree, 595
 Hough, J. L., appointment, 44, 78, 694, 911,
 1450
 declination, 1502
 Hough, M. J., appointment, 358
 Houghland, K. R., degree, 786
 Houghton, A. V., degree, 1245
 Houmes, D. M., degree, 593
 Hout, D. M., degree, 815
 Hout, R. V., degree, 1548
 Hout, T. R., appointment, 44, 999
 Houran, Mary J., degree, 815
 House, A. S., appointment, 394, 1273, 1378
 degree, 1283
 House, C. E., degree, 1541
 House, H. O., fellowship, 678
 declination, 683
 Housefly, resistance to insecticides, research,
 gift, 551

- Household Finance Corp., stock, purchase, 568
House of Representatives, legislation, appropriation bills, 844
state auditor, enlarging powers, 717
Houser, D. E., degree, 801
Houser, F. R., degree, 1552
Houser, L. T., degree, 584, 1548
House Staff, Research and Educational Hospitals, budget, 1065
Housh, J. F., degree, 1397
Housing, Chicago, appropriations, balances re-appropriated, 40
bids, request, 569
bond issue, legal services, payment, 736
printing, contract, 622
resolution authorizing, 622
construction budget, revisions, 442
construction fund account, 666
contracts, 650
financing, 505, 569, 621
Illinois Pharmaceutical Association resolution, 34
site clearance, contract, 657
Urbana, appropriations, balances reappropriated, 39, 1198
budget, 193, 304, 1028, 1140
faculty, purchase, authorized, 736
Charles Street, 920 West, 3
Indiana Avenue, 706 West, 836
Pennsylvania Avenue, 201 West, 3
Race Street, 1704 South, 3
sale, procedure, 497
family units, gas regulators, contract, 839
leases, amendment of Statutes, 380
residence halls for men, expansion, architectural services, 367, 379
temporary family units, assignment to students, regulations, revised, 1460
water main installation, staff housing area, contract, 1360
Housing and Home Finance Agency, contract, 378, 1207
Housing deposit fee, change, 653
Housing Division, accounting machine, purchase, 558
budget, 66, 191, 263, 303, 899, 1027, 1099, 1139
coke, purchase, 853
fire insurance, rental properties in Urbana-Champaign, 711
Student and Staff Apartments, 768, 769
Housing research, field trial laboratory, contract, 1518
Houston, B. B., appointment, 698
fellowship, 513
Houston, Gloria S., degree, 577
Houston, Nancy E., appointment, 148, 161, 984, 996
Houston, R. K., appointment, 1453
Housworth, Amy, appointment, 322
Hout, Bessye L., degree, 1554
Houtz, Sara J., appointment, 1350
Hovde, Helen J., appointment, 242, 1081, 1457
Hoverson, Jean C., degree, 1396
Hoving, H. R., degree, 1552
Howard, A. H., appointment, 1313
Howard, Mrs. Alberta, appointment, 1158
Howard, Angeline A., appointment, 210, 229, 1042
resignation, 1316
Howard, B. E., degree, 783
Howard, H. C., appointment, 358
Howard, J. A., appointment, 139, 445
resignation, 478, 878
Howard, Mrs. Jessie, appointment, 59, 892
Howard, L., appointment, 394
Howard, L. B., appointment, 105, 652, 925, 939
Howard, L. L., appointment, 962
Howard, Mrs. Lillian, appointment, 316, 1154
Howard Printing Co., purchase, 341, 710, 1520
Howarth, Barbara, appointment, 1173
Howarth, H. J., degree, 597
Howe, Mrs. Dorothy, appointment, 328, 1169
Howe, G. F., degree, 1576
Howe, J. T., degree, 1252
Howe, K. E., appointment, 692, 871, 1448
Howe, M. C., appointment, 157, 991, 992, 1452
Howe, M. Priscilla, appointment, 260, 1096
Howe, Q., appointment, 166, 1002, 1005
broadcasts, report of General Policy Committee, 866
leave of absence, 1383
purchase of University property, 1200
Howell, H. R., degree, 418
Howell, J. E., degree, 1284
Howell, M. F., appointment, 304, 1140
Howell, R. G., degree, 1565
Howerter, S. C., degree, 790
Howey, R., degree, 412
Howland, F. L., appointment, 674, 959, 1527
degree, 1540
Howser, R. E., appointment, 477, 1273
degree, 582
resignation, 1334
Hoyman, H. S., appointment, 159, 994, 1453
Hoynes, A. L., appointment, 360, 1189
Hoyt, Mrs. Beverly A., appointment, 258, 1094
Hoyt, D. E., appointment, 293, 1130
Hoyt, Edith B. L., degree, 592
Hoyt, J. L., degree, 824, 1573
Hoyt, Mrs. Mary, appointment, 328, 1169
Hoyt, R. L., degree, 826
Hrды, Elaine A., appointment, 323
Hrejsa, R. G., degree, 1562
Hrodey, G. J., certificate, 1407
Hrubant, G. R., degree, 810
Hrubant, H. H., degree, 1400
Hruby, Dorothy T., appointment, 871, 1042
Hsiao, Louisa J. C., degree, 1536
Hsiao, Lun, appointment, 1313
degree, 1281
Hsu, Ming P., degree, 1384
Hu, Irene F., degree, 1570
fellowship, 683
Huang, Tzu-Chuen, degree, 1534
fellowship, 776
Hubbard, A. W., appointment, 160, 697, 994, 1453
degree, 451
Hubbard, C. P., degree, 408
Hubbard, Clara B., degree, 1242
Hubbard, D. G., appointment, 1378
Hubbard, E. E., & Son, contract, 493
Hubbard, J. E., degree, 788
Hubbard, L. R., degree, 597
Hubbard, Mabel, appointment, 8
Hubble, C. J., appointment, 192, 1028
resignation, 1502
Huber, Doris, appointment, 331
Huber, Mrs. Evelyn R., appointment, 1130
Huber, J. R., degree, 1551
fellowship, 1500
Huber, L. E., degree, 591
Huber, Leah E., degree, 810
Huber, Marie, appointment, 277, 1113
Huber, Peggy, appointment, 1128
Huber, R. E., degree, 594
Huber, Ramona L., appointment, 277, 1113
Huber, W. E., degree, 579
Huber, W. G., degree, 1568
Hubert, F. C., certificate, 527
Hubka, Betty R., fellowship, 680
Hudd, R. N., degree, 801
Huddleston, J. B., degree, 1551
Huddleston, J. G., degree, 808
Huddlestons, C. D., certificate, 603
Hudelson, Dana, Inc., purchase, 342, 343, 376, 468, 671, 712, 768, 854, 1291
Hudelson, G. W., degree, 585
Hudelson, J. L., degree, 590

- Hudelson, R. R., appointment, 92, 94, 487, 868, 925, 927, 1226
 appreciation of services, 1339
 relieved of assignments in College of Commerce and Business Administration, 1339
- Hudgens, C. R., appointment, 1477
 fellowship, 877
- Hudson, A. E., Co., purchase, 31
- Hudson, C. R., degree, 1553
- Hudson, Harriet D., appointment, 141, 477, 977
- Hudson, Nancy, degree, 807
- Hudson, Neva N., degree, 1543
- Hudson, P. K., appointment, 126, 693, 961, 1226, 1449
- Hudson, R. B., appointment, 166, 169, 509, 1002, 1004
 leave of absence, 684, 1503
 report on television station at University, 1310
- Hudson, R. S., degree, 417
- Hudson, Ruth A., appointment, 85, 179, 918, 1015
- Hudson, Shirley A., degree, 1395
- Hudson, W. J., appointment, 330, 1172
- Hudspeth, Cherry R., appointment, 1100
- Hueber, Lorene G., degree, 820
- Huebner, C. R., degree, 1394
- Huebner, D. C., appointment, 332, 1174
- Huebner, H. R., degree, 810
- Huebner, L. F. A., degree, 804
- Huebner, R. R., degree, 787
- Huegy, H. W., appointment, 138, 689, 974
 leave of absence, 1353
- Hueler, W. U., degree, 1567
- Huelke, D. F., degree, 1558
- Huelson, W. A., appointment, 111, 945
- Hueslter, Laura J., appointment, 6, 161, 996
- Huey, J. R., member of advisory committee, 1194
- Huff, R. C., degree, 1568
- Huff, R. H., degree, 810
- Huff Gymnasium, appropriations, 340, balances reapportioned, 1198
 remodeling, appropriation, 340, 1359
 contracts, 340
 adjustment, 524, 1209
 roof, appropriation, 366
 contract, 545
- Huffine, Nellie, appointment, 301
- Huffman, C. E., degree, 806
- Huffman, Mrs. Delores E., appointment, 1124
- Huffman, H. D., degree, 815
- Huffman, Mabel, degree, 407
- Huffman, Mrs. Mary A., appointment, 1112
- Huffman, W. J., appointment, 160, 174, 994, 1009
 degree, 1283
- Hugh, F. M., degree, 1553
- Hughbanks, N. D., degree, 597
- Hughes, A. J., degree, 820
- Hughes, Betty L. L., degree, 812
- Hughes, E. L., appointment, 44, 394, 972
- Hughes, E. M., member of advisory committee, 1194
- Hughes, E. O., appointment, 274, 1110
- Hughes, Eleanor M., appointment, 313
- Hughes, Emma J., appointment, 1000
 degree, 806
- Hughes, G. C., degree, 596
- Hughes, Mrs. Marilyn D., appointment, 287, 1123
- Hughes, Mrs. Mary M., appointment, 259, 1122, 1123
- Hughes, Mrs. Ora D., appointment, 313, 1151
- Hughes, R. J., certificate, 1178
- Hughes, W. F., Jr., appointment, 206, 231, 1042
- Hughes, W. H., degree, 1549
- Hughes Oil Co., purchase, 31
- Huhnke, Hazel A., diploma, 1575
- Huisken, G. S., degree, 597
- Huitema, R., appointment, 243, 703, 1082, 1458
- Hulbert, Eleanor W., degree, 1550
- Hulet, C. V., fellowship, 1479
 declination, 1487
- Hulet, Mrs. Kathleen R., appointment, 301
- Hulet, R. E., appointment, 63, 896
- Hulett, H. P., degree, 801
- Hulett, J. E., Jr., appointment, 74, 85, 699, 918, 1454
- Hulick, R. B., degree, 1250
- Hull, A. H., degree, 594, 1544
- Hull, Barbara L., degree, 1550
- Hull, Betty L., appointment, 277, 1113
- Hull, C. R., degree, 798
- Hull, Grace H., degree, 806
- Hull, L. H., II, degree, 1549
- Hull, Mrs. Mary E., appointment, 477
 resignation, 731
- Hull, T. G., appointment, 361, 1190
- Hull, W. L., appointment, 129, 696, 963
- Hull, W. R., degree, 1542
 fellowship, 776, 1483
 resignation, 1530
- Hulsizer, R. I., Jr., appointment, 132, 871, 967, 1273
- Hulslander, G. E., degree, 1549
- Hult, R. E., appointment, 154, 989, 1445
- Hultzen, L. S., appointment, 74, 86, 699, 907, 920, 1455
 leave of absence, 1408
- Human, Mary L., appointment, 445
 resignation, 646
- Humanities, Chicago Undergraduate Division, budget, 241, 332, 1080, 1173
 summer session, 702, 1457
- Humbard, L. D., degree, 1551
- Humble, J. A., degree, 416
- Humble, M. K., appointment, 146, 148, 692, 982, 1448
- Humble, T. W., appointment, 217
- Humes, J. F., appointment, 174, 179, 1009, 1014
- Humes, Margaret L., appointment, 1105
- Hummel, Barbara J., degree, 1240
- Humphrey, Barbara M. A., degree, 800
- Humphrey, J. C., appointment, 279, 1115
- Humphrey, M., degree, 578
- Humphreys, A. W., appointment, 1527
- Humphreys, B. D., degree, 585
- Hunbrecht, N. E., degree, 1548
- Hundeby, Mrs. Doris, appointment, 324, 1163
- Hundt, R. L., degree, 1556
- Hunt, C. K., appointment, 1179, 1458
- Hunt, C. L., appointment, 1130
- Hunt, D. G., degree, 818
- Hunt, E. E., appointment, 283, 1119
- Hunt, Effie N., appointment, 76
- Hunt, F., III, degree, 814
- Hunt, J. C., degree, 806
- Hunt, J. M., appointment, 652, 916
- Hunt, Mrs. Julia M., appointment, 259, 1095
- Hunt, R. R., appointment, 257, 1094
- Hunter, Benjamin F., bequest, 662
 estate, University's appearance in court, 709
- Hunter, Carole A., appointment, 1139
- Hunter, D. J., degree, 1549
- Hunter, D. P., degree, 1247
- Hunter, D. R., degree, 1242
- Hunter, Doris M., degree, 826
- Hunter, G. H., appointment, 157, 697, 991
- Hunter Lumber Co., purchase, 615
- Hunter, Mrs. Naomi, appointment, 86, 700, 920, 1456
- Hunter, R. J., degree, 1551
- Hunter, Rosemary E., diploma, 1575
- Hunter, V. A., certificate, 842
- Hunter, W. P., degree, 1540
- Huntington, Dorothy A., fellowship, 682, 1486
 declination, 1530
- Huntington, H. B., appointment, 871

- Huntington, W. C., appointment, 124, 957
 Hunziker, A. E., degree, 813
 Hunziker, Beulah, appointment, 8
 Huppert, W. W., degree, 802
 Hurckes, Mrs. Lorraine S., appointment, 292
 Hurckes, R. L., degree, 816
 Hurley, J. D., certificate, 1329
 Hurrelbrink, H. K., degree, 804
 Hursh, R. K., appointment, 122, 956
 Hurst, Billie K., appointment, 1273
 Hurst, Mrs. Mamie G., appointment, 1106
 Hurst, Mary R., degree, 812
 Hurst, R. E., degree, 1549
 Hurt, Mrs. Alice S., appointment, 301, 1136, 1137
 Hurt, Gloria J., degree, 1237
 Hurt, J. H., Jr., degree, 813
 Hurter, C. W., degree, 788
 Hurtig, Geraldine A., degree, 806
 Hurwitz, L., appointment, 136, 140
 leave of absence, 405
 resignation, 1233
 Hurwitz, Ruth, appointment, 311, 1146
 Husbands, K. L., appointment, 394, 871
 degree, 1535
 Huselton, J. F., degree, 450
 Huseman, Alma, appointment, 319, 1158
 Husmann, Mary E. E., degree, 820
 Husmann, R. A., degree, 1562
 Huson, A. S., degree, 802
 Huson, T. H., degree, 1573
 Huspen, R. F., degree, 1549
 Hussey, Mary A., appointment, 76, 693, 909, 1449
 Huster, H. F., contract, 1264
 Huston, E. L., degree, 1551
 Huston, E. S., appointment, 1184
 Huston, Mrs. Edna K., appointment, 284
 Huston, Naomi F., degree, 1560
 Huston, W. E., appointment, 299, 1135
 Hustvedt, Mrs. Eunice U., appointment, 329
 Hutcheson, Ruth, degree, 1390
 Hutchings, V. Z., degree, 826
 Hutchinson, J., appointment, 112, 946
 Hutchinson, J. O., degree, 1242
 Hutchinson, J. W., degree, 587
 Hutchinson, Mrs. Wanda R., appointment, 1104
 Hutchison, Clair E., degree, 1394
 Hutchison, E. R., degree, 812
 Hutchison, Louise, appointment, 1160
 Hutchison, Mrs. Marjorie, appointment, 317, 1155
 Hutchison, R. N., degree, 824, 1574
 Hutchison, W. A., appointment, 354, 1182
 Hutson, E. R., appointment, 270, 1106
 Hutson, Pearl R., degree, 586
 Hutt, L. S., degree, 407
 Huzar, Mrs. Eleanor G., appointment, 674, 906
 Hwa, R. C., degree, 1552
 fellowship, 1482
 Hwang, Ding D., fellowship, 678
 declination, 683
 Hwang, Kao, appointment, 352, 1180
 Hyatt, G. C., certificate, 488
 Hybert, R. R., degree, 595
 Hybl, A. R., degree, 576
 Hyde, J. S., appointment, 644, 1499
 Hyde, L. R., appointment, 263, 1099
 Hyde, P. W., appointment, 1273
 Hyde, Patricia L., degree, 820
 Hyde, Mrs. Rita M., appointment, 288
 Hyde, V. A., appointment, 155, 158, 989, 993, 1499
 Hydraulic Engineering Laboratory, remodeling, appropriation, 654
 balance reappropriated, 1197
 Hydraulics of flow at bridges, study, contract, 864
 change, 865
 Hyer, Mary F., appointment, 326, 1168
 Hygiene, budget, summer session, 695, 1451
 Hyland, Mary J., appointment, 260, 1096
 Hyland Electric Supply Co., purchase, 711, 1344
 Hylander, D. P., degree, 410
 Hylbert, W. J., appointment, 261, 1097
 Hylden, H. E., certificate, 41
 Hyler, Willa J., diploma, 1575
 Hyman, J., & Co., contract, change, 865
 Hyman, Lieselotte L., appointment, 1174
 Hyman, S., appointment, 354, 1182
 Hymes, E. W., degree, 813
 Hynes, S. R., degree, 1237
 Hypertension, research, gift, 554, 1214, 1216, 1217, 1472
 Hyre Electric Co., purchase, 32
 Iacono, J. M., degree, 1539
 Iben, I., appointment, 186, 1021
 Ice, E. L., appointment, 301
 Ice cream machines, installation on campus, contract, 1207
 Icenogle, R. R., degree, 1549
 Ice Skating Rink, refrigerating equipment, rehabilitation, appropriation, 845
 roof repairs, appropriation, 1522
 Ichiba, F., appointment, 1156
 Ichiba, G., degree, 1576
 Ichinokuchi, T., certificate, 842
 Ickes-Braun Greenhouse Manufacturing Co., contract, 470
 Iddings, Dorothy M., appointment, 322, 1165
 gift, 556
 Ide, Kathleen H., degree, 806
 Iden, C. S., appointment, 477, 1226
 Idleman, A. E., degree, 578
 Ieronimo, Felice, degree, 1571
 Ieronimo, Mrs. Joyce, appointment, 1168
 Ierulli, A. J., degree, 1572
 Iglowitz, Helene E., degree, 592
 Ignatius, H., degree, 824, 1574
 Ikeda, Hannah, appointment, 477, 982, 1273
 Ikenberg, Mrs. Maria E., appointment, 309, 1147
 Iker, H. P., degree, 591
 Iko, Keiji, degree, 802
 Illi, T. R., appointment, 326, 1168
 Illiana Construction Co., contract, 26
 purchase, 767, 854
 Illini Achievement Fund, gift, 547, 548, 1467
 Illini Airport, purchase, 342
 Illini Center, budget, 67, 264, 900, 1100
 lease, 764
 Illini Forest Plantation, name approved, 1463
 Illini Grove, appropriation, balance reappropriated, 1198
 construction and equipment, appropriation, 470
 funds, gift, 1211
 improvement and development, appropriation, 639
 contract, electrical work, 639
 general work, 639
 plumbing, 639
 Illini Hall, electrical distribution system, improvements, contract, 493
 release of funds, 519
 remodeling, appropriation, 366
 balances reappropriated, 39, 1198
 contract, adjustment, 713, 1465
 Illini Hall area, storm drainage system, contract, 528
 release of funds, 519
 Illini Lumber Distributors, purchase, 32, 439, 501, 614, 671
 Illini Union, budget, 190, 301, 1025, 1137
 fire alarm evacuation signal system, contract, 344
 food service equipment, contract, 437
 piano, rebuilding and refinishing, 525

- Illini Union, cont'd
 purchase, carpeting, 1343
 china, 440
 Coca-Cola vending machines, 342
 file cabinets, 342
 insurance, 1466
 rugs, 340, 341
 remodeling, contract, 24
 service charge, increase, 705
 student taking short courses in agriculture, 1220
 Illini Union Bookstore, fire insurance, contracts, renewal, 716
 operation, letter from Mrs. Eunice C. Creamer, 1270
 report of General Policy Committee, 1523
 typewriter accounting machine, purchase, 525
 Illini Union Coffee House, remodeling, appropriation, 1199
 contract, adjustment, 1306, 1417
 Illini Village, coke, purchase, 853
 road and walk improvements, contract, 864
 Illini War Memorial scholarships, gift, 548, 1211, 1468
 Illinois, state of, contract, 769, 864, 1207
 change, 769, 865
 Illinois Accountancy Act of 1943, constitutionality, Chatkin case, 459
 Illinois Association for the Crippled, Inc., gift, 547, 1210, 1467
 Illinois Bell Telephone Co., utilities lines, relocation, 657
 Illinois Broadcasters Association, television at the University, conference, 1421
 statement, 1347
 Illinois Central Railroad Co., bonds, purchase, 1291
 Illinois Clay Products Co., contract, change, 561
 gift, 549, 1468
 Illinois Coal Strippers Association, contract, change, 1306, 1417
 gift, 550
 Illinois Congress of Parents and Teachers, gift, 547, 1210
 Illinois Dairy Products Sanitation Revolving Account, budget, 105, 939
 Illinois Department of Public Works and Buildings, contract, change, 1208
 Illinois Division of Highways, contract, 378
 change, 1495
 Illinois Division of Vocational Rehabilitation, contract, 769
 Illinois Eye and Ear Infirmary, appropriation, balance reappropriated, 40
 budget, 231, 323
 optical goods, contract, 1261
 purchase, 1521
 pharmacy revolving account, 226, 1058, 1152
 Illinois Farm Bureau Serum Association, contract, change, 1208
 Illinois Farmers' Institute, budget, 116, 275
 Illinois Farm Record Book, printing, 710
 Illinois Farm Supply Co., contract, 713
 gift, 1213
 Illinois Federation of Women's Clubs, gift, 547, 554, 1210, 1216, 1467, 1472
 Illinois Grain Corp., gift, 550
 Illinois Historical Survey, budget, 137, 972
 Illinois Home Bureau Federation, gift, 550
 Illinois Mining Institute, gift, 547, 1467
 Illinois Neuropsychiatric Institute, contract, acoustical ceiling in room 321, 1207
 electric fixtures, installation, 1207
 paintings, 770
 operation, transferred to University, 860
 Illinois Pharmaceutical Association, resolution, facilities for training and housing pharmacy students, 34
 Illinois Polled Hereford Association, purchase, 710
 Illinois Power Co., contract, 368, 463, 560, 668, 864, 1207
 stock, purchase, 1497
 reinvestment of proceeds, 1420
 sale, 835
 Illinois Psychopathic Institute, director, appointment, 860
 operation, policy and procedure, 860
 Illinois Road Equipment Co., purchase, 1494
 Illinois Seed Dealers Association, Inc., gift, 1214
 Illinois Seed Producers Association, Inc., gift, 550, 1469
 Illinois State Florists' Association, contract, 378
 Illinois State Trust Co., contract, 33
 Illinois Street, block between Mathews and Goodwin Avenues, acquisition, funds, 1303
 request, 1302
 property at 1108 West, purchase, 1325
 property at 1110 West, remodeling, appropriation, balance reappropriated, 39
 property at 1114 West, purchase, study, 1222
 property at 1206 West, improvements, appropriation, balance reappropriated, 39, 1198
 Illinois Street and Goodwin Avenue, property at southwest corner, purchase, 348
 Illinois Studies, appropriations, balances reappropriated, 38
 Illinois Surgical Institute, elevator gate, contract, 1327
 Illinois Surgical Supply Co., purchase, 33
 Illinois Turkey Growers Association, contract, 1464
 Illinois Veterinary Practitioners Association, gift, 1216
 Illustration Studios, budget, 204, 308, 1039, 1145
 clinical faculty, 352, 1181
 heart exhibit, funds, gift, 554
 Iltis, Elaine A., degree, 594
 Imber, M., degree, 1248
 Immunology, research, gift, 554
 Impastato, F., appointment, declination, 46
 Impastato, F. J., degree, 810
 Inabnit, D. J., appointment, 151, 986
 Incandescent lamps, Physical Plant, purchase, 1520
 Incidentals and emergencies, budget, Chicago Professional Colleges, 199, 1035
 Urbana-Champaign departments, 68, 901
 Incinerator repair, Dentistry-Medicine-Pharmacy Building, contract, 1327
 Incubating room, Veterinary Medicine, purchase, 712
 Independent Silo Co., purchase, 767
 Indiana Avenue, property at 706 West, purchase, 836
 appropriation, 836
 Indianapolis City Schools, contract, 1417
 Indiana Steel Products Co., purchase, 1206
 Induction accelerators, improvement, patent, 710
 Industrial administration, curriculum, revisions, 490
 Industrial design, curriculum, admission requirements, change, 1460
 Industrial Education, appropriations, balances reappropriated, 38
 budget, 146, 982
 curriculum, graduate, 1412
 undergraduate, 1411
 Industrial Engineering, curriculum, approved, 1410
 Industrial Rayon Corp., stock, purchase, 567, 835, 1291
 Infectious diseases, research, gift, 552, 553, 1215, 1471
 Ingels, J., degree, 799

- Ingels, R. F., degree, 808
 Ingels, W. H., degree, 409
 Ingersoll, Roberta E., appointment, 282
 Ingham, Carolyn S., appointment, 1423
 Inghram, Mrs. Florence B., appointment, 64
 resignation, 878
 Ingle, L., appointment, 87, 921
 leave of absence, 1408
 Inglesh, Jacqueline M., degree, 806
 Ingold, E., gift, 466
 appreciation, resolution, 466
 Ingold, R. J., degree, 821
 Ingold, Mrs. Shirley J., appointment, 1112
 Ingraham, R. C., appointment, 210, 1046
 Ingram, Doris M., appointment, 1105
 Ingrassia, J. A., degree, 423
 Ingrassia, M. J., degree, 821
 Ingwerson, B. A., appointment, 159, 994
 Injuries to employees, budget, 69, 902
 Inland Supply Co., purchase, 439
 Inlander Brothers, purchase, 1263
 Inoue, N. S., appointment, 1350
 degree, 1394
 Inouye, Tohru, appointment, 205, 1040
 Insecticides, study, contract, 1208
 addition, 865
 gift, 551, 1470
 Inskip, F. R., & Co., contract, 527, 638, 846,
 1203, 1259
 purchase, 613
 Inskip, H. K., appointment, 394, 906
 Inskip, Lois W., fellowship, 401
 Institute of Boiler & Radiator Manufacturers,
 contract, change, 1208, 1306
 Institute for Research on Exceptional Chil-
 dren, established, 1523
 Institutional Research, Bureau of, budget, 59,
 256, 892, 1092
 Instrument lockers, Music, appropriation, 492
 Instruments, Bands, appropriation, 546
 purchase, 671
 Music, appropriation, 1259
 purchase, 467, 670
 Insulating solids, electronics in, research, con-
 tract, 378
 Insulation, East Dentistry-Medicine-Pharmacy
 Building, contract, 1414
 Insulin, research, gift, 550
 Insurance, hospital malpractice liability,
 Health Service at Urbana, premium, ap-
 propriation, 434
 hospital-medical-surgical, contract, continu-
 ance, 715
 purchase, automobile, 768
 aviation liability, 712
 boiler and machinery, Physical Plant, 33
 builders' risk, Men's Residence Hall in
 Chicago, 1495
 Research and Educational Hospitals Ad-
 dition, 32
 Staff Apartment Building in Chicago,
 1494
 dishonesty, disappearance, and destruction,
 Business Office, 501
 employer's workmen's compensation, liabil-
 ity, and property damage, 32
 fire, Illini Union, 1466
 Illini Union Bookstore, 716
 Navy Pier Drill Hall, 614
 rental properties in Urbana-Champaign,
 711
 Student and Staff Apartments, 768, 769
 hospital malpractice liability, Health Ser-
 vice at Urbana, 501
 McKinley Hospital, 501
 staff, budget, 61, 894
 Insurance Co. of North America, insurance,
 purchase, 614
 Insurance curriculum, revisions, 490
 Insurance short course, contract, 469, 560
 Intensifier, Chemistry, purchase, 375
 Intercommunication equipment, Abbott Power
 Plant addition, purchase, 557
 Interferometer glass, Aeronautical Engineer-
 ing, purchase, 344
 International Association of Machinists Union,
 District No. 9, gift, 1213
 International Harvester Co., purchase, 377,
 439
 International Minerals & Chemical Corp., con-
 tract, change, 668, 865
 International Nickel Co., Inc., gift, 1213
 stock, purchase, 835
 International Steel Co., purchase, 671
 International Union of Operating Engineers,
 letter, status of former employee, referred
 to Committee on Nonacademic Personnel,
 1332
 Inter Ocean Cabinet Co., purchase, 441
 Interstate Printers & Publishers, Inc., pur-
 chase, 467, 1206, 1305, 1465
 Inter-University Labor Education Committee,
 gift, 1469
 Intracellular enzymes, synthesis and main-
 tenance, research, gift, 1214
 Intravenous gelatin, research, gift, 1216
 Inugai, M., fellowship, 1486
 declination, 1487
 Investments, 379, 567, 568, 834, 1291, 1420,
 1497
 Inwood, Calvene, degree, 407
 Iocca, J. M., degree, 418
 Ireland, C. E., degree, 1563
 Ireland, F. L., degree, 823
 Ireland, H. O., appointment, 125, 959
 Ireland, Shirley, appointment, 1164
 Ireland, W. W., degree, 826
 Ireneus, C., Jr., appointment, 214, 1050
 Ires, J. L., degree, 412
 Ireton, J. E., degree, 597
 Irion, A. L., appointment, 83, 698, 916
 resignation, 1233
 Irish, K. R., appointment, 362, 1191
 Irish, L. R., degree, 824, 1574
 Iron, Noyes Laboratory, purchase, 614
 Irons, E. E., appointment, 352, 1181
 Irons, E. N., appointment, 354, 1182
 Irons, J. H., degree, 810
 Irvin, J. W., degree, 1549
 Irvine, L. Jane, appointment, 207, 394, 1043
 Irvine, Lydia A., degree, 806
 Irvine, W., appointment, 298, 1135
 Irving, F. W., degree, 817
 Irving, R. D., degree, 412
 Irwin, Mrs. Kathleen E., appointment, 273
 Irwin, Martha, appointment, 301, 1138
 Irwin, O. R., appointment, 44
 Isaac, Ethel, degree, 810
 Isaacs, J. A., certificate, 842
 Isaacson, A., certificate, 1330
 Isan, M. R., degree, 1538
 Isbell, P. W., appointment, 303, 1139
 Ison, E. W., appointment, 1127
 Isotope laboratory, appropriations, balances re-
 appropriated, 40
 Italian, *See* Spanish and Italian.
 Ivancevich, R., degree, 821
 Ivens, Elizabeth H., degree, 1549
 Ivens, Mrs. Loreena W., appointment, 445
 Ivens, Virginia, appointment, 163, 999
 Ivers, Margery A., degree, 819
 Iversen, B. G., degree, 589
 Iverson, Mrs. Alice F., appointment, 243, 394,
 1082, 1313, 1378, 1458
 Iverson, H. E., contract, 1360
 Ives, Marjorie B., degree, 820
 Ivy, A. C., appointment, 197, 203, 509, 1032,
 1038
 Krebiozen research, discussion, 1311
 leave of absence, 1320
 Ivy, H. K., fellowship, 46
 Iwig, Dorothy J., appointment, 109, 120, 942,
 953
 Izzo, Mrs. Nancy D., appointment, 324, 1162

- Jablonicky, M. P., degree, 817
 Jablonsky, J. G., degree, 1552
 Jacaway, W. H., degree, 418
 Jachec, S. W., degree, 1565
 Jachim, S. J., degree, 805
 Jackisch, D. F., certificate, 488
 Jackman, W. C., appointment, 242, 1077, 1081, 1458
 Jacobs, J. A., appointment, 1179
 Jackson, B. B., appointment, 60, 893
 Jackson, C., appointment, 1099
 Jackson, C. H., degree, 1395
 Jackson, C. O., appointment, 159, 994, 1453
 Jackson, C. T., appointment, 300, 1137
 Jackson, Mrs. Clara, appointment, 273, 1109
 Jackson, D. D., appointment, 170, 509, 1002, 1005
 Jackson, Dale E., degree, 450
 Jackson, Delbert E., degree, 798
 Jackson, E. L., appointment, 354, 1183
 Jackson, E. R., appointment, 280, 1116
 Jackson, Eileen, degree, 413
 Jackson, Mrs. Estelle, appointment, 1170
 Jackson, F. H., appointment, 394, 907
 Jackson, G. G., appointment, 704, 1047, 1378
 Jackson, Gladys L., appointment, 1173
 Jackson, Mrs. Grace, appointment, 1149
 Jackson, H. O., degree, 810
 Jackson, Mrs. Harriet, appointment, 331, 1172
 Jackson, J., degree, 594
 Jackson, J. F., appointment, 77, 910
 relieved of duties as head of department, 1358
 Jackson, J. J., degree, 795
 Jackson, Lillian M., degree, 409
 Jackson, Mrs. M. Jean, appointment, 258
 Jackson, Margaret L., degree, 1554
 Jackson, Marianna, degree, 1558
 Jackson, Mary L., degree, 1565
 Jackson, Mildred R., appointment, 361, 1189
 Jackson, N. R., appointment, 310, 1148
 Jackson, Naomi F., degree, 591
 Jackson, O. L., degree, 1399
 Jackson, Phyllis, appointment, 311, 1149
 Jackson, R. E., degree, 594
 Jackson, Rosalie K., diploma, 1575
 Jackson, T. A., degree, 802
 Jackson, Ulette, appointment, 1159
 Jackson, W. C., degree, 1548
 Jackson, W. H., degree, 798
 Jackson, W. P., degree, 595
 Jackson, William Ray, degree, 592
 Jackson, W. Richard, Jr., fellowship, 777
 Jackson, W. V., appointment, 300, 1136
 degree, 793
 Jacob, Mrs. Arlene, appointment, 325, 1166
 Jacob, J. P., degree, 828
 Jacob, P. E., appointment, 77, 509, 910
 Jacobowitz, H., fellowship, 513
 resignation, 573
 Jacobs, C. M., degree, 418
 Jacobs, E. B., degree, 1541
 Jacobs, Ellen F., degree, 586
 Jacobs, H. A., degree, 595
 Jacobs, H. B., certificate, 1329
 Jacobs, H. J., appointment, 140
 leave of absence, 779
 Jacobs, J. H., appointment, 1451
 Jacobs, J. L., degree, 1556
 Jacobs, L., appointment, 570, 1054
 Jacobs, Marcella M., degree, 1560
 Jacobs, Mary K., appointment, 1134
 Jacobs, N. N., degree, 1570
 Jacobs, R. F., degree, 1242
 Jacobs, Mrs. Roberta, appointment, 264, 1100
 Jacobs, S., resignation, 403
 Jacobs, S. L., appointment, 1527
 degree, 1540
 Jacobs, W. R., appointment, 570
 Jacobsen, Jane M., degree, 1565
 Jacobsen, Mrs. Jennie C., appointment, 1097
 Jacobsen, R. B., appointment, 300, 1137
 Jacobson, A., degree, 798
 Jacobson, D., certificate, 41
 Jacobson, Deborah, degree, 1396
 Jacobson, E. L., degree, 597
 Jacobson, H. N., appointment, 1185
 Jacobson, I., degree, 422
 Jacobson, Kathryn M., degree, 812
 Jacobson, M. M., appointment, 357, 1186
 Jacobson, Marilyn Y., degree, 1537
 Jacoby General Contractors, contract, 1360
 Jacover, G. S., degree, 814
 Jacqmain, Mrs. Lucy A., appointment, 1163
 Jacques, J. W., degree, 787
 Jacques, W. L., degree, 418
 Jaeger, A., appointment, 1499
 Jaeger, R. P., appointment, 283, 1119
 discovery, patent, application, 1463
 Jaenke, E. A., degree, 1549
 Jaenke, S. F., degree, 1535
 Jaffe, G. S., degree, 806
 Jaffe, H., degree, 809
 Jaffe, M., appointment, 1141
 Jaffe, M. J., degree, 815
 Jaffray, J. B., member of advisory committee, 365, 1195
 Jagielski, Theresa, appointment, 320, 1159
 Jaglowski, Florence, appointment, 1149
 Jaglowski, Victoria, appointment, 317, 1155
 Jagodzinski, Eleanor M., degree, 828
 Jagodzinski, Jean, appointment, 314, 1151
 Jagodzinski, Wanda E., degree, 1576
 Jahn, Mrs. Jane H., appointment, 1150
 Jahn, Mrs. Lois K., appointment, 288
 Jahn, M. D., certificate, 1329
 Jahn, R. G. E., degree, 813
 Jahnke, J. C., degree, 806
 Jahns, A. A., certificate, 1330
 Jakofsky, M., degree, 586
 Jakowatz, C. V., appointment, 126, 693, 961, 1378
 Jamar-Olmen Co., contract, 25
 James, Mrs. Cora L., appointment, 299, 1135
 James, H. L., fellowship, 682
 declination, 731
 James, L. L., appointment, 303, 1139
 James, L. V., contract, 1518
 James, Marian F., appointment, 102, 936
 James, Mary F., appointment, 157, 991
 James, R. E., degree, 1242
 James, R. M., certificate, 41
 degree, 780
 James, Rachel B., degree, 818
 James, T. N., degree, 1562
 James, Verda E., appointment, 218, 1055, 1273
 James, Viola L., appointment, 168, 174, 1004, 1010, 1451
 leave of absence, 449
 James, W. E., degree, 412
 Jameson, G., contract, 1464
 Jamieson, J. R., appointment, 129, 964
 resignation, 1353
 Janak, Dolores M., degree, 800
 Janata, A. J., appointment, 58, 891
 elected Secretary of Board, 601, 1404
 signature, delegation, 4, 444, 602, 858, 1405
 Janci, S. J., degree, 418
 Janes, A. W., appointment, 92, 115, 925, 948
 Janes, R. W., appointment, 85, 918
 Janis, Phyllis K., degree, 1393
 Janis, S., Gallery, purchase, 711
 Janis, V., Jr., degree, 588
 Janke, C. W., appointment, 297, 1133
 Janke, Mrs. Leota L., appointment, 530, 698, 1273
 Janney, D. H., degree, 1552
 Janney, I. W., appointment, 871, 1226
 Janopaul, R. N., degree, 1540
 Janowiak, F. J., certificate, 1330
 Janson, C. Helge M., appointment, 354, 1183
 Janssen, Bernice I., degree, 1547

- Janssen, G. E., degree, 590
 Janssen, H. H., degree, 578
 Janssen, Mrs. Pearl Z., appointment, 108, 695, 942, 1451
 Jantz, F. A., degree, 418
 Janus, A. J., degree, 816
 Janusz, Rita M., appointment, 1166
 Jaques, B. M., appointment, 445, 1043
 Jarabak, R. J., degree, 1576
 Jarchow, C. E., member of advisory committee, 36
 Jarnagin, Mrs. G. T., appointment, 257
 Jarnagin, R. A., appointment, 117, 950
 Jarog, Stephanie, appointment, 1141
 Jaross, R. A., degree, 587
 Jarrett, Mrs. Princess, appointment, 1163
 Jarvis, D., degree, 1542
 Jarvis, Esther A., degree, 817
 Jarvis, J. A., appointment, 1454
 Jarvis, J. M., degree, 794
 Jarvis, Mrs. Marjorie, appointment, 307
 Jasinek, W. G., degree, 820
 Jasinski, D. J., degree, 813
 Jaske, R. C., degree, 588
 Jasper, Norma J., degree, 806
 Jauch, F. W., degree, 785
 Jauch, K. E., fellowship, 1529
 Javid, H., appointment, 364, 1192
 Jayanti, R. S., appointment, 394
 Jayne, S. A., degree, 585
 Jeanmaire, Mrs. Mary L., appointment, 296
 Jefferson, E. H., appointment, 1148
 Jefferson, Kay D., degree, 804
 Jeffress, T. H., Jr., degree, 1399
 Jeffrey Manufacturing Co., purchase, 468
 Jeffries, B. C., degree, 409
 Jeffries, Carolyn W., degree, 1546
 Jeffries, Eva B., degree, 407
 Jeffries, J. U., appointment, 127, 693, 961, 1378, 1449
 Jeffries, Mrs. Patricia G., appointment, 1132
 Jehle, Mimi I., appointment, 79, 912
 Jelliffe, C. R., degree, 797
 Jemmi, Mary L., degree, 1249
 Jenkin, D. L., degree, 1252
 Jenkins, C. C., degree, 1541
 Jenkins, D. J., resignation, 403
 Jenkins, Ellen K., degree, 1244
 Jenkins, F. L., degree, 810
 Jenkins, Mrs. Frances B., appointment, 1179, 1451
 Jenkins, G. L., appointment, 129 degree, 794
 Jenkins, Mrs. Gloria H., appointment, 277
 Jenkins, H. P., appointment, 363, 1191 film work, funds, gift, 552, 1471
 Jenkins, J. F., degree, 784
 Jenkins, Joan G., degree, 806
 Jenkins, June E., appointment, 271, 1108
 Jenkins, Katherine A., degree, 1286
 Jenkins, Kathryn, appointment, 10, 1307
 Jenkins, Mrs. Lola P., appointment, 263, 1099
 Jenkins, Maggie P., degree, 1250
 Jenkins, R. H., degree, 1567
 Jenkinson, G. T., degree, 816
 Jenne, R. H., certificate, 41
 Jenney, Elizabeth H., appointment, 209, 1045
 Jenniches, M., appointment, 326, 1167
 Jennings, K. D., appointment, 300, 1137
 Jennings, L. B., degree, 786 fellowship, 1484
 Jennings, Norma P., degree, 800
 Jennings, P. L., degree, 822, 1571
 Jennings, R. Eileen, appointment, 273, 1109 degree, 1567
 Jennings, T. H., degree, 1549
 Jennings, V. H., appointment, 300
 Jennings, Vivienne R., degree, 1400
 Jeno, J. J., degree, 1248
 Jensen, A., certificate, 488
 Jensen, Annelis S., degree, 1544
 Jensen, Mrs. Christine A., appointment, 307, 1143
 Jensen, Frances, appointment, 1179
 Jensen, G. W., member of advisory committee, 365
 Jensen, Gertrude, appointment, 1152
 Jensen, J. A., degree, 817
 Jensen, J. E., degree, 800
 Jensen, J. O., degree, 424
 Jensen, J. S., degree, 826
 Jensen, J. W., appointment, 167, 1002
 Jensen, Mrs. Katherine B., appointment, 64 declination, 403
 Jensen, R. A., degree, 1304
 Jensen, R. B., degree, 1401
 Jensen, R. E., appointment, 334, 1176
 Jensen, R. S., appointment, 135, 970
 Jensen-Salsbery Laboratories, Inc., purchase, 1520
 Jensik, R. J., appointment, 363, 1192
 Jentschke, W. K., appointment, 132, 871, 967
 Jerison, M., appointment, 136, 696
 Jervis, Mona B., appointment, 288, 1124
 Jeschke, D. R., degree, 1558
 Jesenovce, W. F., degree, 823
 Jeske, J. F., degree, 823
 Jessen, G. P., appointment, 394
 Jessen, J. D., degree, 587
 Jessen, R. J., degree, 1541
 Jesser, J. H., appointment, 354, 1183
 Jessop, Corine, degree, 1386
 Jessup, R., appointment, 286, 1122
 Jessup, R. G., contract, 1264
 Jeter, A. H., degree, 597
 Jewel Tea Co., stock, sale, 834
 Jewett, Ann E., appointment, 871, 980, 996, 1179
 Jezek, G. M., degree, 1562
 Jiaras, G. T., degree, 419
 Jimenez, F., degree, 1540
 Jingst, C. P., degree, 810
 Jinkins, Mary J., degree, 1550
 Jirka, F. J., appointment, 363, 1191
 Jiskra, R. J., degree, 1565
 Joannides, M., appointment, 363, 1191
 Jobe, Mary F., degree, 1536
 Jobst, V., III, appointment, 82, 915
 Joel, D. L., degree, 1555
 Joens, Jacqueline T., degree, 1542
 Joffe, H., appointment, 358, 1187
 Joffe, R. D., degree, 595
 Johannes, K., appointment, 243, 1082
 Johansen, Frida, appointment, 324, 1163
 Johanson, R. K., degree, 804
 John, M. M., degree, 1543
 Johnk, C. T. A., appointment, 1378
 Johns, Marilyn L., degree, 806
 Johns, W. D., Jr., appointment, 122, 792, 955, 1350
 Johnsen, J. R., degree, 1565
 Johnsen, R. E., Jr., degree, 810
 Johnsen, Ruth, appointment, 8
 Johnsen Refrigeration Co., purchase, 30
 Johns Hopkins University, contract, 1327
 Johnson, A. A., degree, 1545
 Johnson, A. L., degree, 412
 Johnson, A. M., degree, 1561
 Johnson, A. R., degree, 412
 Johnson, Abbey E., degree, 1564
 Johnson, Alberta P., degree, 581
 Johnson, Alice, appointment, 310
 Johnson, Alice G., degree, 590
 Johnson, Alice S., appointment, 168, 186, 1003, 1021
 Johnson, Amy, appointment, 320
 Johnson, Anamarie, degree, 1390
 Johnson, Mrs. Ann T., appointment, 185, 394 degree, 1543
 Johnson, Beaumont, II, appointment, 1184
 Johnson, Bernard, appointment, 323, 1165
 Johnson, B. C., appointment, 102, 936

- Johnson, B. G., degree, 588
 Johnson, B. H., degree, 818
 Johnson, B. O., degree, 418
 Johnson, Barbara K., degree, 1555
 Johnson, Beatrice E., appointment, 394, 872, 917
 Johnson, Betty V., appointment, 394
 resignation, 878
 Johnson, Carl A., appointment, 352, 1180
 Johnson, Clarence A., appointment, 203, 1038
 Johnson, C. C., degree, 1390
 Johnson, Carl E., appointment, 394, 905, 1382
 Johnson, Charles E., appointment, 44, 394, 981, 1226, 1273, 1448
 degree, 784
 Johnson, C. F., degree, 1391
 Johnson, Carl R., degree, 1567
 Johnson, Cecil R., degree, 1568
 Johnson, C. W., Jr., degree, 815
 Johnson, Claire, fellowship, 1485
 Johnson, Cora R., degree, 800
 Johnson, D. A., degree, 594
 Johnson, D. B., degree, 1535
 Johnson, Donald Elon, degree, 1549
 Johnson, Donald Eugene, degree, 594
 Johnson, D. F., degree, 581
 Johnson, D. H., degree, 810
 Johnson, D. M., degree, 1546
 Johnson, D. W., degree, 806
 Johnson, Dagmar F., degree, 828
 Johnson, Doris J., degree, 806
 Johnson, E. H., appointment, 44, 872
 degree, 784
 resignation, 1233
 Johnson, E. K., degree, 1252
 Johnson, Eleanor V., appointment, 288, 1131
 Johnson, Elsie, appointment, 319, 1158
 Johnson, Evelyn D., degree, 1550
 Johnson, F. E., appointment, 293
 Johnson, F. H., degree, 1558
 Johnson, F. R., appointment, 364
 resignation, 573
 Johnson, F. S., appointment, 242, 509, 1081, 1457
 Johnson, Florene N., appointment, 302, 1138
 Johnson, Freda, appointment, 1128
 Johnson, G. A., appointment, 282, 1118
 Johnson, Gordon Clifford, degree, 787
 Johnson, Gordon Craig, degree, 826
 Johnson, G. F., degree, 821, 1548
 Johnson, G. L., appointment, 299, 1135
 Johnson, G. O., appointment, 145, 149, 509, 692, 980
 declination, 1233
 Johnson, G. P., degree, 820
 Johnson, G. R., degree, 1572, 1573
 Johnson, Garnet B., degree, 1249
 Johnson, Mrs. Geraldine, appointment, 1168
 Johnson, Gladys M., degree, 787
 Johnson, H. C., appointment, 261, 1097
 Johnson, Mrs. H. C., appointment, 319, 1158
 Johnson, Harold E., degree, 1561
 Johnson, Herbert E., degree, 452, 1282
 Johnson, H. J., appointment, 238, 247, 702, 704, 1086, 1457
 Johnson, H. K., degree, 422
 Johnson, H. O., degree, 1242
 Johnson, Harriette, appointment, 323, 1165
 Johnson, Mrs. Hortense S., appointment, 258, 1094
 Johnson, Huldah E., appointment, 309, 1146
 Johnson, Mrs. Ida B., appointment, 394
 resignation, 777
 Johnson, Irene L., degree, 1242
 Johnson, Irma M., degree, 1237
 Johnson, J. A., appointment, 277, 1113
 Johnson, J. B., degree, 828
 Johnson, J. E., degree, 1557
 Johnson, J. O., degree, 816
 Johnson, James R., degree, 1238
 Johnson, John R., degree, 1570
 Johnson, J. T., degree, 802
 Johnson, Jerome W., degree, 1563
 Johnson, John W., degree, 1540, 1572
 Johnson, Mrs. Jean S., appointment, 295, 1132
 Johnson, Jeannette R., degree, 828
 Johnson, Joan M., degree, 1536
 Johnson, Jo Ann, appointment, 1097
 degree, 1390
 Johnson, Josephine A., appointment, 248, 701, 1087
 Johnson, Mrs. June W., appointment, 258, 1094
 Johnson, Mrs. Justus L., gift, 1471
 Johnson, L. C., degree, 1397
 Johnson, L. L., degree, 1567
 Johnson, L. R., degree, 799
 Johnson, L. T., appointment, 159, 994
 Johnson, L. V., degree, 785
 Johnson, Mrs. Loretta, appointment, 1137
 Johnson, Mrs. Louise D., appointment, 297
 Johnson, Louise M., degree, 1242
 Johnson, M. E., degree, 1549
 Johnson, M. Jeanette, appointment, 1160
 Johnson, M. O., degree, 815
 Johnson, M. R., degree, 802
 Johnson, Mable A., appointment, 9
 Johnson, Margaret, appointment, 327, 334, 1168, 1169, 1176
 Johnson, Margery R., appointment, 306
 Johnson, Marguerite C., degree, 1558
 Johnson, Marjorie A., degree, 828
 Johnson, Marjorie M., degree, 581
 Johnson, Mrs. Muriel S., appointment, 1133
 Johnson, N. C., degree, 1401
 Johnson, N. E., degree, 1242
 Johnson, Nettie F., degree, 1242
 Johnson, O. C., degree, 809
 Johnson, Mrs. Oma L., appointment, 268
 Johnson, P. B., degree, 797
 Johnson, Paul E., degree, 804
 Johnson, Percy E., appointment, 99, 933
 Johnson, Patricia B., degree, 1555
 Johnson, Phyllis A., degree, 1238
 Johnson, R. A., appointment, 72, 690, 905
 Johnson, R. B., appointment, 394
 declination, 1233
 Johnson, R. C., degree, 1555
 Johnson, R. D., degree, 593
 Johnson, R. E., appointment, 82, 915, 1491
 Johnson, Ralph Harry, appointment, 147, 159, 697, 983, 994
 leave of absence, 1280
 Johnson, Ralph Henry, degree, 1562
 Johnson, Robert Harold, certificate, 603
 Johnson, Robert Hugh, degree, 1551
 Johnson, R. I., degree, 1556
 Johnson, R. J., degree, 1395
 Johnson, R. K., appointment, 184, 1019
 Johnson, Richard Lee, degree, 803, 1545
 fellowship, 776
 Johnson, Richard Lynn, fellowship, 1481
 declination, 1487
 Johnson, Robert L., degree, 815
 Johnson, Ray O., appointment, 298, 1135
 Johnson, Roger O., degree, 1555
 Johnson, Ralph W., degree, 810
 Johnson, Robert Warren, degree, 1576
 Johnson, Robert William, appointment, 177, 1013
 resignation, 1382
 Johnson, Mrs. Rhoda, appointment, 330, 1172
 Johnson, Mrs. Rita, appointment, 1140
 Johnson, Mrs. Ruth D., appointment, 256
 Johnson, Ruth G., degree, 1244
 Johnson, S. R., certificate, 1338
 Johnson, Shirley J., appointment, 332
 Johnson, Mrs. Sieglinde H., appointment, 1097, 1121
 Johnson, T. H., degree, 1395
 Johnson, Treva, appointment, 320, 1159
 Johnson, V. K., degree, 781
 discovery, patent, application, 2
 Johnson, V. S., degree, 1252, 1567

- Johnson, Virginia A., degree, 806
 Johnson, Mrs. Virginia C., appointment, 296
 Johnson, W., appointment, 308
 Johnson, Walter C., certificate, 488
 Johnson, Warren C., degree, 802
 Johnson, W. E., appointment, 299, 1135
 Johnson, W. F., degree, 423
 Johnson, W. M., appointment, 153, 988
 Johnson, W. O., degree, 587
 Johnson, W. R., degree, 817
 Johnson, Wallace S., degree, 804
 Johnson, William S., degree, 824, 1574
 Johnson, W. T., degree, 1400
 Johnson, Wilma L., appointment, 1226
 Johnson, Zelma J., degree, 576
 Johnston, A. S., degree, 1565
 Johnston, B. B., Jr., appointment, 1273
 Johnston, C. L., degree, 1562
 Johnston, Dorothy J., appointment, 394
 degree, 415
 Johnston, G. R., fellowship, 1481
 Johnston, Isola N., degree, 1555
 Johnston, J. M., degree, 1572
 Johnston, K. C., appointment, 359, 1187
 Johnston, L. D., appointment, 73
 leave of absence, 684
 Johnston, Lela M., degree, 1558
 Johnston, Mrs. Nell C. B., appointment, 145,
 981
 Johnston, P. E., appointment, 94, 688, 928
 cancellation, 878
 Johnston, R. H., appointment, 289, 1126
 degree, 802
 Johnston, R. J., appointment, 364, 1192
 Johnston, R. L., appointment, 175, 1010
 Johnston, W. A., appreciation of hospitality,
 726
 authority to sign bonds for financing Chicago
 housing projects and remodeling second
 unit of Dentistry-Medicine-Pharmacy
 Building, 625
 member of committees, 603, 1222, 1405,
 1422
 representative on Merit Board of University
 Civil Service System of Illinois, 844
 Johnston, W. M., degree, 1572
 Johnston, W. W., appointment, 279
 Johnston, Mrs. Wilna D., appointment, 282,
 1117
 Johnstone, H. F., appointment, 72, 123, 905,
 957
 discovery, patent rights, release, 1463
 John Street, property at 601 East, basement
 improvements, contract, 502
 parking lot, contract, 29
 remodeling, appropriation, 611
 balance reappropriated, 39, 1198
 contract, adjustment, 770, 1328
 Joint bars and wheel loads, study, contract,
 change, 668
 Joints, riveted and bolted, study, contract,
 change, 769
 Jokela, J. J., appointment, 571, 941, 948
 Joliet arsenal, barns, moving, contract, 1305
 Jollain, Irene, appointment, 1165
 Jolles, I., member of advisory committee, 562
 Jombock, J. R., degree, 1551
 Jones, A., degree, 1252
 Jones, A. E., degree, 806
 Jones, A. T., degree, 790
 Jones, A. W., degree, 452
 Jones, Alice G., degree, 1237
 Jones, B. A., Jr., appointment, 1527
 degree, 409
 Jones, Barbara J., certificate, 1329
 Jones, Beverly A., appointment, 307, 1143
 degree, 806
 Jones, D., degree, 412
 Jones, D. L., fellowship, 679
 declination, 731
 Jones, D. R., degree, 802
 Jones, Dorothy, appointment, 1138
 Jones, Dorothy C., degree, 1564
 Jones, Dorothy D., degree, 1386
 Jones, E. E., degree, 412
 Jones, E. J., degree, 819, 1544
 Jones, E. T., appointment, 571, 1186
 Jones, Edith C., appointment, 184, 186, 1019,
 1020
 Jones, Elizabeth C., appointment, 1112
 Jones, Ethel B., fellowship, 1482
 declination, 1487
 Jones, Evelyn L., degree, 800
 Jones, F. E., degree, 808
 Jones, F. M., appointment, 139, 690, 974,
 1445
 Jones, Faustine C., degree, 788
 Jones, G. E., appointment, 76, 909
 Jones, G. N., appointment, 71, 689, 904, 1445
 leave of absence, 1408
 Jones, Geneva M., degree, 581
 Jones, Mrs. Gladys L., appointment, 394, 872,
 1273
 Jones, H. E., degree, 581
 Jones, H. L., degree, 407
 Jones, H. R., degree, 1393
 Jones, J. B., Jr., degree, 1549
 Jones, James Edward, degree, 1238
 Jones, James Edward, degree, 1572
 Jones, J. L., degree, 582
 Jones, J. O., appointment, 248, 1087
 Jones, J. P., degree, 1388
 Jones, Jeanne I., appointment, 291, 1127
 Jones, Joan E., degree, 1558
 Jones, Joann D., degree, 1555
 Jones, Joann P., degree, 1560
 Jones, Kathryn A., degree, 791
 Jones, L. A., degree, 1237
 Jones, L. D., degree, 419
 Jones, L. H., degree, 1536
 Jones, Lois M., degree, 412
 Jones, M. J., certificate, 1329
 Jones, Mary E., appointment, 1460
 Jones, N., appointment, 308, 1141
 Jones, N. E., certificate, 842
 Jones, O. A., degree, 588
 Jones, P. G., appointment, 133, 701, 969, 1456
 Jones, P. K., degree, 810
 Jones, P. R., fellowship, 1481
 Jones, P. V. B., appointment, 79, 912
 Jones, Princess B., degree, 408
 Jones, R. A., appointment, 154, 180, 988,
 1015, 1313
 Jones, R. E., degree, 798
 Jones, R. F., degree, 1561
 Jones, Robert Henry, degree, 593
 Jones, Robert Huhn, degree, 786
 Jones, R. M., appointment, 353, 1182
 Jones, Robert Stewart, appointment, 7, 44,
 692, 981, 1448
 Jones, Robert Stirling, degree, 817
 Jones, Ruth A., degree, 826
 Jones, Mrs. Ruth R., appointment, 299
 Jones, S. D., Jr., degree, 826
 Jones, S. L., appointment, 244, 703, 1083,
 1458
 Jones, T. L., member of advisory committee,
 1194
 Jones, Thomas Smith, appointment, 204, 1039
 Jones, Thomas Stuart, degree, 789
 Jones, Thelma, appointment, 321, 1160
 Jones, V. S., degree, 587
 Jones, William Dibrell, degree, 792
 Jones, William Donald, degree, 1572
 Jones, Walter E., Jr., appointment, 283, 1119
 Jones, Woodrow E., degree, 409
 Jones, W. P., degree, 1391
 Jones, W. R., degree, 1249
 Jonietz, Mrs. Alice K., appointment, 60, 83,
 892, 917
 Jonson, C. F., appointment, 1118
 Joranson, Y., appointment, 201, 1037
 Jordahl, H. O., certificate, 41

- Jordan, E. C., appointment, 126, 509, 960
discovery, patent rights, release, 1463
Jordan, E. D., degree, 828
Jordan, E. K., certificate, 488
Jordan, G. L., appointment, 94, 688, 928
Jordan, Gertrude A., appointment, 262, 1099
Jordan, H. H., appointment, 121, 128, 954,
962
Jordan, Mrs. Helen G., appointment, 286, 1123
Jordan, Mrs. Kathryn C., appointment, 278,
1114
Jordan, L. A., degree, 813
Jordan, Laura J., degree, 414
Jordan, Martha A. P., degree, 1543
Jordan, Mary O., appointment, 293, 1129
Jordan Paint Co., purchase, 1360
Jorgensen, G. L., degree, 595
Jorgensen, W. C., appointment, 1125
Joria, H. J., degree, 415
Jory, F. L., Jr., degree, 1401
Joseph, N. R., appointment, 221, 1058
Joseph, R. H., degree, 816
Joseph, S., degree, 794
Josephson, Elaine A., degree, 1550
Josey, A. D., degree, 809
Jost, K. C., degree, 450
Jost, Rosalia M., degree, 415
Jostock, H. J., Jr., degree, 814
Journalism and Communications, School of,
appropriations, balances reappropriated, 38,
1197
budget, 166, 288, 1002, 1124
summer session, 695, 1451
degrees conferred, 423, 595, 816, 1251, 1287,
1399, 1564
scholarship, gift, Advertising Executives
Club of Chicago, 1210, 1467
Junior Women's Advertising Club of
Chicago, 1468
wired wireless station, appropriation, 492
Journal of Educational Theory, printing, 467,
1305
Jovovich, W., degree, 1551
Joyce, Mrs. Barbara, appointment, 1153
Joyce, F. W., degree, 800
Joyce, S. B., degree, 587
Joynier, Sarah A., degree, 1392
Jucevic, E. L., degree, 597
Juchinski, R. E., degree, 804
Juco, Vivienne, degree, 1558
Judd, D. P., appointment, 279, 1115
Judiesch, Margaret, appointment, 224, 1061
Judson, R. R., degree, 806
Judy, R. W., degree, 595
Judy, W. S., appointment, 362, 774, 1191,
1350
resignation, 1383
Juergensmeyer, Carolyn S., degree, 812
Jugenheimer, R. W., appointment, 99, 932
leave of absence, 1408
change, 1507
Juhlin, E. A., degree, 1246
Juster, C. H., degree, 821
Julian, O. C., appointment, 363, 1050
Juliano, D. C., degree, 1400
Jump, L. K., degree, 585, 788
Jung, A. F., appointment, 248, 701, 1086
Jung, W., certificate, 41
Junge, H., degree, 815
Jungels, Bette R., degree, 581
Jungels, G. F., degree, 1252
Juni, E., appointment, 571, 904
Junior League of Chicago, Inc., gift, 554
Junior Women's Advertising Club of Chicago,
gift, 1468
Junk, W. A., Jr., degree, 1533
fellowship, 678, 1352
declination, 1353
Junkel, W. O. R., degree, 588
Junnila, Katherine L., degree, 1557
Juodikis, A., degree, 1551
Jupin, Laura R., degree, 407
Jurak, L. J., degree, 1393
Jurkovich, Barbara, appointment, 1159
Juszczyński, Alice, appointment, 324, 1162
Jusina, Elsie, bequest, 523
Juska, Aldona A., appointment, 1273
Just, M., appointment, 1173
Juster, R. J., degree, 1570
Justus, F. E., Jr., degree, 798, 1538
Juszczyk, W., degree, 1555
Jutton, Emma R., appointment, 168, 185, 1004,
1020
Juull, W. E., degree, 813
Juvinall, R. C., appointment, 129
degree, 415
resignation, 404
Kabbes, Sarah M., appointment, 248, 1086,
1457
Kabella, Helen J., appointment, 10, 1307
Kabella, Mary K., appointment, 329, 1170
Kaberna, J. J., authority to sign name of
Treasurer on withdrawals from Dentistry,
Medicine, and Pharmacy Construction
Fund Account, 666
Kachel, S. A., degree, 424
Kachinskas, G. K., degree, 804
Kaczmarek, C., appointment, 308, 1141
Kadet, S. R., degree, 806
Kadlec, E. G., degree, 1553
Kadlub, Mrs. Jean V., appointment, 304
Kadlub, K. J., Jr., degree, 810
Kadow, F. J., degree, 810
Kadow, J. R., certificate, 842
Kadowaki, G. M., certificate, 41
Kaemerle, R. E., degree, 1569
Kaemlein, Dorothy, appointment, 329
Kaffel, Fern M., degree, 592
Kagan, A., degree, 828
Kagan, B. M., appointment, 360, 1189
Kagan, H. L., gift, 556
Kahan, H., certificate, 1292
Kahan, P., appointment, 364, 1193
Kahane, H. R., appointment, 85, 699, 919, 1454
Kahane, Mrs. Renee T., appointment, 394
Kahle, W. W., degree, 816
Kahler, E. S., degree, 826
Kahler, F. A., III, appointment, 44, 246, 702,
1085, 1314
resignation, 1502
Kahn, Ada B., degree, 784
Kahn, F., degree, 1552
Kahn, Frances, degree, 1249
Kahn, G., degree, 1251
Kahn, L., degree, 591
Kahn, L. I., degree, 595
Kahn, L. K., degree, 597
Kahn, M. R., appointment, 1186
Kahn, N. S., certificate, 1338
Kahn, R. P., degree, 1283
Kahn, Rena G., degree, 416
Kahn, Rica O., degree, 819
Kahn, Ruth, appointment, 11
Kahnemuyipur, J., degree, 1395
Kahnweiler, A. J., certificate, 1330
Kaindl, A. M., Jr., degree, 1551
Kaine, J. P., degree, 422
Kains, S. B., degree, 1555
Kaiser, B. F., degree, 1561
Kaiser, E. B., Co., purchase, 501
Kaiser, G. D., appointment, 202, 214, 394,
1050, 1063
Kaiser, Gertrude E., appointment, 109, 119,
395, 942, 952
Kaiser, L. E., degree, 803
Kaiser, Lorna A., degree, 806
Kaiser, R. J., appointment, 1184
degree, 830
Kakacek, June R., degree, 812
Kakita, C., degree, 1558
Kalar, P. B., Jr., degree, 1560
Kalb, C. H., appointment, 355
termination, 478

- Kaldon, H. E., degree, 591
 Kaldon, Mrs. Jacqueline M., appointment, 293
 Kalenda, N. W., fellowship, 1481
 Kalish, Eva R., degree, 1558
 Kallenback, Mrs. Lillian, appointment, 316, 323, 1154, 1166
 Kallstrom, D. W., degree, 420
 Kalnicky, Irene, appointment, 11, 1308
 Kalodimos, Magdeline, appointment, 333
 Kalos, Mrs. Elaine E., appointment, 267
 Kalsen, Millie E., appointment, 9, 1307
 Kalser, M. H., degree, 831
 fellowship, 447
 Kaltenbronn, E. J., degree, 422
 Kaltenbronn, Verna K., degree, 596
 Kalvelage, B. F., degree, 419
 Kamat, G. J., degree, 576
 resignation, 646
 Kamenetzky, J., degree, 1238
 Kamenko, G. C., degree, 591
 Kamnietzky, H. A., appointment, 1185
 Kaminski, D. E., degree, 1565
 Kaminski, J. P., degree, 1240
 Kaminski, J. W., degree, 1558
 Kaminski, Mrs. Margaret, appointment, 1133
 Kanum, R. M., degree, 1565
 Kamm, V. C., degree, 802
 Kamman, J. F., appointment, 60, 893
 Kammerer, W. L., Jr., degree, 816
 Kammlade, William Garfield, appointment, 92, 101, 118, 925, 935, 951
 Kammlade, William Garfield, Jr., degree, 781
 Kamp, Doris E., appointment, 288, 1124
 Kamp, J. R., appointment, 112, 945
 Kampenga, Mrs. Betty J., appointment, 268, 1104
 Kampenga, D. D., degree, 587
 Kampenga, K. G., degree, 1248
 Kamper, D. E., degree, 585
 Kampmeier, O. F., appointment, 201, 1036
 Kamstra, Dorothy K., degree, 784
 Kamykowski, E. M., degree, 810
 Kamys, R. J., degree, 1251
 Kanaley, J., purchase, 32
 Kanare, Mrs. Gertrude, appointment, 1093
 Kanare, S. M., degree, 1537
 Kanareff, Vera T., degree, 1555
 Kandle, K. M., degree, 1555
 Kane, Mary A., appointment, 297, 1133
 Kanellos, Irene, degree, 592
 Kanemaru, D. K., degree, 810
 Kang, Chi-Lung, degree, 1282
 Kann, C. R., certificate, 842
 Kanne, R. F., degree, 587
 Kannmacher, F. J., degree, 1392
 Kanrich, E., certificate, 488
 Kansas City White Goods, purchase, 30, 560
 Kantak, R. G., degree, 798
 Kanter, A., degree, 826
 Kanter, A. E., appointment, 356, 1185
 Kanter, C. D., degree, 1395
 Kanter, D. H., degree, 1399
 Kantor, Mrs. Blanche K., appointment, 265
 Kantor, M., painting, purchase, 711
 Kanwischer, E. R., degree, 1566
 Kao, R. C., degree, 1532
 fellowship, 676, 1352
 Kao, Rose T., degree, 1557
 Kap Chevrolet Co., purchase, 343
 Kapes, Mrs. Ruth F., appointment, 1172
 Kaplan, A., degree, 797
 Kaplan, C. B., degree, 826
 Kaplan, D., certificate, 41
 Kaplan, E., degree, 1398
 Kaplan, H., degree, 1401
 Kaplan, Max, appointment, 85, 674, 918, 991, 1452, 1454
 degree, 1283
 Kaplan, Max, appointment, 1186
 Kapnick, H. E., Jr., certificate, 41
 Kapp, B., certificate, 41
 Kapp, J. E. C., degree, 1387
 Kappa, G. P., degree, 813
 Kappa Alpha Theta, gift, 1472
 Kappauf, W. E., appointment, 652, 916
 Kappelman, Selma P., degree, 806
 Kappes, Mrs. Betty J., appointment, 276
 Kapple, W. H., appointment, 180, 1016
 Kapraun, Elizabeth L., degree, 1550
 Kapraun, Rita A., degree, 586
 Kapustiak, W. A., appointment, 530, 1186
 Karacic, T. J., degree, 806
 Karakuska, R. J., degree, 1400
 Karamelas, P. S., degree, 596
 Karanth, K. P., resignation, 448
 Karbelnig, M. J., degree, 824, 1573
 Karel, J. S., degree, 821
 Kargl, G. J., certificate, 1329
 Karich, Kathryn, appointment, 1155
 Kariher, H. C., Co., purchase, 837
 Kark, R. M., appointment, 204, 1039
 Karl, Esther, appointment, 316, 1154
 Karlin, Donna R., degree, 812
 Karlovsky, E. P., degree, 1551
 Karner, J. R., degree, 821
 Karnes, M. R., appointment, 146, 692, 982
 Karnes, Mrs. Merle B., appointment, 44
 Karp, W. S., degree, 1401
 Karpinski, H. J., degree, 587
 Karpinski, R. W., appointment, 243, 703, 1082
 Karkaker, A. G., degree, 824, 1574
 Karkaker, J. D., degree, 1563
 Karkaker, O. M., death, 1331
 memorial, 1348
 Karkaker, R. G., degree, 1576
 Karkaker, W. G., degree, 1553
 Karras, Bernice W., degree, 819
 Karras, C., degree, 796
 Karras, R. N., degree, 1561
 Karry, R. W., degree, 1545
 Kasap, G., degree, 1567
 Kaschak, Margaret M., appointment, 296
 Kase, J. L., degree, 1561
 Kashiwagi, S., degree, 828
 Kasik, H. J., certificate, 1329
 Kaspar, P. A., certificate, 1329
 Kasparik, M. F., degree, 1558
 Kasper, F. S., degree, 1552
 Kasper, S., degree, 1387
 Kasperski, Evelyn A., degree, 1556
 Kassel, C. E., Jr., appointment, 1527
 degree, 1552
 Kassel, T., certificate, 842
 Kasten, G. D., Jr., certificate, 842
 Kastholm, R. F., degree, 828
 Kastman, Vanja Y., degree, 1244
 Kaston, Clara, degree, 828
 Katagiri, D. T., degree, 804
 Katel, W. C., degree, 1572
 Kater, Marilyn J., degree, 814
 Kath, C., appointment, 274, 1110
 Kath, F. L., degree, 1567
 Katoyanna, M., appointment, 1175
 Katsinas, J., lease, expiration at termination date, 605
 extension, request, 388, 1503
 renewal, report of committee, 1525
 termination recommended, 517
 Katz, A., degree, 810
 Katz, Barbara E., degree, 1563
 Katz, E. M., degree, 1572
 Katz, H. W., appointment, 44, 126, 961, 1378
 Katz, L. P., degree, 806
 Katz, Marilyn, degree, 812
 Katz, Naomi K., degree, 1567
 Katzen, Marilyn, degree, 1250
 Kauer, J. C., fellowship, 678, 1481
 Kauffman, H. F., Jr., degree, 450
 Kauffmann, R. E., degree, 1285
 Kauffold, V. A., degree, 407
 Kaufman, A. G., degree, 1562
 Kaufman, A. P., degree, 791
 Kaufman, Bertelle J., degree, 592
 Kaufman, I., appointment, 127, 961, 1378

- Kaufman, J. D., appointment, 357, 1185
 Kaufman, M. E., degree, 1541
 Kaufman, Marguerite S., appointment, 674, 1020
 Kaufman, R. I., degree, 822
 Kaufman, T. L., degree, 797
 Kaufman, W. H., degree, 826
 Kaufmann, H. H., degree, 1574
 Kaufmann, J., degree, 795
 Kaufmann, M. K., degree, 1572
 Kaufmann, O. W., appointment, 395, 940
 Kaulfers, W. V., appointment, 144, 692, 980, 1447
 Kautz, C. A., degree, 821
 Kavanaugh, Mrs. Veronica, appointment, 316, 1154
 Kavensky, H. H., degree, 1548
 Kawa, Mrs. Betty J., appointment, 313
 Kawabe, Martha M., degree, 1576
 Kay, Dolly, gift, 1219
 Kay, J. W., degree, 1248
 Kay, L. O., certificate, 41
 Kay, N. H., degree, 806, 1237
 Kay, R. J., degree, 1398
 Kaye, Virginia M., degree, 1395
 Kaynor, T. S., degree, 818
 Kayser Bros., purchase, 344
 Kaytor, A. J., degree, 1247
 Kazalla, G., degree, 806
 Kazlo, F. H., degree, 580
 Kazmierski, Irene C., degree, 815
 Keach, Barbara A., appointment, 295, 1131
 Keagle, F., appointment, 395
 Keagle, Marjorie E., appointment, 1106
 Keane, K. W., degree, 788
 Keane, Mrs. Margaret B., appointment, 445, 936, 949
 Keane, resignation, 1502
 Kearby, G. G., degree, 1549
 Kearney, B. F., certificate, 1329
 Kearney & Trecker Corp., purchase, 611
 Kearns, C. W., appointment, 77, 910
 Kearns, J. J., appointment, 360, 1188
 Keating, Dolores F., appointment, 305, 1141
 Keating, E. J., degree, 813
 Keating, Mary, appointment, 312, 1148
 Keating, O. A., appointment, 302, 1138
 Keck, Charlotte, appointment, 395, 920, 981
 Keck, degree, 1246
 Keck, R. M., legal services, payment, 1258
 Keck, W., degree, 802
 Keebler, Lois E., degree, 800
 Keefe, Mrs. Charlotte J., appointment, 1170
 Keefe, D. G., degree, 420
 Keefe, Elizabeth J., degree, 418
 Keegan, T. J., appointment, 1118
 Keenan, R. P., certificate, 1329
 Keenher, R. A., degree, 1399
 Keel, Marcia D., appointment, 283, 1119
 Keeley, D. F., degree, 1557
 Keen, D. R., degree, 798
 Keen, Maria E., appointment, 674
 Keener, C. A., appointment, 126, 693, 960, 1448
 Keeney, Margaret H., appointment, 843, 1042
 Keeney, Mrs. Nadyne E., appointment, 292
 Keesal, A. B., degree, 1562
 Keese, Jacqueline, degree, 1560
 Keethler, J., appointment, 1113
 Keeton, R. W., appointment, 204, 1039
 Kezell, D. B., degree, 1540
 Kefalas, G. P., degree, 792
 Kegley, R. M., degree, 1562
 Kehe, E. E., degree, 1245
 Kehl, L. J., degree, 1248
 Kehlet, A. B., degree, 800
 Kehni, Ruth, appointment, 9
 Keilman, Marilyn M., degree, 808
 Keim, J. T., degree, 589
 Kein, Burnell E., degree, 1558
 Keirs, R. J., resignation, 46
 Keiserman, Pearle, appointment, 321, 1159
 Keister, Valada M., appointment, 257, 1094
 Keith, B., appointment, 1141
 Keith, Diane L., degree, 806
 Keith, G. S., appointment, 153, 689, 988
 Keith, M. Helen, appointment, 102, 936
 Keith, W. M., appointment, 395, 989
 Keithley, C. D., degree, 785
 Kell, B. M., degree, 587
 Kell, W. G., appointment, 140, 975
 Kell, declination, 1233
 Kellar, W. J., degree, 804
 Keller, A. E., degree, 1394
 Keller, C. L., Jr., appointment, 1452
 Keller, J. R., degree, 417
 Keller, Lois, appointment, 1154
 Keller, Mildred E., appointment, 1273
 Keller, degree, 416
 Keller, Rae L., degree, 807
 Keller, S. P., appointment, 445, 644
 Keller, Virginia B., degree, 407
 Kelley, C. H., Jr., degree, 1401
 Kelley, Cornelia P., appointment, 75, 693, 908, 1449
 Kelley, Dorothy J., appointment, 164
 Kelley, F. J., degree, 586
 Kelley, Grace B., degree, 793
 Kelley, J. R., degree, 798
 Kelley, J. T., degree, 1283
 Kelley, K., degree, 597
 Kelley, Mary R., appointment, 290, 1126
 Kelley, P. R. J., degree, 810
 Kelley, R. L., certificate, 41
 Kelley, V. W., appointment, 111, 945
 Kelley, Wylma J., appointment, 288
 Kelley-Koett Manufacturing Co., purchase, 1359
 Kellogg, J. S., appointment, 217, 1054
 Kellogg, K., appointment, 156, 696, 990
 Kellogg, M. K., appointment, 1378, 1499
 Kellogg, W. K., Foundation, grant, support of project to strengthen educational broadcasting, 765
 Kelly, A. P., Jr., appointment, 644, 1192
 Kelly, Mrs. Alice, appointment, 321, 1164
 Kelly, Catherine A., appointment, 1169
 Kelly, D. V., degree, 1561
 Kelly, F. B., appointment, 353, 1181
 Kelly, F. B., Jr., appointment, 360
 Kelly, G. R., degree, 1392
 Kelly, Georgiana, appointment, 9
 Kelly, H. R., degree, 822, 1571
 Kelly, J. C., appointment, 351, 395, 699, 920, 1455
 Kelly, J. Robert, appointment, 156, 990, 1452
 Kelly, leave of absence, 1408
 Kelly, James Robert, certificate, 41
 Kelly, K. A., degree, 1558
 Kelly, Kathleen E., degree, 417
 Kelly, Patricia F., appointment, 1097
 Kelly, R. A., appointment, 44, 95, 115, 928, 949
 Kelly, R. E., degree, 820
 Kelly, T. L., fellowship, 1231, 1500
 Kelly, W. E., degree, 590, 1548
 Kelow, Barbara, appointment, 305, 1142
 Kelso, Ruth, appointment, 75, 908
 Kelz, T., degree, 814
 Kemmerer, D. L., appointment, 141, 691, 976
 Kemmerer, letter, referred to Committee on General Policy, 772
 Kemmerer, H. R., appointment, 395, 946, 951
 Kemner, T. B., Jr., degree, 1400
 Kemp, E. L., appointment, 298, 1135
 Kemp, E. L., Jr., degree, 1551
 Kemp, Gladys, appointment, 328, 1170
 Kemp, J. D., degree, 1533
 Kemp, Reva, appointment, 308, 1141
 Kempa, J. W., degree, 820

- Kempe, L. L., appointment, 7, 395, 940
 discovery, patent rights, release, 1340
 resignation, 1353
 Kempers, J., fellowship, 1484
 Kempf, J. E., appointment, 202, 509, 704,
 1037
 Kenaga, J. W., degree, 815
 Kendall, K. A., appointment, 104, 938
 leave of absence, 514
 Kendall, T. W., degree, 585
 Kendeigh, S. C., appointment, 87, 921
 Kendell, H. W., appointment, 209, 229, 1046,
 1068, 1333
 declination, 1279
 member of advisory committee, 562
 Kendrick, A. B., appointment, 204, 1039
 Kendrick, Frances L., degree, 819
 Kendy, L., degree, 794
 Keneipp, Tressa, appointment, 11
 Keneipp, Virginia M., appointment, 110, 114,
 115
 resignation, 404
 Kennady, J. C., fellowship, 447
 resignation, 777
 Kennard, E. H., degree, 412
 Kennard, L. J., degree, 597
 Kennedy, Alice E., degree, 825
 Kennedy, Dorothy, appointment, 1154
 Kennedy, D. J. L., degree, 1540
 Kennedy, Eloise M., appointment, 1226
 Kennedy, Mrs. Helen D., appointment, 1107
 Kennedy, Helen M., degree, 806
 Kennedy, J. D., degree, 802
 Kennedy, J. L., degree, 799
 fellowship, 679
 Kennedy, J. O., degree, 1548
 Kennedy, J. W., appointment, 154, 989, 1445
 Kennedy, Maxine H., appointment, 180, 1016
 Kennedy, R. C., degree, 587
 Kennedy, R. E., appointment, 247, 509, 1086,
 1314
 Kennedy, W. E., appointment, 100, 933
 degree, 781
 leave of absence, 514
 Kennedy, W. R., degree, 591
 Kenney, H. E., appointment, 159, 994
 Kenney, Jean M., certificate, 41
 Kenney, Phyllis A., degree, 1567
 Kenny, Mrs. Anna W., appointment, 241,
 1081
 Kenny, R. W., degree, 804
 Kenny, Virginia A., appointment, 323, 1166
 litigation, legal services, payment, 1258
 report, 1257
 Kensil, C. J., degree, 585
 Kent, Ann, appointment, 267, 1103
 Kent, B. F., appointment, 107, 117, 941, 950
 resignation, 1233
 Kent, F. J., degree, 1247
 Kent, W. A., degree, 418
 Kenworthy, L., appointment, 692
 Kenworthy, R. D., appointment, 282, 1118
 Kenyon, W. C., degree, 1538
 Kephart, J. E., degree, 1244
 Kerby, R. B., degree, 1567
 Kerch, Norma J., degree, 807
 Kerkering, T. E., appointment, 283, 1120
 Kern, Dorothy B., degree, 1537
 Kerner, Diana W., degree, 410
 Kerns, Freda L., degree, 1239
 Kerr, D. W., appointment, 44
 Kerr, F. W., degree, 798
 Kerr, J. E., Jr., degree, 1572
 Kerr, J. R., degree, 1553
 Kerr, J. S. S., degree, 782
 Kerr, R. O., degree, 410
 Kerr, Mrs. Rosalie, appointment, 283, 1115
 Kerr, T. F., degree, 805
 Kerr, W. L., degree, 423
 Kerres, Esther L., degree, 407
 Kerrigan, C. H., degree, 804
 Kersh, Vida J., degree, 800
 Kershaw, Mrs. Dell, appointment, 1176
 Kerst, D. W., appointment, 133, 968
 discovery, patent rights, 710
 Kerwick, Mrs. Marion S., appointment, 242,
 1081
 Kerwood, L. O., appointment, 395, 973
 Kesel, R. G., appointment, 215, 216, 1051,
 1053
 Kesler, C. E., appointment, 134, 969
 Kesler, C. R., certificate, 1330
 Kesler, Phyllis M., appointment, 292
 Kesler, R. E., degree, 593, 1548
 Kesler, R. L., appointment, 354, 1183
 Kesler, V. D., appointment, 274, 1110
 Kesler, W. R., degree, 593, 1548
 Keslin, R., degree, 418
 Keslinger, Joyce E., degree, 807
 Kessel, W. H., & Co., purchase, 30, 341, 375,
 524, 525, 612, 710, 853, 854, 1520
 Kessinger, G. L., degree, 799
 Kessler, Elizabeth D., appointment, 183, 1018
 Kessler, H., appointment, 155, 696, 990, 1452
 Kessler, L. M., member of Board of Ex-
 aminers in Accountancy, 1490
 Kessler, M. S., appointment, 256, 1093
 Kestenbaum, J. L., degree, 1556
 Kester, Mrs. Audrey, appointment, 1142
 Kester, Martha, degree, 1244
 Keswick, Mrs. Marguerite W., appointment,
 293, 1130
 Ketchum, P. W., appointment, 80, 913, 1451
 Kettelkamp, G. C., appointment, 149, 981
 Kettelkamp, Marilyn J., degree, 800
 Keuper, C. H., certificate, 1490
 Kewaunee Manufacturing Co., purchase, 615
 Key, M., appointment, 270, 1107
 Key deposit fee, discontinued, 653
 Keys, Elizabeth A., degree, 1250
 Keyser, D. B., appointment, 248, 1087
 Keyser, J. E., degree, 804
 Keyser, Mrs. Kathryn M., appointment, 260
 Keystone Steel & Wire Co., purchase, 440
 Kezar, Vera, appointment, 12
 Khachatryan, N., appointment, 125, 395, 958,
 1273, 1378
 degree, 1385
 Kharasch, J. A., degree, 826
 Khedroo, L. G., appointment, 352, 1180
 Khosla, G., degree, 1538
 Kiaup, A. F., degree, 803
 Kibbe, J. F., degree, 818
 Kibler, Alice J., degree, 1576
 Kibler, D. F., appointment, 281, 1117
 Kibler, V. A., degree, 1565
 Kiburz, A. J., Jr., degree, 412
 Kichin, R. F., degree, 1400
 Kidd, R. G., degree, 1567
 Kidd, R. R., degree, 596
 Kidd, Mrs. Ruth M., appointment, 278, 1114
 Kidd, W. C., degree, 594
 Kidder, R. W., appointment, 185, 1020
 Kidera, E. H., degree, 1249
 Kidwell, Mrs. Margaret, appointment, 306
 Kidwell, R. E., Jr., degree, 591
 Kiehack, Phyllis L., degree, 806
 Kiefer, A. R., degree, 797
 Kiefer, J. H., appointment, 213, 1049
 Kiel, Pauline E., appointment, 1175
 Kielbon, A., degree, 1562
 Kieler, H. E., degree, 816
 Kienast, Dorothy M., degree, 1251
 Kiener, G. J., Jr., certificate, 1330
 Kiesel, Elsie A., degree, 582
 Kiesel, R. E., degree, 1394
 Kilb, R. W., fellowship, 1481
 declination, 1487
 Kilberg, H. J., certificate, 1330
 Kilbourne, B., appointment, 363
 Kilboy, L. J., Jr., degree, 419
 Kilburn, Joan, appointment, 325
 Kile, E. F., degree, 585
 Kile, Norma J., degree, 828
 Kiler's Inc., purchase, 710

- Kiley, Jeanne A., appointment, 244, 395, 703, 872, 1083, 1458
 Killey, Mary L., degree, 580
 Killian, Mrs. Barbara R., appointment, 1092
 Killian, Camille, appointment, 358
 Killian, W. G., degree, 797
 Killoren, T. A., degree, 1561
 Kiln, Geology, purchase, 467
 Kim, K. S., degree, 1569
 fellowship, 447, 1278
 Kimball, H. L., degree, 1247
 Kimball, Lenore, appointment, 10, 1307
 Kimble, Mary K. A., degree, 800
 Kimbrough, Mamie E., degree, 1555
 Kimbrough, R. L., degree, 823, 1570
 Kimbrough, W. M., degree, 1549
 Kimmel, A., certificate, 1338
 Kimmel, Anne, appointment, 8
 Kimmel, H. L., degree, 798
 Kimmelshue, Florence A., appointment, 109, 119, 943, 952
 Kimpling, F. W. Jr., degree, 581
 Kimura, Lillian C., degree, 806
 Kimura, Rose M., degree, 1558
 Kincaid, D. J., Jr., degree, 1551
 Kindberg, R. W., degree, 1251
 Kinell, C. J., degree, 1571
 Kinert, H. A., degree, 407
 King, Ameda R., appointment, 79, 912
 King, C., appointment, 1477, 1527
 King, D. G., degree, 1549
 King, Mrs. Dorida, appointment, 306, 1142
 King, E. E., appointment, 124, 958
 King, E. W., Jr., appointment, 44
 degree, 576
 King, Ellen E., appointment, 1499
 fellowship, 646, 1231
 King, Florence M., appointment, 108, 942, 1451
 King, G. J., appointment, 1499
 King, H. M., degree, 1393
 King, J. G., degree, 420
 King, J. M., degree, 818
 King, L. C., degree, 407
 King, L. S., appointment, 360, 1188
 King, Mabel N., appointment, 1169
 King, Mrs. Mary J., appointment, 1118
 King, R. B., appointment, 160, 994, 1314
 King, R. C., degree, 801
 King, R. E., appointment, 272, 1108
 King, R. H., degree, 1395
 King, Sue, appointment, 328, 1170
 King, T. M., degree, 1545
 King, T. T., degree, 821
 King, W. R., degree, 818
 Kingry, Mrs. Doris L., appointment, 260
 Kingry, E. L., degree, 822
 Kingsbury, C. H., fellowship, 775
 declination, 778
 Kingsley, H., degree, 422
 Kingston, D. H., member of advisory committee, 365
 Kingston, J. F., appointment, 395, 907
 degree, 409
 Kingston, Mary L., certificate, 842
 Kiningham, E. E., degree, 1552
 Kiningham, G. W., appointment, 259, 1095
 Kink, J. T., appointment, 1102
 Kinkel, Marie, appointment, 12
 Kinley, Kate Neal, memorial fellowship, award, 46, 876
 Kinley Hall, *See* David Kinley Hall.
 Kinne, W. S., Jr., appointment, 153, 689, 988, 1445
 Kinney, E. J., appointment, 358
 Kinney, J. R., degree, 783
 Kinney, Janet R., appointment, 354, 1182
 Kinney, R. B., degree, 418
 Kinsella, Margaret E., degree, 785
 Kinsey, C. J., degree, 821
 Kint, Avis D., appointment, 310, 1147
 Kintner, P. M., appointment, 127, 445
 degree, 782
 Kinzer, J. E., degree, 791
 Kipling, Mrs. Charlotte M., appointment, 288
 Kipnis, G. P., appointment, 1184
 Kipnis, Marilyn B., degree, 811
 Kipnis, Mrs. Miriam, appointment, 1155
 Kippur, P. R., fellowship, 1231, 1500
 Kirby, Carol A., degree, 1559
 Kirby, Doris I., appointment, 1138
 Kirby, E. E., appointment, 278, 1114
 Kirby, J. V., degree, 412
 Kirby, Mrs. Jean, appointment, 1092
 Kirby, R. J., degree, 422
 Kirby, W. J., appointment, 354, 1182
 Kirch, E. R., appointment, 44, 221, 1057, 1314
 Kircher, Barbara J. A., degree, 820
 Kirchheimer, S., degree, 810
 Kirchhofer, D. W., degree, 1242
 Kirchman, Nora, degree, 826
 Kirk, Mrs. Barbara A., appointment, 291
 Kirk, Colleen J., appointment, 148, 149, 156, 981, 984, 991
 Kirk, Mrs. Elizabeth D., appointment, 1101
 Kirk, Ellen A., degree, 1573
 Kirk, H., appointment, 1186
 Kirk, Mary T., appointment, 324
 Kirk, R. E., degree, 1252
 Kirk, S., appointment, 185
 degree, 415
 resignation, 573
 Kirk, S. A., appointment, 144, 692, 980, 1447
 resignation, 1233
 Kirkland, W. W., Jr., appointment, 1184, 1226
 Kirkpatrick, Mrs. Alice C., appointment, 139, 690, 975
 Kirkpatrick, Doris A., appointment, 268, 1104
 Kirkpatrick, E. P., degree, 1247
 Kirkwood, B. D., appointment, 1226, 1477
 Kirsch, D., degree, 594
 Kirschbaum, A., appointment, 650, 674, 1037
 Kirstein, Laurette A., appointment, 242, 1081
 Kirts, A. L., fellowship, 731
 declination, 778
 Kiser, D. O., fellowship, 1482
 declination, 1487
 Kish, A., Jr., degree, 826
 Kishaba, F. T., degree, 595
 Kishi, Dorothy Y., appointment, 312, 317, 1150
 Kisinger, E. D., appointment, 156, 157, 689, 697, 991, 992, 1445, 1452
 Kissel, E., degree, 824, 1574
 resignation, 404
 Kisselgoff, A., appointment, 142
 resignation, 1279
 Kissling, A. C., appointment, 358
 Kitchen equipment, contract, Research and Educational Hospitals Addition, addition, 707
 change, 640
 residence hall in Chicago, 650, 1312
 Home Economics, purchase, 711
 Kitsuse, N. Y., appointment, 222
 resignation, 778
 Kittel, E., appointment, 315, 1153
 Kitts, K. D., degree, 796
 Kitzmiller, J. B., appointment, 87, 509, 921, 1456
 leave of absence, 1408
 Kivalo, I., appointment, 1379
 Kivi, Elsie K., degree, 793
 Kivnick, A., appointment, 477, 957
 Kiwanis Club of Champaign-Urbana, gift, 548
 Kizer, R. W., degree, 588
 Kjellberg, R. N., fellowship, 401, 1382
 Kjellstrom, T. E., degree, 1567
 Kjelskus, P. K., appointment, 264, 1101
 Klabacha, Mrs. Audrey M., appointment, 310, 1147

- Klaersch, Marjorie E., degree, 806
 Klage, E. H., appointment, 1113
 Klahr, Helen C., appointment, 1165
 Klamer, O. A., degree, 808
 Klapperich, A. J., appointment, 247, 1086
 Klare, G. R., appointment, 1350
 Klarich, Pauline, appointment, 1170
 Klass, D. L., degree, 809
 Klassen, C. W., appointment, 361, 1191
 Klassen, Helen, appointment, 310, 1147
 Klassen, O. D., fellowship, 1231
 resignation, 1279
 Klassen, P. P., appointment, 244, 703, 1083,
 1458
 Klatt, W. R., degree, 819
 Klauermann, Doris C., appointment, 872, 1042
 declination, 1233
 Klausmeyer, Mrs. Doris, appointment, 1118
 Klautsch, R. E., degree, 802
 Klauzek, R. E., degree, 1398
 Klavan, B., appointment, 216, 1053
 Klawans, A. H., appointment, 356, 1185
 Klay, J. J., degree, 1567
 Klebe, Mrs. Arlie A., appointment, 1112
 Kleboe, J. E., degree, 588
 Kleckner, W. C., degree, 1576
 Klein, Betty L., degree, 1543
 Klein, Cecily A., degree, 422
 Klein, D. E., degree, 1566
 Klein, D. M., degree, 420
 Klein, G., degree, 1249
 Klein, M. Jane, appointment, 64, 897
 Klein, Ruth E., appointment, 255, 1092
 Klein, S., appointment, 355, 1184
 Klein, W. A., degree, 597
 Klein, W. F., degree, 597
 Kleinebrahn, P. H., degree, 1563
 Kleiner, G., appointment, 141, 976, 1447
 Kleinerman, D., certificate, 41
 Kleinman, B., certificate, 1329
 Kleinschmidt, E. E., resignation, 404
 Kleinschmidt, W. H., appointment, 774, 1184
 Kleinsmith, Ruth A., degree, 812
 Kleis, R. W., appointment, 1226
 Klemm, J. W., degree, 1393
 Klensch, R. J., degree, 1248
 Klette, Ina R. M., degree, 784
 Klette, K. L., degree, 795
 Klettka, Violet, appointment, 314, 1152
 Klevans, Sylvia, appointment, 309, 1145
 Kley, M. W., appointment, 674
 Klibansky, M., certificate, 1178
 Kliever, Mary, degree, 415
 Kligerman, C., appointment, 1350
 Klimek, A. F., degree, 597
 Klimek, E. J., degree, 589
 Kline, T. G., degree, 1244
 Kling, C. E., appointment, 282, 1118
 Kling, J. W., degree, 1283
 Klingbiel, Donna R., degree, 796
 Klingel, A. B., appointment, 160, 995, 1497
 Klingele, J. J., degree, 1400
 Klingele, K. H., degree, 822
 Klinger, A. D., degree, 1572
 Klinger, M., degree, 587
 Klink, W. R., degree, 1394
 Klitenick, E. F., degree, 824, 1573
 Klitzing, M. R., degree, 1286
 Klitzing, V. C., appointment, 258, 1094
 Klockner, Mrs. Neva B., appointment, 268,
 1104
 Klose, Mrs. Mary M., appointment, 1175
 Kloske, L. A., certificate, 41
 Kloss, Frances, degree, 412
 Kluczynski, Cecelia P., degree, 420
 Klussendorf, J. R., degree, 1567
 Knak, W. S., degree, 452
 Knable, Mrs. Dawn C., appointment, 324
 Knable, N., appointment, 1314, 1350
 Knapp, J. E., degree, 579
 fellowship, 678
 Knapp, Betty D., degree, 784
 Knapp, C. G., appointment, 145, 149, 980,
 1448
 Knapp, Leona M. P., degree, 1536
 Knapp, M. J., degree, 823
 Knapp, R. R., degree, 595
 Knapper, A. F., appointment, 477, 975
 Knauf, R. C., appointment, 176, 1012
 termination, 1279
 Knauss, R. G., degree, 1552
 Kneading and mixing machine, Animal Sci-
 ence, purchase, 669
 Knebel, A. H., degree, 1396
 Knecht, D. J., degree, 1248
 Kneier, C. M., appointment, 82, 915
 Kneip, T. J., degree, 1388
 Knepper, N., appointment, 1452
 Knetsch, Geraldine L., degree, 820
 Knetsch, K. L., degree, 797
 Kniering, R. F., appointment, 205, 509, 644
 resignation, 778
 Knight, A. A., appointment, 353, 1181
 Knight, A. R., appointment, 126, 693, 960,
 1448
 Knight, Guyrena J., degree, 1237
 Knight, J. F., appointment, 305, 1142
 member of committee to hear charges against
 P. J. May, 605
 Knight, Katherine G., resignation, 404
 Knight, Mary J., degree, 814
 Knight, R. L., degree, 801
 Knight, V. A., degree, 813
 Knights, Helen I., appointment, 288, 1125
 Knipper, Mrs. Ann, appointment, 316, 1154
 Knoblock, P. T., degree, 584
 Knock, Frances E., appointment, 445
 Knodell, J. D., Jr., appointment, 140, 445
 certificate, 842
 resignation, 573
 Knodell, W. L., degree, 422
 Knoebel, H. W., appointment, 1226, 1477
 Knoedler, M., & Co., Inc., purchase, 1466
 Knoll, F. T., Jr., degree, 1237
 Knoop, Mrs. Mildred, appointment, 1132
 Knop, I., appointment, 305, 1141
 Knospe, W. H., degree, 806
 Knott, J. E., degree, 1558
 Knott, Marijo, appointment, 1113
 Knowles, Elizabeth P., appointment, 183, 1018
 Knowles, L. A., certificate, 1329
 Knowles, L. E., degree, 821
 Knox, E. G., appointment, 395
 resignation, 778
 Knudsen, Catherine, appointment, 317
 Knudson, C. A., appointment, 77, 509, 694,
 910
 Knudson, E. C., appointment, 248, 701, 1086
 Knudson, G. L., degree, 804
 Knudson, H. D., degree, 1564
 Knudson, Mrs. Mildred L., appointment, 303
 Knudtson, K. F., appointment, 1527
 Knuerr, W. V., Jr., degree, 1239
 Knuppel, B. B., degree, 798, 1568
 Knuppel, Mrs. Julia D., appointment, 1273,
 1449
 Knuppel, Ruth, appointment, 319
 Knuti, L. L., appointment, 144, 148, 150
 resignation, 404
 Knutson, Ruth E., appointment, 170, 1308
 Kobak, A. J., appointment, 356, 1185, 1314
 Kobernus, A. D., degree, 585
 Kobernus, Mrs. Joann, appointment, 304
 Kobes, H. R., appointment, 235, 360, 1045,
 1073
 authority to sign name of President of
 Board, 602, 1404
 Kobialka, A. H., degree, 815
 Kobosky, E., degree, 588
 Kobrin, H., fellowship, 401, 448, 1278
 Koc, Lavergne, appointment, 319, 1141
 Kocal, L. F., degree, 806
 Kocan, P., certificate, 1178
 Koch, D. F., Jr., degree, 1536

- Koch, Faith C., appointment, 445, 1042
 Koch, G. P., degree, 588
 Koch, J. A., appointment, 303, 1139
 Koch, Mrs. Marjorie, appointment, 1155
 Koch, P. W., degree, 801
 Koch, R. F., Jr., degree, 1555
 Koch, R. H., degree, 412
 Kochnuk, Irene M., degree, 1555
 Koccolowski, W., degree, 804
 Koe, Nancy C., degree, 1567
 Koe, R. E., certificate, 1329
 Koehler, B., appointment, 98, 932
 Koehler, D. J., degree, 1549
 Koehler, E. F., degree, 1565
 Koehler, J. S., appointment, 132, 967
 Koehnen, H. E., degree, 595
 degree, 1388
 Koeller, Mrs. Harriette L., appointment, 259,
 1095
 Koeller, R. C., degree, 410
 fellowship, 678
 Koenig, Doloris M., appointment, 328, 1169
 Koenig, F. J., appointment, 70, 903
 Koenig, H. E., appointment, 127, 961, 1379,
 1423
 Koenig, H. L., degree, 801
 Koenig, Mrs. Norma E., appointment, 1423
 Koepke, B. F., degree, 422
 Koepf-Baker, H., appointment, 44, 207, 235,
 1043, 1073
 Koeppe, Mrs. JoAnn, appointment, 1097
 Koeppe, O. J., degree, 580
 Koeppe, R. E., appointment, 395
 degree, 450
 Koerber, Mrs. Renec, appointment, 260
 Koerber, W. B., degree, 423
 Koerner, Marion, appointment, 311, 1149
 Koester, L. J., Jr., appointment, 674, 968
 Koffee, S. J., certificate, 1329
 Kofoed, Jeanne D., degree, 577
 Kofoed, Mrs. Martha, appointment, 205, 1040
 Koger, Mrs. Alice D., appointment, 285, 1121
 Koglin, N. A., degree, 818
 Kohan, M. I., degree, 450
 Kohl, Joan, appointment, 1142
 Kohlbecker, Mrs. Billie L., appointment, 1122
 Kohlbecker, E. E., degree, 1397
 Kohlenberg, G. C., degree, 576
 Kohler, O. M., Jr., degree, 1239
 Kohlhausen, Edith B., degree, 1395
 Kohlhase, M. E., certificate, 1357
 Kohlman, L. C., Inc., contract, addition, 473
 Kohlsdorf, M. F., Jr., degree, 423
 Kohn, E. J., certificate, 488
 Kohn, P., appointment, 395, 1038
 degree, 450
 resignation, 404
 Kohn, Shirley L., degree, 415
 Koijane, E. V., degree, 597
 Koken, J. C., appointment, 445, 914
 Kokes, W. J., degree, 815
 Kokontis, W., degree, 584
 Kokum, J. S., degree, 1394
 Kolar, G. F., appointment, 65, 898
 Kolar, J. A., degree, 1247
 Kolb, Helen, appointment, 328, 1169
 Kolb, P., appointment, 77, 694, 910
 leave of absence, 604
 Kolf, R. J., certificate, 1507
 Kolinger, W. A., degree, 588
 Kolitsch, Catherine, appointment, 319, 1158
 Kolker, S., degree, 423
 Kolodziej, G. C., degree, 588
 Kolstedt, Dolores, appointment, 1164
 Kolstoe, O. P., appointment, 1448, 1477
 Koltveit, A. J., degree, 1550
 Komon, Mrs. Anna, appointment, 1164
 Kompare, Shirley M., degree, 828
 Koncza, L., degree, 1565
 Kondzella, F. J. S., degree, 1249
 Konecko, Stella, appointment, 9
 Konecny, A. R., appointment, 130, 964
 resignation, 1279
 Konecny, Mrs. Irma H., appointment, 268
 Konzo, S., appointment, 129, 963
 Koontz, C. H., appointment, 1226
 Koontz, H. D., degree, 797
 Kooperman, E. B., degree, 1251
 Koopman, C., appointment, 306
 Koopman, H. J., degree, 817
 Kootz, S. M., gift, 1471
 Kootz, S. M., Gallery, purchase, 711
 Kopala, Frances A., appointment, 314, 1151
 Kopecky, R. A., degree, 799
 Kopel, D., appointment, 692
 Kopel, Rachel, resignation, 404
 Kopp, M. A., degree, 595
 Kopp, R. H., degree, 412
 Koptik, R. C., degree, 828
 Korach, A., degree, 1558
 Koranda, F. L., appointment, 238, 243, 1077,
 1082
 Korb, Clare K., appointment, 304, 1140
 Korber, W. J., degree, 815
 Korenic, E. W., degree, 818
 Korer, Mrs. Jeanine, appointment, 1165
 Koritz, Jo Anne, degree, 800
 Koritz, L. A., member of advisory committee,
 1195
 Koritz, L. T., degree, 824, 1574
 Korkowski, D. J., degree, 584
 Kornacker, F. J., appointment, 1379
 Kornblith, Lois S., degree, 592
 Kornegger, Mildred A., degree, 1550
 Kornfeld, E. L., degree, 1248
 Korsgard, R. A., degree, 594
 Korst, H. H., appointment, 129, 696, 872, 964,
 1226, 1452
 Korte, D. A., degree, 804
 Kortkamp, E. W., appointment, 300, 1136
 Kosanovich, G. L., degree, 1398
 Kosatka, R. F., degree, 1392
 Koshansky, Olga, degree, 1537
 Kosinski, I. G., degree, 1394
 Kosirog, Mrs. Clara, appointment, 333, 1175
 Kosirog, L., appointment, 315, 1152
 Koske, Mrs. Margaret, appointment, 316, 1154
 Kosky, M. R., certificate, 842
 Kosmala, R. L., degree, 1558
 Kosowski, A., appointment, 268, 1104
 Koss, Eleanor L., degree, 1237
 Kossuth, Irene C., appointment, 1170
 Kost, Cassie E., appointment, 9, 1307
 Kostalek, Mary E., appointment, 395, 1189,
 1226
 Kostecke, S. T., degree, 801
 Kostelny, Ana, degree, 1547
 Koster, M. T., degree, 809
 Koster, P. S., degree, 1566
 Koster, R. W., degree, 585
 Kostial, Betty A., degree, 590
 Kostka, Dolores B., degree, 1287, 1544
 Kostka, Helen M., appointment, 239, 1079,
 1274
 Kostoff, Mrs. Marjorie A., appointment, 280
 Kostoff, P. C., degree, 804
 Kostrubala, J. G., appointment, 364, 1192,
 1379
 Koteff, W., degree, 1397
 Kotlarz, R. S., degree, 1287
 Koucky, C. J., fellowship, 1529
 Koucky, F. L., appointment, 1274
 Koucky, J. D., appointment, 363, 1191
 Koucky, R. W., degree, 810, 1396
 Koumas, P. G., degree, 813
 Koumoungis, Mrs. Margaret, appointment,
 324, 1162
 Koval, J. P., degree, 1547
 Kovaly, J. J., appointment, 872, 1226, 1477
 Kovarik, Joanne L., appointment, 317
 Kovec, Eleanor V., degree, 406
 Koven, S. A., degree, 1399
 Kowalik, E. C., degree, 806
 Kowalski, J. W., degree, 585
 Kowalski, L. F., appointment, 774, 1193 ..

- Kowalski, S. J., Jr., degree, 1249
 Kozacka, J. S., appointment, 247, 1086
 Kozakiewicz, A. E., Jr., degree, 1400
 Kozel, Barbara J., degree, 1555
 Kozeliski, Mrs. Barbara A., appointment, 284
 Kozeliski, R. E., degree, 597
 Kozeny, O., Jr., degree, 804
 Kozlowski, Leokadya J., degree, 810
 Kozol, J. F., certificate, 842
 Kraabel, Virginia M., degree, 1563
 Kraehenbuehl, J. O., appointment, 126, 693, 960, 1448
 Kraemer, H. F., degree, 1539
 fellowship, 775, 1481
 Kraft, D. E., degree, 1551
 Kraft, H. D., degree, 801
 Krahula, J. L., degree, 1535
 Kraitman, E. A., degree, 789
 fellowship, 678, 1481, 1500
 declination, 1502
 Kraines, S., appointment, 361
 Krako, R. H., certificate, 489
 Krakower, C. A., appointment, 208, 229, 1044, 1068
 Krakowski, M., degree, 415
 Krall, R. E., degree, 591
 Kramer, C., degree, 415
 Kramer, D. B., degree, 590
 Kramer, D. F., degree, 1239
 Kramer, E., degree, 1563
 Kramer, E. N., degree, 591
 Kramer, G. T., degree, 1563
 Kramer, Gertrude A., degree, 788
 Kramer, Gloria N., degree, 800
 Kramer, I. F., certificate, 535, 1330
 withheld, 664
 Kramer, M. A., degree, 422
 Kramer, Marjorie, degree, 592
 Kramer, R. H., degree, 1576
 Krametbauer, Ann M. H., degree, 828
 Kramp, E. H. A., appointment, 216
 Kramer, Mildred K., degree, 1443
 Krans, D. H., appointment, 129, 696, 963, 1452
 Krantz, L. E., Jr., degree, 1561
 Krasno, L., appointment, 352, 1180
 Krasnow, S. E., appointment, 446, 1184
 Krathwohl, D. R., appointment, 151, 986
 Kratina, Anne B., degree, 592
 Kratochvil, Mrs. Sophie, appointment, 319, 1158
 Kratovil, Lorraine J., degree, 812
 Kratz, A. P., appointment, 128, 963
 Kratz, Mrs. Muriel B., appointment, 266
 Kratz, P. W., Jr., degree, 791
 Kraul, R. H., degree, 1248
 Krause, C. D., appointment, 206, 1041
 Krause, C. F., degree, 418
 Krause, K. A., degree, 1565
 Krause, R. M., degree, 1398
 Krause, W. P., degree, 808
 Krausz, N. G. P., appointment, 96, 178, 929, 1013
 leave of absence, 479
 Kraut, N., degree, 796
 Krautz, Agnes, appointment, 322
 Kravets, L., degree, 816
 Kraybill, Carolyn J., degree, 820
 Krebiozen, research and clinical studies under direction of Dr. A. C. Ivy, discussion, 1311
 Krebs, A. H., appointment, 395, 477, 979, 984
 Krebs, Margaret E., appointment, 224
 resignation, 448
 Krebs, W. H., appointment, 192
 Kreeger, M. H., member of advisory committee, 563
 Kreger, W. E., degree, 1386
 Kreibiel, R. H., appointment, 201, 1037
 Kreid, L. F., Jr., degree, 1398
 Kreismanis, Margrieta O., degree, 1546
 Krejca, F., appointment, 359, 1188
 Krejci, E. J., appointment, 216, 1052
 Krell, A., Jr., degree, 594
 Krell, Mrs. Joyce, appointment, 262
 Krelle, W. W., degree, 1249
 Kremen, Dorothy E., degree, 793
 Kremen, S., degree, 1572
 fellowship, 1231
 Krenn, Irene L., degree, 454
 Kresge, A. J., appointment, 690
 fellowship, 1481
 Kresge, Mrs. Mary T., appointment, 1111
 Kret, R. J., degree, 420
 Kretchmer, H. E., appointment, 364, 1193
 Kretschmer, H. L., appointment, 364, 1192
 Kretschmer, V. L., appointment, 190, 1025
 Kreutz, R. L., degree, 423
 Kreuz, Loretta B., degree, 1244
 Kreydich, J., degree, 804
 Krez, C. A., degree, 797
 Krichevsky, P., degree, 1558
 Kriegman, O. M., degree, 813, 1538
 Krigbaum, T. H., degree, 424
 Kriksciunaite, Aldona-Anastazja, degree, 812, 1536
 Krimen, L. I., degree, 1540
 Kristufek, C. J., appointment, 872, 1088, 1458
 degree, 795
 Kritz, W. R., degree, 1396
 Kritzer, A., certificate, 488
 Krivanek, J. O., degree, 584
 Krizan, T. F., appointment, 160, 995
 Kroeger, A. V., degree, 1569
 Kroger Co., gift, 547, 1210
 Krogh, H. O., degree, 1547
 Krogh, Mrs. Margaret R., appointment, 1092
 Krogstad, G. M., certificate, 842
 Krohngold, R., degree, 594
 Krolick, E. J., appointment, 1227
 Kroll, G., degree, 824, 1574
 Kromhout, Ora M., degree, 795
 Kromhout, R. A., appointment, 1379
 Kromrey, J. M., appointment, 249, 703, 1088
 declination, 778, 1233
 Krone, H. V., degree, 1552
 Krone, L. H., Jr., fellowship, 1480
 declination, 1487
 Kronenberg, N. W., degree, 826
 Kroner, Frieda L., appointment, 256
 Kronfeld, P. C., appointment, 206, 1042
 Krotoszynski, B., appointment, 1350
 Kroupa, A. J., degree, 798
 Krouse, F. M., appointment, 1449
 Krouse, Ruth T., appointment, 82
 leave of absence, 684
 Krout, Johanna, appointment, 488
 resignation, 1233
 Krstansky, J. J., degree, 1394
 Krueger, D. A., certificate, 1329
 Krueger, Mrs. Marjorie P., appointment, 301
 Krueger, O. A., degree, 801
 Krueger, R. H., degree, 1558
 Krueger, T. C., degree, 422
 Kruger, F. W., appointment, 289
 Kruger, Lois M., degree, 820
 Kruger, P. G., appointment, 131, 509, 872, 966, 1274
 leave of absence, 1408
 Kruger, W. S., degree, 812
 Kruggel, Audrey, appointment, 1160
 Kruidenier, F. J., appointment, 87, 509, 701, 921
 Krulfeld, M., degree, 1281
 Krull, R. E., degree, 1549
 Krumdieck, G. W., degree, 818
 Krumeich, J. K., degree, 407
 Krumhaar, G. W., certificate, 842
 Krumm, A., degree, 1561
 Krumsiek, Helen E., appointment, 264
 Krumsiek, W. W., appointment, 175
 Krupnick, M., degree, 419
 Krupp, L. J., certificate, 41
 Krupski, J. A., degree, 1561

- Kruse, H. W., appointment, 281, 1117
 Kruse, Mrs. Mary E., appointment, 259, 1095
 Kruse, P., appointment, 1527
 Kruse, W. E., appointment, 279, 1115
 Kruza, C. M., degree, 1395
 Krysl, R. L., certificate, 1329
 Kryszak, B. J., degree, 1576
 Krzywoblocki, M. Z., appointment, 122, 956
 leave of absence, 1408
 cancellation, 1507
 Kubacki, W. H., appointment, 215, 217, 509,
 1051, 1053, 1054
 Kubajak, T. J., degree, 788
 Kubaszewski, Virginia, appointment, 328
 Kubitz, F. T., degree, 1565
 Kubitz, Gerda T., degree, 415
 Kubitz, O. A., appointment, 70, 81, 903, 914
 Kubly, H. O., appointment, 86, 919
 leave of absence, 733
 Kucera, L. F., degree, 1251
 Kucera, W., appointment, 359
 Kucyk, Stephanie, appointment, 1152
 Kuczynski, R. E., degree, 1547
 Kudla, Mrs. Bernice G., appointment, 1142
 Kudlo, B. T., certificate, 41
 Kudo, G. S., degree, 1284
 Kudo, R. R., appointment, 87, 701, 921
 leave of absence, 604
 Kudolla, C., appointment, 359
 Kuebler, J. R., Jr., degree, 1281
 Kuecks, R. W., degree, 828
 Kuehn, H. H., degree, 1539
 Kuehn, Marilyn L., degree, 1399
 Kuehn, Phyllis, appointment, 321
 Kuehne, R. W., degree, 1558
 Kuffner, P. K., degree, 1245
 Kugler, O. E., appointment, 74, 87, 907, 921,
 1450
 Kuhlman, Clara A., appointment, 1350
 Kuhlmann, E. W., Jr., degree, 587
 Kuhlmann, Mrs. Frances M., appointment, 284
 Kuhn, Bertha E., degree, 407
 Kuhn, E. A., degree, 815
 Kuhn, J. O., Jr., member of advisory commit-
 tee, 1194
 Kuhn, Muriel, degree, 1397
 Kuhn, Mrs. Roberta M., appointment, 295
 Kuhn, W., appointment, 149, 156, 175, 697,
 980, 984, 991, 1452
 Kuhne-Simmons Co., bid., 638
 contract, 638
 Kuhns, Helen F., appointment, 185
 resignation, 404
 Kuhns, P. W., degree, 1394
 Kuhns, R. F., certificate, 1330
 Kuizin, Anna B., degree, 796
 Kukral, J. J., appointment, 1379
 degree, 826
 Kukura, C. J., degree, 1552
 Kulhanek, L. J., resignation, 46
 Kulla, Revis, appointment, 308
 Kulp, D. A., appointment, 107, 114, 395
 resignation, 573
 Kult, M. L., degree, 1248, 1542
 Kumarich, D., degree, 1558
 Kummel, B., appointment, 78, 911
 resignation, 1530
 Kummer, Mrs. Jane M., appointment, 256
 Kummerow, F. A., appointment, 351, 395, 940
 research, gift, 550
 Kumpf, R. O., degree, 1561
 Kunka, G. A., degree, 823
 Kunstman, R. W., degree, 1533
 Kuntz, F. B., degree, 1546
 Kunz, Marie, appointment, 327, 1168
 Kuper, A. B., degree, 1545
 Kuperman, I., degree, 1572
 fellowship, 1231
 Kupfer, T. M., certificate, 41
 Kupferberg, C. W., degree, 417
 Kupferberg, Mrs. Lois G., appointment, 260
 Kupperman, Lach E., degree, 590
 Kupski, R. B., degree, 1237
 Kurfman, V. B., degree, 811
 Kurka, D. J., degree, 1565
 Kurose, Chiye, degree, 1398
 Kurrus, Suzanne, degree, 1565
 Kurth, B. G., degree, 1395
 Kurto, G., Jr., degree, 1246
 Kurtz, Mrs. Bernice E., appointment, 1122
 Kurtz, E. A., degree, 1541
 Kurtz, L. T., appointment, 99, 932
 Kurtz, T. B., appointment, 7, 395, 1053
 Kurtzrock, Mrs. Carolyn L., appointment, 291,
 292
 Kurtzrock, G. H., degree, 787
 Kurz, F. W., Jr., degree, 818
 Kurzeja, L., appointment, 316, 1153
 Kusch, Monica H., appointment, 244, 1083,
 1458
 Kuschmann, Barbara J., degree, 1563
 Kussy, S. R., degree, 597
 Kustner, Elizabeth A., degree, 800
 Kutarnia, R. P., degree, 1545
 Kutch, S. R., degree, 799
 Kutter, E. U., degree, 1401
 Kuttbauer Manufacturing Co., purchase, 560
 Kutuzov, Mrs. Helen G., appointment, 313,
 1151
 Kuykendall, Helen H., degree, 421
 Kuypers, J. M., appointment, 155, 990
 leave of absence, 336
 resignation, 503
 Kuzma, A., appointment, 308, 1145
 Kvitek, G. L., degree, 794
 Kwan, F. P., degree, 420
 Kwapiszewski, H., appointment, 359
 Kwasnik, F. F., degree, 801
 Kwin, Marilyn C., degree, 1564
 Kyes, R. H., degree, 1397
 Kyle, R. H., appointment, 446
 degree, 1573
 Kyler, B. R., degree, 412
 Kyonka, J. C., appointment, 123, 674, 957,
 1477
 Kyoto Seminar, committee to develop program
 and supervise project, 1419
 grant from Rockefeller Foundation, 1419
 Kyparissiotis, Niove E., fellowship, 680
 Kypka, L. S., appointment, 1274, 1477
 LaBaw, N. L., degree, 1245
 Labbé, P., appointment, 1379
 Laboc, J. F., degree, 1387
 Laboc, Mrs. Ruth F., appointment, 1131
 Labor and Industrial Relations, Institute of,
 acting director, appointment, 856
 advisory committee, 1195
 appropriations, balances reappropriated, 1197
 budget, 178, 293, 1014, 1130
 director, appointment, 1525
 fellows, 1484
 gift, funds for survey, 1213
 labor education programs, funds, 1469
 revolving account, 1015
 Laboratory, Research and Educational Hos-
 pitals, budget, 227, 318, 1065, 1156
 equipment, appropriation, 435
 spectrophotometer, purchase, 30
 Laboratory apparatus, purchase, Bacteriology,
 341
 General Chemical Stores, 852, 1520
 Laboratory coats, Chicago General Stores,
 purchase, 375
 Laboratory furniture, East Dentistry-Medicine-
 Pharmacy Building, contract, 1414
 Physical Plant, purchase, 853, 1520
 Laboratory Furniture Co., Inc., contract,
 change, 529
 purchase, 375
 Laboratory glassware, purchase, 526, 711, 767,
 838, 1206, 1520
 Laboratory, library, and supply fee, students
 taking short courses in agriculture, 1220

Labor organizations, letters, merit increases for nonacademic staff, 1332
 status of former employee at Chicago Undergraduate Division, 1332
 Labor statistics consumer's price index study, contract, 378
 change, 1208
 Labow, J. A., degree, 831
 fellowship, 448
 Lab-Tronics Inc., purchase, 670
 LaChapelle, E. A., degree, 587
 Lacky, A. D., appointment, 150, 985
 leave of absence, 406
 Ladewig, W. F., degree, 1395
 Ladley, Kathleen C., degree, 1555
 Ladley, R. S., degree, 1553
 LaFemina, R. J., degree, 1395
 Lafenhagen, L. L., appointment, 1102
 Lager, Joanne, degree, 814
 Lago, J. M., degree, 1397
 Lagopoulos, Efsthia A., diploma, 1575
 Lagowski, H. W., degree, 424
 Lagowski, J. J., degree, 1557
 Lahey, A. J., degree, 1249
 Lahey, Eleanor J., degree, 412
 Lahey, Mrs. Margaret M., appointment, 312, 1150
 Lahman, R. D., degree, 798
 Lain, Mrs. Doris K., appointment, 257, 1094
 Laine, V. E., certificate, 489
 Laing, A. K., appointment, 153, 988
 Lair, J. E., degree, 1399
 Lair, Mrs. Mildred M., appointment, 276, 1112
 Laird, Mrs. Ann L., appointment, 7, 223, 226, 228, 1060, 1064, 1066, 1067
 Laisure, Corliss U., degree, 1551
 Laitala, E., appointment, 44, 129, 696, 963
 resignation, 1487
 Laitinen, H. A., appointment, 72, 690, 905
 Lake, T. D., degree, 587
 Lakefield Nepheline Syenite, gift, 549, 1468
 Lakeland Foundation, gift, 553, 1216, 1472
 Lake States Engineering Corp., purchase, 376
 LaKonski, Mrs. Lucille I., appointment, 285
 La Konski, R. M., degree, 591
 Lakowski, Rosemary, degree, 1558
 Lalla, Janet B., degree, 1395
 Lally, T. D., certificate, 1329
 Lalopoulos, C. G., degree, 784, 1547
 LaMandin, Virginia R., degree, 577
 Lamb, L. B., degree, 1567
 Lamb, Mrs. Mary K., appointment, 1123
 Lamb, R., degree, 424
 Lamb, Virginia, appointment, 329, 1171
 Lamb, W. R., degree, 1386
 Lambda Electronics Corp., purchase, 612
 Lambert, B. H., degree, 1395
 Lambert, C. N., appointment, 207, 1043
 gift, 556
 Lambert, Christina M., degree, 793
 Lambert, D. F., degree, 820
 Lambert, Irma, appointment, 1172
 Lambert, J. B., fellowship, 678
 declination, 683
 Lambert, J. H., appointment, 146
 Lambert, R. D., degree, 1563
 Lambert, R. M., degree, 1576
 Lambert, R. W., degree, 594
 Lambright, J. G., degree, 810
 Lambright, R. B., certificate, 527
 Lambs, Animal Science, purchase, 376, 1206
 Lamkin, Geraldine J. J., degree, 1250
 Lamkin, Mrs. Glenna H., appointment, 109, 774, 943
 Lamkin, Mrs. Mary S., appointment, 281, 1117
 Lamkin, W. R., degree, 1247
 Lamming, G. E., degree, 1282
 fellowship, 513
 Lamps, Physical Plant, purchase, 767

Lamson, Mary V., degree, 785
 Lancaster, F. L., appointment, 293, 1129
 degree, 412
 Lancaster, Mrs. Lella R., appointment, 1136
 Lancour, A. H., appointment, 167, 1003
 Land, acquisition, authority to negotiate for purchase, 1303
 release of funds, 338, 706
 annexation to city of Urbana, 465
 appropriations, balances reappropriated, 39
 Charles Street, property at 920 West, purchase, 3
 Chicago housing project site, clearance, 657
 relocation of alley, 656
 Cook County Experiment Station, sale, approved, 566
 recommendation of Committee on Agriculture, 565
 Fifth Street, property at 1006-8 South, acquisition, 539
 Goodwin Avenue, between Springfield Avenue and Green Street, sale, 1303
 property at 202 South, purchase, 348
 Green Street, property at 1103 West, purchase, 1325
 property at 1112 West, purchase, 348
 property at 1114 West, purchase, 348
 Haines Boulevard, property at 601, sale, 640
 Illinois Street, block between Mathews and Goodwin Avenue, acquisition, 1302
 property at 1108 West, purchase, 1325
 property at 1114 West, purchase, study, 1222
 Illinois Street and Goodwin Avenue, southwest corner, purchase, 348
 Indiana Avenue, property at 706 West, purchase, 836
 Life Sciences Building, site, 1302
 Marshfield Avenue, property at 821-23 and 825, wrecking, contract, 657
 Mathews Avenue, property at 708 South, name, 608
 purchase, 458
 McCullough Farm, house, sale, 661
 purchase, final payment, 349, 1340
 Medical Center Commission, conveyance, 542, 1265
 purchase, 1461
 Medical Center Steam Co., conveyance to, 443, 542
 easement to, 495, 656
 Olney Agricultural Experiment Farm, sale, approved, 565
 proposed, 496
 recommendation of Committee on Agriculture, 564
 Oregon Street, property at 1204 West, purchase, 459
 Pennsylvania Avenue, property at 201 West, purchase, 3
 property at 805 West, sale, 539
 Race Street, property at 1704 South, purchase, 3
 residence properties for staff housing, sale, procedure, 497
 Ridgeway Avenue, property at 508 South, sale, 1200
 Rolfe property, purchase, final payment, 349
 Small Homes Council housing research project, inclusion in Urbana Park District, 1419
 Springfield Avenue, property at 601 East, purchase, 349
 storm sewers on University property, easements, 666
 Sullivan property, purchase, annual payment, 349
 taxation, University properties exempt, letter from H. H. Harmon, 1270, 1331

Land, cont'd

Taylor Street, property at 1720, 1722-24, and 1825, purchase, 1461
 property at 1748-58, demolition, 1204
 Wright Street, property at 501 South, purchase, 540
 Landau, Charlotte, degree, 1547
 Lande, M. J., appointment, 395, 1056
 declination, 1279
 degree, 830
 fellowship, 401
 Landen, A. R., certificate, 1329
 Lander, H. B., appointment, 361, 1189
 Landers, Joan B., degree, 820
 Landers, L. K., degree, 412, 1283
 Landes, J. L., appointment, 151, 986
 resignation, 878
 Landgren, J. F., certificate, 842
 Landin, Mrs. Esther C., appointment, 261, 1098
 Landin, J., appointment, 44, 80, 914, 1451
 Landis, P. N., appointment, 75, 908, 1449
 director of Athletic Association, 604
 leave of absence, 1407
 Landreth, Mrs. Ailene M., appointment, 259, 1124
 Landreth, Mrs. Helen O., appointment, 273, 1110
 Landrey, E. E., Jr., degree, 596
 Landrum, H. D., degree, 1537
 Landsberg, Charlene P., degree, 1563
 Landscape Architecture, budget, 155, 286, 989, 1123
 Ryerson fellowships, gift, 33
 regulations, 762
 Landscaping, Animal Sciences Laboratory and Veterinary Medicine Building areas, contract, 1517
 areas of new construction, contract, 1203
 prevailing wage rates, schedule, 1204
 Student and Staff Apartments, contract, 608
 Landsman, Estelle, appointment, 310, 1148
 Landsman, J. L., degree, 828
 Lane, Ardelle, fellowship, 448, 1278, 1315, 1500
 Lane, E. R., degree, 1553
 Lane, F. C., appointment, 1445
 degree, 789
 Lane, Mrs. Helen, appointment, 322, 1164
 Lane, J. N., degree, 824, 1574
 Lane, Mrs. Jeannette, appointment, 321
 Lane, O., insurance, purchased, 716
 Lane, P. J., degree, 453
 Lane, Mrs. Patricia, appointment, 1159
 Lane, R. L., degree, 1558
 Lane, R. R., degree, 1555
 Lane, Mrs. Rosa B., appointment, 1099
 Lane, W. H., degree, 1505
 Lanfranki, J., degree, 824, 1574
 Lang, A. L., appointment, 99, 932
 Lang, J. M., appointment, 356, 1185
 Langan, Mary E., fellowship, 681, 1484
 Langan, R. E., degree, 580
 Langas, J., degree, 801
 Langdon, J. C., appointment, 395, 893
 Langdon, V. L., degree, 802
 Lange, A. E., certificate, 488
 Lange, Audrey L., degree, 800
 Lange, Audrey S., degree, 806
 Lange, D. F., appointment, 278, 1114
 Lange, G. R., degree, 1551
 Lange, Margie L., appointment, 276
 Lange, N. C., degree, 1553
 Lange, Mrs. Patricia J., appointment, 1093
 Lange, R. G., degree, 789
 Lange, T. C., degree, 1566
 Langebartel, D. L. A., degree, 420, 796
 Langebartel, R. G., appointment, 907, 914, 1445
 Langel, R. J., degree, 1396

Langemann, H., appointment, 1527
 Langer, M. F., degree, 806
 Langer, S. S., appointment, 1191
 Langford, Patricia A., degree, 800
 Langhaar, H. L., appointment, 133, 968
 Langham, D. G., degree, 585
 Langham, M. R., degree, 1549
 Langham, Shirley, degree, 1566
 Langlois, J. A., degree, 1567
 Langner, W. C., degree, 1561
 Langston, H. T., appointment, 1407
 Langton, Katherine M., degree, 1237
 Language and Literature Studies, printing, 469
 Lanier, L. H., appointment, 395, 916
 Lankenau, F. N., degree, 1549
 Lankford, H. J., degree, 423
 Lankton, H. F., degree, 818
 Lanni, F., appointment, 872, 971
 Lanphier, R. C., member of advisory committee, 36
 Lansford, E. M., Jr., appointment, 1227
 Lansford, W. M., appointment, 133, 701, 968, 1456
 Lansky, L. M., fellowship, 682
 declination, 683
 Lanuti, F. L., degree, 1572
 Lanzl, L. H., degree, 576
 Laos, I., degree, 1557
 LaPance, E. F., degree, 424
 Lapin, L., degree, 828
 La Pine, A. S., & Co., purchase, 30, 374, 439, 440, 500, 525, 526, 767, 838, 852, 1343, 1360, 1520
 LaPlante, Effie N., degree, 415
 LaPlante, H. E., degree, 826
 Lapp, Ada S., degree, 407
 Lappe, R. J., degree, 410
 Lappin, A. J., degree, 585
 LaPrise, W. E., degree, 814
 Lardner, E. D., degree, 824, 1574
 Lardner, J., appointment, 317, 1155
 Large, Dorothy, appointment, 311, 1148
 Large, I. F., Jr., degree, 1242
 Largen, R. J. R., degree, 421
 Largent, H. C., degree, 412
 LaRicola, V. G. R., appointment, 509
 Lariviere, Rose, appointment, 395, 702, 872, 1082
 degree, 452
 Larkin, T. J., Jr., degree, 1571
 Larkin, W. E., Jr., degree, 1561
 Larmoth, Jeanine L., degree, 1396
 Laroche, L. R., degree, 581
 LaRocque, Geraldine, appointment, 1274
 Larrabee, W. E., degree, 817
 Larrain, E. G., degree, 597
 Larrance, C. N., degree, 1549
 Larrowe, B. T., appointment, 530, 774
 degree, 792
 resignation, 878
 Larrowe, V. L., degree, 581
 Larsen, Ann E., degree, 812
 Larsen, H., appointment, 70, 75, 903, 907, 1459
 Larsen, H. A., degree, 1240
 fellowship, 513
 Larsen, Mrs. Helen K., appointment, 313, 1151
 Larsen, Marie E., degree, 1247
 Larsen, P., degree, 817
 Larsen, R. P., appointment, 60, 83, 644, 893, 917
 leave of absence, 879
 Larson, A. Q., Jr., fellowship, 1352
 Larson, Audrey J. L., degree, 819
 Larson, B. L., appointment, 774, 938
 Larson, B. O., appointment, 128, 963
 Larson, C. M., appointment, 238, 248, 509, 704, 1077, 1087, 1457, 1458
 Larson, E. J., degree, 817

- Larson, Eleanor F., appointment, 314, 1152
 Larson, F. E., degree, 1553
 Larson, G. L., degree, 592
 Larson, Harold Albert, degree, 801
 Larson, Harold Arthur, appointment, 1499
 declination, 1502
 degree, 1390
 Larson, Hattie C., appointment, 317, 1155
 Larson, J. W., Jr., degree, 424
 Larson, L., certificate, 842
 Larson, L. C., certificate, 1357
 Larson, L. W., degree, 828
 Larson, M. O. Co., purchase, 614
 Larson, Margaret P., degree, 1556
 Larson, Mrs. Mary E., appointment, 295
 Larson, R. F., appointment, 129, 963
 Larson, R. L., degree, 1401
 Larson, R. R., degree, 821
 Larson, R. W., degree, 1248
 Larson, W. J., Jr., degree, 1561
 LaRue, R. L., degree, 818
 Lary, B. G., degree, 831
 Lasakow, P., degree, 409
 LaSalle Hotel, quarters for Illini Center,
 lease, 764
 Lash, A. F., appointment, 356, 1185
 Lashbrook, A. M., appointment, 151, 985
 Lasher, R. W., degree, 1552
 Lashmet, H. T., Jr., degree, 1562
 Laska, J. J., appointment, 395, 985
 Laskin, D. M., appointment, 674, 1051, 1056,
 1423
 degree, 1569
 Lasko, J. A., degree, 821
 Laslo, G. M., degree, 818
 Laslo, Patricia T., degree, 819
 Lasner, J., appointment, 364
 Laspisa, R. J., degree, 828
 Lass, Mrs. Dorothy, appointment, 1103
 Lass, H., appointment, 81, 914, 1451
 resignation, 1502
 Lasseter, K. R., degree, 1562
 Lassiter, J. W., appointment, 1477
 Lasslo, A., appointment, 221
 degree, 1569
 fellowship, 683
 resignation, 878
 Lassman, J., degree, 810
 Last, J. H., appointment, 44
 Laszlo, L., degree, 1555
 Latakas, B., degree, 804
 Latham, A. L., degree, 597
 Latham, D. E., appointment, 60, 160
 Latham, O. F., appointment, 243
 Latham, R. A., Jr., degree, 1568
 Lathan, J. R., degree, 818
 Lathe, purchase, Mining and Metallurgical
 Engineering, 500
 Orthopaedic Surgery, 526
 Physics, 615, 851, 1465
 Lathrop, Mrs. Emily C., appointment, 276,
 1112
 Latimer, P. H., degree, 454
 Latta, P. R., appointment, 352, 395, 1180
 Lattyak, M. P., degree, 1565
 Laube, R. B., degree, 587
 Lauchner, R. C., degree, 1555
 Lauck, J. A., degree, 591
 Lauer, J. R., degree, 798, 1538
 Lauer, Mrs. Jane O., appointment, 1104
 Laughlin, J. S., appointment, 212, 1049
 Laughnan, J. R., appointment, 71, 509, 689,
 729, 904, 933
 Lauher, Twilla L., appointment, 276
 Laubhoff Grain Co., gift, 549
 Laumer, J. K., degree, 1400
 Laundry service, contract, 767
 Laundry tumblers, Physical Plant, purchase,
 377
 Laupa, A., degree, 1540
 Laurin, E. F., certificate, 1330
 Laut, E. P., Jr., degree, 593
 Laux, C. M., certificate, 42
 Lavatelli, L. S., appointment, 351, 395, 477,
 872, 967, 1274
 Lavender, Ann S., degree, 586
 Lavenhagen, Mrs. Eva, appointment, 263, 1099
 Lavieri, R. V., degree, 828
 Lavin, S. E., degree, 1572
 Law, A. I., degree, 591
 Law, College of, bachelor's degree, require-
 ments, change, 1510
 budget, 164, 288, 999, 1124
 summer session, 695, 1451
 central dictating system, appropriation, 1493
 curriculum, changes, 761
 degrees conferred, 417, 584, 796, 1247,
 1392, 1547
 Law Forum, printing, 1206
 scholarships, established, 1220
 referred to Committee on General Policy,
 843
 Law, Margaret S., degree, 791
 Law, Sybil, appointment, 328
 Lawder, H. L., appointment, 44, 65, 898,
 1379
 Lawler, H. B., appointment, 1092
 degree, 813
 Lawless, B. W., Jr., degree, 1547
 Lawless, L., degree, 797
 Lawrence, C., appointment, 975, 1446
 degree, 1532
 Lawrence, Dolores, appointment, 1159
 Lawrence, Mrs. Doris E., appointment, 289
 Lawrence, E. D., member of advisory com-
 mittee, 1194, 1195
 Lawrence, G. F., degree, 802
 Lawrence, H., certificate, 1338
 Lawrence, J. H., degree, 821
 Lawrence, Madonna, appointment, 1093
 Lawrence, Mrs. Marguerite B., appointment,
 295, 1131
 Lawrence, N. M., appointment, 81
 resignation, 448
 Lawrence, R. E., degree, 1395
 Lawrence, W. B., degree, 797
 Lawrence, W. J., degree, 597
 Laws, H. H., Jr., degree, 1553
 Laws, J. F., appointment, 364, 1192
 Lawson, G. D., degree, 419
 Lawson, L. J., Jr., appointment, 358
 leave of absence, 574
 Lawson, Mary F., appointment, 149, 161, 698,
 996
 Lawson, R. W., appointment, 1126, 1227
 Lawton, H. C., degree, 1556
 Lawton, S. E., appointment, 363, 1191
 Laycock, R. H., appointment, 334, 1176
 Layer, W. H., degree, 1555
 Layman, M. C., degree, 1563
 Layman, R., appointment, 298
 Layman, R. R., appointment, 272, 1108
 Layman, R. R., Jr., degree, 1558
 Laymon, R. S., appointment, 1100, 1135
 Layson, Doris J., appointment, 161
 Layton, F. R., degree, 412
 Laz, D. R., degree, 1400
 Lazar, A., degree, 1567
 Lazar, H., appointment, 446
 Lazar, I., appointment, 395, 692, 981, 1448
 LaZar, R. M., degree, 819
 Lazarus, D., appointment, 132, 872, 967, 1274
 Lazarus, Marley J., degree, 1560
 Lazenby, F. D., appointment, 73, 906
 Lazier, W. E., degree, 1567
 Lea, J. S., degree, 794
 Leach, J. L., appointment, 129, 964, 1274
 Leach, J. T., degree, 820
 Leader, R. A., degree, 1247
 Leader, S. A., appointment, 362, 1191
 Lead paste, Physical Plant, purchase, 1344

- Lead sheath materials, study, contract, change,
1417
- Leaf, B. B., certificate, 41
- Leahey, T. F., degree, 1551
- Leal, F. A., appointment, 1527
- Lear, Waneta, appointment, 11, 1308
- Learner, A., appointment, 360, 1188
- Leary, C. A., appointment, 358, 1186
- Lease, B., appointment, 238, 242, 702, 703,
1081
- Leases, Appleby, W., 1306
- Army, Corps of Engineers, 441
- Berry, Lyda M., 1209
- Central National Bank & Trust Co. of
Peoria, 1209
- Chicago, city of, 1475
- Collins & Lewis, 1209
- Graves, Mrs. E. E., 1464
- Hofbauer, D., 1361
- Illinois, State of, Building, 866
- Illinois State Trust Co., 33
- Katsinas, J., extension, request, 388, 1503
- termination recommended, 517
- LaSalle Hotel, 764
- Levin, Frances, 1209
- Nelson, Shirley P., 1208
- New York Central Railroad Co., 1209
- Pringle, J. T., 1208
- Seten, Mary H., 1306
- Summers, C. R., 1208
- Texas Illinois Natural Gas Pipeline Co.,
1464
- Urbana, city of, 1464
- Leasman, Pauline M., degree, 1242
- Leasman, R. E., degree, 1236
- Leathers, J. O., degree, 586
- Leaves of absence, nonacademic employees,
regulations, 1435
- amendment, 1515
- sabbatical, list, 475, 603, 1407
- Amador, L. V., 778
- Anderson, A. W., 1408
- change, 1507
- Armstrong, Grace B., 1353
- Ashelford, L. E., 513
- Axelrod, Audrey J., 684
- Ayers, A. R., 732
- Bacr, R., 1407
- Bauer, F. C., 1316
- Beam, G. R., 532, 732
- Benne, K. D., 1502
- Benner, T. E., 475, 1194
- cancellation, 535
- Blakeslee, Janet S., 1280
- Booth, A. W., 1316
- Brady, Dorothy S., 732
- Bray, R. H., 604
- Briscoe, J. W., 732
- Bronfenbrenner, Mrs. Jean A., 479
- Brown, G. B., 684
- Bruck, Helen, 1353
- Bruckner, W. H., 1334
- Brunner, M. J., 732
- Buddemeier, W. D., 604
- Burnette, P. J., 479
- Byers, W. H., 732
- Calloway, N. O., 573
- Carlton, H. H., 574
- Carter, D. G., 1408
- Cattell, R. B., 604
- Chalmers, W. E., 646, 771, 778
- Chandler, Mrs. Margaret K., 1316
- Changon, Pauline E., 1383, 1488
- Chen, Mrs. Mo-Ling H., 646
- Chernoff, H., 778
- Clark, J. W., 1530
- Cochran, J. A., 532
- Cole, W. H., 778
- Condon, A. C., 1235, 1383
- Cornell, F. G., 475, 513
- Cottrell, Frances E., 1316
- Leaves of absence, cont'd
- Crawford, C. W., 1408
- Cronbach, L. J., 1531
- Cureton, T. K., 604
- Curtis, J. O., 1235
- Dallenbach, F. D., 574
- Dangerfield, R., 574, 879
- Dawn, C. E., 574
- Day, M. M., 479
- DeMers, E. F., 574
- Dewey, R. S., 1408
- Donovan, C. V., 1408
- Duffield, R. B., 1316
- Eales, E. P., 732
- Edelman, J. M., 1502
- Edman, Marjorie, 1353, 1383
- Falls, J. L., 574
- Farago, P. J., 646
- Farnham, E. M., 1235
- Fellows, J. R., 1408
- Flanagan, J. T., 1407, 1491
- Fogle, Catherine L., 684, 1488
- Frey, J. R., 604
- Fuson, R. C., 1408
- Gage, N. L., 475, 513
- Gant, V. A., 1334
- Garland, J. H., 604
- Gettmann, R. A., 684, 1407
- Glickman, N., 405
- Goodyear, Margaret R., 1407
- Gray, H. M., 405
- Gum, Mrs. Wanda N., 1383
- Hackleman, J. C., 1503
- Haeberlin, J. B., Jr., 779
- Hagan, C. B., 1531
- Hagen, E. E., 1235
- Hancock, R. S., 732
- Harris, W. S., 1531
- Heck, C. V., 479
- Henderson, K. B., cancellation, 704
- Herman, C. E., 684, 879
- Hieser, Lucile, 1503
- Hoban, T. J., 646
- Hochschild, G. P., 879
- Hoelscher, R. P., 604
- Hoffmeister, D. F., 1408
- Hogan, J. D., 1531
- Horowitz, M. A., 732
- Howe, Q., 1383
- Hudson, R. B., 684, 1503
- Huegy, H. W., 1353
- Hultzen, L. S., 1408
- Hurwicz, L., 405
- Ingle, L., 1408
- Ivy, A. C., 1320
- Jacobs, H. J., 779
- James, Viola L., 449
- Johnson, R. H., 1280
- Johnston, L. D., 684
- Jones, G. N., 1408
- Jugenheimer, R. W., 1408
- change, 1507
- Kelly, J. R., 1408
- Kendall, K. A., 514
- Kennedy, W. E., 514
- Kitzmiller, J. B., 1408
- Kolb, P., 604
- Krausz, N. G. P., 479
- Krouse, Ruth, 684
- Kruger, P. G., 1408
- Krzywoblocki, M. Z., 1408
- cancellation, 1507
- Kubly, H. O., 733
- Kudo, R. R., 604
- Kuypers, J. M., 336
- Lack, A. D., 406
- Landis, P. N., 1407
- Larsen, R. P., 879
- Lawson, L. J., Jr., 574
- Lehmann, E. W., 604
- Leimert, Mary, 684

Leaves of absence, cont'd

Leng, E. R., 406
 Leonard, N. J., 1408
 Lewis, E. G., 1408
 Lewis, G. K., 574
 Lewis, O., 1425
 Lindstrom, D. E., 1320
 Litherland, Mrs. Dorothy, 514
 Locklin, D. P., 1353
 Loken, R. D., 532
 Longacre, A., 1425
 Loomis, F. W., 519
 extension, 1193, 1235
 Love, E. I., 604
 Malm, W. P., 647
 Marcus, E. Elizabeth P., 574
 Marcus, P., 779
 Marks, Rachel, 479
 Massler, M., 733
 McBride, D. F., 647
 McConnell, J. L., 1408
 McGhee, J. R., 532
 McGlothlin, Margaret P., 406, 1235
 McPherson, W. H., 406, 647, 1407
 Meginnis, P. J., 1531
 Mendel, C. W., 1334
 Meyer, Julia, 47
 Munroe, M. E., 604
 Murphy, R., 604
 Mutti, R. J., 1408
 Newcomer, H. L., 1353
 Nordsieck, A. T., 574, 1235
 Noreen, A. E., 1280
 Odell, R. T., 779
 Ohlsen, M. M., 1353
 Otterson, P. A., 574, 779
 Owens, C. B., 1408
 Paden, D. W., 1407
 Page, Mrs. Janet L., 47
 Place, V. A., 647
 Pomeroy, D. S., 532
 Pulos, A. J., 1503
 Ranz, W. E., 1353
 Rapp, Mrs. Esther H., 604
 Ray, G. N., 1459
 Read, H., 1488
 Reickert, F. A., 1235
 Rhode, C. S., 1408
 Ridenour, L. N., 2
 Robinson, C. S., 449
 Rockwood, Mrs. Ruth H., 1383
 Roll, H. C., 532
 Rolland, P., 1408
 Roos, F. J., 514
 Ruehe, H. A., 1408
 Russell, J. A., 779
 Sallach, H. J., 532
 Sanders, W. B., 1384
 Scheick, W. H., 336
 Schramm, W., 474, 1317
 Scott, E. J., 1408
 Scovill, H. T., 1531
 Seitz, F., 1280
 Shahani, K. M., 1235
 Shannon, F. A., 604
 Shanor, L., 604
 Smythe, D. W., 779
 Snader, D. W., 879
 Snyder, R. E., 647
 Springer, C. H., 604
 Stafford, G. T., 1334, 1408
 Stegemeier, H., 1408
 Stendler, Celia B., 1353
 Stewart, C. L., 1408
 Stone, Elizabeth H., 684
 Stephens, C., 1280
 Straub, F. G., 1353
 Stubblefield, F. M., 733
 Swank, Irma L., 47
 Tanner, M. C., 574
 Thornberry, H. H., 532

Leaves of absence, cont'd

Tighe, J. P., 779
 Tracy, F. H., 604
 Trimble, H. D., 1353, 1503
 Trjitzinsky, W. J., 604
 Trump, J. L., 1488
 Turner, F. H., 879
 Turyn, A., 1408
 Tylman, S. D., 779
 Underwood, R. B., 733
 Ursic, S. J., 532
 Usry, Edith M., 1408
 Vance, G. A., 647
 Van Cleave, H. J., 574
 Vaughan, H. E., 1408
 Veale, P. T., 647
 Vermeulen, C. W., 514
 Walker, Claretta, 406
 cancellation, 336
 Walker, L. D., 1408
 Walston, R. L., 684
 Walters, C. S., 1407
 Wehrle, P. F., 1235
 Werner, R. C., 1408
 Will, F. L., 1408
 Wilson, F. G., 1408
 Witter, R. E., 574
 Wood, W. A., 574
 Zander, Berenice A., 1235
 Zeitlin, H., 1280
 Zimmerman, W. F., 733
 Zirner, L. E., 1408
 Zirolli, N. V., 733, 779
 Zolt, N., 1317
 Zubko, L. M., 1235
 Leavitt, A. E., degree, 802
 LeBaugh Coal Co., purchase, 342, 375
 Lebduska, R. L., degree, 414
 Lebduska, Wanda R., degree, 416
 LeBeau, L. J., appointment, 1274, 1379
 degree, 1569
 fellowship, 531
 Lebed, Rita A., degree, 806
 Lebedeff, A. G., degree, 409
 Lebedun, M. L., degree, 1576
 LeBlond, R. K., Machine Tool Co., purchase,
 500, 1465
 LeBold, W. K., appointment, 246, 1085, 1379
 Lebovitz, M. M., degree, 1576
 Lebowitz, J. L., fellowship, 1485
 declination, 1487
 LeBoy, G. H., degree, 597
 LeBreton, P. P., appointment, 690
 Lech, Pauline D., degree, 828
 Lecher, Mrs. Darlene W., appointment, 279
 Lechniak, J. D., degree, 818
 Lecos, C. W., degree, 1564
 LeCount, Beryl B., degree, 581
 LeCuyer, Janet A., degree, 1556
 Ledderboge, Jean R., appointment, 302
 Lederberg, S., appointment, 1445
 Lederer, F. L., appointment, 207, 231, 1043
 gift, 556, 1219
 Lederle Laboratories, contract, 378, 469
 change, 561, 1264
 gift, 552, 1215
 Ledet, D. A., appointment, 157, 697, 991
 Lee, Mrs. Ann P., appointment, 295
 Lee, Carl W., degree, 1548
 Lee, Charles W., degree, 1567
 Lee, Cheng-Lee, fellowship, 1480
 Lee, Dah-Hsuan, degree, 782
 Lee, Doris, appointment, 311
 Lee, Evelyn, appointment, 1160
 Lee, F. E., appointment, 141, 976
 Lee, F. J., appointment, 1227, 1528
 Lee, J. C., appointment, 1274
 Lee, J. P., certificate, 1329
 Lee, Jeanne G., degree, 420
 Lee, Katherine J., degree, 586
 Lee, Ki C., degree, 1576

- Lee, L. D., degree, 824, 1570, 1574
fellowship, 877
- Lee, L. H., fellowship, 1484
- Lee, M. M., fellowship, 1482
- Lee, Mary A., degree, 1556
- Lee, Robert Emmett, degree, 1570
- Lee, Robert Eugene, degree, 826
- Lee, R. H., degree, 1251
- Lee, Raymond L., Jr., degree, 1392
- Lee, Robert L., degree, 1401
- Lee, R. V., degree, 1572
- Lee, Mrs. Ruth E., appointment, 323
- Lee, T. D., appointment, 1453
- Lee, Tien-Un, degree, 782
- Lee, W. T., appointment, 1109
- Leech, V. M., appointment, 357, 1186
- Leeds, W. L., appointment, 395
resignation, 646
- Leeds & Northrup Co., purchase, 468, 612
- Leek, J. R., appointment, 872, 958
- Leeming, J. W., Jr., degree, 589
- Leemon, J. A., degree, 1548
- Leeper, C. R., degree, 418
- Leeper, Charlyn V., degree, 1249
- Leeper, Mrs. Verdel L., appointment, 261
- Leetavorn, C., degree, 1561
- Leever, R. S., appointment, 76, 1274
- Leevy, Mrs. Ellen, appointment, 334
- LeFebvre, L. W., degree, 798
- Lefker, R., degree, 578
- Lefkowitz, Mrs. Irene, appointment, 322
- Lefkowitz, M., appointment, 323
- Lefler, E. D., degree, 586
- Le Fort, T. R., degree, 1544
- Leifstein, A. H., degree, 824
- Legal Counsel, appointment, 534, 672
appropriation, balance reappropriated, 1196
authority, enter appearance of Board in
legal proceedings, 1402
budget, 63, 262, 895, 1098
- Legal Medicine, *See* Criminology and Legal
Medicine.
- Legal services, Armstrong, J. H., Warner
Construction Co. contracts, payment, 736
- Chapman & Cutler, Chicago housing project
revenue bonds, payment, 736
residence halls, bond issue, 763, 1267
- Chatkin case, employment of special counsel,
committee, 459
employment of special counsel, members of
Board to be consulted, 436
- Milliken, Vollers and Parsons, water rates
litigation, payment, 1361, 1493
- Snyder, Chadwell, and Fagerburg, payment,
Blackburn case, 435
Kenny case, 1258
- Legasto, M. C., appointment, 1186
- Legasto, N. C., appointment, 674, 1186
- Legator, Mrs. Elizabeth P., appointment, 269,
1105
- Legator, M., degree, 1281
fellowship, 448
- Legault, R. R., appointment, 1337
- Leger, G. F., Jr., degree, 783
- Leginski, B. J., degree, 1248
- Legislation, Accountancy Act of 1943, amend-
ment, 1293
appropriations bill, 772, 844
hearings, 685
- East Dentistry, Medicine, and Pharmacy
Building, construction, 772
- General Assembly bills affecting the Uni-
versity, enlarging powers of state audi-
tor, 717
report, 368
state board of higher education, 716
- LeGlaire, M. L., degree, 418
- Legner, A. A., member of advisory commit-
tee, 365, 1195
- LeGrand, Dorothy, resignation, 404
- LeGrande, A. H., Jr., degree, 423
- Lehman, D. C., degree, 813
- Lehman, Jean U., appointment, 1187
- Lehman, W. B., degree, 1561
- Lehmann, E. W., 96, 930, 1444
leave of absence, 604
- Lehmann, Frances G., appointment, 317, 1155
- Lehn, Phyllis A., degree, 806
- Lehner, S. S., degree, 1564
- Leiber, J., degree, 784
- Leichenger, H., appointment, 360, 1189
- Leichner, G. H., degree, 802
- Leigh, B. G., degree, 826
- Leighly, H. P., Jr., degree, 1534
fellowship, 478
- Leighton, C. R., Jr., degree, 824, 1574
- Leighton, R. T., appointment, 140
- Leimert, Mrs. Mary L., appointment, 477,
1043, 1188, 1227
leave of absence, 684
- Lein, Marie E., appointment, 242, 702, 1081
- Leininger, R. A., degree, 819
- Leiser, R. S., degree, 1557
- Leiss, C., Co., purchase, 29
- Leiss, J. E., degree, 583
- Leiter, O. C., appointment, 166, 1002
- Leithner, Mrs. Violet, appointment, 330
- Leland, S. E., Jr., degree, 454
- Lembke, W. D., degree, 586, 1538
- Lemcoe, Mrs. Dorothea A., appointment, 1314
- Lemen, C. A., member of advisory committee,
1195
- Lemen, G. W., degree, 815
- LeMessurier, R. W., degree, 1565
- Leming, J. L., degree, 581
- Lemke, H. G., degree, 813
- Lemmens, P. G., appointment, 1528
- Lemmon, Mary L., appointment, 1499
declination, 1530
- Lemmon, W. S., appointment, 1096
- Lemmons, Florence P., degree, 412
- Lemmons, M. F., degree, 581
- Lemmons, W. S., appointment, 259
- Lemnios, W. Z., degree, 795
- Lemon, G. B., degree, 1245
- Lemon, Ruth, appointment, 320
- Lemons, D. F., degree, 1553
- Lemp, J. F., Jr., degree, 591
- Lendrum, Bessie L., appointment, 1314
- Lendrum, F. C., appointment, 198, 204, 1032,
1039
- Lendrum, J. T., appointment, 153, 180, 509,
843, 988, 1014
- Leng, E. R., appointment, 99, 933
leave of absence, 406
- Lenhart, Charrenz S., degree, 1534
- Lenihan, Mrs. Marion C., appointment, 242,
1081, 1477
- Lenit, O. S., Jr., degree, 824, 1574
- Lennon, G. P., certificate, 488
- Lennon, Mrs. Rose V., resignation, 1502
- Lennox, E. S., appointment, 872
- LeNoble, D. E., degree, 818
- Lenowich, G., degree, 1397
- Lens kits, Chemistry, purchase, 852
- Lentz, J. H., appointment, 294
- Lentz, N. E., appointment, 329, 1171
- Lenz, C., Jr., degree, 588
- Lenz, Eunice, appointment, 11, 1308
- Leon, M. J., certificate, 41
- Leonard, J. D., degree, 817
- Leonard, Maria, appointment, 64, 897
- Leonard, Mrs. Mary A., appointment, 263,
1099
- Leonard, Mary T., appointment, 269
- Leonard, N. J., appointment, 72, 690, 905,
1314, 1446
leave of absence, 1408
- Leonard, Rochelle, degree, 1399
- Leone, Carla J., degree, 1401
- Leonhard, C., appointment, 1179, 1452
- LePage, D. W., degree, 806

- Lepp, Betty L., degree, 813
 Lepp, Lillian, appointment, 1160
 Lepp, S., degree, 818
 Lepper, M. H., appointment, 211, 446, 1190, 1379
 Lerner, H. I., degree, 826
 Lerner, I., appointment, 361, 1189
 Lerner, Lois B., degree, 1250
 Lerner, Ruth G., degree, 826
 LeRoy, H. D., degree, 801
 Lescher, F. M., appointment, 153, 988
 Lesemann, R. F., appointment, 534, 672, 895, 1000, 1499
 Lesh, C. P., Paper Co., purchase, 672, 1206
 Lesher, D. J., degree, 424
 Leshin, N., appointment, 359, 1187
 Lesk, I. A., degree, 1282
 Leslie, Betty J., degree, 1556
 Leslie, Dorothy M., degree, 812
 Leslie, G. E., certificate, 1329
 Leslie, K. C., degree, 587
 Leslie, P., degree, 1390
 Lesondak, G. J., degree, 818
 Lessin, R. L., degree, 804
 Lester, K. D., appointment, 290, 1127
 LeSueur, Mrs. Betty M., degree, 811, 872
 Letchinger, M. H., degree, 799
 Lete, J. R., degree, 596
 Leu, R. F., degree, 597
 Leucht, E. E., degree, 596
 Leukemia, research, gift, 555, 1217, 1473
 Leurgans, P. J., fellowship, 513, 681
 Leuthold, D. W., degree, 1252
 Leutholtz, Charlotte, appointment, 323
 Leutwiler, O. A., appointment, 128, 963
 Leutwiler Award Committee, gift, 1214
 Lev, M., appointment, 208, 229
 resignation, 1233
 Leva, Sonja, degree, 810
 LeVar, R. R., degree, 1561
 Leveen, Betty H., degree, 1555
 Levenfeld, M. A., certificate, 1329
 Levenson, Mrs. Beverly, appointment, 644
 Levenson, S. D., certificate, 842
 degree, 1387
 Leverenz, C. C., degree, 1558
 Leverenz Electric Co., contract, 344, 370, 493, 638, 763
 modernization of transformer vault serving
 Busey and Evans Residence Halls, bid,
 deposit retained, 494
 withdrawn, 494
 Levi, R. S., degree, 828
 Levin, A. A., degree, 809
 Levin, A. P., degree, 815
 Levin, Betty-Ann, degree, 1397
 Levin, Fern F., degree, 421
 Levin, Frances, lease, 1209
 Levin, H. E., member of advisory committee,
 1255
 Levin, H. S., degree, 1572
 Levin, Mrs. Irene F., appointment, 1103
 Levin, J. C., degree, 824, 1574
 Levin, M. D., degree, 1557
 Levin, M. M., certificate, 1490
 Levin, R. L., degree, 806
 Levin, S. D., certificate, 842
 Levin, S. I., degree, 1398
 Levinberg, Roselyn, degree, 787
 Levine, A. H., degree, 1561
 Levine, E. I., degree, 824, 1574
 Levine, E. S., degree, 1555
 LeVine, H. J., appointment, 355, 1183
 Levine, M. D., degree, 1562
 Levine, N. D., appointment, 113, 162, 163, 947, 997, 998
 Levine, R., appointment, 362, 1190
 Levine, S. B., appointment, 179, 1015
 Levine, S. H., certificate, 1338
 Levinson, Ida, appointment, 86, 699, 920, 1456
 Levinson, S. A., appointment, 208, 227, 1044, 1065
 Levinson, S. O., appointment, 360, 1189
 Levis, Evelyn J., degree, 1560
 Levitt, M. H., degree, 1561
 Levitt, M., Gallery, purchase, 711
 Levitt, R. O., appointment, 353, 1182
 Levitt & Sons, Inc., contract, 33
 Levy, B. H., degree, 1563
 Levy, Dorothea A., degree, 812
 Levy, E. R., degree, 1536
 Levy, G., appointment, 355, 1183
 Levy, H., appointment, 80, 696, 913
 Levy, H. A., appointment, 204, 1182
 Levy, Helen, appointment, 320
 Levy, S., appointment, 216, 1052, 1053
 Levy, Vardith N., degree, 1572
 Lewandoski, Mrs. Martha S., appointment,
 65
 resignation, 404
 Lewandowski, F. P., degree, 1552
 Lewenstein, M., appointment, 446, 1227
 Lewick, Anita R., degree, 1396
 Lewicki, W. L., degree, 813
 Lewin, H. B., degree, 1563
 Lewin, H. R., degree, 1561
 Lewin, P., member of advisory committee,
 562
 Lewis, Alberta F., degree, 1239
 Lewis, Arlene, appointment, 321
 Lewis, Bernice, degree, 1237
 Lewis, Mrs. Beverly J., appointment, 288
 Lewis, Blanche L., appointment, 276, 1112
 Lewis, Bonnie, appointment, 692
 Lewis, Carl, appointment, 299, 1136
 Lewis, Clyde, appointment, 1136
 Lewis, C. B., Jr., certificate, 1292
 Lewis, Charles E., degree, 813, 1109
 Lewis, Cornelius E., appointment, 274, 1110
 Lewis, C. G., degree, 1564
 Lewis, C. J., appointment, 300
 Lewis, Clarissa O., appointment, 184, 1019
 Lewis, D. L., degree, 1567
 Lewis, Dorothy A., degree, 806
 Lewis, E. G., appointment, 82, 698, 916
 leave of absence, 1408
 Lewis, E. W., appointment, 271, 1107
 Lewis, Florence J., degree, 420
 Lewis, G. K., appointment, 359, 1187
 leave of absence, 574
 Lewis, Gail W., degree, 1555
 Lewis, H., degree, 824, 1574
 Lewis, H. A., appointment, 530, 1190
 Lewis, J., appointment, 275, 1107, 1111
 Lewis, J. L., degree, 810
 Lewis, J. M., appointment, 93, 509, 927
 Lewis, Joan, appointment, 321
 Lewis, L. D., appointment, 65, 898
 Lewis, L. R., degree, 1541
 Lewis, M. F., degree, 590
 Lewis, Mary, appointment, 1116
 Lewis, O., appointment, 84, 699, 918
 book, printing, 1416
 leave of absence, 1425
 Lewis, O. P., appointment, 271, 1107
 Lewis, R. C., degree, 591
 Lewis, R. D., appointment, 260, 1102
 Lewis, R. R., degree, 806
 Lewis, Rosalie C., degree, 1564
 Lewis, S. R., & Associates, engineering serv-
 ices, remodeling of quarters for Physical
 Medicine, 764
 Lewis, Sara M., degree, 1550
 Lewis, Verna B., appointment, 1129
 Lewis, W. C., appointment, 355, 1183
 Lewis, W. D., degree, 420, 1236
 Lewis, W. H., appointment, 1528
 degree, 1565
 Lewison, M. M., appointment, 360, 1189
 Lew Worthem Building Maintenance Co.,
 contract, 707
 Lewy, C., appointment, 872, 914, 971
 Lewy, R. B., appointment, 359, 1187
 Lezan, Shirlene R., degree, 812

- Li, Ching-yung H., degree, 794
 Li, D. H., fellowship, 1479
 Li, Fook H., degree, 419
 Li, Min C., appointment, 1184
 Li, Yin-Yuan, degree, 783
 fellowship, 731
 Libanoff, A., degree, 1558
 Libby, Patricia A., degree, 786
 Liberal Arts and Sciences, College of, appropriations, balances reappropriated, 37, 40
 budget, 69, 264, 902, 1100
 Chicago Undergraduate Division, 240, 331, 1080, 1173
 degrees conferred, 419, 454, 589, 805, 1249, 1286, 1395, 1554
 general education requirements, Bachelor of Arts degree, change, 1320
 major and minor requirements, history of art, 536
 rhetoric and composition, 535
 prenursing curriculum, 537
 Liberty Mutual Insurance Co., purchase, 32, 716
 Library, appropriations, balances reappropriated, 1198
 budget increase, 492
 binding of books and magazines, contract, 767
 books, collections for research in English literature, 32
 history of Chicago and early railroad history, gift, 1210
 Browning letters, purchase, 32
 budget, Chicago Professional Colleges, 231, 324, 1069, 1166
 Chicago Undergraduate Division, 250, 333, 1089, 1175
 Urbana-Champaign departments, 182, 294, 1017, 1131
 call system, Chicago Professional Colleges, appropriation, 476
 equipment for audio-visual aids laboratory, appropriation, 546
 fines, collection, 654
 rare book collection, additions, purchase, 1326
 tables, repair, appropriation, 654
 Library Building, transformer vault, modernization, release of funds, 433
 Library School, appropriations, balances reappropriated, 1197
 bachelor's degree, discontinued, 1255
 Baker scholarship, gift, 1213
 budget, 167, 288, 1003, 1125
 summer session, 695, 1451
 degrees conferred, 421, 592, 812, 1250, 1397, 1559
 scholarship, gift, University of Tennessee Library, 550
 Library Science, doctor's degree, change, 653
 fellows, 680, 1484
 Library shelves, Chicago Undergraduate Division, purchase, 837
 License, Allis-Chalmers Manufacturing Co., manufacture of betatrons under Kerst patent, 862
 Lichtenberg, Carmen, degree, 1393
 Lichtenberg, D. B., degree, 795
 Lichtenberger, Barbara J., degree, 1393
 Lichtenberger, Cleo, appointment, 184, 1019
 Lichtenberger, H. D., degree, 422
 Lichtenberger, J. C., degree, 588
 Lichtenstein, B. W., appointment, 356, 1184, 1350
 Lichtenstein, M. R., appointment, 353, 1182
 Lichtenstein, Rosalie R., degree, 806
 Lichtenstein, W. K., degree, 810
 Lichtenwalter, D. A., degree, 1570
 Lichter, E. A., degree, 830
 Lichton, I. J., degree, 583
 Lichton, Mrs. Marilyn, appointment, 1133
 Lichtwardt, R. W., appointment, 689, 1445
 degree, 789
 Liddell, D. W., degree, 1546
 Lidge, R. T., appointment, 358, 1043
 Lieb, W. D., degree, 1567
 Liebenow, J. G., Jr., degree, 452
 Lieber, Jean, appointment, 333, 1175
 Lieberman, G., degree, 824, 1574
 Lieberman, L. H., degree, 824, 1574
 Lieberman, M., degree, 407
 fellowship, 776
 Liebhafsky, E. E., degree, 450
 Liebman, Lenore, appointment, 1173
 Liebman, S., appointment, 362, 1190
 Liehr, A. D., degree, 1557
 Liehr, A. E., degree, 1393
 Lienk, S. E., degree, 576
 Lienna, Elizabeth, appointment, 1157
 Lierle, D. W., degree, 580
 Lierman, Frances J., appointment, 301, 1137
 Lierman, O. D., degree, 584
 Lies, J. R., degree, 802
 Liesse, A. V., degree, 1248
 Life Insurance Medical Research Fund, gift, 554
 Life Sciences Building, architects, employed, 474
 site, 1302
 Liffick, Mary I., degree, 791
 Lifschultz, P. I., certificate, 41
 Lifton, A. J., certificate, 1329
 Lifton, W. M., appointment, 145, 396, 692, 980, 1448
 Lifvendahl, R. A., appointment, 356, 1185
 Light, Phyllis J., appointment, 287, 1123
 Lightcap, Sara R., appointment, 318
 Lighting facilities, campus, extension, contract, 1203
 prevailing wage rates, schedule, 1204
 Lighting system, University High School, improvements, appropriation, 521
 Ligon, Mrs. Mary S., appointment, 109, 119, 943, 952
 Likovich, R. M., degree, 1576
 Lilge, F., appointment, 1448
 Lillibridge, D. J., degree, 597
 Lillie, H. M., degree, 587
 Lilljander, R. E., degree, 592
 Lilly, E., & Co., contract, 469, 769
 change, 713, 769, 1264
 gift, 549, 550, 552, 1212, 1215
 Lilly, J. J., certificate, 1338
 Lilly, Lois L., degree, 412
 Lim, R. K. S., appointment, 203
 declination, 404
 Limarzi, L. R., appointment, 204, 1039
 Limbaugh, W. B., degree, 828
 Limb regeneration, research, gift, 550
 Limestone, purchase, Agricultural Engineering, 614
 Physical Plant, 854
 Lin, Chi-Yung, degree, 450
 Lin, Pei-Hsing, degree, 1533
 Lin, Tsung M., degree, 1570
 Lincicome, R. A., degree, 1399
 Lincoln, J. F., Arc Welding Foundation, gift, 547, 1211
 Lincoln Avenue Residence, budget, 192, 304, 1027, 1140
 contracts with Warner Construction Co., charges, 534
 President's report, 615, 616
 legal services, payment, 736
 settlement, 1374
 residents, gift, 1468
 Lincoln Avenue storm sewer, maintenance, agreement, 845
 Lincoln collection, gift, 1332
 Lincoln Hall, remodeling, appropriations, balances reappropriated, 38, 39
 Lind, H. V., degree, 1552

- Lind, R. G., degree, 816
 Lindahl, J. M., degree, 1565
 Lindberg, O. H., degree, 588
 Lindblad, W. E., degree, 806
 Lindelius, Elizabeth, appointment, 324
 Lindell, P. W., appointment, 1132
 degree, 1559
 Lindell, Phyllis A., degree, 1239
 Linden, C. T., appointment, 352, 1181
 Linden, Lorraine V., degree, 1396
 Lindenau, R. G., degree, 587
 Linder, H. W., degree, 1250
 Linder, J. A., degree, 818
 Lindley, A. F., degree, 811
 Lindley, C. E., degree, 1568
 Lindquist, R. C., certificate, 1330
 Lindquist, R. E., degree, 1552
 Lindquist, R. F., certificate, 1329
 Lindquist, R. J., Jr., degree, 422
 Lindsay, D. B., appointment, 153, 988
 Lindsay, J., appointment, 325, 1167
 Lindsay, J. E., Jr., appointment, 213
 termination, 479
 Lindsay, M. G., degree, 412
 Lindsay, Sarah J., degree, 1550
 Lindsay, W. E., appointment, 299
 Lindsay Light & Chemical Co., gift, 549, 1468
 Lindsey, Mrs. Audry, appointment, 151, 985
 Lindsey, E. G., contract, 1203, 1493
 adjustment, 1361, 1417, 1495, 1522
 Lindsey, W. E., appointment, 1135
 Lindstrom, D. E., appointment, 84, 94, 688,
 918, 928
 leave of absence, 1320
 Lindstrom, G. W., degree, 596
 Lindstrom, K. A., certificate, 842
 Lindstrom, R. E., degree, 418
 Lindvall, C. M., degree, 1546
 Line, R. M., appointment, 153, 988, 1445
 Line Service, Research and Educational
 Hospitals, budget, 227, 318, 1066, 1157
 Linford, M. B., appointment, 111, 945
 Ling, A. S. C., degree, 454
 Lingle, K. H., certificate, 41
 Link, A. J., Jr., degree, 824, 1574
 Link, Beata A., appointment, 318, 1156
 Link, Robert P., appointment, 7, 396, 988
 Link, Roger P., appointment, 113, 164, 947,
 999
 degree, 783
 Link, W. A., appointment, 219, 1055
 Link Aviation, Inc., purchase, 341
 Linke, C. A., degree, 831, 1192
 Linker, C. M., degree, 822
 Linkhart, E. G., appointment, 183, 1018
 resignation, 1280
 Linkovskis, P., fellowship, 1482
 Linkus, Mrs. Ruth, appointment, 305, 1141
 Linn, M. B., appointment, 112, 945
 Linn, O., member of advisory committee, 365,
 1195
 Linsky, L., appointment, 81, 396, 697, 915
 resignation, 404
 Linsley, C. M., appointment, 99, 119, 932, 952
 Linson, Lenora, appointment, 10, 1307
 Linton, D. R., degree, 819
 Linton, G. A., appointment, 477, 997
 Linzer, E., appointment, 181
 resignation, 731
 Lipe, D. M., appointment, 1054
 Lipin, J. L., appointment, 396
 degree, 1572
 Lipman, D. U., degree, 1401
 Lipman, E. A., appointment, 238, 244, 703,
 1083, 1458
 Lipman, Vivian C., degree, 1558
 Lippincott, B. N., appointment, 302, 1138
 Lippold, P. C., degree, 811
 Lippold, R. W., appointment, 352, 1180
 Lipps, Christine, fellowship, 682
 declination, 731
 Lipps, W. L., Jr., degree, 597
 Lipschultz, H., certificate, 488
 Lipschultz, R. B., degree, 1561
 Lipsitz, G., degree, 1396
 Lipton, E. L., appointment, 730, 1180
 Liquid nitrogen plant, purchase and installa-
 tion, appropriation, 482, 706
 equipment, purchase, 483
 Lis, E. F., appointment, 208, 1045, 1074
 Lisenby, Barbara I., degree, 817
 Liska, K. J., degree, 828
 Liss, B., certificate, 1507
 Lissy, Romwalda L., diploma, 1575
 List, H. A., degree, 1251
 Listener's fee, regulations, 1492
 Liston, J. W., degree, 797
 Liszek, J. T., degree, 811
 Litherland, Mrs. Dorothy A., appointment,
 139, 974
 degree, 780
 leave of absence, 514
 Litigation, authority of Legal Counsel to enter
 appearance of Board in legal proceed-
 ings, 1402
 Blackburn case, decision, 374
 legal services, payment, 435
 Chatkin case, decision, 664
 legal services, 459
 Hunter case, expenses, University's con-
 tribution, 603
 University's appearance in court, 709
 Kenny case, legal services, payment, 1258
 report, 1257
 water rates, professional services, 862
 payment, 1361, 1493, 1513
 Little, L. O., appointment, 1448
 Litman, S., appointment, 140, 975
 Litt, Mrs. Lorraine A., appointment, 318, 1141
 Little, A. D., Inc., contract, 1207
 Little, B. A., degree, 1538
 Little, C. E., appointment, 1274
 Little, D. P., degree, 814
 Little, E. B., appointment, 241, 1080
 Little, I. Y., certificate, 488
 Little, J., Jr., degree, 804
 Little, Mary L., appointment, 1021
 degree, 1244
 Little, W. W., certificate, 488
 Littlefield, J. T., degree, 792
 Littlefield, R. P., certificate, 1330
 Littler, T. A., appointment, 279, 1115
 Littleton, A. C., appointment, 138, 974, 1445
 Littleton, Emelda E., degree, 1556
 Littleton, I. T., degree, 793
 Littman, A., appointment, 1499
 degree, 829
 fellowship, 448
 Littrell, J. E., appointment, termination, 1280
 Littrell, J. H., appointment, 176, 1012
 Litwin, D. F., degree, 422
 Litz, F. A., degree, 1552
 Liu, Chang K., appointment, 446, 970
 resignation, 1487
 Liu, Chui-Hsun, degree, 1555
 fellowship, 1485
 Liu, Jennie C., degree, 781
 fellowship, 513
 Liu, Joanna K. Y., appointment, 1132
 degree, 1559
 Liu, R. C., appointment, 1120
 Liu, Tung, degree, 1240
 fellowship, 678, 1480
 Liver, purchase, 615
 research, gift, 551, 552, 553, 1216, 1471
 Liveright, Mrs. Dorothy, appointment, 316,
 1153
 Livermore, F. M., degree, 1564
 Livermore, O., appointment, 247, 396, 702,
 1077, 1085, 1458
 Livermore, R. L., degree, 806
 Livesay, G. R., degree, 1534

- Livingston, Dorothy R., degree, 784
 Livingston, G. S., appointment, 359, 1187
 Livingston, M. K., degree, 810
 Livingston, P., authority to sign bonds for financing Chicago housing projects and remodeling second unit of Dentistry, Medicine, and Pharmacy Building, 625
 elected President of Board, 600, 1404
 member of committees, 428, 459, 1222, 1422
 signature, delegation, 601, 1404
 University representative at hearings of Federal Communications Commission, 460
 Livingston, R. W., degree, 590
 Livingston, W. J., degree, 806
 Lizius, Stephanie, appointment, 306, 1142
 Llewellyn, Phyllis J., degree, 408
 Lloyd, Mrs. Dorothy E., appointment, 304
 Lloyd, J. E., degree, 590
 Lloyd, J. W., appointment, 94, 927
 Lloyd, R. M., degree, 1397
 Lloyd, R. T., Jr., certificate, 41
 Lloyd, S. P., degree, 783
 Lloyd, W. H., III, degree, 1549
 Lloyde, C. V., Piano Co., purchase, 467, 526
 Lo, Yuen-Tze, degree, 1534
 fellowship, 679, 1352
 Loan funds, gift, 1468
 investment, 379, 1291, 1497
 Lob, C. G., appointment, 127, 477
 degree, 782
 resignation, 1233
 Lober, A. R., degree, 1242
 Lobraico, R. V., Jr., appointment, 206, 674, 1042, 1478
 LoCicero, Mary, appointment, 317, 1155
 Lock, A. M., degree, 1248
 Lockard, W. K., degree, 1565
 Lockart, R. D., degree, 821
 Locke, Mrs. Clara E., property, purchase, 348
 Locke, D. M., degree, 1540
 fellowship, 678, 1481
 Locke, J. P., degree, 1565
 Locker, W. A., Jr., degree, 408
 Lockers, Anatomy, rehabilitation, appropriation, 655
 Music, appropriation, 492
 Physical Education for Men, purchase, 376, 440
 Physical Plant, purchase, 501
 Research and Educational Hospitals, purchase, 1416
 Lockert, J. C., degree, 789
 Lockett, Mrs. Henrietta, appointment, 1163
 Lockhart, Helen R., appointment, 1314
 Lockhart, R. L., degree, 1249
 Locklin, D. P., appointment, 140, 691, 975
 leave of absence, 1353
 Lockyer, M. A., degree, 412
 Locomotive Testing Laboratory, name changed, 462
 Lodge, Louise F., appointment, 184, 1019
 Lodge, Mary V., diploma, 1575
 Loeb Wrecking & Lumber Co., contract, 1204
 prevailing wage rates, schedule, 1205
 Loeffler, F. J., Jr., degree, 1240
 Loeffler, H., degree, 1561
 Loeffler, H. A., degree, 1568
 Loesch, Clara, appointment, 322, 1164
 Loesch, R. A., degree, 595
 Loevy, N. B., degree, 1395
 Loewe, R. T., degree, 792
 Loewenberg, Doris R., degree, 812
 Loewy, A., appointment, 359, 1188
 Lofchie, F., degree, 422
 Lofdahl, C. M., degree, 826
 Loftiss, E. W., degree, 1544
 Loftus, T. J., appointment, 1143, 1144
 Logan, D. G. D., degree, 784
 Logan, E. E., degree, 1389
 Logan, F. W., appointment, 1320
 Logan, Marjorie D., degree, 791
 Logsdon, Lucy, degree, 595
 Logsdon, P. W., degree, 1242
 Logue, T. J., degree, 1555
 Loh, A. T., degree, 1534
 Lohan, N. R., appointment, 334, 1176
 Lohman, Mrs. Harriet B., appointment, 1142
 Lohmann, K. B., appointment, 155, 989
 Lohmar, J. H., degree, 820
 Lohmeyer, C. R., appointment, 62
 resignation, 404
 Lohr, Margaret P., degree, 591
 Lohrer, Alice, appointment, 168, 695, 1003
 Loikets, W. R., degree, 1551
 Loitz, R. N., degree, 798
 Loken, R. D., appointment, 142
 leave of absence, 532
 resignation, 1233
 Loken, T. K., degree, 410
 Lokke, Margaret J., appointment, 183, 1019
 Lollock, E. W., degree, 588
 Lomasney, W. F., appointment, 674, 929, 950, 953
 Lombardo, V. L., degree, 1556
 LoMonaco, J., degree, 1550
 Lomonte, Rose M., degree, 1543
 Lonchar, Angela, appointment, 319, 1158
 Londrigan, R. J., degree, 808, 809
 Loneragan, J. W., degree, 810
 Long, Mrs. Alice R., appointment, 331
 Long, Mrs. Harriett S., appointment, 263, 1099
 Long, J. S., appointment, 357, 1185
 Long, L., appointment, 1448
 Long, P. J., degree, 823
 Long, Ross, appointment, 269
 Long, Roy, 299, 1136
 Long, R. W., degree, 810
 Long, S., degree, 581
 Long, Thelma F., appointment, 396
 resignation, 878
 Long, W., appointment, 292
 Long, W. D., degree, 1391
 Long, W. W., degree, 587, 1243
 Longacre, A., appointment, 132, 967, 1274, 1350
 leave of absence, 1425
 Longacre, J. W., degree, 1389
 Longaker, C. F., degree, 815
 Longan, Agnes, appointment, 309, 1147
 Longava, Frances R., appointment, 1158
 Long Bell Lumber Co., purchase, 439
 Longest, J. W., degree, 594
 Longini, Joan, appointment, 362, 674, 1048
 Long Lumber Co., purchase, 343, 838, 1343
 Longman, Louise C., degree, 407
 Longmire, F. E., appointment, 118, 952
 Longshaw, W. J., degree, 1252
 Longshore, C. C., degree, 1567
 Longshore, Helen L., degree, 811
 Loo, Yen H., appointment, 102, 136, 936, 971
 declination, 1280
 Looby, W. E., appointment, 363, 1192
 Looker, C. B., Jr., appointment, 153, 396, 988
 Looker, J. H., appointment, 72
 resignation, 404
 Loomis, C. E., degree, 1568
 Loomis, C. O., degree, 1249
 Loomis, F. W., appointment, 131, 966
 leave of absence, 519
 extension, 1193, 1235
 Loomis, Harriet R., appointment, 9
 Loomis, Metta M., appointment, 231, 1069
 Looper, Marvin, degree, 822
 Looper, Michael, degree, 1571
 Loos, J., Jr., degree, 418, 792
 Loos, J. E., degree, 804, 1544
 fellowship, 681
 Loose, Mrs. Ruth L., appointment, 316, 1153
 Lopeman, H. E., appointment, 283, 1119

- Lopez, Dolores E., degree, 586
 Lopez, R. G., appointment, 364, 1193
 Lopotko, A., degree, 816
 Loprieno, J., degree, 412
 Lorange, L. M., Jr., degree, 418
 Lord, J. B., degree, 451
 Lore, M. M., certificate, 1178
 Lorentz, Mildred, appointment, 11
 Lorenz, J. C., degree, 781
 Lorenz, R. W., appointment, 107, 114, 940, 948
 Lorenzen, Evelyn J., degree, 826
 Lorillard, P. Co., bonds, purchase, 1291
 Lorimer, F. M., appointment, 362, 1190
 Lorimer, R. L., certificate, 1329
 Lorsch, Sarville M., degree, 806
 Lorton, Joyce O., degree, 810
 Loseff, E. D., degree, 1576
 Loss, J. W., Jr., degree, 1567
 Lott, Mrs. Catherine F., appointment, 1170
 Lott, E. H., certificate, 1254
 Lott, R. V., appointment, 111, 945
 Lott, Rose M., appointment, 1096
 Lottich, Shirley G., degree, 1390
 Lou, S. E., degree, 587
 Louis, G., certificate, 1330
 Louis, J., appointment, 1184
 Louttit, C. M., appointment, 59, 83, 891, 916
 Love, E. D., degree, 1237
 Love, E. I., appointment, 153, 988
 leave of absence, 604
 Love, Ruth H., appointment, 203, 1038
 resignation, 1383
 Love, W. J., appointment, 129, 964
 Love, Mrs. W. N., appointment, 242, 1081, 1457
 Lovejoy, E. R., degree, 410
 Loveridge, W. G., member of advisory committee, 1195
 Lovett, G. O., appointment, 303, 1139
 Lovik, Mrs. Madge, appointment, 324, 1162
 Loving, Susan A., degree, 1556
 Lovinger, M. L., certificate, 41
 Low, A. A., appointment, 211, 1190
 Low, F. E., appointment, 1506
 Lowe, A. S., III, degree, 590
 Lowe, J. A., gift, 1219
 Lowe, J. F., appointment, 279, 1116
 Lowe, R. M., degree, 791
 Lowe, W. D., degree, 1577
 Lowenthal, Gloria, appointment, 333, 1175
 Lower, J. L., degree, 1551
 Lowery, J. R., appointment, 140
 declination, 404
 Lowitz, R., degree, 1251
 Lowrie, Mrs. Marjorie P., appointment, 311
 Lowry, Barbara J., degree, 1287
 Lowry, E. E., appointment, 268, 1104
 Lowry, June L., appointment, 332
 Lowum, Mrs. Beverly J., appointment, 265
 Lowum, J. A., degree, 597
 Loy, Mrs. Bernice E., appointment, 303
 Loy, L. J., appointment, 276
 Loy, M. J., certificate, 41
 Lozano, E., degree, 587
 Lozar, Mildred M., degree, 828
 Lubbe, F. R., degree, 1247
 Lubin, J. J., appointment, 355, 1183
 Lubin, S. T., degree, 1572
 Lubinski, C. C., degree, 1250
 LuCarelli, J. L., degree, 1396
 Lucas, J., appointment, 1151
 Lucas, Mrs. Mildred B., appointment, 1095
 Lucas, N. M., degree, 801
 Lucas, Phyllis A., degree, 811
 Lucas, R. P., degree, 1551
 Luce, W. M., appointment, 87, 701, 921
 Lucito, Betty J., degree, 812
 Lucito, L. J., degree, 1249
 Luck, A. J., degree, 596
 Luck, Mrs. Doris J., appointment, 260
 Luck, F. W., appointment, 307, 1173
 Luckmann, W. H., degree, 582
 Lucktenberg, G. H., degree, 1566
 fellowship, 1484
 Lucy, E. S., appointment, 1350
 Ludgin, Mr. and Mrs. E., gift, 551
 Ludicky, F., degree, 1248
 Ludolph, A., certificate, 41
 Ludwig, Charlotte, appointment, 11
 Ludwig, E. W., appointment, 1227, 1446
 Ludwig, Mildred, appointment, 1162
 Luecht, R. F., certificate, 41
 Luesse, C. G., appointment, 279, 1116
 Luethje, H. F., appointment, 314, 1152
 Luhr, G. H., appointment, 311, 1148
 Lukachik, J., Jr., degree, 412
 Lukas Microscope Service, purchase, 30, 374, 612
 Lukasik, Mrs. Marion, appointment, 1155
 Lukasik, T. T., degree, 1572
 Luke, E. D., appointment, 129, 963
 Luke, J. A., degree, 1564
 Luker, R. C., certificate, 842
 Luketich, D. M., degree, 1236
 Lum, P. T. M., degree, 1542
 Lumber, purchase, Agriculture, 439
 Physical Plant, 32, 342, 343, 439, 501, 557, 614, 615, 671, 712, 838, 1206, 1343, 1344, 1360
 Residence Halls, 32, 469
 Lumber and material dealers' short course, contract, 469
 Lumber Dealers Research Council, contract, 560, 1344
 gift, 550
 Lumbermens Mutual Casualty Co., insurance purchased, 32, 501
 Lumpkin, H. K., degree, 597
 Lumpkin, J. H., certificate, 1178
 Lumsden, Mrs. Opal, appointment, 281, 1116
 Lumsden, R. K., appointment, 290, 1126
 Lunchick, M. E., appointment, 134, 970
 Lund, Barbara A. T., degree, 1555
 Lundberg, R. E., degree, 1553
 Lundberg, Shirley R., degree, 1573
 Lundeen, E. E., Jr., degree, 1562
 Lundeen, Evelyn, appointment, 12
 Lundeen, R. T., degree, 1572
 Lundeen, Mrs. Sallie K., appointment, 1132
 degree, 1536
 Lundeen, T. C., degree, 1565
 Lundgoot, Janet K., degree, 1397
 Lundgoot, R. G., degree, 1565
 Lundgren, A. L., degree, 1565
 Lundgren, Dorothy R., degree, 819
 Lundgren, E. F., degree, 594
 Lundgren, H. V., degree, 412
 Lundgren, L., appointment, 1109
 Lundien, E. C., degree, 1245
 Lundman, A. T., appointment, 74, 907
 Lundquist, E. E., degree, 424
 Lundquist, R. E., appointment, 396, 975
 Lundy, C. J., appointment, 353, 1181
 Lundy, Catherine, appointment, 1144, 1152
 Lunnemann, R. L., degree, 585
 Lunseth, Mrs. Jane E., appointment, 320
 Luria, S. E., appointment, 71, 136, 903, 971, 1445
 Luria, Mrs. Zella, fellowship, 1352
 Lurie, J. L., degree, 595, 1390
 Lusinger, Angeline, degree, 785
 Lusk, F. B., appointment, 353, 1181
 Lusk, T. L., certificate, 1338
 Lussman, D. E., appointment, 221, 396, 1058
 Lussman, D. J., degree, 830
 Luster, F. L. G., degree, 1567
 Lustgarten, R. D., degree, 815
 Lustig, H., appointment, 698
 Lustman, S. L., appointment, 1227
 Luther, C. C., appointment, 1453

- Luther, Kathryn L., appointment, 396, 1019
 degree, 582
 Luther, Marilyn M., degree, 1565
 Luther, Mildred M., appointment, 255, 1092
 Luther, R. C., degree, 1399
 Luthi, Barbara A., degree, 807
 Luthringer, Martha E., degree, 410
 Lutsch, J. J., degree, 1395
 Luttier, T. C., degree, 1562
 Lutz, E. E., degree, 1568
 Lutz, J. F., appointment, 357, 1185
 Luvisti, J. P., degree, 810
 Luzzi, F., Jr., degree, 588
 Luzzi, Martha M., degree, 584
 Lybarger, J. M., certificate, 1338
 Lyerson, F. T., degree, 581
 Lykins, J. D., appointment, 1124
 degree, 1568
 Lykins, Marilyn H., degree, 1560
 Lykke, Mrs. Miriam C., appointment, 330,
 1172
 Lykkebak, G. E., degree, 804
 Lyle, J. H., letter, referred to Committee on
 General Policy, 772
 Lyman, E. M., appointment, 132, 872, 966,
 1274
 Lyman, Elizabeth A., degree, 1564
 Lyman, R. S., certificate, 1338
 Lynch, Catherine N., certificate, 842
 Lynch, D. L., appointment, 100, 115, 934, 948
 Lynch, E. D., appointment, 123, 956
 Lynch, Mrs. Harriet, appointment, 305, 1142
 Lynch, J. H. G., appointment, 154, 509, 989,
 1445
 Lynch, L. E., degree, 816
 Lynch, R. J., certificate, 488
 Lynn, G. E., degree, 1556
 Lynn, J., Jr., degree, 824
 Lynn, R. O. L., Jr., degree, 810
 Lynn, Virginia M., degree, 1577
 Lyon, J. L., Co., contract, 865, 1207
 Lyon, L., appointment, 320
 Lyon, Mary F., degree, 825, 826
 Lyon, R. O., appointment, 117, 119, 950, 952
 Lyon, W. F., appointment, 363, 1191
 Lyons, D., appointment, 312, 1150
 Lyons, J. C., appointment, 100, 934
 degree, 1533
 Lyons, J. D., appointment, 917
 Lyons, J. P., degree, 1553
 Lyons, Lois A. M., degree, 1244
 Lyons, Margaret E., appointment, 295, 1131
 Lyons, Mary M., appointment, 364, 1193
 Lyons, Rosemary B., appointment, 1099
 Lyons, W. H., appointment, 290
 Lyons Band Instrument Co., purchase, 671
 Lysell, M. E., certificate, 1329
 Lysiak, E., degree, 1390
 Lythberg, W. C., degree, 821
 Lytle, Myra, degree, 793, 1227
 Lytle, P. D., appointment, 298, 1134
 Lytle, W. F., appointment, 97, 930

 Ma, T. C., degree, 407
 Maas, L., appointment, 396, 1274
 Mabry, J. E., appointment, 1379
 Mabry, W. F., degree, 1571
 MacAdam, Mary L. B., resignation, 404
 Macapanpan, L. C., degree, 1569
 MacArthur, R., degree, 1395
 Macauley, R. A., fellowship, 681, 1484
 Macchione, R. J., degree, 596
 Macdonald, A., Jr., degree, 419
 Macdonald, B. C., degree, 792
 MacDonald, J. A., fellowship, 678, 1481
 MacDonald, Joan T., degree, 1555
 MacDonald, K. H., degree, 1397
 MacDonald, L., degree, 801
 MacDonald, Margaret A., degree, 1564
 MacDonald, Mary P., degree, 1400
 MacDonald, N. L., degree, 802
 MacDonald, Ruth D., degree, 784
 MacDonald, Virginia L., degree, 1566
 MacDonald, W., appointment, 1151
 MacDougall, Phyllis L., degree, 1550
 Macedo, N., degree, 1285
 MacFayden, D. A., appointment, 352, 1180
 Macfarlane, A. T., certificate, 1330
 Macfarlane, D. W., degree, 826, 830
 MacFate, R. P., appointment, 208, 227, 530,
 1188
 MacGregor, J. E., degree, 1546
 MacGregor Lead Co., purchase, 557
 Macha, L., Jr., degree, 1396
 Machamer, C. E., degree, 596
 Machen, Mrs. Alice C., appointment, 314,
 1151
 Machen, R. C., degree, 1558
 Machine Tool Laboratory, name changed, 462
 Machotka, Alice M., degree, 799
 Mack, Genevieve, appointment, 311, 1148
 Mack, Mrs. Helen G., appointment, 1158
 Mack, R. B., fellowship, 679
 resignation, 878
 MacKain, L. H., degree, 1242
 Mackay, R. P., appointment, 205, 1040
 MacKenzie, Audrey H., fellowship, 448
 MacKenzie, R. S., Jr., degree, 1552
 Mackey, O. M., appointment, 267, 1103
 Mackey, W. J., degree, 409
 Mackin, J. E., degree, 1555
 Mackin, Mrs. Martha H., appointment, 244,
 396, 703, 704, 1077, 1083, 1458, 1459
 Mackin, R. J., degree, 802
 Mackin Venetian Blind Co., purchase, 671
 Mackliet, C. A., appointment, 698
 degree, 1391
 Mackowiak, Mrs. Helen G., appointment, 319
 Mackropoulos, Constance D., degree, 1577
 MacLay, Katherine, appointment, 321
 MacLean, Florence M., appointment, 210, 229
 resignation, 878
 MacLean, L., appointment, 211, 1047
 MacLean, Mary C., degree, 1537
 Macleary, D. L., degree, 804
 MacLeay, J. C., degree, 416
 MacLennan, E. L., certificate, 488
 MacLeod, D., degree, 784
 MacMillan, Marilyn, appointment, 260
 MacMurray, Mrs. Shirley W., appointment,
 318
 MacNerland, R. H., degree, 1249, 1574
 Madary, A. V., degree, 815
 Madden, Barbara L., degree, 1399
 Madden, J. C., degree, 806
 Madden, M. M., degree, 1387
 Madden, R. E., degree, 824, 1569, 1574
 Maddox, G. W., degree, 419
 Maddox, J. R., degree, 575
 Maddox, K. E., appointment, 304, 1140
 Maddox, Paula J., degree, 806
 Maddox, W. R., appointment, 278
 Mader, G. E., appointment, 396, 1118
 resignation, 646
 Madgwick, D. E., degree, 1400
 Madison, K. M., appointment, 351, 396, 701,
 1080, 1457
 Madison, M. W., appointment, 95, 114, 119,
 929, 948, 952
 declination, 1233
 Madison, Marcia M., appointment, 209, 530,
 1045
 Madison, Melanie B., degree, 785
 Madow, W. G., appointment, 80, 696, 913
 Madsen, A. N., degree, 577
 Madsen, H. B., degree, 815
 Madsen, P. B., appointment, 300, 1136
 Madsen, R. P., degree, 819
 Madsen, W. E., degree, 828
 Madura, W. P., Jr., degree, 587
 Maeda, Edith, appointment, 1042
 Maechtle, D. M., degree, 1242

- Maercker, I. A., degree, 1251
 Maffris, S., degree, 1577
 Maganini, R. J., degree, 824, 1574
 Magaret, Ann, fellowship, 1231
 Magata, G. J., certificate, 1329
 Magee, D. F., appointment, 203, 1038
 degree, 1569
 resignation, 1353
 Magee, D. R., appointment, 1186
 Magee, G. M., Jr., degree, 1552
 Maggs Bros., Ltd., purchase, 32
 Magid, E. B., degree, 810
 Magill, A. M., degree, 810
 Magill, Mrs. Carol, appointment, 1138
 Magill, Elizabeth M., appointment, 316, 1154
 Magill Agency, purchase, 32
 Maginot, J. J., degree, 588
 Magmer, Mary M., degree, 812
 Magnetic fields, instrument for measurement
 and control, discovery, patent application,
 347
 Magnon, Lucille M., degree, 1284
 Magnor, W. T., certificate, 842
 Magnus, E. S., degree, 1397
 Magnuson, C. D., degree, 597
 Magnuson, C. W., degree, 826
 Magnuson, G. D., degree, 1391
 Magnuson, L. A., degree, 1561
 Magrill, Mrs. Dorothy B., appointment, 292
 Magsamen, Mrs. Bernice, appointment, 1129
 Magsamen, W. W., appointment, 1114
 Maguire, J. T., appointment, 76, 693, 909
 Mahaffey, Anna K., degree, 791
 Mahaffey, J. C., appointment, 256, 1093
 degree, 791
 Mahar, Mary E., degree, 412
 Maher, D. B., appointment, 357, 1186
 Maher, F. T., appointment, 220, 510, 1057
 Maher, R. J., certificate, 771
 Mahon, Mrs. Eunice, appointment, 1144
 Mahon, J., degree, 590
 Mahoney, W. J., degree, 1236
 Mahoney, W. T., & Sons, contract, 763
 addition, 864
 Mahrt, Marjorie R., degree, 810
 Maibenco, E., degree, 1558
 Maiberger, H. J., degree, 597
 Maier, E. A., fellowship, 681
 declination, 683
 Maier, H. A., certificate, 1330
 Maier, R. H., degree, 1539
 Mailing Center, addressing machine, pur-
 chase, 613
 budget, 290, 1126
 package tying machine, gift, 1471
 tabs for addressograph plates, purchase, 30
 Main, Marjorie W., appointment, 181, 698,
 1016, 1454
 Maina, R. A., degree, 1565
 Mainous, B. H., appointment, 77, 694, 910
 Maire, L. E., appointment, 644, 1192
 Maisch, Mrs. Wilma W., appointment, 1101
 Maisto, J., Jr., degree, 813
 Majarakis, J. D., appointment, 214, 644, 1050,
 1478
 Majchrowicz, J. A., appointment, 1274
 Majer, R. F., degree, 828
 Majewski, R. F., degree, 591
 Major, C. F., Jr., degree, 1397
 Major, P. H., certificate, 41
 Major requirements, history of art, 536
 rhetoric and composition, 535
 Majors, W. A., appointment, 271, 1107
 Makart, C., appointment, 510, 1188
 Makemson, C. E., degree, 424
 Maki, W. M., degree, 588
 Makk, L. W., degree, 418
 Maksic, D., appointment, 530, 998, 999
 Makuch, A. L., degree, 806
 Makulec, A., degree, 587
 Malach, R. J., degree, 787
 Malan, R. C., degree, 590
 Malawsky, Ida L., degree, 806
 Malcheff, G. K., degree, 820
 Malcomson, R. W., degree, 1395
 Malda, Edith M., appointment, 212
 Malecki, G. J., fellowship, 680
 declination, 731
 Malek, Mrs. Ruby B., appointment, 1163
 Malevitis, M. G., degree, 814
 Malinsky, R. E., degree, 596
 Malinsky, W. N., degree, 412
 Malkin, E. A., degree, 1555
 Malkus, W. V. R., appointment, 247
 resignation, 479
 Mallary, Diane D., degree, 1556
 Mallary, R. A., degree, 590
 Maller, O., degree, 1558
 Malley, Constance A., appointment, 1060, 1227
 resignation, 1233
 Mallinckrodt Chemical Works, contract, 1464
 gift, 552, 1471
 purchase, 852, 1520
 Mallon, Mary C., appointment, 320, 1159
 Mallory, Arenia C., degree, 407
 Mallory, T. L., certificate, 1329
 Mallow, R. W., degree, 813
 Mallstrom, R. E., degree, 806
 Malm, W. P., appointment, 157, 161, 446,
 991, 996
 leave of absence, 647
 Malmberg, J. H., degree, 583
 Malmgren, W. H., degree, 1548
 Malmstadt, H. V., appointment, 905, 1446
 Malone, A. J., appointment, 216, 218
 degree, 830
 Malone, E. M., degree, 1549
 Malone, Mrs. Gladys, appointment, 1166
 Malone, Helen S., degree, 1537
 Malone, Mrs. Nancy E., appointment, 1126
 Malone, R. R., degree, 794
 Maloney, J. E., appointment, 360, 1188
 Maloney, J. J., Jr., degree, 411
 Maloney, J. P., degree, 806
 Maloney, M. T., certificate, 41
 Maloney, T. R., degree, 1555
 Malott, Helen L., degree, 816
 Malotki, J. W., degree, 813
 Malpractice insurance, Health Service staff,
 premium, appropriation, 434
 Maltz, M. S., degree, 817
 Mammoser, Mary, appointment, 306
 Management, curriculum, revision, 490
 fellows, 680, 1484
 See also Business Organization and Opera-
 tion.
 Mancuso, Mrs. Margie L., appointment, 294
 Manczak, D. G., degree, 419
 Mandel Bros., purchase, 30, 837
 Mandelson, S., degree, 1577
 Mandeville, M. J., appointment, 139, 396, 689,
 974
 Mandrell, W., appointment, 293, 1129
 Mandt, Gertrude, appointment, 10, 1307
 Manfredi, H., appointment, 730, 1048
 Manfredi, H. E., degree, 1577
 Manfredi, R. A., fellowship, 1500
 Mange, F. E., degree, 781
 Manilow, F. B., degree, 806
 Manion, H. G., degree, 796
 Mank, Barbara J., appointment, 262
 Mankau, G. R., degree, 1397
 Manley, E. J., appointment, 160, 994
 Manley, H. W., appointment, 257, 1093
 Manley, Mrs. Margaret T., appointment, 1099
 Mann, Mrs. Carolyn V., appointment, 296
 Mann, Deonne, degree, 812
 Mann, D. K., degree, 591
 Mann, G. A., degree, 810
 Mann, J. D., appointment, 291
 Mann, J. R., certificate, 842

- Mann, K. M., appointment, 102, 137
 declination, 404
 Mann, L. G., degree, 451
 Mann, Mary S., degree, 1550
 Mann, O. D., Jr., degree, 821
 Mann, R. L., degree, 804
 Mann, S., degree, 581
 Mann, W. C., appointment, 1227
 degree, 791
 Manner, G., appointment, 82, 916
 Mannhardt, Billie J., degree, 1555
 Mannheim, B. F., fellowship, 1352, 1486
 Manning, G. B., degree, 420
 Manning, J. B., degree, 597
 Manning, James J., degree, 787
 Manning, John J., appointment, 355, 1184
 Manning, Mrs. Martha W., appointment, 258,
 1095
 Manning, T. A., degree, 1572
 Manno, Antoinette, appointment, 320, 1159
 Manometer, discovery, patent rights, release,
 1325
 Manpower problems, emergency, effect on
 higher education, report, 516
 Manring, Jessie W., degree, 1543
 Mansfield, D. W., degree, 1251
 Mansfield, J. V., appointment, 243, 703, 1082,
 1458
 Mansfield, M. E., appointment, 93, 114, 120,
 163, 927, 947, 953, 998
 Mansfield, Mrs. Martha C., appointment, 1095
 Mansfield, R., contract, 1462
 Manso, L., painting, purchase, 711
 Manson, R. L., degree, 1398
 Manthei, E. C., engineering services, Agricul-
 tural Engineering Building addition, 836
 Auditorium sprinkler system, adjustment,
 1495
 minor construction projects, 608, 610
 Stock Pavilion, 836
 Talbot Laboratory addition, 849
 water reclamation improvements, 529
 Manthei, F. M., contract, 1521
 Mantles, General Chemical Stores, purchase,
 671
 Mantynband, R. A., degree, 1398
 Manuel, B. A., appointment, 280, 1116
 Manuell, Jean H., degree, 1389
 Manus, G. C., degree, 1248
 Manz, J. F., certificate, 1330
 Mapother, D. E., appointment, 132, 967
 Map projector, Geography, purchase, 710
 Mara, W. F., degree, 1242
 Maramba, L. R., degree, 1570
 fellowship, 1315
 Marans, Mrs. Jacqueline, appointment, 328
 Maras, C. C., degree, 1571
 Marbarger, J. P., appointment, 210, 224, 361,
 1046, 1061
 Marberry, C. E., appointment, 691
 fellowship, 679
 Marberry, Mrs. Dorothy S., appointment, 1112
 Marc, A., appointment, 219, 1055
 March, A. F., degree, 1399
 March, J. F., appointment, 1184
 Marchant Calculating Machine Co., purchase,
 853
 Marchello, Joretta A., degree, 1550
 Marchetti, Mildred, appointment, 10, 1308
 Marchetti, P. V., appointment, 83, 698, 917,
 1454
 Marchisio, M., degree, 820
 Marcus, Alma, fellowship, 513, 776
 Marcus, E. Elizabeth P., leave of absence, 574
 resignation, 1233
 Marcus, Iris J., degree, 820
 Marcus, F., leave of absence, 779
 Marcus, P. A., degree, 588
 Marcus, P. M., appointment, 132, 477, 968
 Marcus, R. E., appointment, 207, 396, 446,
 1043
 Marder, S. H., degree, 1398
 Marek, F. J., appointment, 308, 1145
 Marek, I. L., degree, 815
 Marek, J. J., certificate, 842
 Marek, V. L., degree, 1250
 Marek, Warren, degree, 1563
 Marek, Wesley, degree, 1563
 Marek, W. T., degree, 1250
 Margoles, Jean, degree, 592
 Margolin, Shirley M., degree, 817
 Margolis, J., appointment, 1187
 Margolis, Mildred, appointment, 319, 1158
 Margraff, J., degree, 828
 Marich, J. C., degree, 804
 Marien, A. E., appointment, 139
 Marien, Camille D., degree, 1242
 Marienfeld, C. J., appointment, 446, 1045,
 1423, 1478
 Marimon, Barbara, degree, 1555
 Marinelli, Anne, appointment, 183, 1018
 Marinelli, Ramona, appointment, 309, 1146
 Marinello, S. J., certificate, 41
 Marino, J. J., appointment, 674, 1189
 Marinopoulos, J. M., degree, 1552
 Marion, P., degree, 424
 Marion, W. M., degree, 590, 1537
 Maris, Mrs. S. Lucille, appointment, 286
 Markel, J., degree, 586
 Marketing, curriculum, revision, 490
 fellows, 680
*See also Business Organization and Opera-
 tion.*
 Marketing book, printing, 440
 Marketing milk, study, contract, 1207
 Markfield, S. B., degree, 591
 Markham, R. L., degree, 1555
 Markle, Mrs. Delores A., appointment, 261
 Markle, J. A., degree, 820
 Markle, John and Mary R., Foundation, gift,
 553, 1216
 Markovitz, A., degree, 1539
 Markovitz, M., appointment, 1184
 Marks, J. E., degree, 801
 Marks, J. R., degree, 1572
 Marks, K. L., degree, 1558
 Marks, Margaret A., degree, 1560
 Marks, Mrs. Nancy, appointment, 1143
 Marks, Patricia J., degree, 1556
 Marks, R. C., appointment, 331
 Marks, Rachel B., appointment, 181, 1016
 leave of absence, 479
 Marksberry, Mary L., appointment, 396
 resignation, 732
 Markwalder, D. W., degree, 797
 Markwell, J. P., degree, 1549
 Marlatt, W. K., degree, 587
 Marlowe, Henrietta, appointment, 328, 1170
 Marlowe, Mrs. Rachel C., appointment, 288,
 1124
 Marme, M. R., degree, 1570
 Marnul, J. E., degree, 1561
 Marousek, M. A., degree, 1574
 Marovich, G. M., degree, 1547
 Marquardt, Barbara A., degree, 1564
 Marquardt, J. F., degree, 804
 Marquette Paper Corp., purchase, 557
 Marquis, J. N., degree, 421
 Marr, J. A., degree, 581
 Marr, Lillian, appointment, 286, 1123
 Marr, Velma H., degree, 785
 Marriott, Clarice, appointment, 317, 1155
 Marsden, J. T., degree, 804
 Marsh, E. R., certificate, 488
 Marsh, J. O., Jr., appointment, 242, 510, 1081
 Marsh, J. R., degree, 585
 Marsh, Mary E., degree, 807
 Marsh, N. C., appointment, 279, 1118
 Marsh, R., appointment, 1010
 Marsh, R. R., appointment, 271, 1107
 Marsh, Ruby C., degree, 1550
 Marshak, Blossom R., degree, 451
 Marshall, A. E., degree, 1571
 Marshall, B. L., appointment, 279, 1115

- Marshall, Beverly A., degree, 789
 Marshall, C., degree, 798
 Marshall, C. W., appointment, 1227
 Marshall, Edith M., appointment, 184, 1019
 Marshall, H. F., degree, 418
 Marshall, Helen R., appointment, 872, 944,
 951
 Marshall, J. M., Jr., resignation, 46
 Marshall, J. R., degree, 1549
 Marshall, M. R., appointment, 396, 446
 Marshall, P. H., appointment, 571
 degree, 797
 Marshall, W. A., appointment, 358, 1187
 Marshall, W. H., appointment, 271
 degree, 1572
 fellowship, 401, 877
 Marshall, W. J., Jr., degree, 1558
 Marshall, W. W., III, degree, 809
 Marshall Field & Co., purchase, 1466, 1521
 Marshfield Avenue, building at 821-23 and
 825, wrecking, contract, 657, 1207
 building at 829-833 South, tuck pointing,
 contract, 707
 Marshky, Mrs. Emma L., appointment, 304,
 1140
 Marston, W. J., degree, 792
 Mart, Mrs. Dorothy J., appointment, 872,
 1088, 1458
 Martell, D. W., degree, 1546
 Martell, Marilyn A., degree, 1550
 Martello, A. C., degree, 810
 Martello, V. J., degree, 815
 Marten, J. P., degree, 829
 Marten, Lynn T., degree, 806
 Martens, Gertrude R., degree, 1250
 Martens, L. A., degree, 1237
 Martenson, J. R., degree, 798
 Martin, A. E., degree, 1557
 Martin, Alice E. R., degree, 1543
 Martin, Alice M., appointment, 185, 510, 730,
 1020
 resignation, 778
 Martin, Anna M., degree, 592
 Martin, Betty J., appointment, 270
 Martin, C. F., appointment, 1126
 Martin, C. G., appointment, 355
 Martin, C. M., Jr., degree, 829
 Martin, Cynthia J., degree, 1396
 Martin, D. C., degree, 792
 Martin, D. J., degree, 1242
 Martin, D. M., appointment, 44
 degree, 796
 Martin, D. R., appointment, 72
 Martin, E. R., certificate, 1338
 Martin, E. W., appointment, 271, 1107
 Martin, G. B., degree, 824
 Martin, George E., appointment, 139, 396, 975
 resignation, 1383
 Martin, Gerald E., degree, 1248
 Martin, Gordon E., appointment, 130, 1274,
 1379
 Martin, G. F., degree, 590
 Martin, I., degree, 1540
 Martin, James, appointment, 263
 Martin, Jose, appointment, 1193
 Martin, J. D., degree, 1565
 Martin, J. E., degree, 577
 Martin, Mrs. Lois L., appointment, 1102, 1114
 Martin, M., Jr., appointment, 1115
 degree, 587
 Martin, M. B., appointment, 154, 689, 989
 Martin, Marguerite L., appointment, 10, 1307
 Martin, Marian H., appointment, 288, 1124
 Martin, Mary J., appointment, 264, 1100
 Martin, Mrs. Millicent V., appointment, 110,
 695, 943
 Martin, N. D., fellowship, 777
 Martin, N. M., appointment, 396
 Martin, R. E., degree, 1239
 Martin, R. J., appointment, 129, 603, 954, 964
 Martin, Ruth P., degree, 784
 Martin, W. E., appointment, 44, 151, 692,
 980, 1448
 Martin, W. J., degree, 594
 Martin, W. K., degree, 597
 Martin, W. O., appointment, 298, 1135
 Martin, W. R., fellowship, 401, 877
 Martin, W. T., degree, 420
 Martinez, A. T., degree, 1565
 Martin Office Machine Co., purchase, 853
 Martinson, E. J., degree, 806, 1536
 Martinson, V. Jean, appointment, 331
 Martinucci, A., appointment, 359
 Martinucci, Mrs. Livia M., appointment, 317
 Martz, Elizabeth A., fellowship, 1484
 resignation, 1502
 Martz, Ruby V., appointment, 183, 644, 1018
 degree, 1543
 resignation, 404
 Marvel, C. S., appointment, 72, 905
 Marvin Envelope Co., purchase, 466, 467, 614
 Marx, A. B., degree, 1541
 Marx, B. H., degree, 454
 Marx, D. L., certificate, 1329
 Marx, E. I., appointment, 1453
 Marx, J. W., appointment, 131, 966
 Marx, R. E., degree, 819
 Marx, R. L., appointment, 280
 Marzano, Celeste, appointment, 317, 1155
 Marzano, Florence R., degree, 812
 Marzec, Marie W., degree, 1251
 Masek, F. J., degree, 1400
 Masek, Mrs. June M., appointment, 1099
 Maseng, P., degree, 586
 Mashaney, R. L., degree, 798
 Mashek, W. J., Jr., degree, 588
 Maskalunas, L. A., degree, 1394
 Maslow, W. C., degree, 826
 Mason, A. C., fellowship, 1483
 Mason, Adele, degree, 420
 Mason, C. C., appointment, 360, 1188
 Mason, Donna B., appointment, 276
 Mason, Estella, appointment, 1148
 Mason, H. W., degree, 419
 Mason, Mrs. Harriet L., appointment, 293,
 1132
 Mason, Helen E., degree, 1242
 Mason, J. E., degree, 1242
 Mason, L. H., fellowship, 678, 1481
 declination, 1487
 Mason, Mrs. Lucille E., appointment, 258
 Mason, Mrs. Maxine A., appointment, 308,
 1144
 Mason, R. H., degree, 1563
 Mason, T. M., degree, 1571
 Masor, S., degree, 826
 Mass, H. M., degree, 814
 Massa, Louise, appointment, 321
 Massard, J. M., appointment, 873, 960
 degree, 1540
 Massey, B. H., degree, 451
 Massie, G. E., appointment, 107, 114
 resignation, 573
 Massler, M., appointment, 215, 218, 1051,
 1057
 leave of absence, 733
 Masslich, Bonnie R., degree, 1560
 Mast, E., appointment, 1528
 Mastandrea, E. J., degree, 596
 Masterman, Elizabeth A., degree, 815
 Masters, W. D., degree, 576
 Master's degree, second, residence and credit
 requirements, 489
 Masterson, J. M., degree, 591
 Mastin, K. A., degree, 1395
 Mastny, L. F., degree, 418
 Mastorakos, H. N., degree, 1399
 Mastro, Charlotte, appointment, 323, 1165
 Matacek, G. F., Jr., degree, 1396
 Mataya, J. L., degree, 801
 Matayoshi, Yoneko, appointment, 320, 1158
 Mateo, Grace H., appointment, 8
 Materia Medica and Therapeutics, *See Ap-*
 plied Materia Medica and Therapeutics.
 Mates, B., appointment, 430
 Mateyka, Martha R. A., degree, 1236

- Matheyn, Grace A., degree, 806
Mathematics, appropriations, balances reappropriated, 1196
 budget, Chicago Undergraduate Division, 243, 332, 1082, 1174
 summer session, 702, 1457
 Urbana-Champaign departments, 80, 266, 913, 1103
 summer session, 606, 1451
 calculating machines, appropriation, 762
 purchase, 853
 fellows, 680, 1484
 Matheny, W. G., appointment, 84, 396, 917
 Mathers, L. E., member of advisory committee, 1194, 1195
 Mathes, Mary J., degree, 1555
 Mathes, P. G., degree, 819
 Matheua, Bernetha A., degree, 800
 fellowship, 1500
 Mathews, D. K., appointment, 160
 Mathews, Mrs. Daisy L., appointment, 1093
 Mathews, E. E., appointment, 289
 Mathews, E. G., appointment, 67, 75, 900, 908
 Mathews, F. C., degree, 597
 Mathews, Mrs. Helen, appointment, 273
 Mathews, J. M., appointment, 82, 698, 915
 Mathews, W. R., gift, 1468
 Mathews Avenue, closing, 463
 property at 404 South, equipment, appropriation, 470
 property at 608 South, remodeling, appropriation, balance reappropriated, 1198
 property at 708 South, gas-oil burner, contract, 668
 name, 608
 purchase, 458
 remodeling, appropriation, balance reappropriated, 1198
 contract, adjustment, 713, 770, 865, 1209, 1306, 1328, 1345
 Mathewson, J. J., degree, 824, 1573
 Mathewson, R. H., appointment, 1448
 Mathias, Bertha E., degree, 1244
 Mathias, M. R., degree, 1574
 Mathis, Mrs. Elsa B., appointment, 302, 1460
 Mathis, Esther A., degree, 407
 Mathis, Ethel, appointment, 311
 Mathis, G. R., degree, 1391
 Mathis, India, appointment, 262, 1098
 Mathis, R. E., degree, 1552
 Mathis, Shirley, appointment, 328, 1170
 Mathur, P. N., degree, 1391
 Matlin, S., degree, 826
 Matlock, Mrs. Dorothy, appointment, 303, 1139
 Matlock, K. J., certificate, 41
 Matlock, T. C., appointment, 290
 Matney, Anna F., degree, 420
 Matovich, Elsie, appointment, 329, 1171
 Matsel, T. H., degree, 1237
 Matsuda, Y., degree, 802
 Matsuk, Agnes A., appointment, 1060, 1227, 1478
 Matsukawa, Michiya, degree, 1237
 Matsumoto, F. M., degree, 1572
 Matsushita, Yukio, degree, 1546
 Matsuura, Mrs. Sally, appointment, 1096
 Matta, painting, purchase, 711
 Mattausch, A. J., degree, 802
 Mattenson, M., degree, 797
 Matteo, D., appointment, 330, 1172
 Materna, R. B., Jr., certificate, 771
 Matteson, Mrs. Bess G., appointment, 1118
 Matteson, M. R., appointment, 87, 921, 1456
 Matteson, R. J., degree, 1250
 Matteson, T. L., appointment, 271, 1107
 Matthei, E. H., degree, 818
 Matthews, Edith A., appointment, 182, 697, 1017, 1227, 1453
 Matthews, Elizabeth W., degree, 1543
 Matthews, J. W., appointment, 93, 97, 926, 931
 Matthews, M. M., degree, 816
 Matthews, S. E., Jr., degree, 1543
 Matthews, V. E., degree, 809
 Matthews, W. J., appointment, 270
 degree, 417
 Matthews, W. T., appointment, 273, 1110
 Matthias, W., Jr., degree, 1546
 Mattix, W., degree, 793
 Mattlin, Dolores J., appointment, 1097
 Mattran, G. C., certificate, 535, 1338
 withheld, 664
 Mattson, R. H., degree, 575
 Matusak, L. R., appointment, 1187
 Matz, E. G., degree, 594
 Matz, J. L., degree, 806
 Matzkin, L. L., appointment, 359, 1188
 Mauk, Mary E., appointment, 333
 Mauk, Mrs. Mary F., appointment, 285, 1121
 Mauksch, H. O., appointment, 674
 Mauksch, Ingeborg G., appointment, 9
 Maunder, Mrs. Betty J., appointment, 294
 Maunder, D. T., degree, 450
 Mauney, Mrs. Clarice, appointment, 328, 1169
 Maurer, E., degree, 1242
 Maurer, J. A., Inc., purchase, 500, 558
 Maurer, R. J., appointment, 132, 967
 Maurice, C. G., appointment, 216, 571, 644, 1053
 Maury, Mrs. Jean H., appointment, 240, 396
 Mautz, R. K., appointment, 139, 690, 974, 1445
 declination, 1502
 Mauzey, A. J., appointment, 206, 1041
 Maverick, A. L., degree, 1240
 Mawhinney, E. A., fellowship, 513, 682
 Maxey, Bessie A., degree, 1536
 Maxey, E. D., appointment, 260
 Maxey, F. D., degree, 1401
 Maxey, G. W., appointment, 259, 1095
 degree, 1286
 Maxfield, D. K., appointment, 168, 250, 1004, 1089
 Maxson, D. R., appointment, 289, 698
 Maxwell, C. L., resignation, 46
 Maxwell, D. E., degree, 1570
 Maxwell, Dorothy L. G., degree, 1244
 Maxwell, Grace D., degree, 1556
 Maxwell, H. L., degree, 1549
 Maxwell, L. C., appointment, 1136
 Maxwell, Mary L., appointment, 277, 1113
 Maxwell, W. E., appointment, 1096
 May, C. D., degree, 818
 May, E. B., Jr., degree, 1396
 May, J. C., degree, 818
 May, Marian C., degree, 1389
 May, P. J., discharge, 726
 hearing committee, 605
 report, 727
 May, R. E., degree, 1286
 May, Raymond J., degree, 1250
 May, Russell J., degree, 810
 Mayeda, Mrs. Monna R., appointment, 1127
 Mayer, J. B., degree, 420
 Mayer, M. Eileen, appointment, 265, 1101
 Mayer, Maxine E., appointment, 294, 1130
 Mayer, P. J., degree, 587
 Mayer, R. W., appointment, 141, 976, 1447
 Mayers, L. R., degree, 597
 Mayewaki, D. J., degree, 1558
 Mayhew, Mary E., degree, 454
 Maylath, Elsie E., degree, 1400
 Maynard, D. E., appointment, 446, 1184
 Maynard, Zollic M., degree, 416
 Mayne, R. W., degree, 1400
 Maynor, L., appointment, 1111
 Mayotte, H. F., degree, 1563
 Mayr, Dolores F., degree, 806
 Mays, A. B., appointment, 146, 602, 982, 1447
 Mays, Evelyn L., appointment, 1122
 Mays, G. W., Jr., degree, 421
 Mays, J. F., degree, 587
 Mazor, S. B., degree, 1548

- Mazur, E. T., Jr., degree, 1567
 Mazur, G. J., certificate, 42
 Mazur, M. M., degree, 1249
 Mazura, J. J., degree, 1397
 McAlexander, R. H., fellowship, 1500
 declination, 1502
 McAlister, K. C., degree, 785
 McAllister, Lois G., appointment, 1100
 McAllister, R. F., Jr., degree, 1285
 McAllister, W. G., appointment, 83, 698, 916
 McAlpine, Mrs. Gertrude, appointment, 311,
 1146
 McAnally, A. M., appointment, 167, 182
 resignation, 1233
 McArdle, Beverley J., degree, 1561
 McArthur, E. Maxine, appointment, 644, 1040
 resignation, 1233
 McArthur, S. W., appointment, 362, 1191
 McArthur, Mrs. Walleah, appointment, 181
 McCarty, C. R., appointment, 259, 1096
 McAtee, J. C., degree, 583
 McAvoy, W. C., appointment, 76, 396, 873,
 909
 McBlaine, H. J., Jr., degree, 592
 McBride, D. F., appointment, 355, 1184
 leave of absence, 647
 McBride, Edith J., appointment, 297, 1133
 McBride, M. T., appointment, 265, 1101
 McBride, W. H., Jr., degree, 829
 McCabe, J. P., Jr., degree, 1549
 McCabe, Virginia A., degree, 806
 McCaffrey, J., appointment, 325, 1167
 member of advisory committee, 1196
 McCain, G., degree, 419
 McCain, G. H., degree, 410
 McCain, Mrs. Janet M., appointment, 260,
 1096
 McCall, B. C., appointment, 244, 510, 703,
 1083, 1458
 McCall, D. W., degree, 1285
 McCall, W. H., appointment, 1098
 McCallum, Mrs. Jean, appointment, 1155
 McCalman Construction Co., bid, 26
 McCann, J. B., degree, 451
 McCann, Mrs. Marie, appointment, 312
 McCann, P. J., certificate, 771
 McCarron, J. T., degree, 1567
 McCarron, Mary M., appointment, 477, 1089
 McCartan, W. M., degree, 1236
 McCarthy, Cecelia, appointment, 185, 1020
 McCarthy, D. F., degree, 805
 McCarthy, James J., certificate, 1507
 McCarthy, John J., degree, 820
 McCarthy, J. J. F., degree, 820
 McCarthy, J. R., degree, 424
 McCarthy, P. R., appointment, 571
 degree, 582
 resignation, 878
 McCarthy, R. C., degree, 797
 McCartney, F. J., appointment, 278, 1114
 McCarty, D. K., degree, 796
 McCarty, Joanne, degree, 820
 McCarty, Mary S., degree, 1546
 McCarty, Mrs. Vera C., appointment, 281,
 1117
 McCasey, Virginia B., degree, 1541
 McCaskill, D., appointment, 356, 1184
 resignation, 1383
 McCaskill, O. L., appointment, 164, 1000
 McCate, Jane, appointment, 1164
 McCaughey, Margaret A., degree, 806
 McCaughey, P. C., degree, 821
 McClain, C. B., degree, 1400
 McClay, C. H., appointment, 129, 696, 964,
 1528
 McCleary, G. L., appointment, 873, 997
 degree, 595
 resignation, 1316
 McCleary, L. E., appointment, 1274
 degree, 412
 McCleish, W. R., degree, 588
 McClellan, Betsy B., degree, 590
 McClellan, Mrs. Eileen G., appointment, 1119
 McClellan, Mrs. Emilie F., appointment, 333
 McClellan, J. E., Jr., appointment, 396
 fellowship, 679, 1482
 McClellan, J. F., fellowship, 513, 682
 McClelland, A. L., degree, 450
 McClintick, R. J., degree, 1553
 McClintock, I. R., degree, 581
 McClinton, Elvie, appointment, 306, 1142
 McClory, Mary A., degree, 582
 McCloy, R. W., appointment, 122, 688, 956
 McClure, P. G., certificate, 488
 McClure, L. W., appointment, 166, 695, 1002
 McClure, M. T., appointment, 81, 914
 McClure, R., degree, 593
 McClure, R. A., degree, 1552
 McClure, R. E., appointment, 873, 1227, 1528
 degree, 1243
 McClurg, Ruth J., appointment, 280, 1116
 McClusky, V. G., degree, 587
 McCollough, F., Jr., appointment, 690
 degree, 1388
 McCollum, J. P., appointment, 111, 945
 McCole, H. A., Jr., degree, 412
 McConaha, Ruth E., appointment, 1108
 McConnell, Anna L., fellowship, 680
 resignation, 1280
 McConnell, C. R., degree, 785
 McConnell, Irene B., degree, 1543
 McConnell, J. L., appointment, 141, 873, 976,
 1447
 leave of absence, 1408
 McConnell, Madeleine, appointment, 8
 McConnell, W. J., degree, 1546
 McConnell, W. R., degree, 1541
 McCord, Alenia B., degree, 421
 McCord, Beverly B., degree, 798
 McCord, C. J., member of advisory committee,
 1195
 McCorkle, J. E., degree, 789
 McCormack, F., purchase, 376
 McCormack, L. H., Jr., degree, 806
 McCormick, Mrs. Grace M., appointment, 1112
 McCormick, M. H., degree, 575
 McCormick, P. F., degree, 810
 McCormick, T. P., degree, 1552
 McCormick, Viola R., appointment, 276
 McCormick, W. W., appointment, 1227
 resignation, 1233
 McCown, Mrs. Della R., appointment, 281,
 1117
 McCoy, A. D., appointment, 1379
 McCoy, D. E., appointment, 694, 909
 McCoy, L. D., certificate, 1338
 McCoy, R. E., appointment, 179, 186, 1014,
 1021
 degree, 415
 McCoyne, J. C., degree, 590
 McCracken, Barbara S., degree, 596
 McCracken, R. E., Jr., degree, 596
 McCracken, T. J., certificate, 41
 McCray, R. M., degree, 1574
 McCrimmon, J. M., appointment, 74, 907
 McCue, E. J., certificate, 1329
 McCulley, D. E., appointment, 257, 1094
 McCulley, Mrs. Eileen B., appointment, 1101
 McCulloch, H., appointment, 360, 1189
 McCulloch, R. L., degree, 422
 McCulloch, W. S., appointment, 211, 361,
 1046, 1047
 resignation, 1502
 McCullough, Mrs. Dorothy, appointment, 328,
 1170
 McCullough, Helen E., appointment, 109, 116,
 943, 949
 McCullough, Nancy A., degree, 592
 McCullough, Patricia A., appointment, 275
 McCullough, T. G., degree, 802
 McCullough Farm, appropriations, balances re-
 appropriated, 37, 39
 demolition, contract, 1264
 drainage ditch, construction, contract, 1305

- McCullough Farm, cont'd
 farm machinery storage shed, repair, appropriation, 1301
 fence, purchase, 440
 house, sale, 661
 purchase, final payment, 349
 appropriation, 1340
 tree plantation, development, 1463
- McCumber, R. R., degree, 1567
 McCurdy, W. H., Jr., degree, 1281
 McCutchan, H. C., degree, 1568
 McDade, R. H., appointment, 271, 1107
 McDanel Refractory Porcelain Co., purchase, 558
 McDaniel, Elizabeth L., degree, 453
 McDaniel, Gertrude K., degree, 1396
 McDaniel, I. N., degree, 1542
 McDaniel, J. C., appointment, 351, 396, 945, 951
 McDaniel, M. E., appointment, 258
 McDaniels, H. E., appointment, 361, 1191
 McDaris, R. A., degree, 802, 1542
 McDermitt, P. R., degree, 1250
 McDermott, J. A., letter, television facilities, 1222
 McDermott, J. H., degree, 817
 McDermott, J. K., appointment, 1337
 McDermott, M. N., fellowship, 1485
 declination, 1487
 McDivitt, J. F., degree, 792
 McDonald, Anna J., degree, 1242
 McDonald, C. J., degree, 818
 McDonald, H. M., member of advisory committee, 1195
 McDonald, J. D., degree, 815
 McDonald, James Edward, appointment, 181, 1016
 McDonald, James Edward, appointment, 358, 1042
 McDonald, J. H., appointment, 1193
 McDonald, J. J., certificate, 488
 McDonald, J. L., degree, 821
 McDonald, Joan T., degree, 800
 McDonald, L. E., Jr., appointment, 1528
 McDonald, R. F., certificate, 41
 McDonald, R. K., degree, 804
 McDonald, R. W., degree, 1548
 McDonald, V. J., appointment, 1227, 1478
 McDonald, W. L., Jr., degree, 821
 McDonald, W. S., degree, 795
 McDonell, Ita R., appointment, 10, 1308
 McDonnell, Helen, appointment, 280, 1116
 McDougal, T. C., appointment, 357
 resignation, 573
 McDowell, A. J., appointment, 156, 157, 697, 991, 992, 1452
 McDyer, N. T., degree, 1558
 McDowd, H. B., appointment, 245, 702, 1084
 McElhone, F. H., certificate, 1329
 McElligott, Mrs. Josephine, appointment, 316
 McElroy, A. D., appointment, 571, 1478
 McElroy, D. L., appointment, 396, 1274
 McElroy, R. E., degree, 826
 McElroy, R. V., contract, 1305
 McElwee, E. Helen, appointment, 1129
 McEnery, J. T., degree, 810
 McEnery, P. T., appointment, 334, 1176
 McEniff, Patricia, appointment, 327, 1169
 McEvoy, R. H., appointment, 141, 691, 977
 resignation, 1502
 McEvoy, R. J., appointment, 123
 resignation, 278
 McEwen, W. E., appointment, 1446
 McFadden, Mary, appointment, 320
 McFall, Lo Anna R., appointment, 261
 McFarland, H. R., degree, 1549
 McFarland, Violet D., degree, 412
 McFarlane, J. E., fellowship, 680, 1483
 McFeron, D. E., appointment, 44, 129, 696, 964, 1452
 McFerrin, J. B., degree, 793
- McGabe, H. R., appointment, 298, 1134
 McGann, Katherine, appointment, 317, 1155
 McGarry, D. J., degree, 584
 McGarry, H. Isabelle, appointment, 357, 1186
 McGarry, Mrs. Nancy S., appointment, 60
 McGarry, T. J., certificate, 430
 McGarvey, B. R., degree, 1284
 McGath, Doris B., appointment, 1112
 McGaughey, Joda L., appointment, 110, 117
 resignation, 683
 McGee, H., appointment, 273, 1110
 McGee, S. W., degree, 1553
 McGhee, J. R., appointment, 153, 988
 leave of absence, 532
 McGhee, R. E., appointment, 281, 1117
 McGill, J. N., appointment, 1109
 McGinley, L., certificate, 1338
 McGinn, Mrs. Frances M., appointment, 314, 1150
 McGinn, G. R., degree, 1251
 McGinnis, R. K., degree, 821
 McGirk, J. R., degree, 1400
 McGirk, N. R., degree, 1562
 McGlashon, D. W., degree, 783
 McGlone, Betsy S., degree, 1558
 McGlone, J. L., appointment, 1227
 degree, 424
 McGlothlin, Margaret P., appointment, 92, 926, 948
 leave of absence, 406, 1235
 McGovern, Frances M., degree, 1567
 McGovney, Ona E., degree, 1238
 McGrath, C. D., appointment, 355, 1184
 McGrath, Mrs. Eleanor, appointment, 1126
 McGraugh, H. H., degree, 821
 McGraw, D. R., degree, 1561
 McGreevy, Carrie, appointment, 1124
 McGregor, G. W., degree, 1391
 McGregor, J. C., appointment, 84, 699, 918, 1454
 McGrew, Elizabeth A., appointment, 208, 229, 1044, 1068
 McGuigan, H. A., appointment, 209, 1045
 McGuire, Blanche B., appointment, 242, 702, 873, 1081
 McGuire, C. A., appointment, 281, 1117
 McGuire, Mrs. Daisy, appointment, 320, 1159
 McGuire, E. K., degree, 581
 McGuire, J. T., certificate, 1329
 McGuire, K. R., degree, 1246
 McGuire, Rose E., degree, 412
 McHarry, Liesette J., appointment, 147, 149, 692, 980, 1448
 McHenry, A. M., degree, 1565
 McHenry, K. W., Jr., degree, 808
 McHenry, Mrs. Rixie M., appointment, 1098
 McHugh, J., Construction Co., Inc., contract, 650, 1312
 McIlhenny, Cynthia S., degree, 423
 McIlrath, K. L., degree, 585, 1387
 McIlrath, Patricia, appointment, 86, 699, 774, 920
 McInnes, Elizabeth S., appointment, 1314
 McIntire, J. R., degree, 822, 1571
 McIntosh, F. E., degree, 1561
 McIntosh, V. C., appointment, 282
 McIntyre, D. C., degree, 1396
 McIntyre, W. B., appointment, 298, 1134
 McKaig, Nancy, appointment, 87
 McKay, Jean, degree, 1555
 McKay Contractors, contract, 1324
 McKeague, R. J., degree, 818
 McKean, B. L., degree, 1549
 McKeand, I. J., degree, 1539
 fellowship, 731, 1529
 McKee, C. T., degree, 424
 McKee, Mrs. Jeanette L., appointment, 265
 McKee, Mary A., appointment, 109, 119, 942, 952
 McKee, R. V., member of advisory committee, 365, 1195
 McKeever, Mrs. Madrigale, fellowship, 402

- McKenney, J. H., degree, 421
 McKenzie, J. L., certificate, 1329
 McKenzie, Kathryn O., degree, 1576
 McKenzie, Mrs. Rosalind D., appointment, 287, 1124
 McKenzie, W. E., appointment, 278, 1114
 McKeown, Mrs. Marie P., appointment, 477
 resignation, 732
 McKeown, Marilyn H., degree, 583
 McKey, Beula, appointment, 109, 115, 942, 948, 1227
 McKibben, G. E., appointment, 93, 117, 510, 927, 950
 McKie, E. C., degree, 1556
 McKiernan, F. P., degree, 410
 McKinley, D. L., degree, 452
 McKinley, Dorothy J., degree, 800
 McKinley, Elizabeth, member of advisory committee, 563
 McKinley Hospital, budget, 66, 262, 809, 1099
 equipment and maintenance, funds from Clark estate, 709
 fire protection, evacuation signal system, contract, 344
 sprinkler system, contract, 345
 hospital malpractice liability insurance, purchase, 501
 parking area and drive, surfacing, contract, 26
 sheets and pillowcases, purchase, 1416
 water softener equipment, contract, 714
 McKinley Memorial Presbyterian Church, use of Auditorium, request, 372
 McKinney, E. R., Jr., degree, 803
 McKinney, G. W., appointment, 1227, 1455
 McKinney, June E., appointment, 289, 1126
 McKinney, J. S., degree, 1542
 McKinney, Sylvia, appointment, 1150
 McKinney, W. E., Jr., degree, 417
 McKinsey, J. W., fellowship, 676
 declination, 732
 McKinzie, J. F., degree, 422, 797
 McKinzie, J. W., degree, 1558
 McKirgan, Mary L., appointment, 1126
 McKittrick, P. S., fellowship, 678
 McKnight, Barbara L., degree, 807
 McKune, J. P., degree, 804
 McLachlan, N. W., appointment, 873, 960
 McLafferty, C. L., certificate, 1329
 McLain, D. D., Jr., degree, 1550
 McLain, W. D., Jr., degree, 1249
 McLane, E. A., degree, 412
 McLaughlin, C. A., appointment, 873, 921
 degree, 584
 McLaughlin, H. C., Jr., degree, 1549
 McLaughlin, H. M., degree, 826
 McLaughlin, J. R., appointment, 357
 resignation, 573
 McLaughlin, Joyce W., degree, 800
 McLaughlin, K. D., degree, 821
 McLaughlin, L. P., degree, 597
 McLaughlin, Mrs. Lellia S., appointment, 184, 1019
 McLaughlin, Mrs. Marion W., appointment, 1292, 1451
 McLaughlin, R. E., degree, 1401
 McLaughlin, Roberta J., appointment, 317, 1155
 McLaughlin, W. W., appreciation of services, resolution, 642
 member of advisory committee, 1194
 member of committee to meet with Senator Peters about conditions in College of Commerce and Business Administration, 428
 McLean, A. F., appointment, 674, 998
 resignation, 1316
 McLean, Anna F., degree, 828
 McLean, Doris I., certificate, 1329
 McLean, E. A., degree, 588
 McLean, Helen W., appointment, 1137
 McLean, J. C., member of advisory committee, 1194
 McLean, J. E., degree, 589
 McLeish, W. L., degree, 809
 McLellan, J. M., fellowship, 681
 declination, 732
 McLoughlin, Mrs. Mary L., appointment, 1106
 McLuckie, Jessie K., degree, 1542
 McLure, W. P., appointment, 151, 986, 1254
 McMabel, B., appointment, 299, 1135
 McMahon, Mrs. D. Irene, appointment, 1099
 McMahon, F. R., degree, 1251
 McMahon, G. T., degree, 1567
 McMahon, J. R., degree, 823
 McMahon, K. V., degree, 810
 McMahon, R. H., degree, 804
 McMahon, R. J., appointment, 359, 1188
 McMahon, W. A., degree, 585
 McManamon, J. E., fellowship, 1486
 McManus, R. N., degree, 1534
 McMenamin, H. J., Jr., degree, 824, 1574
 McMenamin, Mrs. Irene, appointment, 1159
 McMillan, F. L., appointment, 363, 1191
 McMillan, F. W., appointment, 730, 941, 949
 McMillan, J. C., Jr., appointment, 353, 1182
 McMillan, M. Rosamond, appointment, 1227
 McMillan, Margaret R., appointment, 1173
 McMillan, R. G., appointment, 361, 1190
 McMillen, C. L., degree, 1389
 McMillen Feed Mills, contract, 668
 McMillin, O. C., appointment, 268, 1104
 McMillion, Mary C., appointment, 730, 977
 McMullen, G. D., appointment, 127, 961, 1379
 McMullen, J. E., degree, 787
 McMullin, M. O., degree, 581
 McMurray, F., appointment, 145, 692, 981, 1448
 McMurray, H. N., degree, 824, 1574
 McMurray, Mrs. Norma, appointment, 1142
 McMurray, Sheila, degree, 806
 McMurry, C. D., appointment, 292, 1128
 McNabb, J. W., degree, 792
 McNabb, R. L., appointment, 301, 1137
 McNair, Adrienne, appointment, 313, 1151
 McNair, E. P., degree, 417
 McNair, J. D., degree, 1388
 McNalley, Pauline C., degree, 412
 McNally, E. A., certificate, 1330
 McNally, E. W., degree, 1567
 McNamara, J. C., degree, 1247
 McNamara, James E., degree, 1389
 McNamara, John E., degree, 1533
 McNamara, Mrs. Lois S., appointment, 1121
 McNamara, T. E. J., degree, 597
 McNatt, E. B., appointment, 141, 976, 1447
 McNattin, Mary K., appointment, 260, 1097
 McNaughton, A., certificate, 1330
 McNeal, D. H., degree, 821
 McNeal, H. W., degree, 424
 McNeal, S. J., degree, 412
 McNee, J. D., Jr., appointment, 351, 396, 1084
 McNeely, Jane E. L., degree, 828
 McNeely, R. T., appointment, 286, 1123
 McNeil, Ethel, appointment, 7, 396, 947, 998
 McNeil, E. B., appointment, 1227, 1453
 McNeil, Patricia A., degree, 1560
 McNeill, Carrie B., appointment, 8
 McNeill, Lorraine, appointment, 311, 1149
 McNeill, Mrs. Mary A., appointment, 1093
 McNely, R. D., appointment, 1117
 McNicholas, Mrs. Ann, appointment, 318, 1157
 McNulty, W. L., degree, 804, 1544
 McPeace, Clara A., degree, 806
 McPhail, Angelina E., appointment, 316
 McPhee, W. J., degree, 1394
 McPherson, Frances M., appointment, 161
 McPherson, W. H., appointment, 141, 178, 644, 976, 1014
 leave of absence, 406, 647, 1407
 McQuaid, Jean A., degree, 1559
 McQueen, J. W., certificate, 488
 McQueen, R. D., degree, 1568
 McQuillan, J. A., degree, 586

- McQuitty, L. L., appointment, 83, 178, 916, 1014
- McReynolds, Alice, degree, 1397
- McShanog, R. J., degree, 786
- McVay, M. S., appointment, 126, 693, 961, 1449
- McVittie, G. C., appointment, 1292, 1499
- McWard, W. W., appointment, 271, 1107
- McWaters, C. A., certificate, 1330
- McWethy, E. J., degree, 1392
- McWhorter, A. G., degree, 814
- McWhorter, A. L., degree, 802
- McWilliams, P., Jr., degree, 1392
- McWilliams, R. D., degree, 1283
- Mead, F. C., degree, 415
- Mead, H. E., degree, 1566
- Mead, Laura L., fellowship, 682
- resignation, 1233
- Mead, Norma I., degree, 817
- Meade, L., certificate, 1407
- Meade, R. J., degree, 1539
- Meador, W. A., degree, 791
- Meadows, P. E., appointment, 1274
- Meagher, R. E., appointment, 132, 136, 967, 971
- Mealy, Phyllis S., appointment, 10, 1308
- Means, Rachel N., degree, 581
- Mears, R. C., appointment, 397, 697, 995
- degree, 795
- resignation, 1280
- Measurement Program, Engineering, appropriations, balances reappropriated, 37
- budget, 122, 277, 955, 1113
- Meat deterioration, study, contract, 1464
- Mecava, L., degree, 597
- Mechalas, Elaine, degree, 1560
- Mechanical Engineering, air-conditioning equipment, purchase, 613
- appropriations, balances reappropriated, 38, 1197
- budget, 128, 280, 963, 1116
- summer session, 696, 1452
- cardiograph, purchase, 613
- curriculum, changes, 1410
- industrial engineering, approved, 1410
- fellows, 681, 1484
- gift, fellowship, Standard Oil Co. of Indiana, 1469
- micrometer, 1471
- scholarship, Morse, J., Memorial Foundation, 548, 1467
- Mechanical Engineering Building, murals, gift, 1214
- penthouse and mechanical equipment room, contract, adjustment, 1361
- Mechanical Engineering Laboratory, remodeling, appropriation, 1359
- contract, 1415
- Mechanical vibration, physiological effects, research, contract, 378
- Mechanics, *See* Theoretical and Applied Mechanics.
- Mecherle, G. R., degree, 1562
- Meck, L. L., degree, 1564
- Medaris, K. G., degree, 1552
- Medendorp, A. R., degree, 412
- Medical and Dental History, budget, 219, 314, 1055, 1151
- Medical Betatron, air-conditioning and ventilating work, appropriation, 655
- contract, 502, 658
- appropriations, balances reappropriated, 40, 1199
- surface grinder, purchase, 374
- Medical Center Commission, fence on vacant lot, contract, 1327
- housing project, financing, 505
- proposals, 569
- loan, interest rate and period of amortization, 442
- Medical Center Commission, *cont'd*
- land, conveyance to University, 542, 1265
- purchase, 1461
- Medical Center District, buildings, demolition, contracts, 1204, 1360
- prevailing wage rates, schedule, 1205
- chronic illness hospital, proposed, 562
- incinerator repair and chimney construction, contract, 1360
- inspection tour, 1504
- Medical Center Steam Co., appropriations, balances reappropriated, 40
- easement, 495, 656
- fuel oil, purchase, 853
- land, conveyance, 443, 542
- payments, aid to construction, 1362
- costs of organizing, 1362
- steam heating plant, operation, 764
- Medical insurance, contract, continuance, 715
- Medical librarian training, veterans, contract, 33
- Medical Record Library, Research and Educational Hospitals, budget, 228, 319, 1066, 1158
- Medical records, coding, appropriation, 366
- Medical service fee, change, 856
- Medical sciences, scholarships, gift, 553, 1216
- Medical Social Work, department, established, 1406
- action deferred, 1357
- organization and administration, 1406
- equipment, appropriation, 1512
- head of department, appointment, 1406
- approval deferred, 1357
- Medical social workers, Division of Services for Crippled Children, training, 1358
- Medicine, College of, admission, policy, 1255
- appropriations, balances reappropriated, 40
- budget, 200, 307, 1035, 1144
- chronic illness hospitals, affiliation, plan, modification, 1300
- clinical faculty, 351, 1179
- degrees conferred, 823, 1571
- equipment, appropriation, 1324
- gift, addition to Patrick and Bertha Mooney Fund, 555
- research, 1216
- scholarship, Illini Achievement Fund, 547, 1467
- undergraduate research award, 553
- Grant Hospital, affiliation, approved, 388
- Home for the Incurables, affiliation, proposed, 562
- medical social work, department, established, 1406
- action deferred, 1357
- mice for experimental purposes, appropriation, 655
- Morrison Home for the Aged, affiliation, proposed, 562
- occupational therapy, department established, 489
- Presbyterian Hospital, use, 861
- purchase, balance, 670
- electrophoresis apparatus, release of funds, 367
- fluoroscope unit, 670
- microscopes, 374
- Rush-Presbyterian staff, salaries, discontinued, 861
- Medicine, Department of, budget, 204, 308, 1039, 1145
- clinical faculty, 352, 1181
- fellowship, gift, Arthritis & Rheumatism Foundation, 1216
- head of department, appointment, 704
- microscopes, appropriation, 366
- purchase, release of funds, 434
- research, gift, 551, 554, 556, 1214, 1215, 1216, 1217, 1218
- work in preventive medicine, 1339

- Meduna, L. J., appointment, 211, 1047
 Meece, Mrs. Winifred L., appointment, 295, 1131
 Meech, Ruth M., degree, 1249, 1538
 Meehan, Marjorie, appointment, 361, 1190
 Meek, Mabel F., appointment, 329, 1170
 authority to sign name of President of Board, 602, 1404
 Meek, W. L., appointment, 674, 941, 948
 Meeland, Emily E., appointment, 302, 1138
 Meers, F. A., degree, 1396
 Meers, Marilyn, appointment, 1170
 Meeting, date, annual, 1402
 Megginson, G. M., degree, 818
 Meginnis, P. J., appointment, 477, 998
 leave of absence, 1531
 Megran, H. B., appointed trustee of Retirement System, 603
 elected member of Executive Committee, 601, 1404
 member of committees, 602, 603, 1405
 Meheen, Homayoun, degree, 1540
 Mehl, B., appointment, 644, 873
 Mehlman, I. J., degree, 1558
 Mehlman, J. S., appointment, 354, 1182
 Mehr, R. L., appointment, 141, 691, 976
 Meid, W. J., appointment, 123, 956
 resignation, 1530
 Meidinger, T. A., degree, 1558
 Meiers, Mrs. Gertrude, appointment, 307, 1143
 Meiners, J. H., degree, 420
 Meinert, W. F., degree, 1397
 Meinkoth, H. J., degree, 593
 Meisler, Yvette, degree, 1560
 Meister, Mary A., degree, 806
 Melahn, G. E., degree, 803
 Melahn, Sally L., degree, 806
 Melby, L. R., fellowship, 678, 1481
 Melby, Sylvia M., appointment, 674
 Melcher, L., Jr., degree, 587
 Melcher, L. E., degree, 591
 Meletsis, G. J., appointment, 222, 1058
 Melill, J., degree, 821, 1553
 Melin, H., certificate, 1338
 Melin, J. S., degree, 789
 Mellis, R. T., appointment, 364
 Mellon, D., appointment, 1137
 Mellon, Mrs. Doris L., appointment, 1227, 1274, 1379
 Mellor, Edna C., degree, 407
 Mellow, E. W., degree, 450
 Melman, A. M., certificate, 1490
 Meloy, C. R., appointment, 243, 1082, 1458
 Melrose, Barbara M., degree, 1387
 Melson, Elizabeth R., appointment, 139, 690, 974, 1446
 Melsted, S. W., appointment, 99, 933
 Melton, W. R., appointment, 1093
 Meltzer, B., degree, 819
 Meltzer, Mrs. Eleanor, appointment, 318, 1156
 Memberships in organizations, budget, 68, 901
 Memon, A. A., degree, 452
 Memon, R. M., degree, 1546
 Men, Dean of, appropriations, balances reappropriated, 37
 budget, 63, 262, 896, 1098
 Menacker, Janet, degree, 1397
 Menard County, soil maps, purchase, 1305
 Mench, Lorraine, appointment, 319, 1158
 Mencinsky, J., degree, 422
 Menckoff, E. J., certificate, 603
 Mendel, C. W., appointment, 80, 696, 913
 leave of absence, 1334
 Mendel Riley, purchase, 670, 671
 Mendell, W. G., certificate, 1329
 Mendelsohn, M. J., degree, 822, 1571
 Mendelsohn, M. L., certificate, 1357
 Mendelsohn, R. M., degree, 824, 1574
 Mendelson, C. E., degree, 826
 Mendelson, K. D., degree, 801
 Menees, T. O., Jr., degree, 1550
 Menefee, Mrs. Florence, appointment, 305, 1142
 Menefee, S. G., appointment, 104, 938
 Meng, Donna J., appointment, 674
 Menikheim, Virginia C., degree, 1385
 Mennecke, C. A., degree, 802
 Mensen, R. S., degree, 821
 Mensendick, C. I., appointment, 280, 1115
 Men's Old Gymnasium, remodeling, contract, 638
 Men's Residence Halls, appropriations, balances reappropriated, 1198
 bonds, attorneys employed, 763, 1267
 authority to award, 1343
 authority to sign, 1343
 award, 1356, 1362
 bids, 1356
 authority to secure, 763, 1267
 redemption, 1341
 refinancing, 1341
 resolution authorizing issue, 1363
 budget, 192, 303, 1027, 1139
 expansion, appropriation, 763
 architectural services, 367, 379, 541, 1290
 additional, payment, 1301
 contracts, 763, 1290
 authority to award, 1267
 conditions, 1290
 engineering services, steam service connection, 763
 proposed, 367
 revised program, 1267
 steam service piping, contract, 1496
 fire alarm evacuation signal system, contract, 344
 Mentally handicapped children, preschool project, funds, gift, 550, 1470
 Menter, Evelyn R., degree, 793
 Mentzer, W. S., degree, 1246
 Menzel, D. C., degree, 802
 Menzel, D. W., degree, 1392
 Mercer, G. E., appointment, 282
 Mercer, Janine M., degree, 1396
 Merchant, D. C., degree, 801
 Merck & Co., Inc., contract, 668, 1305, 1464
 change, 561, 1464
 gift, 1210
 purchase, 852, 1520
 Merdinger, D. J., certificate, 1329
 Meredith, K. E., degree, 591
 Meredith, P. A., appointment, 355, 1183
 Meredith, H. V., Jr., degree, 592
 Merker, B., certificate, 1329
 Merkle, E. W., degree, 1549
 Merkle, W. H., certificate, 41
 Merlic, D. L., degree, 797
 Merlini, A., fellowship, 681
 Merlo, Jacqueline R., degree, 1396
 Merrell, W. S., Co., gift, 552
 Merriam, C. E., scholarship fund, gift, 1211
 Merrick, C. E., degree, 1564
 Merrick, J. W., appointment, 288
 degree, 1568
 Merricks, J. W., Jr., appointment, 364, 1193
 Merrifield, C. R., Jr., appointment, 257, 1143
 Merrifield, F. W., member of advisory committee, 562
 Merrifield, Jean, appointment, 260
 Merrifield, Mrs. Jewel, appointment, 299
 Merrifield, L. A., appointment, 300
 degree, 802
 Merrill, I. R., appointment, 920, 1275
 degree, 1390
 Merrill, Jane L., degree, 825
 Merrill, Lynch, Pierce, Fenner & Beane, bond issue for Men's Residence Halls, 1356, 1362
 Merrill, William McKinley, degree, 407
 Merrill, William Meredith, appointment, 78, 694, 911, 1450
 Merrill Foundation for Advancement of Financial Knowledge, Inc., gift, 1469

- Merrimac, Katherine J., degree, 813
 Merritt, C. D., appointment, 1135
 Merritt, Eunice, appointment, 8, 319, 1158
 Merritt, K. E., appointment, 279, 1115
 Mersereau, Joanna H., appointment, 1106
 Mershon, D. J., degree, 594
 Merten, H. G., appointment, 242, 1081
 Merutka, J., degree, 597
 Merwin, Betty, appointment, 305, 329, 1142, 1171
 Merwin, J. C., degree, 412
 Mescher, Mrs. Shirley M., appointment, 1133
 Meserve, B. E., appointment, 81, 914
 Mesker, L. J., appointment, 278, 1114
 Messerall, H. E., degree, 1284
 Messick, Mrs. Eleanore, appointment, 1121
 Messick, R. E., degree, 812, 1544
 Messinger, H. P., degree, 576
 Messinides, H. C., degree, 1395
 Messman, May C., appointment, 1128 degree, 584
 Messmore, H. L., Jr., degree, 824, 1574
 Metabolism, research, gift, 1213, 1215
 Metalab Equipment Corp., contract, additions, 1346
 purchase, 469, 557, 712, 853
 Metallographic equipment, Mining and Metallurgical Engineering, purchase, 1206
 Metallurgical Engineering, See Mining and Metallurgical Engineering.
 Metallurgical specimen equipment, Mining and Metallurgical Engineering, purchase, 1360
 Metals, plasticity, research, contract, 560
 Metcalf, J. R., degree, 821
 Metcalf, L. E., appointment, 145, 149, 692, 981
 Metcalf, Marcia N., degree, 1396
 Meters, Physics, purchase, 558
 Methvin, Doris H., appointment, 873 degree, 793
 fellowship, 402
 Metropolitan Music Co., purchase, 467
 Metta, V. C., degree, 579
 fellowship, 1500
 Mette, W. R., Jr., certificate, 842 degree, 813
 Metter, Norma L., fellowship, 1486
 Metz, R. D., appointment, 281, 1117
 Metz, R. P., degree, 1251
 Metz, W. R., degree, 798
 Metzger, F. R., appointment, 132, 967
 Metzger, R. J., fellowship, 1278
 Metzger, Roberta E., degree, 1387
 Meunier, Juanita M., appointment, 873, 1088 degree, 820
 Meunier, P. L., degree, 815
 Mew, H. H., degree, 593
 Meyer, Anna L., degree, 1393
 Meyer, Mrs. Betty A., appointment, 255
 Meyer, Betty C., degree, 820
 Meyer, D. R., degree, 423
 Meyer, Delores G., appointment, 1137
 Meyer, Mrs. Doris M., appointment, 255, 1092
 Meyer, E. P., degree, 588
 Meyer, E. R., Jr., degree, 815
 Meyer, E. S., degree, 810
 Meyer, Esther, appointment, 202, 1037
 Meyer, F. L., degree, 824, 1574
 Meyer, F. M., degree, 1249
 Meyer, Gabriele L., appointment, 315, 1153
 Meyer, H. C., degree, 421, 1236
 Meyer, H. I., appointment, 363, 1192
 Meyer, H. J., degree, 1236
 Meyer, J., appointment, 353, 1181
 Meyer, Mrs. Julia, appointment, 397, 1227 leave of absence, 47
 Meyer, K. A., appreciation of services, resolution, 642
 Meyer, M. E., associates of, gift, 1474
 Meyer, M. M., degree, 579
 Meyer, Marilyn J., degree, 1564
 Meyer, Mrs. Mary, appointment, 328, 1142
 Meyer, N. H., degree, 1565
 Meyer, Naomi, degree, 592
 Meyer, R. D., appointment, 262, 1095
 Meyer, R. E., degree, 1246
 Meyer, R. G., degree, 424
 Meyer, R. H., degree, 798
 Meyer, R. K., degree, 594
 Meyer, R. P., appointment, 363, 1192 fellowship, 731
 Meyer, Shirley C., degree, 813
 Meyer, Mrs. Sophia A., appointment, 295
 Meyer, W. J., Jr., degree, 796
 Meyer, W. W., degree, 800
 Meyers, A. A., degree, 1563
 Meyers, Mrs. Beatrice K., appointment, 309, 1146
 Meyers, C. Y., degree, 781
 Meyers, E. A., degree, 829
 Meyers, F., appointment, 843, 1014
 Meyers, J. A., degree, 1567
 Meyers, Lulu B., appointment, 270, 1106
 Meyers, M. J., certificate, 1338
 Meyers, Patricia A., appointment, 276, 1112
 Meyerson, L., appointment, 692
 Mican, R. G., degree, 1249
 Mice, Medicine, appropriation, 655
 Michael, E. D., Jr., appointment, 397, 697, 995 degree, 1535
 Michael, G. J., degree, 588
 Michael, G. W., appointment, 283, 1119
 Michael, R. F., appointment, 274, 1110
 Michael, W. A., Jr., appointment, 1452
 Michael, W. R., degree, 1558
 Michaels, F. J., degree, 829
 Michaels, J. L., degree, 1287
 Michalicka, E. J., degree, 814
 Michalova, Dagmar, appointment, 1528 degree, 1543
 fellowship, 776
 Michalowski, Mrs. Lois, appointment, 1101
 Michalowski, R. A., degree, 1400
 Michalski, G. W., degree, 808
 Michalski, J. R., degree, 1567
 Michel, H. A., certificate, 1338
 Michel, W. E., degree, 802, 1542
 Michelman, Patricia A., degree, 1555
 Michels, C. J., appointment, 246 resignation, 732
 Michels, G. L., degree, 1570
 Michels, L., degree, 1552
 Michna, C. J., degree, 820
 Mick, R. B., degree, 804
 Micka, J. A., degree, 1546
 Microscopes, appropriation, Anatomy, 476
 Chicago Undergraduate Division, 1259
 Entomology, 23
 Medicine, 366
 purchase, Agronomy, 375
 Animal Science, 524
 Bacteriology, 30, 854
 Chicago Undergraduate Division, 1305
 Entomology, 374
 Food Technology, 377, 612
 Geology, 30, 341
 Medicine, 374
 release of funds, 434
 Mining and Metallurgical Engineering, 375
 Veterinary Medicine, 525, 612
 Microtome, Animal Hospital, appropriation, 521
 Middlemas, Jean, degree, 1555
 Middlesworth, W., degree, 806
 Middleton, Mrs. Mildred A., appointment, 265
 Middleton, W. H., appointment, 206 resignation, 878
 Middleton, W. J., fellowship, 678, 1481 declination, 683
 Middle South Utilities, stock, purchase, 835
 Middle West Soil Improvement Committee, contract, 713

- Midlane Farm, gift, 550
 Midstate Linen Supply, purchase, 377
 Mid States Aviation Corp., purchase, 502
 Midwest Barley Improvement Association, gift, 550, 1213
 Midwest Engineering & Equipment Co., contract, 650, 658, 1312
 Mieschke, Joan D., degree, 1567
 Mifflin, J. A., degree, 1394
 Mighell, R. L., degree, 585, 586
 Migielicz, E., degree, 412
 Miglin, A. L., degree, 595
 Mihelich, L., appointment, 7, 397, 898
 declination, 1280
 Mihill, K. W., degree, 595
 Miketta, Chlodene A., degree, 1550
 Mikita, A. R., degree, 1566
 Mikita, T. E., degree, 802
 Miklas, Helen P., appointment, 1350
 Miklian, J., Jr., degree, 1577
 Mikolajczyk, H. L., appointment, 245, 333, 397, 702, 1084, 1175
 Mikulec, Frances, appointment, 1163
 Milano, C. R., certificate, 488
 degree, 1247
 Milanski, Mrs. Eileen M., appointment, 1098
 Milbrandt, Edna J., degree, 1251
 Milbrandt, Shirley R., degree, 817
 Milburn, C. D., appointment, 289
 degree, 595
 Mildenstein, Mrs. Laura A., appointment, 263, 1099
 Miler, Mrs. Marguerite, appointment, 333
 Miles, D. A., degree, 798
 Miles, E. J., degree, 826
 Miles, F. D., appointment, 153, 510, 988
 Miles, H. J., appointment, 80, 913, 1451
 Miles, J. C., appointment, 129, 964
 discovery, patent, 1270
 Miles, J. S., appointment, 1179
 Miles, K. F., degree, 806
 Miles, Margaret O., degree, 819
 Miles, Marjorie L., appointment, 161, 996
 Miles, R. C., degree, 821
 Miles, R. H., appointment, 155, 696, 990, 1452
 Miles, R. H., Jr., degree, 588
 Miles Laboratories, gift, 552
 Milford, J. J., Jr., degree, 826
 fellowship, 402
 Military deposit fee, discontinued, 653
 Military service, students, regulations, 431
 Military Science and Tactics, awards, gift, Sons of Union Veterans of the Civil War, 1211
 budget, 176, 202, 1011, 1129
 clothing and equipment revolving account, 177, 1012
 officers assigned to duty at University, academic ranks, 1337
 purchase, coats, 439, 1343
 uniforms, 344, 527, 767, 1263, 1495
 Milk Market Administrator, contract, 1207
 Milk marketing, study, contract, 1207
 Milkweed floss as an ear defender, research, gift, 1219
 Millard, Marilyn M., appointment, 332, 1174
 Millard, Nellie D., appointment, 674, 1307
 Millbrook, May I., appointment, 65, 898
 Millea, M. F., degree, 1552
 Miller, A. A., degree, 1572
 Miller, A. C., appointment, 1423
 fellowship, 680
 resignation, 1425
 Miller, A. E., appointment, 272, 1108
 Miller, A. G., degree, 1555
 Miller, A. J., degree, 418, 790
 Miller, A. W., degree, 802
 Miller, A. W., Jr., appointment, 1227
 degree, 1284
 Miller, Alice, appointment, 8
 Miller, Allie J., degree, 1566
 Miller, Ardis A., degree, 1564
 Miller, B., Jr., degree, 590
 Miller, Betty A., degree, 807
 Miller, C. B., degree, 821
 Miller, C. E., appointment, 299
 Miller, C. J., appointment, 274, 1110
 Miller, Mrs. C. Phillip, gift, 550, 1213, 1469
 member of advisory committee, 1195
 Miller, C. R., member of Board of Examiners in Accountancy, 1490
 Miller, Cassandra A., estate, gift, 1214
 Miller, Cecelia E., degree, 826
 Miller, D. C., degree, 820
 Miller, D. E., degree, 1241
 Miller, D. H., degree, 818
 Miller, D. J., degree, 798
 Miller, D. S., degree, 1393
 Miller, Donna H., degree, 1559
 Miller, Dora S., degree, 407
 Miller, E., Jr., degree, 592
 Miller, E. C., Jr., degree, 788
 Miller, E. M., appointment, 362, 1191
 Miller, Elizabeth J., degree, 590
 Miller, Elma L., degree, 454
 Miller, F. F., degree, 596
 Miller, Frances M., appointment, 1379
 Miller, G., degree, 591
 Miller, G. A., appointment, 80
 bequest, 607
 estate, claims, committee to hear, 1422
 request of Mrs. Sarah H. Grimm, 1222
 denied, 1332
 settlement, 1336, 1421
 fund, depository, 834
 resolution, 857
 Miller, G. F., appointment, 280, 1116
 Miller, G. H., appointment, 307, 1144
 Miller, G. J., appointment, 333, 1175
 Miller, Geneva E., appointment, 843
 Miller, Gloria van H., degree, 1237
 Miller, H. A., degree, 1242
 Miller, Harryett J., degree, 1244
 Miller, Helaine I., degree, 1249
 Miller, I. M., appointment, 242, 1081, 1457
 Miller, J., appointment, 1190
 Miller, J. A., degree, 1399
 Miller, J. E., degree, 810
 Miller, J. G., appointment, 730
 Miller, J. J., certificate, 527
 Miller, J. L., appointment, 293, 1129
 Miller, James R., degree, 419
 Miller, John Richard, degree, 1557
 Miller, John Robert, degree, 1239
 Miller, Jeanne F., appointment, 318, 1156
 Miller, K. C., degree, 1571
 Miller, L. B., appointment, 99, 933
 Miller, L. E., appointment, 72, 1407
 resignation, 513
 Miller, L. F., appointment, 358, 1187
 gift, 556, 1219
 Miller, L. H., Jr., appointment, 249, 702, 1087
 Miller, L. H., Sr., appointment, 1174
 Miller, L. J., degree, 423
 Miller, L. M., degree, 798
 Miller, L. S., appointment, 88
 Miller, M. E., degree, 1250
 Miller, M. S., degree, 1577
 Miller, Mrs. Margaret M., appointment, 314
 Miller, Marjorie A., degree, 1556
 Miller, Marian G., appointment, 9
 Miller, Marilyn A., degree, 1286
 Miller, Marilyn J., degree, 807
 Miller, Mildred J., appointment, 10, 1308
 Miller, Mrs. Miriam C., appointment, 1092
 degree, 590
 Miller, N. W., degree, 591
 Miller, O., appointment, 238, 248, 701, 1086
 Miller, P. D., appointment, 334, 1176
 Miller, P. E., appointment, 510
 Miller, P. M., degree, 1545

- Miller, P. V., appointment, 144, 692, 980,
1447
Miller, R., degree, 1400
Miller, R. A., degree, 1393
Miller, R. C., degree, 416
fellowship, 1529
Miller, R. D., certificate, 488
Miller, Robert Edson, certificate, 41
Miller, Robert Edward, degree, 1399
Miller, Russell E., degree, 813
Miller, R. G., appointment, declination, 1233
fellowship, 877
Miller, R. L., appointment, 150, 160, 981, 985,
995
Miller, R. J., degree, 591
Miller, Richard L., degree, 813
Miller, Robert L., appointment, 1275
Miller, R. N., degree, 1572
Miller, R. O., degree, 597
Miller, R. P., degree, 781
resignation, 778
Miller, R. W., degree, 585
Miller, Ruby W., degree, 1249
Miller, S. D., degree, 1577
Miller, Shirley A., degree, 800
Miller, Sonia, appointment, 76, 693, 909
Miller, T. G., degree, 1281
Miller, W. C., degree, 1556
Miller, W. E., appointment, 126, 954, 960
Miller, W. H., appointment, 156, 991
Miller, W. M., degree, 1242
Miller, W. V., degree, 801
Millard, J. N., degree, 810
Milles, G., appointment, 201, 208, 1036, 1044
Millett, J. H., degree, 451
Milley, W. H., degree, 1540
Millican, R. D., appointment, 7, 166, 695, 700,
893, 1002, 1424
Milligan, B. A., appointment, 75, 693, 908,
1275, 1528
Milligan, P. V., appointment, 293, 1129
Milliken, Vollers, and Parsons, services in
water rates litigation, payment, 1361,
1493
Millman, R. A., certificate, 527
Milling machine, purchase, Biological Sciences,
611
Physics, 613, 838
Psychology, 1466
Millzen, J. E., appointment, 226, 231, 1063
Mill Rose Farm, gift, 550
Mills, D. R., appointment, 159, 697, 994, 1453
Mills, E. N., degree, 1557
Mills, J. R., degree, 1533
fellowship, 46, 646
Mills, Joyanne B., degree, 1560
Mills, L., certificate, 1178
Mills, Margaret M., degree, 1237
Mills, R. D., degree, 1400
Mills, T. W., degree, 417
Mills Hospital Supply Co., purchase, 30, 559
Milne, Lillias F., diploma, 1575
Milne, R. H., degree, 820
Milne, W. P., degree, 1567
Milo, V. P., degree, 1539
Milosevich, N., degree, 1242
Milroy, G. N., degree, 1558
Milroy, J. J., appointment, 364, 1350
Milstead, Alice E., degree, 1284
Milstein, A., degree, 826
Milton, L. L., degree, 1395
Milton, R. W., appointment, 1452
Milum, V. G., appointment, 77, 694, 910
Milwaukee Chair Co., purchase, 557
Milwaukee Co., financing housing project in
Chicago, offer, 569
approved, 569
revenue bonds, 621
Milwaukee Mechanics Insurance Co., insur-
ance, purchase, 614
Minarik, W. L., degree, 452
Mindak, W. A., degree, 1286
Mindes, A., degree, 424
Miner, C. L., degree, 585
Miner, O. T., appointment, 272
Miner, Ruth, degree, 578
Miner, T. D., appointment, 272, 1109
Mineral specimens, Geology, purchase, 341
Minger, Mary E., degree, 577
Mining and Metallurgical Engineering, appro-
priations, balances reappropriated, 1197,
1198
equipment, 23, 762
rolling mill, 1324
service laboratory for metallography, 762
budget, 130, 281, 965, 1117
curricula, changes, 1410
fellows, 681
gift, scholarship, Illinois Mining Institute,
547, 1467
Old Ben Coal Co., 548, 1211, 1468
Peabody Coal Co., 547, 1468
Petter, H. A., Supply Co., 1211
Pickard, A. E., Coal Co., 547, 1211
purchase, fan, 468
lathe, 500
metallographic equipment, 1206
microscope, 375
optical and metallurgical specimen equip-
ment, 1360
rolling mill, 1344
swaging machine, 615
X-ray unit, 1206
Mining and Metallurgical Laboratory, addition
of third floor, 609
Minkus, Marilyn, appointment, 312
Minneapolis-Honeywell, stock, purchase, 835
Minnesota Mining & Manufacturing Co., gift,
1212
Minnich, Consuelo W., degree, 801
Minnis, H. K., degree, 1536
Minnis, O., appointment, 1157
Minor, G. I., degree, 1251
Minor, R. K., degree, 1555
Minor requirements, history of art, 536
rhetoric and composition, 536
Minow, D. E., degree, 802
Minster, N. E., degree, 1251
Minthorn, Marjorie F., appointment, 299,
1275, 1453
Minton, B. L., degree, 1548
Minutes, approved, 2, 427, 481, 516, 570, 600,
650, 688, 735, 833, 1177, 1289, 1319,
1336, 1355, 1490, 1444
Minz, B., appointment, 1333
Miranda, Gladys G., degree, 785
Mirus, R. L., degree, 1242
Mishkin, H. L., appointment, 363, 1192
Misicka, J. A., degree, 1401
Miskowicz, S. J., gift, 556
Misner, D. E., appointment, 149, 150
resignation, 404
Mississippi River Fuel Co., stock, purchase,
1497
reinvestment of proceeds, 1420
Mistry, S. P., appointment, 1333
fellowship, 1529
Miskowicz, H. J., degree, 818
Mitch, Mary, appointment, 317, 1155
Mitcham, Mrs. Leona A., appointment, 1176
Mitchell, Betty M., degree, 800
Mitchell, C. I., degree, 1284
Mitchell, C. R., degree, 589
Mitchell, D. H., degree, 593
Mitchell, Elizabeth R., degree, 784
Mitchell, G. P., certificate, 527
Mitchell, G. W., member of advisory com-
mittee, 36
Mitchell, H. E., degree, 1248
Mitchell, H. H., appointment, 101, 114, 935,
947
Mitchell, J. C., degree, 829
Mitchell, J. F., degree, 422
Mitchell, James H., appointment, 352, 1180

- Mitchell, Joseph H., degree, 1242
 Mitchell, Joan S., appointment, 1170
 Mitchell, Josephine, appointment, 81, 914,
 1451
 Mitchell, Mary S., degree, 784
 Mitchell, N. F., Jr., degree, 1561
 Mitchell, R. H., degree, 801, 1540
 Mitchell, R. V., appointment, 139, 690, 974,
 1446
 Mitchell, W. C., degree, 1284
 Mitchem, Angelene M. S., degree, 813
 Mitkus, V. V., degree, 1553
 Mitsdarfer, J. C., appointment, 271, 1107
 Mitsuda, Tetsuichi, degree, 1545
 Mittel, H. F., degree, 1567
 Mitten, W. B., Jr., degree, 804
 Mitterling, P. I., appointment, 695, 1228
 Mittlacher, G. V., degree, 595
 Mix, S. A., degree, 817
 Mixer, Norma, appointment, 1160
 Miyamoto, O., degree, 1540
 Mize, S. W., certificate, 1292
 Mizell, J. W., appointment, 268, 1105
 Mizell, M., degree, 1392
 Mizell, S., degree, 1558
 Mizinski, Martha R., degree, 812
 Mizrahi, R., degree, 819
 Moake, F. B., appointment, 76, 909
 Moats, Mrs. Norma G., appointment, 1170
 Moch, A., degree, 594
 Mock, Carolyn, appointment, 1112
 Mock, G. D., degree, 794
 Mock, Mrs. Ruth M., appointment, 265, 1102
 Mocko, A., degree, 597
 Mode, G. F., degree, 819
 Model Laundry, purchase, 767
 Modesitt, G. E., degree, 588, 1246
 fellowship, 513, 681
 resignation, 778
 Modesitt, Mrs. Lorraine, appointment, 294
 Modglin, Mrs. E. Juanita, appointment, 1105
 Modglin, N. T., degree, 1247
 Modigliani, F., appointment, 141, 142, 976,
 977, 1314
 Moe, D. D., degree, 589
 Moe, Mrs. P. Jeanne, appointment, 303
 Moe, W. C., degree, 818
 Moeckel, B. R., fellowship, 677, 1480
 Moehl, Hildegard, appointment, 10, 1308
 Moehle, R. A., degree, 419
 Moeller, A. N., degree, 453
 Moeller, G. T., appointment, 72, 690, 905,
 1446
 Moeller, M. W., Jr., degree, 585
 Moen, G., degree, 814
 Moenkhaus, Mrs. Ruth S., appointment, 291,
 1127
 Moens, R. J., degree, 708
 Moerchen, Alice M., degree, 1397
 Moerke, D. F., degree, 785
 Moertel, C. G., degree, 1572
 Moews, D. H., degree, 1401
 Moews Seed Co., gift, 550
 Moffett, June P., appointment, 321
 Moffitt, J. G., degree, 410
 Mohammed, C. I., degree, 1569
 fellowship, 877, 1500
 Mohan, J. T., appointment, 74, 907
 resignation, 1353
 Mohler, C. W., degree, 1242
 Mohr, A., Jr., gift, 1211
 Mohr, C. H., appointment, 274, 1110
 Mohr, G. J., appointment, 361, 1190
 Mohr, J. S., gift, 1211
 Mohr, L., gift, 1211
 Mohr, Mrs. Marilyn P., appointment, 1110
 Mohrman, R. C., degree, 708
 Moisan, Mrs. Constance, appointment, 1162
 Moje, W., appointment, 397, 906
 resignation, 1530
 Mojonner Bros., purchase, 558
 Mokter, A., degree, 1546
 Molbo, Doris M., appointment, 674
 Mold, research, gift, 556, 1215
 Moldermaker, W. A., appointment, 248, 701
 Moldovan, Geraldine F., degree, 812
 Molinari, A. S., degree, 1397
 Molinari, Mrs. Julia, appointment, 311
 Molinaro, L. A., appointment, 1528
 Molitor, R. B., degree, 1564
 Molitoris, M., degree, 418
 Moll, E. J., degree, 1546
 Moller, D. R., certificate, 41
 Moller, Mrs. Katherine T., appointment, 293
 Mollet, Frances E., degree, 1393
 Mollet, Laura S., degree, 1242
 Molloy, J. J., appointment, 322, 1164
 Molloy, R. L., degree, 594
 Moloney, J. I. T., degree, 1394, 1553
 Moluf, W. H., degree, 801
 Molzan, A. E., degree, 1552
 Molzan, Claireen L., degree, 814
 Monaco, L. T., degree, 829
 Monahan, E. J., degree, 423
 Monahan, Irene P., degree, 796
 fellowship, 531
 Monarch Machine Tool Co., purchase, 851
 Moncreiff, W. F., appointment, 357, 1186
 Monical, Marilena A., appointment, 299
 Monical, W., appointment, 278, 1114
 Monji, Yuliko, degree, 1250
 Monk, H. H., member of advisory committee,
 36
 Monke, C. R., degree, 586
 Monke, E. J., appointment, 930
 Monkman, R. D., degree, 829
 Monochromator, purchase, Physics, 29
 Zoology, 853
 Monokymograph, Veterinary Medicine, pur-
 chase, 613
 Monroe, C., appointment, 363, 1192
 Monroe, E. A., degree, 1574
 Monroe, W. S., appointment, 151, 986
 book, printing, 1206
 Monroe Calculating Machine Co., purchase,
 838, 853
 Monsanto Chemical Co., contract, change, 769,
 1417
 gift, 1468
 Monsen, H., appointment, 1228
 Monson, A. E., appointment, 280, 1115
 Monson, Phyllis J., degree, 1556
 Montague, Katherine L., degree, 1543
 Montalbetti, Mrs. Doris M., appointment, 260
 Montcalm, B. W., appointment, 249, 1088,
 1458
 Montel, Mary G., degree, 1560
 Montgomery, J. W., insurance, purchase, 501,
 716
 Montgomery, K. W., degree, 579
 Montgomery, L. N., appointment, 397, 965
 Montgomery, M. M., appointment, 204, 1039,
 1314
 Montgomery, R. B., appointment, 65, 898
 Montgomery Elevator Co., contract, 1327
 Montonye, Eileen J., appointment, 290
 Montor, K., degree, 821
 Montoya, Teodocio, degree, 409
 Montrose, Betty R., degree, 808
 Monyok, S. J., degree, 594
 Monypenny, P., appointment, 82, 916, 1454
 Moodie, A. D., degree, 1393
 Moody, Earlene, appointment, 328
 Moody, G. W., degree, 797
 Moody, L. C., degree, 1250
 Moon, Alice J., appointment, 275, 1111
 Moon, G. R., appointment, 198, 1034
 authority to sign name of Secretary of
 Board, 4, 602, 1405
 Moon, R. E., degree, 597
 Moon, S., Jr., degree, 804
 Mooney, F. P., degree, 824, 829

- Mooney, Patrick and Bertha, Fund, addition, gift, 555, 1218
- Moore, A. C., Jr., appointment, 161, 873, 993, 995
degree, 1286
- Moore, Carolyn A., degree, 1561
- Moore, Claire J., degree, 1397
- Moore, C. U., Jr., degree, 790
- Moore, D. R., degree, 580
- Moore, E. F., appointment, 136
discovery, patent rights, release, 1340
- Moore, E. O., Jr., degree, 595
- Moore, E. S., appointment, 204, 1039
- Moore, Ernestine W., degree, 1237
- Moore, F. T., appointment, 351, 397
resignation, 1233
- Moore, G. C., appointment, 1275
- Moore, G. E., appointment, 70, 80, 903, 913
- Moore, G. P., degree, 1242
- Moore, Grace, appointment, 1143
- Moore, H. E., and Co., Inc., purchase, 1206, 1344
- Moore, H. F., appointment, 133, 968
- Moore, H. W., degree, 788
- Moore, Helen S., degree, 794
- Moore, J. B., III, degree, 830, 1574
fellowship, 402
- Moore, J. L., Jr., degree, 821
- Moore, James O'Bryan, degree, 1546
- Moore, James Otis, degree, 786
- Moore, J. T., appointment, 843, 981, 1448
- Moore, Joanne T., degree, 829
- Moore, M. C., appointment, 282, 1119
- Moore, Madge J., degree, 1543
- Moore, Marilyn T., degree, 1550
- Moore, Mrs. Mary E., appointment, 286
- Moore, Mary F., appointment, 873
- Moore, Mary L. W., degree, 812
- Moore, Mildred J., appointment, 145, 150
- Moore, Mrs. Mildred R., appointment, 310, 1147
- Moore, P. J., Jr., degree, 1564
- Moore, R. A., degree, 824, 1574
- Moore, R. D., degree, 412
- Moore, R. H., Jr., degree, 422
- Moore, R. L., degree, 813, 1546
- Moore, R. M., degree, 585
- Moore, R. P., degree, 1286
- Moore, R. S., degree, 1549
- Moore, S. G., appointment, 308, 1144
- Moore, Thomas Edwin, degree, 810
- Moore, Thomas Eldon, degree, 789
- Moore, W. D., appointment, 304, 1140
- Moore, W. F., appointment, 299
- Moore, W. J., appointment, 693, 1179, 1448
- Moore, W. R., degree, 814
- Moore, W. W., degree, 583, 1535
- Moorefield, H. H., appointment, 1449
degree, 1389
fellowship, 1352, 1483
- Moorman Manufacturing Co., contract, 1305
change, 713, 1464
- Moorthy, Varthakavi K., degree, 781
fellowship, 513, 1278
- Moralejo-Martin, J. C., resignation, 1334
- Moran, E. B., member of advisory committee, 36
- Moran, E. J., degree, 1562
- Moran, H. F., degree, 419
- Moran, J. J., degree, 417
- Moran, Josephine A., diploma, 1575
- Moran, Sarah M., degree, 582
- Morava, R. J., degree, 829
- More, D. H., degree, 818
- Moreland, S., appointment, 1129
- Morell, G. W., appointment, 695
- Morelli, F. A., degree, 821
- Morena, A., degree, 801
- Moreno-Cardoza, Inocente V., degree, 1248
- Morenz, Jeannette E., appointment, 1101
- Morenz, Orlena M., appointment, 285
- Moretti, Mrs. Elizabeth L., appointment, 316, 1153
- Morey, D. A., degree, 1549
- Morey, H. D., certificate, 41
- Morey, K. B., degree, 794
- Morey, L., appointment, 61, 138, 894, 974
elected Comptroller, 601, 1404
signature, delegation, 444, 858
withdrawals from Dentistry, Medicine, and Pharmacy Construction Fund Account, 666
- Morford, V. J., appointment, 692
- Morgan, D. H., appointment, 155, 158, 989, 992
- Morgan, E. E., degree, 593
- Morgan, E. Jeanne, appointment, 1445
- Morgan, Elizabeth, appointment, 12
- Morgan, Ina A., appointment, 1159
- Morgan, J. J., Jr., degree, 424
- Morgan, J. V., degree, 1563
- Morgan, N. D., appointment, 153, 988, 1444
- Morgan, R. C., degree, 1549
- Morgan, T. N., fellowship, 1485
declination, 1487
- Morgan, W. H., degree, 817
- Mori, P., certificate, 41
- Moriarty, Gerie L., degree, 1560
- Moriarty, W. H., degree, 588
- Morison, J. S., degree, 794
- Morley, Mary L., appointment, 8
- Morley, J. P., degree, 1395
- Morlock, K. G., degree, 591
- Morpurgo, G. E., degree, 1563
- Morreal, J. A., degree, 802
- Morrell, W. E., appointment, 60, 74, 893, 907, 1450
- Morrill, C. C., appointment, 113, 163, 947, 998
- Morris, A. P., degree, 792
- Morris, A. W., appointment, 269, 1105
- Morris, C. E., degree, 1248
- Morris, D. J., appointment, 244, 703, 1083, 1458
- Morris, G. L. K., painting, gift, 1471
- Morris, H. R., degree, 829
- Morris, H. S., degree, 820
- Morris, J. D., degree, 419
- Morris, J. R., appointment, 248, 1087, 1457
- Morris, Lillian K., appointment, 1170
- Morris, M. L., degree, 810
- Morris, Marcia J., degree, 1249
- Morris, Mary A., degree, 817
- Morris, R. S., appointment, 355
resignation, 513
- Morris, V., appointment, 326, 1168
- Morris, W. O., appointment, 139, 690, 975, 1446
- Morrisett, R. N., degree, 595
- Morrison, D. A. R., appointment, 361, 1190
- Morrison, Mrs. Elizabeth L., appointment, 283, 1119
- Morrison, H. L., fellowship, 776
declination, 878
- Morrison, J. L., degree, 797
- Morrison, J. W., degree, 791
- Morrison, M. A., certificate, 1330
- Morrison, M. F., degree, 1572
- Morrison, M. S., degree, 810
- Morrison, Mary E., degree, 810
- Morrison Home for the Aged, affiliation with College of Medicine, agreement, 1300
proposed, 562
- Morrissey, Ruth C., appointment, 310
- Morros, J. L., appointment, 219, 1055
- Morrow, Carolyn E., appointment, 276, 1112
- Morrow, G. W., Jr., degree, 824, 1574
- Morrow, Susan C., appointment, 1228
- Morse, Dorothea B., degree, 1534
- Morse, Elizabeth C., degree, 412
- Morse, F. R., degree, 791

- Morse, J., Memorial Foundation, gift, 548, 1467
Morse, J. T., fellowship, 681
 declination, 683
Morse, K. M., appointment, 361, 1191
Morse, P. W., appointment, 269, 1105
Morse, W. F., degree, 1390
Morse, W. H., degree, 806
Morthland, D. W., degree, 797
Mortland, M. M., appointment, 100, 410, 781
 resignation, 573
Morton, C. L., degree, 821
Morton, G. E., degree, 595
Morton, Gloria I., diploma, 1575
Morton Textiles, Inc., purchase, 1416
Mortrud, Joan L., degree, 820
Morwitz, S. M., appointment, 359, 1187
Morwood, B. S., degree, 817
Mosberg, W. H., appointment, 1491
Mosborg, R. J., appointment, 125, 675, 959
Moscinski, A. F., degree, 1577
Moseley, G. A., appointment, 177, 1013
Moser, E. A., degree, 1555
Moses, Dolores W., degree, 1244
Moses, E. J., degree, 789
Moses, E. R., Jr., degree, 1564
Moses, J. E., degree, 821
Mosgrove, Ethelyn V., degree, 415
Mosgrove, Louise, appointment, 273, 1110
Mosher, B. C., degree, 423
Mosher, Mrs. Dorothy J., appointment, 295
Mosher, F. J., degree, 451
Mosher, M. L., appointment, 94, 927
Mosher, R. F., degree, 1540
Mosher, R. V., degree, 818
Mosier, J. E., appointment, 163
 resignation, 404
Mosko, M. M., appointment, 353, 1182
Moskoff, B. A., degree, 1572
Moskoff, M. C., degree, 1390
Moss, A. J., certificate, 1338
Moss, B. R., degree, 1396
Moss, Mrs. Estelle, appointment, 332, 1174
Moss, F. A. J., fellowship, 678, 1501
Moss, Lucy J., degree, 1556
Moas, M. E., certificate, 1329
Moss, Muriel H., degree, 1576
Moss, R. M., certificate, 1329
Moss, Mrs. Rita, appointment, 1103
Moss, S. P., degree, 577
 fellowship, 1352
Moss, Sally R., degree, 806
Moss, W. G., appointment, 44, 210, 1046
Mosser, N. F., appointment, 272, 1108
Mossey, R. O., appointment, 364, 1192
Mosner, A. E., degree, 1555
Mostafa, M. K. K., degree, 782
Moston, Carol, appointment, 324, 1166
Mostow, A. L., degree, 1396
Motal, Vlasta M., appointment, 318
Mother's Association of the University, gift, 1468
Motor analyzer, Agriculture, appropriation, 521
Motor fitness test, requirement, change, 1323
Motor generator set, Physical Plant, contract, 369
 release of funds, 434
Motorola, Inc., gift, 1212, 1468
Mott, Velma C., degree, 1237
Mottus, E. H., fellowship, 678
Moulden, Vivian J., appointment, 332, 1174
Moulder, P. V., Jr., appointment, 1424
Mouloukas, Helen, degree, 1401
Moulton, M., degree, 1396
Moulton, Mrs. Ruth C., appointment, 1098
Moulton, W. G., appointment, 1379
 degree, 1386
Mount, E. V., degree, 1394
Mountz, E. D., degree, 422
Mouse colony, experimental, appropriation, balance reappropriated, 1199
Mouzakeotis, T. C., appointment, 357, 1185
Moviola Manufacturing Co., purchase, 558
Mowbray, A. Q., Jr., appointment, 134, 701, 969
Mowers, R. I., degree, 585
Mowery, G. L., appointment, 212, 1041
Mowery, Mrs. Nadyne B., appointment, 285, 1121
Mowery, R. W., appointment, 97, 931
 degree, 792
Mowrer, Marie O., degree, 826
Mowrer, O. H., appointment, 83, 136, 916, 971, 1454
Mowry, J. B., appointment, 1179
Moy, E. Y., degree, 594
Moye, H. J., degree, 1561
Moyer, C. A., appointment, 138, 689, 974
Moyer, J. A., appointment, 357, 1185
Moyer, J. E., appointment, 139
 degree, 1282
 resignation, 646
Moyer, Mrs. Opal, appointment, 1124
Moz, R. I., degree, 1567
Mozar, P. I., degree, 831
Mrazek, Mrs. Hazel S., appointment, 397, 510, 1033
Mrowiec, A. K., degree, 1536
Mucha, T. A., appointment, 246, 1085
Muchna, R. J., degree, 799
Muckler, F. A., degree, 806
Mudge, R. B., appointment, 397, 985
 degree, 424
Mudgett, D. E., degree, 1242
Mudgett, Grace L., degree, 1536
Muehrcke, R. C., degree, 824, 1569, 1574
 fellowship, 448, 1278
Mueller, A. E., certificate, 1329
Mueller, A. G., appointment, 96, 114, 929, 948
Mueller, Mrs. Barbara J., appointment, 1127
Mueller, C., appointment, 326, 1167
Mueller, Dorothy, appointment, 8
Mueller, E. A., degree, 803, 1542
 fellowship, 679, 1482
Mueller, G. F., gift, 1219
Mueller, H., appointment, 1154
Mueller, H. F., degree, 453
Mueller, H. L., appointment, 86, 149, 699, 920, 1455
Mueller, Mrs. Irma L., appointment, 1094
Mueller, J. M., degree, 1540
Mueller, J. P., degree, 1566
Mueller, Joan A., degree, 1558
 fellowship, 1479
Mueller, M. G., degree, 1284
Mueller, Marie, appointment, 320, 1159
Mueller, Marilyn D., degree, 1400
Mueller, Miriam E., appointment, 296
Mueller, R., appointment, 1135
Mueller, R. A., degree, 820
Mueller, Robert James, degree, 806
Mueller, Robert John, appointment, 299
Mueller, Mrs. Sophie B., appointment, 1170
Mueller, T., degree, 1553
Mueller, V., Co., purchase, 1416
Mueller, W. E., degree, 803
Mueller, W. H., degree, 828
Mueller, W. K., Jr., degree, 1390
Mueller Construction Co., contract, 471, 1325, 1517
 referred to Committee on Chicago Department, 472
Muffett, June P., appointment, 1164
Muirheid, B. F., appointment, 97, 119, 930, 952
Mula, F. J., degree, 407
Mulder, Mildred J., degree, 1576
Mulhall, Kay, appointment, 1164
Mulhausen, R. O., degree, 810
Mulholland, J. R., degree, 799
Mull, L. R., degree, 586
Mullaney, J. C., degree, 590

- Mullaney, J. T., appointment, 360, 1188
 Mullen, C. C., degree, 452
 Mullen, Katherine A., appointment, 267, 1104
 Mullen, W. H., appointment, 1478
 Muller, D., fellowship, 1483
 Muller, E. H., degree, 1534
 Muller, R. H., appointment, 695
 Mulligan, J. R., degree, 1555
 Mulliken, D. F., degree, 1567
 Mullinix, L. B., certificate, 1292
 Mullins, E. R., Jr., appointment, 1452
 Multach, D., degree, 826
 Multigraph, Division of Services for Crippled Children, purchase, 710
 Multigraph Sales Agency, purchase, 502
 Mulvain, Mrs. Helena S., appointment, 1112
 Mulvaney, D. L., appointment, 100, 934
 Mulvaney, Dorothy V., degree, 1397
 Mulvany, Shirley F., appointment, 1098
 Mulvey, Virginia, appointment, 1160
 Mumford, F. E., degree, 781
 Mumford, W. P., certificate, 488
 Mumford Hall, book stacks, appropriation, balance reappropriated, 39, 1198
 Mumm, J. A., degree, 1555
 Mumps vaccine, research, contract, 769
 gift, 552, 1215
 Mun, A. M., degree, 789
 Munch, C. H., degree, 584
 Mundil, W. R., Jr., certificate, 842
 Munds, H. F., contract, 849
 Mundt, G. H., Jr., appointment, 358, 1186
 Municipal Contagious Disease Hospital, quarters for Department of Preventive Medicine, remodeling, 464
 Munnis, Mrs. Janet B., appointment, 184, 1019
 Munnis, W. V., appointment, 290, 1126
 Munoz, J., appointment, 202, 1037
 Munroe, M. E., appointment, 80, 913, 1452
 leave of absence, 604
 Munse, W. H., appointment, 124, 675, 958
 Munsell, R. F., degree, 806
 Munson, B. E., appointment, 397, 918, 1016, 1424
 degree, 409
 Munson, Mrs. Evelyn B., appointment, 256, 1092
 Munson, J. L., appointment, 271, 1107
 Munson, Mrs. Louise W., appointment, 1127
 Munson, Viola A., degree, 1536
 Muntwyler, Eleanor E., degree, 1238
 Muntyan, M., appointment, 169, 510, 1005, 1506
 Munzer, Charlotte M., appointment, 242, 1081
 Murabito, A. C., degree, 829
 Murao, Mutsuko G., degree, 806
 Murch, W., painting, purchase, 1466
 Murchison, Nola F., degree, 1251
 Murdock, J. E., appointment, 271, 274, 1107, 1110
 Murdock, K. C., fellowship, 775
 resignation, 1353
 Murk, G. D., certificate, 842
 Murphree, A. L., Jr., degree, 801
 Murphy, D. P., degree, 594
 Murphy, E. C., degree, 1568
 Murphy, E. J., degree, 797
 Murphy, Evelyn P., degree, 1560
 Murphy, F. G., appointment, 358, 1187
 gift, 1219
 Murphy, Mrs. Grace J., appointment, 1170
 Murphy, H. D., certificate, 1178
 Murphy, J. F., degree, 806
 Murphy, J. R., degree, 821
 Murphy, Mrs. Josephine M., appointment, 292, 1129
 Murphy, K. H., appointment, 243, 702, 1082
 declination, 878
 Murphy, L. C., degree, 1242
 Murphy, L. J., appointment, 1478
 Murphy, L. W., appointment, 166, 1002
 Murphy, Laurel N., degree, 1576
 Murphy, Mrs. Mary A., appointment, 294, 1130
 Murphy, May J., degree, 1242
 Murphy, R., appointment, 86, 699, 919
 leave of absence, 604
 Murphy, R. D., degree, 597, 1400
 Murphy, Richard E., Jr., certificate, 488
 Murphy, Robert E., degree, 585
 Murphy, R. H., appointment, 358, 1186
 Murphy, S. L., appointment, 85, 699, 919
 Murphy, W. D., Jr., appointment, 119, 952
 degree, 798
 Murphy, W. E., certificate, 842
 Murphy, W. F., Jr., appointment, 208
 resignation, 513
 Murphy, Wandalou, appointment, 265, 1101
 Murray, A. E., appointment, 1228
 Murray, Anna, appointment, 329
 Murray, D. E., appointment, 1292
 Murray, E. F., Jr., degree, 1572
 Murray, H. H., degree, 782
 Murray, Helen R., degree, 415
 Murray, J. A., appointment, 117, 950
 Murray, J. W., degree, 820
 Murray, K. W., degree, 587
 Murray, M., appointment, 1188
 Murray, Margaret C., degree, 407
 Murray, Mary L., appointment, 265, 1101
 Murray, R. E., appointment, 1460
 Murray, R. G., degree, 1400
 Murrell, M. T., appointment, 265, 1101
 Murrell, T. A., appointment, 126, 961
 Murtha, J. F., Jr., degree, 595
 Muscato, S. M., degree, 1389
 Muscular control, effect of drug reaction, study, contract, 1264
 Muscular relaxation, research, contract, 1327
 gift, 553, 1471, 1472
 Museum of Modern Art, contract, 1207
 Museum of Science and Industry, medical exhibit on the human heart, contract, 1346
 Museums, *See* Classical, European Culture, and Natural History.
 Musgrave, G. E., appointment, 292, 1129
 Musgrave, S. D., appointment, 397, 462, 938
 declination, 1234
 Musgrove, H. T., appointment, 282, 1118
 Music, School of, additional quarters, property at 708 South Mathews Avenue, 458
 appropriations, balances reappropriated, 38, 1197
 equipment, 459, 521, 845
 instrument lockers, 492
 instruments, 1259
 remodeling, 521
 budget, 155, 286, 990, 1123
 summer session, 696, 1452
 director, appointment, 336, 672
 resignation, 503
 fellows, 681, 1484
 music education, advanced certificate, 1512
 musicology, graduate program, 1507
 piano, gift, 551
 rebuilding, 376, 440, 711
 purchase, instruments, 467, 670
 piano, 467, 501, 526, 852, 1521
 string instruments, 467
 tape recorders, 852
 scholarship, gift, Anderson, Mrs. Margaret, 547
 Illini Achievement Fund, 547
 Pi Kappa Lambda, 1211
 Presser Foundation, 1211
 Sinai Temple Congregation of Champaign-Urbana, 548, 1211
 Sinai Temple Foundation of Champaign-Urbana, 1468
 Stiven House, improvements, appropriation, 1493
 name, 608

- Musical instruments, Chicago Professional Colleges, appropriation, 435
 Music education, advanced certificate, 1512
 doctor's degree, 761
 Music Extension, appropriations, balances re-appropriated, 38
 budget, 175, 292, 1010, 1128
 Musick, L. K., degree, 407
 Musicology, graduate program, 1507
 Music Research Foundation, Inc., gift, 1213
 Musicus, R. J., certificate, 527
 Mutschler Bros., purchase, 557
 Mutti, R. J., appointment, 95, 688, 928
 declination, 878
 leave of absence, 1408
 Mutual Contracting Co., contract, 464
 Muzak Corp., purchase, 767
 Myer, C. R., degree, 1243
 Myers, Allison, appointment, 9
 Myers, B. R., degree, 1243
 Myers, C. B., degree, 797
 Myers, Evelyn M., appointment, 276, 1112
 Myers, F. C., appointment, 274, 1110
 Myers, Hazel E., appointment, 256, 1092
 Myers, James D., fellowship, 1529
 Myers, James David, degree, 421
 Myers, James David, degree, 585
 Myers, J. J., appointment, 397, 962
 resignation, 1316
 Myers, L. W., appointment, 1130
 degree, 1564
 Myers, M. E., degree, 1567
 Myers, M. W., degree, 412
 Myers, Mary A., degree, 1237
 Myers, Nancy, appointment, 11
 Myers, O. B., Jr., degree, 798
 Myers, O. G., appointment, 297, 1133
 certificate, 41
 Myers, P. G., degree, 1562
 Myers, P. W., degree, 798
 Myers, W. E., degree, 1552
 Myers, W. M., degree, 795
 fellowship, 681, 1485
 Myerson, H. T., degree, 829
 Myklestad, N. O., appointment, 133, 968
 Myles, J., certificate, 1407
 Mylius, L. A., degree, 1399
 Mylonas, C., appointment, 446
 Mynard, F. H., appointment, 119, 952
 Mynaugh, Mrs. Lona T., appointment, 702, 1082, 1314, 1379
 Myrick, Ruth A., appointment, 258
 Myrna, T. D., fellowship, 1529

 Naaf, Lydia, appointment, 323, 1165
 Naborowski, J. G., degree, 803
 Nace, Mrs. Muriel A., appointment, 1141
 Nachbar, M. I., degree, 1563
 Nachtmann, D., degree, 819
 Nachtmann, F. W., appointment, 77, 694, 910
 declination, 778
 Nadeau, O. E., appointment, 362, 1191
 Nadeau, R. E., appointment, 86, 920
 Nadelman, M. S., degree, 420, 1572
 Nadler, J. H., degree, 1568
 Naef, C. A., degree, 803
 Naess, O., fellowship, 679
 Naess & Murphy, architectural services, Animal Sciences Laboratory, 465
 Home Economics Building, 847
 Nagai, Inez, appointment, 248
 resignation, 878
 Nagata, H. T., degree, 810
 Nagel, E. L., appointment, 181, 571, 1016
 Nagel, H. T., appointment, 361, 1189
 Nagle, Mrs. Betty A., appointment, 288
 Nagle, J. W., degree, 587
 Nagle, Sybil K., appointment, 297, 1133
 Naguchi, Mrs. Katherine, appointment, 324
 Nakagawa, Grace E., appointment, 318, 1157
 Nakagawa, Sherrie S., degree, 1561

 Nakamichi, M., degree, 829
 Nakamura, Mrs. Cherie, appointment, 309, 1146
 Nakamura, E. L., degree, 1246
 Nakamura, P. K., degree, 795
 Nakamura, Takashi, degree, 580
 fellowship, cancellation, 683
 Nakanishi, J. J., degree, 419
 Nakao, T. J., degree, 829
 Nakata, H. M., degree, 1558
 Nakayama, J. M., degree, 1571
 Nakayama, Tadasi, appointment, 81
 Nalbandov, A. V., appointment, 102, 936
 Nalbandov, Mrs. Olga G., appointment, 446, 510, 873, 915
 Nalefski, N. P., certificate, 842
 degree, 814
 Naleway, H. W., appointment, 304, 1140
 Nance, Mrs. Elizabeth, appointment, 1119
 Nance, J. F., appointment, 71, 904
 Nance, Mrs. Onnollee, appointment, 1138
 Nance, R. S., degree, 1567
 Nanus, Ruth N., degree, 421
 Napkins, Office Supply Store, purchase, 469
 Narat, J. K., appointment, 675, 1192
 Nardi, Betsy J., degree, 590
 Narowetz Heating & Ventilating Co., contract, 463, 771, 849
 Narrod, S. A., degree, 1285
 Narut, L. F., appointment, 355, 1184
 Nash, C. C., appointment, 126, 873, 961
 resignation, 1502
 Nash, E. F., appointment, 1444
 Nash, Mrs. Elizabeth H., appointment, 324, 1163
 Nash, J. P., appointment, 136, 913, 972
 Naslund, Mrs. Frances N., appointment, 295
 Naslund, K. C., degree, 818
 Nast, R. J., degree, 1558
 Nathan, Eleanor D., degree, 810
 Nathan, J. J., gift, 556
 National Academy of Sciences, contract, 668
 gift, 548, 1212
 National Advisory Committee for Aeronautics, contract, 560
 National Association of Thoroughbred Breeders, gift, 1211
 National Cash Register Co., purchase, 1360
 National Dairy Council, contract, 469, 1327
 National Dairy Products Corp., stock, purchase, 568
 National defense services, students, regulations, 431
 National Distillers' Products Corp., stock, sale, 1420, 1497
 National Drug Co., gift, 552
 National Foundation for Infantile Paralysis, gift, 1472
 National Foundation for Medical Education, Inc., gift, 1472
 National Greenhouse Co., purchase, 376
 National Korectairste Co., contract, 493
 addition, 438
 National Lead Co., gift, Baroid Sales Division, 549, 1468
 Titanium Alloy Manufacturing Division, 1212, 1469
 purchase, 32, 33, 1344
 National Livestock and Meat Board, gift, 1469
 National Oak Wilt Research Committee, gift, 1213
 National Spectrographic Laboratories, purchase, 375, 613
 National Union Fire Insurance Co., insurance, purchase, 711, 768, 769
 National Warm Air Heating and Air Conditioning Association, contract, change, 561, 1360
 Natsi, E., fellowship, 1482

- Natural History Building, air conditioning rooms for Botany, appropriation, 1259 contract, 1259
 fire protection, contract, adjustment, 770, 1209
 remodeling, appropriation, 23, 470, 521, 1339
 balances reappropriated, 38, 39, 1198
 contract, adjustment, 610, 669, 770, 1264, 1345, 1417
 change, 543
 utilities distribution system, changes, contract, 25
 Natural History Museum, budget, 88, 268, 921, 1104
 Natural Resources Building, addition, appropriations, balances reappropriated, 38
 Nau, Mrs. Elizabeth, appointment, 1121
 Nau, R. H., appointment, 126, 446, 961
 Naudzius, D. A., degree, 791
 Naudzius, Ruth W., degree, 586
 Nauert, C. G., Jr., degree, 1238
 fellowship, 877
 Nauheimer, R. R., degree, 1553
 Naujoks, Dorothy J., appointment, 295
 degree, 794
 Naumczik, Jennie, degree, 806
 Naumoff, A. V., degree, 1247
 Naumoff, Mary H., degree, 1247
 Naval aviation college program contract, 33, 523
 Naval Science, budget, 176, 293, 1011, 1129
 Navigato, R. F., degree, 821
 Navy, contract, 33, 378, 469, 523, 560, 610, 668, 713, 769, 1206, 1207, 1327, 1360, 1464
 change, 561, 610, 713, 769, 1208, 1306, 1328, 1345
 officers assigned to duty at University, academic ranks, 1337
 Navy Pier Drill Hall, fire insurance, purchase, 614
 Navy Reserve Officers' Training Corps, books and supplies, contract, 523
 Nay, T. E., degree, 590
 Naylor, Mrs. Grayce E., appointment, 260
 Neal, H. J., degree, 1574
 Neal, J. P., appointment, 126, 961
 Neal, J. W., Jr., degree, 594
 Neal, P. E., degree, 815
 Neal, W. T., degree, 826
 Neal & Whalen, purchase, 376
 Nealon, T. P., degree, 1551
 Neathery, W. D., certificate, 488
 Necheles, J. R., appointment, 354, 1182
 Necheles, R. M., degree, 804
 Nechuta, G. O., degree, 829
 Neckers, Nancy A., degree, 1564
 Neder, Dorothy P., degree, 1396
 Neder, G. R., degree, 1394
 Nedwick, Lucile, appointment, 306, 1143
 Nedzel, A. J., appointment, 208, 1044
 Neef, H. P., degree, 829, 1058
 Neely, Florence E., degree, 781
 Neely Printing Co., Inc., contract, change, 523
 purchase, 30, 340, 468
 Neenah Foundry, purchase, 1416
 Nees, H. H., appointment, 297, 1460
 degree, 1392
 Neff Kohlbusch & Bissell, purchase, 1344
 Neff, L. L., degree, 826
 Nehama, I. D., degree, 1389
 Nehrhorn, W., degree, 1568
 Neiderpruem, Mrs. Janice L., appointment, 1092
 Neiditch, W., degree, 1570
 Neighbor, J. B., degree, 1556
 Neiler, Rich, and Bladen, contract, 502
 Neill, J. C., degree, 1533
 Neilson, G. E., appointment, 300
 Neiman, Mrs. Ida, appointment, 333, 1175
 Neiman, R. L., degree, 595, 1387
 Neiswanger, W. A., appointment, 140, 976
 Nejd, R. J., degree, 1572
 Nejib, Suhaila S., degree, 1558
 Nejim, Hassan T., degree, 1386
 Nelson, A. I., appointment, 106, 939
 Nelson, A. P., degree, 814
 Nelson, A. R., certificate, 41
 Nelson, B. G., appointment, 354, 1182
 Nelson, Mrs. Bonnie A., appointment, 1104
 Nelson, C. E., degree, 798
 Nelson, C. L., degree, 592
 Nelson, Carol E., degree, 1566
 Nelson, D. E., appointment, 274, 1110
 Nelson, D. G., degree, 824, 1574
 Nelson, D. G. H., degree, 826
 Nelson, D. K., degree, 1396
 Nelson, D. M., degree, 798
 Nelson, Dorothy, appointment, 203, 1038
 Nelson, Mrs. Dorothy P. M., appointment, 571, 695
 Nelson, Mrs. Elaine W., appointment, 1157
 Nelson, Mrs. Ellen, appointment, 306
 Nelson, Erma E., appointment, 258
 Nelson, Esther C., degree, 1560
 Nelson, F. E., degree, 798
 Nelson, G., certificate, 1338
 Nelson, G. E., degree, 1566
 Nelson, Gerald K., certificate, 42
 Nelson, Gordon K., degree, 587
 Nelson, G. R., degree, 424
 Nelson, H. C., appointment, 128, 963
 Nelson, Hazel M., appointment, 317, 1155
 Nelson, I., Jr., degree, 1395
 Nelson, I. M., Jr., degree, 797
 Nelson, J., appointment, 1499
 Nelson, James A., appointment, 123, 957
 degree, 1539
 Nelson, John A., degree, 1401
 Nelson, J. C., appointment, 293, 1129
 Nelson, J. T., appointment, 364
 Nelson, Jacqueline M., degree, 1566
 Nelson, Mrs. Jo Ann, appointment, 258
 Nelson, K. O., degree, 831
 resignation, 646
 Nelson, L. D., degree, 406
 Nelson, L. G., degree, 812, 818
 Nelson, L. P., appointment, 177, 1013
 degree, 1236
 Nelson, Lillian, appointment, 12
 Nelson, Mrs. Mary E., appointment, 1175
 Nelson, Mrs. Mary R., appointment, 285, 1122
 Nelson, N. H., degree, 1572
 Nelson, Natalie A., degree, 806
 Nelson, Nevilyn Y., degree, 1559
 Nelson, P. O., degree, 588
 Nelson, R. E., degree, 1251
 Nelson, Robert Allen, degree, 1574
 Nelson, Robert Arthur, degree, 1553
 Nelson, R. E., appointment, 1314
 Nelson, R. J., degree, 823
 Nelson, Richard L., degree, 420
 Nelson, Robert L., degree, 1390
 Nelson, R. W., appointment, 1129
 Nelson, Severina E., appointment, 86, 147, 699, 700, 919, 983, 1455, 1456
 cerebral palsy work, funds, gift, 548, 1211
 Nelson, Shirley D., degree, 1556
 Nelson, Mrs. Shirley P., appointment, 294
 lease, 1208
 Nelson, Mrs. Theo, appointment, 186, 1021
 Nelson, V. L., degree, 812
 Nelson, Mrs. Valerie J., appointment, 1104
 Nelson, W. C., degree, 1539
 Nelson, W. J., degree, 815
 Nelson, W. O., appointment, 104, 938
 degree, 782
 Nemanich, W. J., degree, 797
 Nemec, G. J., degree, 797

- Nemecek, J. G., appointment, 1314
 Nemerovski, S. A., degree, 1574
 Nemeth, L. P., Jr., degree, 803
 Nephritis, research, gift, 1219
 Nerad, Mrs. Dorothy, appointment, 314, 1152
 Nerad, Josephine, appointment, 1145
 Nerad, R. A., certificate, 1329
 Nergard, J. E., degree, 455
 Nerhus, Hildred G., degree, 1536
 Neri, D. J., degree, 454
 Nero, L. C., degree, 808
 Nervous system, effect of betatron X-ray beam, research, gift, 1217
 Nesbitt, Janet A., degree, 1247
 Nesheim, R. O., degree, 781
 resignation, 646
 Nesler, Florence, appointment, 292, 1128
 Nesline, F. W., fellowship, 679
 declination, 683
 Nestel Products, purchase, 559
 Nester, N. W., appointment, 298, 1135
 Nethercut, G. W., appointment, 357
 Nettles, J. B., appointment, 357, 1041
 Neu, Mary E., degree, 1558
 Neubauer, Gwen E., degree, 819
 Neubauer, H. F., appointment, 296
 Neuber, Anna L., appointment, 289
 Neubert, H. G., degree, 1399
 Neuberger, R. R., gift, 1471
 Neuendank, P. E., certificate, 1338
 Neuhaus, J. O., degree, 591, 1538
 Neuhausen, Dolores E., degree, 418
 Neuhäuser, Irene, appointment, 352, 1180
 Neuhoﬀ, E., degree, 1558
 Neuman, S., degree, 1398
 Neumann, A. L., appointment, 102, 936
 Neumann, Audrey A., degree, 1550
 Neumann, D. A., degree, 1241
 Neumann, Mrs. Ilse E., appointment, 242, 1081, 1457
 Neumann, Mrs. Rose-Alice, appointment, 287, 1123
 Neumiller, H. J., Jr., degree, 1540
 fellowship, 1481
 Neunaber, C. E., degree, 1400
 Neunaber, E. C., degree, 1236
 Neurology and Neurological Surgery, budget, 205, 309, 1040, 1146
 clinical faculty, 356, 1184
 equipment, appropriation, 1324
 Neuromuscular skeletal pathology, research, gift, 554, 1472
 Nevada Street, property at 1005 West, appropriation, balance reappropriated, 39
 remodeling, appropriation, 611
 contract, adjustment, 561, 610, 669, 713, 865, 1306
 Nevara, R. E., degree, 596
 Nevens, D. L., appointment, 948
 Nevens, W. B., appointment, 104, 115, 937
 Neville, Jeanne C., degree, 806
 Nevins, R. G., Jr., fellowship, 1352
 Nevitt, M. V., fellowship, 1529
 Newar, Leila H., degree, 825
 Newark Electric Co., purchase, 375, 1205, 1360
 Newberger, C., appointment, 356, 1185
 New Berlin Community Unit 16, contract, 1305
 Newby, G. E., Jr., appointment, 246
 declination, 448
 Newcom, M. E., degree, 1242
 Newcomb, R., appointment, 152, 153, 158, 510, 987, 988, 992
 message of appreciation, festival of contemporary arts, 1475
 Newcomer, H. A., degree, 816
 Newcomer, H. L., appointment, 139, 689, 974
 leave of absence, 1353
 Newell, Mrs. Barbara P., appointment, 267
 Newell, G. F., resignation, 573
 Newell, G. S., Jr., appointment, 1478
 Newell, J. C., degree, 1560
 Newhouse, W. E., appointment, 265
 Newkirk, Mrs. Elaine F., appointment, 77, 910
 Newkirk, T. A., appointment, 279, 1115
 Newland, T. E., appointment, 737, 980, 1228, 1448
 Newlin, Genevieve B., degree, 800
 Newlin, W., member of advisory committee, 1194
 Newlin, W. B., degree, 818
 Newman, C. T., fellowship, 682, 1485
 declination, 1487
 Newman, E. A., appointment, 352, 1183, 1314
 Newman, Edith L., appointment, 10
 Newman, Frances B., degree, 1396
 Newman, H. A. I., degree, 812
 Newman, J. A., degree, 1555
 Newman, J. H., appointment, 176, 1012
 Newman, J. S., degree, 826
 Newman, M., degree, 829
 Newman, R. E., degree, 586
 Newman, S., appointment, 311, 1148
 Newman, T. B., degree, 1558
 Newmark, N. M., appointment, 124, 571, 958, 1446
 Newport, Marion C., degree, 1566
 Newquist, E. K., certificate, 842
 News-Gazette, purchase, 767
 Newsprint, Alumni Association, purchase, 1344
 Newton, Elaine, appointment, 306
 Newton, Elizabeth S., appointment, 10, 1307
 Newton, J. F., degree, 803
 Newton, R. K., appointment, 173, 1009
 Newton, W. M., degree, 1568
 Newton, Mrs. Winifred C., appointment, 275, 397, 944
 resignation, 1487
 Newton, Marilyn L., degree, 1563
 New York Blower Co., purchase, 525
 New York Central Railroad Co., contract, 1209
 lease, 1209
 New York Fire & Mutual Insurance Co., purchase, 32
 Nianick, L. M., appointment, 359
 Nice, Shirley J., appointment, 645, 1228
 degree, 789
 Nicely, Clara K., appointment, 1099
 Nichol, J. B., certificate, 488
 Nicholas, Constance, appointment, 76, 694, 909, 1449
 degree, 576
 Nicholas, Mrs. Mildred, appointment, 1163
 Nichols, A. J., degree, 790
 Nichols, Mrs. Barbara, appointment, 1107
 Nichols, C. F., degree, 1571
 Nichols, C. L., degree, 584
 Nichols, M. H., appointment, 1448
 Nichols, Mary, degree, 806
 Nichols, Rachel B., appointment, 321
 Nicholson, Carol R., degree, 1564
 Nicholson, Evelyn N., appointment, 264
 Nicholson, G. J., certificate, 42
 Nicholson, J. A., appointment, 81, 914, 1453
 Nicholson, J. J., degree, 1398
 Nicholson, R. B., degree, 423
 Nicholson, R. L., appointment, 244, 1083
 Nick, E. C., degree, 814
 Nickel, Martha R., appointment, 1308
 Nickell, Patricia A., degree, 1396
 Nickell, Rosa M., appointment, 266, 1102
 Nickell, V. L., elected President Pro Tempore, 600
 Nickels, R. C., degree, 797
 Nickels, W. A., appointment, 397, 510, 774, 1012
 declination, 1234

- Nicklas, D. R., appointment, 44, 397, 477
degree, 408
resignation, 732
- Nicolai, Mrs. Florence, appointment, 308, 1144
- Nicolaides, E. D., degree, 1385
- Nicolaides, Rita K., degree, 1285
- Nicoll, Joan, degree, 786
- Nidetz, Melvin, degree, 591
- Nidetz, Milton, degree, 810
- Niederbrach, O. J., degree, 1561
- Niederer, Mrs. Deloris, appointment, 328,
1170
- Niederman, I. M., degree, 1570
- Niederman, Sara C., appointment, 242, 702,
1081
- Nieling, Martha, appointment, 311, 1149
- Nielsen, C. R., degree, 1393
- Nielsen, D. S., degree, 1563
- Nielsen, Doris, appointment, 308, 1144
- Nielsen, Mrs. Lorraine M., appointment, 161,
698, 996, 1453
- Nielsen, Ruth A., appointment, 303
- Nielson, P. E., appointment, 211, 675, 1033,
1047
- Nielson, T. H., appointment, 300, 1137
- Nieman, R. L., degree, 1395
- Niemeyer, Sue, fellowship, 1501
- Niemi, O. A., degree, 1577
- Nieminski, J., degree, 1555
- Nienhaus, Peggy E., degree, 590
- Nienstedt, F. J., degree, 1561
- Niesen, W. R., degree, 1563
- Niespodzani, Josephine, appointment, 1163
- Niewiadomy, J. E. C., degree, 1562
- Nightingale, D. W., degree, 1397
- Nikelly, J. G., degree, 1557
- Niles, D. E., fellowship, 1484
- Niles, L., appointment, 1188
resignation, 1280
- Nilson, R., degree, 1391
- Ninness, A. W., degree, 1242
- Nish, D. L., degree, 1563
- Nishimura, M. S., appointment, 136, 477,
971, 1333
resignation, 404
- Nisius, Beatrice T., appointment, 10, 1307
- Nisley, Anne, appointment, 334
- Nix, Dr. and Mrs. D., gift, 1219
- Nixon, H. K., Jr., degree, 1536
- Nixon, L., degree, 1555
- Nixon, W. G., degree, 821
- Noble, C. M., degree, 1248
- Noble, J. P., degree, 424
- Noble, Louise M., appointment, 1163
- Noble Motor Co., purchase, 343, 376, 671
- Nocek, Antoinette P., degree, 421
- Nock, F. J., appointment, 79, 912, 1450
- Noda, J. M., degree, 595
- Noecker, R. A., appointment, 291
- Noel, Elisabeth, appointment, 1275
- Noerdinger, G. J., degree, 1243
- Noffe, E. H., degree, 1541
- Nofftz, Edna L., appointment, 258, 1094
- Noggle, T. S., appointment, 675, 968
degree, 1245
- Nolan, A. W., appointment, 144, 979
- Nolan, D. W., degree, 1251
- Nolan, Grace M., appointment, 243, 1082,
1458
- Nolan, J. M., degree, 1553
- Nolan, K., appointment, 208, 477, 510, 1189
- Nolan, M. E., degree, 1544
- Nolan, R. M., appointment, 141, 691, 976
- Noling, M. N., degree, 1552
- Noll, Esther G., degree, 1541
- Noll, J. D., degree, 1559
- Noll, J. O., degree, 1541
- Nolte, R. C., Jr., fellowship, 1352
resignation, 1487
- Nonacademic budget, Chicago Professional
Colleges, 305, 1141
- Chicago Undergraduate Division, 330, 1172
summary, 254
- Urbana-Champaign departments, 254, 1092
- Nonacademic employees, civil service class
specifications and salary ranges, changes,
12, 737
- policy and rules relating to compensation
and working conditions, administration,
1441
- amendment, disability leave with pay,
1515
holidays, 1514
overtime pay, 1515
vacations with pay, 1516
work week, 1515
- revisions, 1418, 1426
- Nonacademic Personnel Committee, appoint-
ment of administrative staff of Univer-
sity Civil Service Merit Board report,
1311
- letters from labor organizations, 1332
- members, 1405
- name, 772
- policy and rules relating to nonacademic em-
ployees, amendments, 1517
- Nonacademic Personnel Office, appropriations,
balances reappropriated, 1196
- budget, Chicago Professional Colleges, 198,
307, 1034, 1143
- Chicago Undergraduate Division, 239,
331, 1078, 1173
- Urbana-Champaign departments, 62, 261,
895, 1097
- Nonresident students, admission requirements,
1323
- tuition fee, increase, 539
- Noonan, J. E., degree, 423
- Noonan, W. S., degree, 1555
- Noordhoff, B. H., degree, 416
- Noordhoff, L. J., appointment, 117
- Norbeck, D. E., degree, 1574
- Norberg, Betty J., appointment, 307, 1144
- Norberg, R. A., degree, 1394
- Norberg, R. E., appointment, 510, 774, 1228,
1350
degree, 576
- Nordensten, D. E., certificate, 842
- Nordheden, A. P., degree, 1390
- Nordhoff, L. J., appointment, 950
- Nordmeyer, M. D., degree, 798
- Nordquist, L. E., degree, 801
- Nordsieck, A. T., appointment, 131, 966, 1424
- discovery, patent rights, release, 1300
- leave of absence, 574, 1235
- Nordstrom, J. E., appointment, 1314
degree, 1569
resignation, 1383
- Noreen, A. E., appointment, 129, 964
degree, 583
leave of absence, 1280
- Norgaard, K. O., degree, 823
- Norland, Suzette M., degree, 1559
- Norlander, R. P., degree, 1394
- Norling, Frances M., degree, 806
- Norman, E. C., appointment, 362, 1190
- Norman, E. R., Jr., appointment, 246, 1084
- Norman, F. R., degree, 806
- Norman, J. L., degree, 1549
- Norman, N. F., appointment, 79, 912, 1451
- Norman, V. C., appointment, 303, 1139
- Norris, Mrs. Alphild F., appointment, 319,
1158
- Norris, Beverly J., degree, 1555
- Norris L., gift, 1211
- North, Marilyn A., degree, 1560
- North, W. D., degree, 1562
- North Electric Manufacturing Co., gift, 1214

- Northern Bank Note Co., bid, 622
 Northern Illinois Experimental Field, combine, purchase, 712
 development, funds, gift, 550
 revolving account, budget, 101, 935
 Northern Illinois Water Corp., contract, 1360
 rates, increase, appeal, 1513
 proposed, 862
 report, 1361, 1493
 Northern Indiana Public Service Co., stock, sale, 507, 1291
 North Greenhouse, alteration, appropriation, balance reappropriated, 1196
 Northrup, King, & Co., contract, 440
 Northway, D. E., degree, 1401
 Northwestern National Insurance Co., insurance, purchase, 1466
 Norton, Corliss L., degree, 791
 Norton, F. B., appointment, 268, 1104
 Norton, H. W., appointment, 92, 925
 Norton, Lenell, degree, 791
 Norton, L. J., appointment, 94, 98, 927, 932
 Norton, Lois M., degree, 415
 Norton, M. N., appointment, 278, 1114
 Norton, Reeve W., degree, 1242
 Norton, Richard W., degree, 1387
 Norton, W. B., appointment, 298, 1134
 Norville, Mrs. Pauline F., appointment, 1478
 Norwich Wire Works, Inc., purchase, 615
 Norwood, G. J., degree, 454
 Notarius, M. S., degree, 824, 1573
 Notices of employment, nonacademic employees, regulations, 1441
 Noto, F. M., degree, 829
 Nouzak, Mrs. Doris, appointment, 326, 327, 1175
 Novak, C. A., Jr., degree, 585
 Novak, M. V., appointment, 202, 222, 446, 1037, 1059
 Novak, Marilyn A., degree, 822, 1571
 Novak, Mrs. Mary E., appointment, 325, 1167
 Novick, R., appointment, 361, 1190
 Novosel, Mildred A., degree, 806
 Novotny, A. J., fellowship, 1501
 declination, 1530
 resignation, 646
 Nowak, Mrs. Alice S., appointment, 318
 Nowak, J. F., certificate, 42
 Nowak, Mrs. Norma B., appointment, 1154
 Nowell, C. E., appointment, 79, 912, 1450
 Nowicki, H. E., degree, 582
 Nowicki, L. M., degree, 597
 Nowlan, F. S., appointment, 243, 702, 1082
 Nowlin, G., appointment, 44
 Noyes, F. B., appointment, 215, 1051
 Noyes, LaVerne, estate, University's interest, liquidation, plan, 567
 Noyes Laboratory, equipment, appropriation, 470
 fire prevention and safety improvements, contract, 544
 adjustment, 770, 1345
 fume hoods and safety showers, contract, electrical work, 527
 general work, 527
 heating, 527
 plumbing, 527
 ventilating, 527
 purchase, laboratory furniture, 469, 557
 monorail equipment, 614
 steel and iron, 614
 steel stairs, 468
 ventilating fans, 525
 wall bench assembly, 853
 remodeling, appropriation, 346, 470, 1199, 1461
 balances reappropriated, 37, 39, 1198
 contracts, 345, 1202
 adjustment, 524, 561, 610, 611, 668, 669, 713, 770, 1209, 1264, 1345, 1361, 1417, 1418, 1465, 1521
 change, 528
 prevailing wage rates, schedule, 1204
 Noyes, R., appointment, 1118
 Nudelman, H. B., degree, 1395
 Nugent, Mrs. Mary A., appointment, 1104
 Nugent, R. L., appointment, 265
 Nugent, T. J., appointment, 160, 181, 697, 995, 1453
 Nunemacher, R. O., degree, 811
 Nursery School, budget, 182, 294, 1017, 1131
 summer session, 697, 1452
 Nurses, housing in Presbyterian Hospital
 Nurses Home, 1260
 Nurses Residence, Research and Educational Hospitals, budget, 228, 321, 1067, 1163
 tuckpointing, contract, 1360
 Nursing affiliation program, budget, 223, 315
 faculty, appointment, 7
 Nursing Department, Research and Educational Hospitals, budget, 228, 319, 1066, 1158
 Nursing, School of, budget, 223, 315, 1059, 1152
 curriculum, 1510
 degrees conferred, 827, 1575
 diplomas, 1575
 established, 1339
 faculty, appointment, 1306
 prenursing curriculum, 537
 Nusbaumer, A., degree, 579
 Nuss, G. L., Jr., degree, 1552
 Nutrition Foundation, Inc., gift, 1213
 Nutrition research, contract, 33, 378, 469, 668, 1305, 1327, 1464
 change, 668, 713, 1208, 1306, 1344, 1464
 gift, 553, 1213
 Nutrition Research Laboratories, gift, 553
 Nuveen, J., & Co., bond issue for Men's Residence Halls, 1356, 1362
 Nygaard, J. E., fellowship, 1485
 Nygaard, Mrs. Nancy D., appointment, 1092
 Nygren, Rose M. N., degree, 1556
 Nykaza, E., degree, 420
 Nyquist, R. E., degree, 1572
 Nystrom, J. A., degree, 1240
 Nystrom, Janice, appointment, 248, 701, 1086
 Nystrom, R. F., appointment, 102, 136, 446, 971
 Nystrom, W. O., degree, 588
 Oakes, Ruth A., degree, 806
 Oakes, V. P., appointment, 281, 1117
 Oakey, J. A., appointment, 1528
 Oakley, M. L., degree, 821
 Oakley, Mary L., appointment, 329, 1170
 Oak wilt disease, research, gift, 1213
 Oakwood Coal Co., purchase, 1495
 Oates, W. R., degree, 590
 Obal, T. J., degree, 1532
 O'Bannon, Odessa C., degree, 808
 O'Bannon, R. H., appointment, 76, 1127
 O'Beirne, Agnes, degree, 1250
 Oberhill, H. R., appointment, 356, 1184
 Obodzinski, H., appointment, 325, 1167
 Obrecht, W. H., degree, 814
 Obrecht, Yvonne M., degree, 815
 O'Brien, J. C., degree, 810
 O'Brien, Alice L., degree, 1242
 O'Brien, D. E., appointment, 355, 1184
 O'Brien, Margaret, appointment, 327, 1169
 O'Brien, Marie A., appointment, 285, 1122
 O'Brien, R. E., degree, 592, 1392
 O'Brien, W. T., degree, 1396
 O'Brien, Mrs. Yvonne, appointment, 300
 Obst, A. H., degree, 418
 Obstetrics and Gynecology, appropriations, balances reappropriated, 1199
 budget, 206, 309, 1041, 1146
 clinical faculty, 356, 1185
 hospital equipment and furniture, purchase, 837
 hospital quarters, remodeling, contract, 471
 O'Byrne, Patricia A., degree, 1563
 O'Byrne, W. T., degree, 597
 Ocock, G. F., degree, 1545

- Occupational Therapy, budget, Medicine, 210, 310, 1042, 1146
 Research and Educational Hospitals, 322
 department established, 489
 gift, funds, 554, 556, 1217, 1473
 scholarship, Illinois Association for the Crippled, Inc., 547, 1210, 1467
 Illinois Federation of Women's Clubs, 547, 1210, 1467
- Ochi, H., certificate, 488
- Ockert, J. D., degree, 810
- O'Connell, M. V., degree, 417
- O'Connor, B. G., appointment, 265, 1113
- O'Connor, F. R., appointment, 281, 1117
- O'Connor, R. E., degree, 826
- O'Connor, T. M., appointment, 277, 1113
- O'Connor, W. K., degree, 417
- O'Dair, R. T., degree, 1237
- Odell, C. W., appointment, 144, 692, 980, 1447
- Odell, R. T., appointment, 99, 932
 leave of absence, 779
- Oden, J. B., degree, 590
- Oden, R. J. E., appointment, 363, 1191
- Odeneal, Josephine, appointment, 10, 1307
- Odum, Jerrilene, degree, 423
- O'Donnell, D. P., appointment, 298, 1134
- O'Donnell, E. T., degree, 1540
- O'Donnell, J., appointment, 313, 1150
- O'Donnell, L. J., degree, 818
- O'Donnell, T. E., appointment, 153, 988
- O'Donnell, Thelma K., degree, 582
- Odontome formation, research, gift, 1217
- Oehmke, C. M., appointment, 256, 1093
- Oehmke, G. J., appointment, 280, 1116
- Oehmke, Mrs. Virginia W., appointment, 1124
- Oehring, T. S., certificate, 488
- Olke, Mrs. Bernice K., appointment, 1121
- Oertel, R. C., degree, 452
- Oesterling, Jane, appointment, 73
 declination, 404
- Oestreich, W. H., appointment, 331, 1173
- Offenstein, Mary A., appointment, 1111
- Office of Rubber Production, contract, change, 1344
- Officers, Board of Trustees, delegation of signatures, 601, 1404
 election, 600, 1404
- Office Supply Storeroom, purchase, air-conditioning units, 712
 envelopes, 466, 467, 614
 examination books, 672, 1206
 files, 671
 order forms, 711
 paper, 342, 343, 526, 557, 614, 768, 1263, 1305, 1466
 paper napkins, 469
 recording tape, 1305
- Official Test Revolving Account, budget, 105, 272, 939, 1108
- Offner, D. H., appointment, 129, 964, 1380, 1452
- Offringa, R. J., degree, 1565
- Offset duplicator, Extension Service in Agriculture and Home Economics, purchase, 502
- O'Flaherty, S. J., degree, 1555, 1557
- Oftedahl, C., appointment, 78
- Ogata, K., degree, 1570
- Ogilvie, J. T., fellowship, 1483
 declination, 1487
- Ogle, C. W., degree, 798
- Ogle, L., appointment, 1148
- Ogle, Mrs. Maude, appointment, 1102
- Ogle, R. B., degree, 1534
- Oglesby, E. V., appointment, 176, 1012
 cancellation, 1280
- Ogren, R. E., appointment, 1456
- Ogrodnay, Jeannette B., appointment, 324, 1166
- O'Hair, R. C., certificate, 1490
- O'Halleran, D. W., degree, 1553
- O'Halloran, Mrs. Lydia C., appointment, 316, 1154
- O'Hara, J. L., degree, 798
- O'Hart, Maureen, appointment, 320, 1159
- Ohio Chemical Co., gift, 553
 purchase, 1305, 1416
- Ohlendorf, L. F., degree, 1568
- Ohler, E. A., appointment, 210, 1047, 1314
 degree, 1569
- Ohlgren, R. R., degree, 801
- Ohlsen, C. E., Jr., degree, 1536
- Ohlsen, M. M., appointment, 148, 980, 983
 leave of absence, 1353
- Ohlson, N. G., degree, 804
- Ohlzen, R. E., appointment, 305, 1142
- Ohman, J. E., degree, 590
- Ohmite Manufacturing Co., contract, 1327
- Ohnysty, B., Jr., appointment, 1380
 degree, 1393
- Ohnysty, Julia, degree, 1550
- Ohr, Helen E., degree, 806
- Ohrvall, Mrs. Gretchen, appointment, 1163
- Ohse, C. R., degree, 584
- Oil, fuel, purchase, Aeronautical Engineering, 375
 Aviation, 375
 Physical Plant, 501
- Oink, Ethel G., appointment, 250
 resignation, 479
- O'Kane, C. R., appointment, 364, 1192
- O'Keefe, Dolores, appointment, 1108
- O'Keefe, Philomena, appointment, 1160
- O'Kelly, L. L., appointment, 83, 916
- Okita, T. Y., degree, 1567
- Okubo, E. T., degree, 1555
- Olander, C. F., Jr., degree, 820
- Olander, R. L., degree, 801
- Old Ben Coal Co., gift, 548, 1211, 1468
- Oldberg, E., appointment, 205, 1040
 member of advisory committee, 562
- Oldfather, Margaret, appointment, 168, 183
 resignation, 778
- O'Leary, E. J., degree, 1283
- Olech, E., appointment, 219, 1055
- Oleck, A. R., appointment, 357, 1185
- Oleksy, Mrs. Margaret H., appointment, 242, 1081, 1275
- Olenginski, L. S., degree, 1544
- Oler, Ethel L. R., degree, 814
- Oler, Mrs. G. Louise, appointment, 302
- Oleszkiewicz, C. J., appointment, 333, 1174
- Olfanos, Stella N., appointment, 330, 1172
- Olin, Ruth E., degree, 810
- Olinger, Mrs. Beulah N., appointment, 186, 1022, 1228
 degree, 415
- Olin Industries, Inc., gift, 1468
 Western Cartridge Division, 549, 1213, 1469
- Oliphant, C. P., certificate, 1507
- Oliphant, W. J., certificate, 1329
- Oliver, D. C., appointment, 281, 1117
- Oliver, G. A., degree, 803
- Oliver, J. V., appointment, 531, 1192
- Oliver, Jeanne, appointment, 1159
- Oliver, M. J., degree, 587
- Oliver, R. E., appointment, 694, 1275
 degree, 1282
- Oliver, R. L., degree, 592
- Oliver, R. P., appointment, 73, 85, 691, 699, 906, 919
- Oliver, W. A., appointment, 124, 691, 958, 1447
- Oliver, W. P., appointment, 322, 1164
- Oliver Machinery Co., purchase, 559
- Oliveri, P. W., degree, 806
- Oliverio, Mrs. Josephine P., appointment, 1142
- Olivet, Margaret, appointment, 1143
- Oliviero, Anita, appointment, 1109
- Olkon, D. M., appointment, 211, 1047
- Oller, Ann K., appointment, 446, 1451
 degree, 582
- Olney Agricultural Experiment Farm, sale, approved, 565
 recommendation of Committee on Agriculture, 564
 referred to Committee on Agriculture, 496

- O'Loughlin, R. W., Jr., degree, 1562
 Olschansky, Harriet, degree, 811
 Olsen, Mrs. Alice, appointment, 325, 1167
 Olsen, C. E., appointment, 243, 1082, 1314, 1380, 1457
 Olsen, J. R., degree, 424
 Olsen, M. R., degree, 1248
 Olsen, N. L., degree, 590
 Olsen, R. E., degree, 1568
 Olsen, Mrs. Violet, appointment, 322, 1164
 Olson, A. H., degree, 1237
 Olson, A. L., degree, 581
 Olson, B. E., degree, 422
 Olson, B. P., certificate, 42
 Olson, D. N., degree, 593
 Olson, E. T., certificate, 842
 Olson, H. G., degree, 1553
 Olson, Helen V., degree, 818
 Olson, Jean A., degree, 1559
 Olson, L., appointment, 1175
 Olson, L. E., certificate, 842
 Olson, L. W., appointment, 86, 700, 920, 1456
 Olson, Lois M., appointment, 268, 1104
 Olson, R. A., degree, 824, 1574
 Olson, R. C., appointment, 257, 1093
 Olson, R. E., degree, 823
 Olson, R. G., degree, 824, 1574
 Olson, R. S., degree, 590
 Olson, S. W., appointment, 200, 204, 226, 230, 231, 1036, 1039, 1061, 1063, 1065
 Olson, T. F., Jr., certificate, 1338
 Olson, Virginia J., degree, 1566
 Olson Designers, contract, 1346
 Olwin, J., appointment, 363, 1192
 Oman, M. C., fellowship, 513, 1486
 Oman, Mary L., degree, 1555
 Omarzu, J. H., degree, 1251
 O'Meara, T. R., appointment, 571, 962
 discovery, patent rights, release, 1418, 1463
 O'Meara, W. L., certificate, 1329
 Omens, D. V., appointment, 352
 Omens, H., appointment, 352, 1180
 Ondrak, T. B., appointment, 243, 702, 1082, 1458
 Ondrejcin, J. J., degree, 450
 Ondrejcin, R. S., degree, 810
 O'Neal, C. R., degree, 815
 O'Neal, Delia A., degree, 1558
 O'Neal, Gloria J., appointment, 1112
 O'Neal, Marcia J., degree, 1555
 O'Neal, Opal B., degree, 1250
 O'Neil, Mrs. Thelma S., appointment, 269, 1105
 O'Neill, Alice C., degree, 806
 O'Neill, Edna, appointment, 321, 1160
 O'Neill, Mabel I., appointment, 268, 1104
 O'Neill, R. E., appointment, 1275
 degree, 786
 Ongman, Mrs. Evelyn M., appointment, 279, 1115
 Ongman, H. D., appointment, 124, 957
 degree, 1539
 resignation, 1530
 Onishi, S., degree, 1536
 Ooka, S. T., degree, 1394
 Opelt, R. W., degree, 1561
 Openshaw, J. C., degree, 803
 Operating rooms, Research and Educational Hospitals, appropriation, 521
 budget, 228, 322, 1067, 1164
 Operating tables, Veterinary Medicine, purchase, 1520
 Operative Dentistry, budget, 219, 314, 1055, 1151
 Opferkuch, R. E., certificate, 1338
 Ophthalmology, budget, 206, 309, 1042, 1146
 clinical faculty, 357, 1186
 Opoka, Wanda, appointment, 320, 1159
 Oppenheimer, Audrey C., degree, 420
 Opsahl, J. F., degree, 706
 Optical equipment, Mining and Metallurgical Engineering, purchase, 1360
 Optical goods, Illinois Eye and Ear Infirmary, contract, 1261
 purchase, 1521
 Optron Laboratory, purchase, 344
 Oral and Maxillofacial Surgery, budget, 219, 314, 1055, 1151
 research, gift, 1217
 Oral Pathology, budget, 220, 314, 1056, 1151
 research, gift, 555
 Oral surgery, postgraduate curriculum, 1322
 Oram, R. W., degree, 415
 Oram, Virginia W., degree, 452
 Orcutt, Charlotte E., degree, 1550
 Orcutt, J. D., degree, 1549
 discovery, patent rights, release, 1513
 Orcutt, Mrs. Joan L., appointment, 276, 1112
 Ordal, Z. J., appointment, 106, 939
 Ordemann, Mrs. Lillian M., appointment, 286
 Ore, Mrs. Alice R., appointment, 260
 Ore, F. R., degree, 803
 Oregon Street, property at 1204 West, purchase, 459
 appropriation, 459
 remodeling, appropriation, 1339
 contract, adjustment, 1417
 Organ console, Auditorium, appropriation, balance reappropriated, 365
 Organic acid metabolism, research, contract, 560
 Organizations, University membership, budget, 68, 901
 Oriatti, M. D., degree, 810
 Orkild, P. P., degree, 1558
 Orloff, M. J., degree, 826, 830
 Orman, Doris B., degree, 1237
 Orman, J. N., degree, 1242
 Ormiston, E. E., appointment, 104, 938
 Ormsbee, A. I., appointment, 122, 956
 Ormsbee, E. E., degree, 1242
 Ormsby, O. S., appointment, 352, 1180
 Ornamental Metalworks Co., purchase, 614
 Orndorff, J. R., appointment, 774, 1192
 Ornellos, Leta A., degree, 1564
 O'Rourke, J. D., degree, 580
 fellowship, 1481
 O'Rourke, Margaret A., diploma, 1575
 O'Rourke, Mrs. Maxine G., appointment, 257, 1094
 Orphan, C. D., appointment, 1173
 Orr, Greta N., degree, 1555
 Orr, P., degree, 412
 Orr, W. H., appointment, 278
 Orrico, J., appointment, 359, 1188
 Orsborn, Vera M., degree, 1558
 Orseske, A. J., degree, 1394
 Orthodontics, budget, 220, 314, 1056, 1151
 postgraduate curriculum, 1321
 research, gift, 555
 Orthopaedic Brace Shop, budget, 229, 322, 1067, 1164
 revolving account, 229, 1068, 1164
 Orthopaedic fund for children, gift, 1217
 Orthopaedic Surgery, budget, 206, 309, 1043, 1147
 clinical faculty, 358, 1187
 fund for children, addition, 556, 1472, 1473
 juvenile crib and mattress, 1219
 research, 1219
 travel fund for residents, 556, 1219
 gift, awards for junior medical students, 556
 Chandler Research Fund, addition, 1219, 1474
 fellowship, Evanston Drama Club, 554, 1472
 fracture table, 1474
 lathe, purchase, 526
 Ortho Research Foundation, gift, 1213, 1469
 Orton, E., Jr., Ceramic Foundation, gift, 549, 1468
 Orton, W. R., Jr., degree, 783

- Orum, A. M., member of advisory committee, 1195
- Osberg, R. P., degree, 419
- Osborn, C. R., degree, 587
- Osborn, J. E., appointment, 259, 1095
- Osborn, L., appointment, 1171
- Osborn, Marian L., degree, 812
- Osborn, Marjorie R., degree, 1555
- Osborn, R. C., appointment, 141, 675, 976
- Osborn, W. W., degree, 587
- Osborne, B. C., degree, 412
- Osborne, Hazel W., degree, 1397
- Osborne, J. W., appointment, 397, 873, 1228 degree, 583
- Osborne, Mrs. Marilyn S., appointment, 1098 degree, 812
- Osborne, R. T., appointment, 175, 1010
- Osborne, R. W., degree, 803
- Osborne, Mrs. Shirley F., appointment, 324, 1162
- Osby, Mrs. Annabel M., appointment, 328, 1169
- Oschwald, W. R., appointment, 934, 1275 degree, 1539 resignation, 1425
- Oscillator circuits, study, contract, 378
- Oscillators, purchase, Dairy Science, 468 Electrical Engineering, 615 Physics, 611
- Oscillograph, purchase, Aeromedical and Physical Environment Laboratory, 558 Physics, 615, 851
- Oscilloscopes, purchase, Physics, 341, 468, 615, 1326
- Ose, H. T., degree, 829
- Oset, F. E., degree, 1571
- Osgood, Mrs. Albertine W., appointment, 60, 85, 893, 919, 1454, 1456
- Osgood, Bess G., appointment, 211, 223, 510
- Osgood, C. E., appointment, 83, 166, 477, 916, 1001 member of committee for Kyoto Seminar, 1419
- O'Shea, T. J., certificate, 488
- Osherman, W. D., degree, 1563
- Osis, Margrieta R., degree, 592
- Osland, R. D., degree, 826
- Osman, M. S., degree, 794
- Osmanski, J. T., degree, 586
- Ostboe, Vivian M., degree, 582
- Ostby, Mrs. Evelyn R., appointment, 262
- Ostby, P. C., degree, 579
- Oster, J. N., degree, 803
- Osterberg, G., appointment, 326, 1167
- Osterberg, W., appointment, 83 resignation, 404
- Osterbur, R. E., degree, 1247
- Osterdock, Mrs. Lorolive S., appointment, 290, 1126
- Ostergaard, Zada, appointment, 320
- Osterholtz, C. E., degree, 586
- Osterman, F. A., appointment, 1528
- Oster Manufacturing Co., gift, 553
- Osteryoung, R. A., degree, 580
- Ostrander, E. R., degree, 787
- Ostrow, E. H., appointment, 1275
- O'Sullivan, J. D., degree, 1538 fellowship, 676 resignation, 1353
- O'Sullivan, T. A., appointment, 1424
- Oswald, C. E., appointment, 300, 1137
- Oswald, Dolores, appointment, 326
- Otero, Marjorie H., degree, 826
- Otis, J., appointment, 44, 898
- Otis, J. S., degree, 1252
- Otis, R. E., appointment, 276, 1112
- Otis Elevator Co., contract, 1203, 1360
- Otolaryngology, budget, 207, 309, 1043, 1147 clinical faculty, 359, 1187 electroencephalograph, appropriation, 1461 purchase, 1494
- Otolaryngology, cont'd remodeling, contract, 471 assignment to R. Mansfield, 1462 research, gift, 556
- Otolaryngology Fund, addition, gift, 1219
- O'Toole, Anna M., appointment, 324
- O'Toole, J. F., degree, 1395
- Ott, D. F., degree, 815
- Ott, Fina C., appointment, 185, 510, 1020
- Ott, M. D., degree, 582
- Otten, J. W., degree, 1574
- Otten, Mary J., appointment, 357, 1185
- Ottenheimer & Co., purchase, 30, 375, 560
- Otterson, P. A., appointment, 177 degree, 1389 leave of absence, 574, 779
- Ottman, Lois V., degree, 1244
- Otto, A. L., certificate, 42
- Otto, Helen, appointment, 263, 1099
- Ottoson, Mrs. Barbara W., appointment, 285
- Ottoson, J. M., degree, 422
- Ottwein, M. W. G., degree, 798 fellowship, 877
- Otwell, R. S., appointment, 1092
- Ou, F., degree, 800
- Oudyn, G. M., appointment, 77, 910
- Oudyn, Josephine O., degree, 784
- Ovadia, J., appointment, 571, 873, 1049 degree, 783
- Overaker, A. E., appointment, 181 degree, 797 resignation, 646
- Overbey, G. L., degree, 592
- Overdorf, L. O., degree, 585
- Overhauser, A. W., appointment, 1228, 1424, 1478
- Overhauser, Margaret C., degree, 1557
- Overholtzer, R. L., fellowship, 775 resignation, 1234
- Overtime work, nonacademic employees, regulations, 1431 amendment, 1515 report, 1438
- Ovresat, R. C., degree, 596 fellowship, 876
- Ovrick, Martha, appointment, 310
- Owen, Mrs. Betty J. C., appointment, 151 degree, 412
- Owen, N. B., degree, 789
- Owen, R. V., degree, 824
- Owen, Mrs. Royene F., appointment, 110, 114, 397
- Owen, W. M., appointment, 134, 969
- Owens, C. B., appointment, 86, 920, 1455 leave of absence, 1408
- Owens, Mrs. Evelyn M., appointment, 1104
- Owens, Marilyn J., degree, 816
- Owens, R. A., degree, 821
- Owens, W. A., Jr., certificate, 842
- Owens, W. H., degree, 814
- Owings, E. T., degree, 822
- Oyen, E. E., degree, 1400
- Oyen, F. W., degree, 829
- Ozark Air Lines, service at Airport, contract, 495, 846 schedule of charges, 496, 846
- Ozgor, E. M., degree, 580
- Ozier, Dorothy A., degree, 808
- Ozier, E. W., degree, 417
- Ozker, T., degree, 782
- Paauw, A. D., certificate, 42
- Pabst, Loraine B., degree, 576
- Pabst, R. F., degree, 588
- Pace, N. F., degree, 1572
- Pace, Viola, appointment, 311, 1149
- Pace Associates, architectural services, East Dentistry-Medicine-Pharmacy Building, contract, change, 1304, 1462
- Pacey, J. H., degree, 788
- Pachman, D. J., appointment, 360, 1189

- Pachter, I. J., appointment, 1228
 Pachtman, E. A., fellowship, 877
 Pacific Flush Tank Co., purchase, 768
 Pacific Gas & Electric Co., stock, sale, 835
 Package tying machine, Mailing Service, gift, 1471
 Packard, Bessie, appointment, 1109
 Packard, D. K., appointment, 730 degree, 831 fellowship, 448
 Packard, G. C., degree, 814
 Packard, R. K., gift, 1219
 Packer, D. M., degree, 1566
 Paddock, W. C., degree, 1395
 Padella, A. M., degree, 584
 Paden, D. W., appointment, 141, 873, 976 leave of absence, 1407
 Paden, Mrs. Elaine P., appointment, 289, 1126
 Padgett, H. R., degree, 803
 Padgett, R. D., degree, 803, 1545
 Paeltz, E. H., appointment, 1127
 Pagakis, C. N., degree, 821
 Page, A. C., Jr., fellowship, 678
 Page, J. L., appointment, 78, 911, 1450
 Page, Mrs. Janet L., appointment, 103, 115, 936, 949 leave of absence, 47 resignation, 1487
 Page, K. G., degree, 590
 Page, Raymond H., degree, 791
 Page, Robert H., degree, 794, 964
 Page, R. R., appointment, 244, 703, 1083, 1275, 1380, 1458, 1459
 Page, T., appointment, 675, 916, 1013
 Page, V. L., degree, 1563
 Pagels, W. D., degree, 412
 Pailleron, A. J., degree, 1248
 Paine, E. B., appointment, 126, 960
 Paine, J. W., degree, 1577
 Paine, R. C., certificate, 1329 degree, 814
 Paint, purchase, Physical Plant, 32 Residence Halls, 468
 Paint brushes, Physical Plant, purchase, 525, 1264, 1360
 Painter, J. P., appointment, 155, 175, 990, 1010
 Painter, J. W., degree, 422
 Painter-Marcus, Elizabeth, appointment, 210, 1046
 Painting, Illinois Neuropsychiatric Institute, contract, 770
 Painting and graphics, master's degree, change, 1509
 Paintings, Art Institute of Chicago, agreement for custodianship, 350, 483 gift, 1214, 1471 cancelled, 1269 purchase, 711, 1466 storage facilities, appropriation, 483 Trees collection, gift, 483, 529
 Palacek, Noraldeen M., degree, 810
 Palandech, J. R., degree, 815
 Palleo, Mrs. Della, appointment, 1163
 Palluck, R. E., certificate, 42
 Palm, K. J., degree, 810
 Palm, K. R., degree, 810
 Palm, L. J., degree, 1393
 Palmberg, E. L., appointment, 262, 1098
 Palmer, C. E., appointment, 152, 153, 987, 988
 Palmer, D. E., degree, 597
 Palmer, D. J., degree, 590
 Palmer, I., degree, 419
 Palmer, J. F., degree, 822
 Palmer, J. R., resignation, 404
 Palmer, Jane G., fellowship, 682
 Palmer, K. R., degree, 1547
 Palmer, Mary J., appointment, 1160
 Palmer, P. C., degree, 1563
 Palmer, R. A., degree, 804
 Palmer, Virginia W., degree, 794
 Palmer, W. S., certificate, 1357
 Palmgren, J. S., degree, 1577
 Palubinskas, F. S., appointment, 446, 1228
 Pampel, Harriet F., degree, 595
 Pan, Sai-lung, degree, 782
 Pan-American Refining Corp., gift, 1212, 1468
 Pan-American scholarship, gift, 1467
 Pana Oil Refining Co., purchase, 501
 Panelboards, Physical Plant, purchase, 557
 Panhellenic Council, gift, 548, 1211
 Pankau, R. J., degree, 829
 Pankau, Mrs. Rita P., appointment, 1058 resignation, 1280
 Pann, Loretta, appointment, 276
 Pannebaker, M. R., degree, 577
 Pannone, F. E., degree, 595
 Pannuto, H., Jr., degree, 786
 Panozzo, W. A., degree, 1251
 Pantagraph Printing & Stationery Co., purchase, 377, 468, 670, 672, 1206, 1305, 1466
 Pantarotto, P. L., degree, 422
 Panter, E. G., appointment, 206 resignation, 879
 Pantke, Joan K., degree, 1559
 Pantone, A. M., appointment, 362, 1191
 Pantone, D. A., degree, 592
 Panzica, A. J., degree, 1400
 Pao, R. H. F., degree, 580 fellowship, 513, 679, 1482
 Paper, purchase, Agriculture, 31 Alumni Association, 340, 440, 710, 767, 1344 Office Supply Store, 342, 343, 526, 557, 614, 768, 1263, 1305, 1466
 Papermaster, Judith, appointment, 1152
 Paper supplies, purchase, Chicago Undergraduate Division, 1263 Physical Plant, 341, 711, 1344
 Papierniak, F. B., appointment, 510, 1192
 Pappas, Georgia A., degree, 580
 Pappas, Marjorie, appointment, 320
 Pappas, W. J., degree, 587
 Paprock, Mrs. Lillian, appointment, 311
 Parade Ground area, streets, resurfacing, contract, 26
 Parade Ground Dormitories, budget, 192, 304, 1028, 1140
 Paradise, M., appointment, 315, 1152
 Paradoski, E. A., certificate, 1178
 Paralysis agitans, research gift, 1215, 1472
 Pardue, D. R., appointment, 177 resignation, 448
 Paredes, J. E., degree, 810
 Parent, J. A., degree, 1552
 Parenti, G. A., degree, 1565
 Parenti, T., degree, 1398
 Parenti, Thelma, degree, 416
 Paris, M., appointment, 292, 1128
 Paris, Nancy A., appointment, 1120
 Parise, D. L., degree, 424
 Parish, J. W., degree, 801
 Parisot, P. E., degree, 1557
 Park, Martha, appointment, 8
 Parke, W. K., degree, 822, 1571
 Parker, Mrs. Claudine, appointment, 1175
 Parker, F. D., appointment, 397 degree, 415, 783
 Parker, H. S., appointment, 397, 1189, 1228
 Parker, J. A., degree, 579
 Parker, J. S., degree, 815
 Parker, Kathryn, appointment, 321, 1159
 Parker, M. L., appointment, 363, 1191
 Parker, Mabel A., degree, 1556
 Parker, Mrs. Margaret C., appointment, 258, 1094
 Parker, Marian, appointment, 1160
 Parker, N. A., appointment, 128, 963
 Parker, R. C., degree, 424

- Parker, R. E., degree, 597
 Parker, R. L., degree, 1571
 Parker, R. W., degree, 801
 Parker, W. E., degree, 1548
 Parkerson, Lauralynn, appointment, 301
 Parkhurst, Hilda A., appointment, 1097
 Parking facilities, appropriations, balances re-appropriated, 39, 1198
 contract, adjustment, 1345
 Parking lot, Chicago Professional Colleges, appropriation, 845
 Green Street, 1108 West, contract, 29, 847
 addition, 464
 Goodwin Avenue, 202 South, appropriation, 521
 contract, addition, 765
 John Street, 601 East, contract, 29
 Folk Street and Hermitage Avenue, resurfacing, contract, 707
 South Campus, appropriation, 655
 contract, 659
 Parkins, L. E., degree, 422
 Parkinson, M. E., certificate, 527
 Parks, Augustine, appointment, 11, 1308
 Parks, Barbara J., degree, 819
 Parks, F. A., appointment, 299, 1135
 Parks, Gracye M., appointment, 265, 1101
 Parks, J. S., degree, 1577
 Parks, L. W., degree, 1558
 Parks, Marian L., degree, 810
 Parks, R. A., degree, 422
 Parks, T. E., degree, 1543
 Parmacek, L., appointment, 360, 1188
 Parmenter, H. M., degree, 1399
 Parmuth, R. S., degree, 597
 Parnell Iron Works, Inc., contract, 543
 Parr, Rosalie M., appointment, 72, 905
 Parr, S. W., East Chemistry Building dedicated to memory of, 496
 Parrill, R. F., degree, 1395
 Parrish, Mrs. Bertha, appointment, 331, 1172
 Parrish, J. B., appointment, 141, 976
 Parrish, L. D., Jr., degree, 577
 Parrish, W. M., appointment, 86, 919
 Parrott, Delores L., degree, 800
 Parrott, J. C., degree, 1572
 Parry, E. J., degree, 815
 Parry, J. J., appointment, 75, 908
 Parry, Mrs. Linneta M., appointment, 270, 1107
 Parry, Virginia L., degree, 417
 Parshall, G. W., fellowship, 678, 1481
 declination, 1487
 Parsons, Betty, Gallery, purchase, 1466
 Parsons, G. F., degree, 804
 Parsons, Harriett A., degree, 817
 Parsons, M. B., appointment, 730
 declination, 778
 Parsons, R. C., degree, 824, 1574
 Parsons, T. E., appointment, 280, 1116
 Partekel, Delores E., degree, 1397
 Partenheimer, Hilda M., appointment, 297
 Parttridge, Miriam J., appointment, 323, 1165
 Paschkes, E., appointment, 361, 1190
 resignation, 1353
 Pascuzzo, G. A., degree, 590
 Pasek, A. T., certificate, 842
 Pasel, Gladys L., degree, 784
 Pash, Olga, appointment, 322
 Pashek, R. D., appointment, 691
 Paskind, J., appointment, 361, 1190
 Paspy, S. F., appointment, 123
 degree, 789
 Pass, J. C., degree, 810, 1545
 Passer, M., appointment, 1528
 Pastel, R., appointment, 675
 Pasti, G., Jr., degree, 451
 Pastor, Mrs. Garnita, appointment, 1158
 Pastron, H., degree, 815
 Pastva, Mrs. Eloise C., resignation, 46
 Pasvogel, M. W., degree, 1533
 Patch, R. H., degree, 801
 Patchak, R. G., certificate, 842
 Patchett, R. E., degree, 593
 Pate, W. W., certificate, 1329
 Patek, D., degree, 590
 Patelski, K. J., Jr., degree, 1393
 Patelski, Sally, degree, 806
 Patents, electronic digital computer, magnetic core device, application, 2
 government research contracts, policy, 665
 Aldrich, P. H., release, 337
 Audrieth, L. F., negotiations, 1514
 release, 1514
 Baram, P., release, 1341
 Bennett, D. G., release, 854
 Caesar, P. D., release, 337
 Carter, H. E., concession of priority, 347
 Chafaris, G., release, 709
 Clark, G. B., release, 1325
 Cook, R. L., application, 337
 Danhof, I., release, 458
 Dunn, F., release, 1259
 Fairbanks, G., application, 1463
 Fett, G. H., release, 709
 Forth, M. W., release, 458
 Fowler, V. J., negotiations, 1513
 Fry, F. J., release, 1513, 1514
 Fry, Mrs. Ruth B., negotiations, 1513
 Fry, W. J., negotiations, 1513
 release, 1259, 1513, 1514
 Gher, R., Jr., negotiations, 1514
 Guillemín, V., Jr., release, 458
 Gunsalus, I. C., release, 1196
 Hahn, E. L., application, 347
 release, 1259
 Hindsley, M. H., release, 765
 Jaeger, R. P., application, 1463
 Johnson, V. K., application, 2
 Johnstone, H. F., release, 1463
 Jordan, E. C., release, 1463
 Kempe, L. L., release, 1340
 Kerst, D. W., assignment, 710
 Miles, J. C., 1270
 Moore, E. F., release, 1340
 Nordsieck, A., release, 1300
 O'Meara, T. R., release, 1418, 1463
 Orcutt, J., release, 1513
 Pelletier, S. W., release, 1418
 Plankenhorn, W. J., release, 854
 Scott, E. S., release, 1514
 Shapin, T., Jr., release, 1340
 Sherwin, C. W., release, 1418
 Sheuring, J. J., release, 1258
 Steggerda, F. R., release, 458
 Tracy, P. H., release, 1258
 Wakerlin, G. E., release, 518
 Webb, H. D., release, 1418, 1463
 Weise, E. K., release, 1259
 Wellinger, R. P., release, 1259
 Witt, F. E., release, 665
 Patents Committee, members, 603, 1405
 Paterson, H. C., appointment, 160, 994
 Paterson, Mabel C., fellowship, 1486
 Paterson, R. W., degree, 814
 Patheal, L. L., appointment, 1228
 Pathology, appropriations, balances reappropriated, 40
 budget, Dentistry, 220, 314, 1056, 1151
 Medicine, 207, 310, 1044, 1147
 Research and Educational Hospitals, 229, 322, 1068, 1164
 clinical faculty, 360, 1188
 gift, fellowship, Bristol Laboratories, 552
 research, 554, 1216, 1218
 sonic vibrator, purchase, 501
 Pathology and Hygiene, Veterinary, budget, 998
 Patient Drugs, Research and Educational Hospitals, budget, 229, 1068
 Patinkin, D., appointment, 691
 Patinkin, N. J., certificate, 1329
 Patka, Rita M., appointment, 397
 Patlak, E. M., degree, 824, 1574

- Paton, Grace, appointment, 10, 1307
 Paton, Katharine B., appointment, 571, 1020
 degree, 1245
 resignation, 1234
 Paton, R. F., appointment, 132, 698, 967, 1453
 Patrick, R. L., appointment, 139
 declination, 404
 Pattarson, Cora E., degree, 817
 Patterson, B. R., appointment, 430, 994
 Patterson, Bette J., appointment, 186
 Patterson, H. I., degree, 1568
 Patterson, J. A., degree, 801
 Patterson, J. E., degree, 786
 Patterson, Jacqueline W., degree, 1285
 Patterson, Martha M., degree, 820
 Patterson, Mrs. Mildred, appointment, 142
 Patterson, Millicent D., appointment, 297, 1133
 Patterson, Muriel W., degree, 420
 Patton, A. E., member of advisory committee,
 36
 Patton, C. N., degree, 1572
 Patton, Helen G., appointment, 269, 1106
 Patton, Mrs. Louise, appointment, 1147
 Patula, Stephanie E., appointment, 1170
 Patzer, R. J., degree, 1567
 Pauker, D. H., degree, 810
 Pauksta, Frances M., degree, 1555
 Paul, A. B., appointment, 95, 106
 Paul, Mrs. Anna, appointment, 316, 1154
 Paul, F. S., degree, 413
 Paul, Gladys L., appointment, 257, 1093
 Paul, J. T., appointment, 204, 1039
 Paul, K., degree, 1286
 Paul, Mrs. Katherine H., appointment, 88
 Paul, O., appointment, 354, 1182
 Paul, S., appointment, 1459
 Paull, D. M., degree, 787
 Paulsen, Mrs. Hilda, appointment, 308, 1144
 Paulsen, Rosemary I., degree, 1393
 Paulsmeyer, D. F., degree, 798
 Paulson, Mrs. Ima, appointment, 320
 Paulson, Katherine E., appointment, 106, 116
 resignation, 404
 Pauly, T. J., degree, 822, 1571
 Paurazas, Cecelia M., appointment, 314, 1151
 Paus, R. L., degree, 821
 Pavlik, Jessica J., degree, 1560
 Pawlowski, L., degree, 1570
 Paxton, R. E., degree, 1572
 Paylan, P., degree, 592
 Payne, Beverly J., degree, 596
 Payne, J., Jr., degree, 1568
 Payne, J. P., Jr., degree, 575
 Payne, J. W., appointment, 206, 1041
 Payne, M. C., appointment, 918
 Payne, R. F., degree, 1563
 Payne, T. A., appointment, 873, 917, 1333
 Payne, T. J., certificate, 842
 Payne Fund, gift, 548, 1468
 Paynic, S. A., degree, 1392
 Pazur, J. H., appointment, 843, 1038
 Pe, Maung, degree, 788
 Peabody Coal Co., gift, 547, 1468
 Peacock, Betty L., degree, 791
 Peacock, J. L., degree, 797
 Pearah, J. E., degree, 589
 Pearce, Dorothy A., degree, 795
 Pearce, H. W., appointment, 232, 251, 1070,
 1090
 Pearce, J. V., degree, 1391
 Pearl Assurance Co., insurance, purchase, 1466
 Pearlman, B., appointment, 353, 1182
 Pearlman, M., appointment, 206, 1042
 Pearlman, R. D., degree, 815
 Pearlman, Rosalind S., appointment, 1314
 Pearlstein, E. A., appointment, 133, 967
 Pearman, R. S., degree, 797
 Pearson, D. J., degree, 596
 Pearson, E., appointment, 326, 1167
 Pearson, E. N., degree, 804
 Pearson, F., Associates, purchase, 501
 Pearson, J. E., appointment, 128, 963
 Pearson, J. W., degree, 1572
 Pearson, K. E., degree, 422
 Pearson, Lucille, appointment, 315, 1153
 Pearson, Mrs. Marilyn M., appointment, 285,
 1121
 Pearson, Priscilla J., degree, 820
 Pearson, R. G., degree, 808
 Pearson, V. R., degree, 815
 Pearson, W. M., Jr., degree, 806
 Peart, R. G., degree, 1242
 Peasley, Mary P., appointment, 571
 degree, 582
 resignation, 778
 Pecarie, J. D., degree, 789
 Pechman, Faith J., degree, 1566
 Pecina, G. C., degree, 1396
 Peck, G. W., appointment, 63, 67, 896, 899
 Peck, R. B., appointment, 124, 510, 958
 Peck, R. D., degree, 1242
 Peckerman, J., certificate, 42
 Peckham, V. D., degree, 1394
 Pecorari, R. E., certificate, 488
 Peddie, G. H., degree, 826
 Pedersen, Anne, appointment, 12
 Pedersen, L. W., degree, 1561
 Pedersen, O. B., certificate, 488
 Pediatrics, appropriations, balances reappropri-
 ated, 1199
 budget, 208, 310, 1045, 1147
 clinical faculty, 360, 1189
 gift, funds, 556, 1219
 research, 555, 1216, 1217
 travel fund, addition, 1219
 purchase, colorimeter, 852
 spectrophotometers, 852
 sterilizer, 852
 Pedodontics, budget, 218, 313, 1057, 1152
 postgraduate curriculum, 1322
 Pedrotti, L. S., degree, 795
 Peebles, C. R., degree, 1545
 Peeler, C. H., Jr., degree, 1242
 Peer, Mrs. Mary K., appointment, 266, 1102
 Pepper, C. D., degree, 804
 Pehlman, J. E., certificate, 1357
 Peifer, Rose M., appointment, 257, 1093
 Peirce, G. R., appointment, 126, 955, 960
 Peirce, Mrs. Helen M., appointment, 1138
 Peirson, Mrs. Beverly J., appointment, 265
 Peirson, W. R., degree, 419
 Pelafas, S. G., degree, 821
 Pelayo, J., appointment, 330, 1172
 Pelikan, E. W., appointment, 1045
 degree, 827
 Pelka, F. X., appointment, 217, 1053
 Pellegrino, L., degree, 1572
 Pelletier, J. A., Jr., degree, 1562
 Pelletier, S. W., appointment, 397, 690
 discovery, patent rights, release, 1418
 Pellettiere, E. V., appointment, 359
 resignation, 646
 Pellick, D. R., degree, 798
 Pellizzari, Maria C., degree, 820
 Pelly, Carol N., degree, 1550
 Peltason, J. W., appointment, 603, 916, 1454
 Peltson, F. M., degree, 581
 Peltz, R. W., appointment, 446
 Pelzmann, L., gift, 1219
 Pemberton, P. N., degree, 413
 Pemco Corp., contract, change, 668
 Pempek, C. J., degree, 407
 Pence, Jennie J., appointment, 258, 1094
 Pence, W. E., degree, 818
 Pendleton, H. E., appointment, 76, 1275
 Pendleton, J. W., appointment, 100, 115, 933,
 948
 degree, 579
 Penfield, C. M., degree, 1237
 Peng, G. T. C., fellowship, 1479
 Penicillin derivatives, synthetic, research, gift,
 552
 Penland, G. R., degree, 829
 Penman, A. S., degree, 1282

- Penman, Mrs. Jean M., appointment, 266
 Penn, J. F., appointment, 289
 Penn, R. F., degree, 825, 827
 Penn, R. J., degree, 1562
 Penney, J. C., Co., stock, sale, 835
 Penney, Louise D., degree, 1237
 Penney, Thelma C., degree, 1237
 Penninger, R. J., degree, 1396
 Pennington, D. R., degree, 1556
 Pennington, L. A., appointment, 83
 resignation, 449
 Pennington, M. M., degree, 1561
 Pennisi, L. L., appointment, 243, 1082, 1333,
 1458
 Pennsylvania Avenue, property at 201 West,
 purchase, 3
 property at 805 West, sale, 539
 Pennsylvania Fire Co., insurance, purchase,
 711
 Pennsylvania Pump & Compressor Co., con-
 tract, 850
 Pennypacker, Elizabeth, appointment, 11, 1308
 Penrod, P. R., degree, 1553
 Pentothal sodium, study, contract, 1305
 Penwell, Martha E., degree, 1555
 Peoples, Joyce H., degree, 1392
 Peoples Gas, Light, & Coke Co., contract, 610
 Peoria Tool & Engineering Co., purchase, 1466
 Pepper, Echo D., appointment, 81, 914
 Perbix, Joyce A., degree, 416
 Perböhner, Barbara C., degree, 806
 Percival, F. V., appointment, 270, 1106
 Percival, G., appointment, 1102
 Percival, Stella, appointment, 156, 991
 Percy, N. M., appointment, 362, 1191
 Peritz, R. M., degree, 1564
 Perkal, Mrs. Eva, appointment, 306, 1142
 Perkins, A. J., appointment, 221, 1057, 1314
 Perkins, F. C., degree, 583
 Perkins, G., appointment, 1190
 Perkins, G. M., degree, 1245
 Perkins, Nellie L., appointment, 108, 695, 942
 Perkins, R. B., appointment, 246, 1085
 Perl, E. R., degree, 830
 Perlinski, W. J., degree, 1577
 Perlis, I. B., appointment, 1228
 degree, 1539
 Perlman, Mrs. Bernice T., appointment, 181
 resignation, 732
 Perlman, J., appointment, 222
 resignation, 513
 Perlman, L., appointment, 354, 1182
 Perlman, M. M., fellowship, 681
 declination, 732
 Perlman, R., appointment, 154, 689, 989
 Perlman, S. E., certificate, 488
 Perls Galleries, Inc., purchase, 1466
 Perlstein, M. A., member of advisory commit-
 tee, 562
 Perlstein, Minnie O., appointment, 1380
 Perlstein, S., appointment, 353, 1181
 Perman, R. J., certificate, 842
 Permanent employee, nonacademic, definition,
 1426
 Permutit Co., purchase, 671
 Pernokis, E. W., appointment, 353, 1181
 Pero, J. W., degree, 585
 Perot, P. L., Jr., appointment, 1228
 Perri, Lena, degree, 786
 Perrin, Cora, appointment, 11, 1308
 Perrine, T. F., certificate, 1329
 Perry, B. E., appointment, 73, 906, 1447
 book, printing, 30
 Perry, H. E., degree, 819
 Perry, Helen I., degree, 413
 Perry, Kathryn J., appointment, 287, 1124
 Perry, Ola M., degree, 577
 Perry, R. E., degree, 1246
 Perry, Mrs. Shirley K., appointment, 1132
 Perry, T. H., degree, 581
 Perry Construction Co., Inc., contract, 26,
 370, 471, 608
 assignment to R. Mansfield, 1462
 Perryman, Mrs. Verne, appointment, 311,
 1149
 Pers, R. A., degree, 1563
 Persinger, Doris J., degree, 420, 787
 fellowship, 513
 Persky, M., degree, 817
 Person, E. G., Jr., degree, 421
 Personality structure, research, gift, 550
 Personnel management, curriculum, revisions,
 490
 Pervinsek, R. J., degree, 593
 Perwich, A. D., degree, 1248
 Pesavento, Mrs. Wilma, resignation, 1383
 Peschel, Virginia, appointment, 318, 1156
 Peschke, G. C., degree, 804
 Peshkir, A. J., degree, 1555
 Peskin, A. A., degree, 593
 Peskin, B. A., appointment, 129
 degree, 583
 Pestel, C. V., appointment, 315, 1153
 Peszek, E. F., degree, 829
 Peterman, Mrs. Marcia, appointment, 279,
 1115
 Peternell, W. V., degree, 1544
 Peters, A. E., degree, 814
 Peters, A. W., degree, 814
 Peters, B. A., degree, 418
 Peters, D. G., degree, 814
 Peters, E. R., appreciation for services to
 University, 1336
 invitation to January meeting, 1331
 telegram, conditions in the College of Com-
 merce and Business Administration, 428
 Peters, H. M., degree, 1237
 Peters, Irene A., degree, 1555
 Peters, J. W., appointment, 80, 696, 913
 Peters, M. S., appointment, 843, 905
 Peters, Margie L., degree, 420
 Peters, Mary J., degree, 1576
 Peters, R. A., degree, 829
 Peters, Ruth M., degree, 576
 Petersen, A. J., appointment, 873, 1228
 degree, 803
 Petersen, A. S. J., appointment, 212, 1049
 Petersen, Catherine L., degree, 1286
 Petersen, E. C., Jr., degree, 821
 Petersen, Elizabeth M., appointment, 72, 906
 resignation, 1316
 Petersen, F. A., appointment, 123, 397, 957
 resignation, 1234
 Petersen, F. W., degree, 1538
 Petersen, Mrs. Gertrude, appointment, 318
 Petersen, J. A., degree, 827
 Petersen, J. D., degree, 588
 Petersen, J. R., degree, 588
 Petersen, R. J., degree, 1570
 Petersen, Ruth, appointment, 11
 Petersen, W. F., appointment, 207
 Peterson, Mrs. Betty W., appointment, 1132
 Peterson, C. F., degree, 1541
 Peterson, Carolyn, appointment, 313, 1150
 Peterson, D. D., certificate, 488
 Peterson, D. H., degree, 1400
 Peterson, D. W., certificate, 1329
 Peterson, E. A., degree, 594
 Peterson, F. A., degree, 593
 Peterson, F. L., appointment, 133, 571, 1118
 resignation, 573
 Peterson, F. P., fellowship, 1484
 declination, 1487
 Peterson, G. C., Co., purchase, 852
 Peterson, G. E., degree, 803
 Peterson, G. L., degree, 407
 Peterson, G. T., degree, 806
 Peterson, Mrs. Gertrude, appointment, 1156
 Peterson, H. D., degree, 1394
 Peterson, H. G., degree, 1567
 Peterson, H. J., degree, 821
 Peterson, Helen A., degree, 806
 Peterson, Helen L., degree, 1242
 Peterson, I. L., appointment, 155, 989
 contract, 608, 1204

- Peterson, Mrs. Irene B., appointment, 329, 1171
- Peterson, J. E., degree, 821
- Peterson, J. R., degree, 1399
- Peterson, J. W., appointment, 358, 1186
- Peterson, Janet B., degree, 575
- Peterson, Jean S., degree, 1555
- Peterson, Joyce E., degree, 812
- Peterson, L. A., director of Athletic Association, 604
- Peterson, L. F., appointment, 357, 1185
- Peterson, L. S., degree, 587
- Peterson, L. V., appointment, 145, 170, 1006
- Peterson, L. W., appointment, 214, 1050
- Peterson, P. A., appointment, 689
- fellowship, 677, 1480
- Peterson, P. E., appointment, 1380
- degree, 417, 1392
- Peterson, Patricia L., degree, 807
- Peterson, R. C., degree, 801
- Peterson, R. H., Jr., degree, 801
- Peterson, Robert Lenus, appointment, 59, 397, 892, 978
- Peterson, Robert Louis, degree, 1401
- Peterson, T. B., appointment, 167, 1002
- Peterson, Mrs. T. Patricia, appointment, 278
- Peterson, Mrs. Terry G., appointment, 262
- Peterson, Theresa J., appointment, 182, 697, 1017, 1350, 1452
- Peterson, W. E., degree, 803
- Peterson, W. J., appointment, 176, 1012
- Peterson, W. R., degree, 1533
- Peting, Mrs. Barbara R., appointment, 283
- Petrakos, H. N., appointment, 355
- Petras, F., appointment, 308
- Petras, M., degree, 417
- Petravice, P. P., appointment, 531, 1186
- Petree, H. E., degree, 809
- Petrella, A. D., degree, 597
- Petress, Mrs. Margaret, appointment, 325
- Petry, R. T., degree, 593
- Petrica, J., degree, 1246
- Petrie, Georgia B., degree, 811
- Petruzelli, Jacqueline, appointment, 1142
- Petry, B. T., certificate, 842
- Petry, C. A., & Sons, contract, 24, 340, 495, 502, 846, 847
- addition, 846
- change, 23, 543
- Petry, L. D., degree, 422
- Petsch, H. F., degree, 589
- Pettengell, D. B., fellowship, 1485
- declination, 1487
- Petter, H. A., Supply Co., gift, 1211
- Pettersen, D., appointment, 1151
- Pettersen, Marilyn L., degree, 1566
- Petticrew, G. A., appointment, 127, 397, 962
- Pettigrew, Sola M., degree, 1536
- Pettinga, P. S., appointment, 60, 156, 696, 700, 893, 990
- Petty, B. E., appointment, 272, 1108
- Petty, C. R., degree, 1541
- Petty, H. B., Jr., appointment, 120, 953
- Petty cash fund, Division of Services for Crippled Children, established, 1200
- Peura, W. W., appointment, 261
- Peurye, Lois, degree, 1560
- Pevsner, L., fellowship, 478
- Peyovich, G. L., degree, 1251
- Pfab, Lois G., degree, 1560
- Pfander, W. H., degree, 781
- Pfanstiehl Chemical Co., purchase, 1520
- Pfeifer, Betty, appointment, 1160
- Pfeifer, H. E., degree, 804
- Pfeiffer, C. C., appointment, 209, 510, 1045
- Pfeiffer, C. E., degree, 585
- Pfiester, Mary L., appointment, 270
- Pfister, W. F., degree, 804
- Pfizer C., & Co., Inc., contract, change, 713
- gift, 553, 1471
- Pfbaum, J. B., degree, 821
- Pflugmacher, H., appointment, 298, 1134
- Pflugmacher, Mrs. Marie E., appointment, 1114
- Pfuetze, K. H., appointment, 645, 1181
- Phalin, T. L., degree, 815
- Pharmacology, budget, 209, 310, 1045, 1147
- clinical faculty, 361, 1189
- gift, fellowship, Bristol Laboratories, 552
- Hoffman-LaRoche, Inc., 552, 1471
- Mallinckrodt Chemical Works, 1471
- research, 551, 552, 553, 555, 1216, 1217
- toxicology revolving account, 209, 1046
- Pharmacy, College of, advisory committee, 430, 1255
- analytical balances, purchase, 1343
- appropriations, balances reappropriated, 1199
- budget, 220, 314, 1057, 1152
- degrees conferred, 828, 1575
- equipment, appropriation, 476, 655, 845, 1324, 1493
- facilities, resolution of Illinois Pharmaceutical Association, 34
- scholarships, gift, Borden Co. Foundation, 1216
- Pharmacy Building, site, test borings, labor and material, 376
- Pharmakidis, P. D., degree, 1565
- Phelps, L. A., appointment, 268, 1105
- Phelps, N. H., appointment, 268, 1105
- Phelps, Rose B., appointment, 45, 168, 1003
- Pheney, Gail, appointment, 873, 917
- Phenicie, M. L., appointment, 284
- Phenoxyethanoic acid, use as a keratolytic agent, research, gift, 1215
- Phifer, C. H., appointment, 213, 1049
- Phifer, J. C., degree, 1401
- Phi Gamma Psi, gift, 1216
- Phillip, E. A., degree, 824, 827
- Phillippsen, W. C., degree, 1251
- Phillippsen, E. A., appointment, 79, 694, 911
- Phillip, H., appointment, 306, 1142
- Phillip, J. C., degree, 1394
- Phillippe, Mrs. Irene G., appointment, 295, 1131
- Phillips, B., appointment, 155, 990
- Phillips, Bettye J., appointment, 397
- resignation, 684
- Phillips, C., appointment, 81, 696, 914, 1452
- Phillips, C. E., Jr., degree, 1251
- Phillips, D. R., degree, 803
- Phillips, Edward L., appointment, 174, 179
- resignation, 449
- Phillips, Ernest L., appointment, 1127
- degree, 1560
- Phillips, F. S., degree, 1396
- Phillips, J. D., estate, trustee, request for court ruling, 380
- Phillips, J. T., degree, 597, 1395
- Phillips, J. V., degree, 824, 1574
- Phillips, Lois J., degree, 592
- Phillips, Norma L., degree, 808
- Phillips, P. R., appointment, 274, 1110
- Phillips, R. S., degree, 419, 797
- Phillips, R. W., degree, 1541
- Phillips, Mrs. Ruby, appointment, 305, 1154
- Phillips, S. A., appointment, 265, 1102
- Phillips, Sarah R., degree, 785
- Phillips, T. A., degree, 783
- Phillips, W. B., Jr., degree, 1567
- Phillips Petroleum Co., purchase, 1206
- Philosophy, budget, 81, 267, 914, 1103
- summer session, 697, 1453
- chairman, appointment, 535
- fellows, 681, 1485
- organization, change, 535
- Philpott, D. E., appointment, 210, 1047
- Phinney, P. B., appointment, 82, 915
- degree, 581
- Phipps, C. H., Jr., degree, 1243
- Phipps, L., appointment, 144, 147, 149, 979
- Phipps, T. E., appointment, 72, 905
- Phosphorus, use by plants, study, contract, change, 865

- Photoengraving, contract, 378, 838
 Photofluoroscopic project, equipment, appropriation, 521
 Photographic Laboratory, budget, 1126
 purchase, film-viewing machine, 558
 motion picture camera, 558
 sound-on-film recorder, 500
 Photomicrographic apparatus, Ceramic Engineering, purchase, 1520
 Physical education, requirements for men, change, 1323
 Physical Education, School of, budget, 158, 287, 993, 1123
 Chicago Undergraduate Division, 248, 333, 1087, 1174
 summer session, 702, 1458
 curriculum, health education, 652
 degrees conferred, 424, 596, 820, 1252, 1401, 1566
 equipment and remodeling, appropriation, 23
 fellows, 681, 1485
 recreation, graduate program, 1509
 remodeling, Chicago Professional Colleges, appropriation, 845
 towels, purchase, 526
 Physical Education for Men, appropriations, balances reappropriated, 38, 1197
 budget, Chicago Professional Colleges, 224, 315, 1061, 1153
 Urbana, 159, 287, 993, 1123
 summer session, 697, 1453
 lockers, purchase, 376, 440
 rehabilitation revolving account, 995, 1123
 Physical Education for Women, appropriations, balances reappropriated, 1197
 budget, 161, 287, 996, 1124
 summer session, 698, 1453
 equipment, appropriation, 23
 head of department, appointment, 6
 hockey field, reconditioning, appropriation, 23
 practice teaching course, fee for children participating, 365
 Physical Environment Laboratory, air-conditioning system, purchase, 613
 architectural services, appropriation, 1413
 Physical environment research, appropriations, balances reappropriated, 38
 Physical fitness tests of patients, Carle Foundation, contract, 378
 Physical Medicine and Rehabilitation, appropriations, balances reappropriated, 40, 1199
 budget, Medicine, 209, 310, 1046, 1148
 Research and Educational Hospitals, 229, 322, 1068, 1165
 funds, gift, 556, 1473
 head of department, appointment, 1269
 remodeling, engineering services, contract, 764
 occupational therapy work made separate department, 489
 research, gift, 554
 research equipment, crating and shipping, appropriation, 1324
 ventilating system, alterations, contract, 849
 Physical Plant Department, appropriations, balances reappropriated, 38, 40, 365, 1198, 1199
 air compressor, 492
 old heating plant at Chicago Professional Colleges, repairs, 1415
 projection equipment, 492
 remodeling, 470, 1461
 steam condensate return system, improvement, 521
 storage facilities for works of art, 483
 transformers, 492
 water reclamation improvements, engineering services, 492
 window safety anchors in Talbot Laboratory, 521
 Physical Plant Department, cont'd
 budget, Chicago Professional Colleges, 232, 325, 1070, 1166
 Chicago Undergraduate Division, 251, 333, 1089, 1175
 Urbana, 187, 297, 1022, 1133
 builders' all-risk insurance, Research and Educational Hospitals addition, 32
 electric service equipment, contract, 369, 640
 release of funds, 434
 engineering consulting services, minor construction projects, 608, 610
 purchase, air compressor, 525
 automobile insurance, 768
 automobiles, 31, 343, 614, 768, 1346
 autopsy tables, 558
 bandstand, 614
 boiler and machinery insurance, 33
 brass sheets, 32
 builders tower, 31
 carpet, 671
 carryall, 525
 chairs, 524, 557, 767, 854
 coal, 31, 342, 767, 1495, 1521
 conduit, 614
 copper, 851
 DDT spray solution, 1494
 dishwasher, 439
 draperies, 439
 electrical supplies, 851, 1344
 electric ranges, 1494
 extractor, 439
 file cabinets, 342
 fire extinguishers, 32
 fluorescent fixtures, 31, 526, 711
 foliar spray, 711
 fuel oil, 31, 501, 853
 fume hoods, 501, 712
 gasoline, 501, 711, 1305
 gate valves, 439
 grate links, 671
 greenhouse partitions, 376
 ground joint unions, 32
 incandescent and fluorescent lamps, 1520
 intercommunication equipment, 557
 laboratory furniture, 469, 557, 615, 853, 1520
 lamps, 767
 laundry tumblers, 377
 lead paste, 1344
 library book shelving, 611
 limestone, 854
 lockers, 501
 lumber, 32, 342, 343, 439, 501, 557, 614, 615, 671, 838, 1206, 1343, 1344, 1360
 monorail equipment, 614
 movable steel partitions, 1466
 paint, 32
 paint brushes, 525, 1264, 1360
 painters' drop cloths, 712
 panelboards, 557
 paper supplies, 341, 711, 1344
 pipe, 468, 501, 1264
 pipe covering, 767
 pipe fittings, 557
 plywood, 712
 police uniforms, 376
 power wheel coal bucket, 31
 press unit for nurses' uniforms, 439
 refrigerators, 1494
 resin, 671
 road oil, 854
 road tar, 854
 safety switches, 526
 sound projectors, 558
 speakers and transformers, 375
 station wagons, 343, 671, 1305
 steel, 32, 614
 steel stairs for Noyes Laboratory, 468
 stoker links, 854, 1416
 tables, 557, 712
 tenoning machine, 559

Physical Plant Department, cont'd
 tractor, 614
 transformers, 526, 851
 truck, 343, 468, 525, 669, 712, 766
 Venetian blinds, 671
 ventilating fans, 525
 wall bench assembly, 853
 washer, 767
 white lead, 33, 557
 steam condensate return system, piping, contract, 658
 test borings on site of Pharmacy Building, labor and material, 376
 towel service, 377
 white coats and aprons, rental, 377
 Physical Plant Council, purchase, 342
 Physical Plant Paint Shop, fire escape, contract, 543
 Physical Plant Service Building, addition, contract, 494
 release of funds, 519
 boilerhouse section, name 609
 remodeling, appropriation 546
 balance reappropriated, 39
 architectural services, 438, 609
 contract, addition, 438
 adjustment, 1345
 changes, 546
 Physical Sciences, Chicago Undergraduate Division, budget, 243, 332, 1082, 1174
 summer session, 703, 1458
 Physicochemical Biology, fellows, 1485
 Physics, appropriations, balances reappropriated, 37, 365, 1197
 budget, Chicago Undergraduate Division, 247, 332, 1085, 1174
 Urbana, 131, 281, 966, 1117
 summer session, 698, 1453
 curriculum, changes, 1410
 equipment, appropriation, 611
 installation, labor and material, 344
 fellows, 681, 1485
 fellowship, gift, Strong Educational Foundation, 549
 head of department, acting, appointment, 519, 1193
 leave of absence, 1193
 purchase, air-conditioning units, 768
 amplifiers, 29
 betatron donut frames, 558
 cabinets, 1304
 coils and cores, 32
 communication and industrial tubes, 558
 copper magnet wire, 559
 electronic equipment, 1205, 1263
 forgings, 341
 file cabinets, 613
 framing and plate, 29
 generators, 29, 341, 611
 glassware, 711
 lathes, 615, 851, 1465
 lead bricks, 29, 500
 meters, 558
 milling machine, 613, 837, 838
 monochromator, 29
 oscillator, 611
 oscillographs, 615, 851
 oscilloscopes, 341, 468, 615, 1326
 potentiometer, 525
 power supplies, 612, 669
 radome, 1476
 receiving tubes, 558
 resistors, 500, 1205
 saw, 837
 tables, 29
 truck, 854
 tubes, 1205
 tubing, 767
 voltmeter, 611
 work benches, 1304
 Physics Betatron, budget, 133, 282, 968, 1118
 fire protection, appropriation, 1359

Physics Laboratory, remodeling and repowering, appropriations, balances reappropriated, 39, 1198
 Physics Research Laboratory, professional services for research programs, appropriations, request, 384
 Physiological atmospheric environment, study, contract, change, 1464
 Physiology, Liberal Arts and Sciences, appropriations, balances reappropriated, 37, 38, 1196
 budget, 82, 267, 915, 1103
 summer session, 698, 1453
 distilling apparatus, purchase, 613
 fellows, 682, 1485
 remodeling, appropriation, 23, 1339
 contract, change, 543
 research, gift, 1213, 1469
 research and teaching facilities, improvement, appropriation, 521
 Medicine, budget, 210, 311, 1046, 1148
 clinical faculty, 361, 1190
 equipment, appropriation, 476
 research, gift, 553, 554, 555, 1214, 1216, 1217, 1218
 Physiology and Pharmacology, Veterinary, budget, 999
 Physiology of virus host, study, contract, 1495
 Pianos, Illini Union, rebuilding and refinishing, 525
 Music, appropriation, 845
 gift, 551
 purchase, 467, 501, 526, 852, 1521
 rebuilding, 376, 440, 711
 Piatnitzka, Mrs. Ann, appointment, 309
 Piatt, Katherine, appointment, 321
 Piatt County, contract, 469
 Piatt County Service Co., purchase, 614
 Piatt County State's Attorney, contract, 1208
 Piazza, S. J., degree, 1401
 Piazza, S. L., fellowship, 1232
 Pi Beta Phi Local Alumni, gift, 1468
 Picard, R. N., degree, 798
 Picht, Betty P., degree, 1238
 Pick, A., & Co., purchase, 30, 439
 Pick, J. F., appointment, 363, 1192
 Pickard, A. E., Coal Co., gift, 547, 1211
 Pickard, G. E., appointment, 97, 930, 948
 Pickarz, E. J., certificate, 842
 Pickens, Anna G., appointment, 703, 1458
 Pickens, P. O., appointment, 1106
 degree, 581
 Pickering, Roxy, appointment, 309, 1146
 Picker X-ray Corp., purchase, 501
 Pickett, A. D., appointment, 241, 701, 1080, 1457
 Pickett, Mrs. Bede C., appointment, 287, 1124
 Pickett, Evalyn L., appointment, 675
 Pickett, Mrs. Mary S., appointment, 1528
 Pickwick Publishing Co., purchase, 440
 Piemonte, Mrs. Helen, appointment, 324
 Pientka, A. J., degree, 587
 Pieper, Caroline, appointment, 8
 Pieper, Mrs. Nalle G., appointment, 270, 1106
 Pierce, Beverly J., appointment, 397, 697, 1017
 Pierce, G. W., certificate, 1178
 Pierce, Gladys I., degree, 1538
 fellowship, 777
 Pierce, J. T., degree, 1396
 Pierce, J. V., fellowship, 1481
 Pierce, J. W., degree, 414
 Pierce, Mrs. Kittie B., gift, 548, 1211
 Pierce, O. M., degree, 1536
 Pierce, S. H., appointment, 121, 128, 954, 963
 Pierce, Sally P., degree, 817
 Pierce, T., Jr., degree, 409
 Pierce, W. D., degree, 1398
 Pier Illini, printing, 440
 Pierre, J. J., degree, 1384
 Pierron, E. D., degree, 580
 Piersol, A. G., degree, 1394
 Piersol, D. W., Jr., degree, 814

- Pierson, Barbara A., degree, 1555
 Pierson, Irene D., appointment, 190, 1025
 Pierson, W. E., Jr., degree, 1561
 Pierzynski, Marcia G., appointment, 1148
 degree, 592
 Pietka, R. J., degree, 419
 Pietrangeli, Angelina R., appointment, 77, 85,
 910, 919, 1454
 Piette, R. J., degree, 810
 Pifer, Rosalie, appointment, 1123
 Pigage, L. C., appointment, 129, 174, 178,
 964, 1009, 1014
 Pigott, M. T., appointment, 645
 resignation, 778
 Pigozzi, R. A., degree, 818
 Pigs, nutrition, study, contract, 1305
 Pih, Mrs. Katherine D., appointment, 774, 906
 Pip, Ants-Tonis, fellowship, 679
 declination, 732
 Pijahn, H. L., degree, 1250
 Pikaar, R. J., degree, 1557
 Pi Kappa Lambda, gift, 1211
 Pike, G. I., appointment, 1118
 Pikna, R. J., degree, 579
 Pikramenou, Marika, degree, 789
 Pilch, A. J., degree, 1393
 Pilchard, E. I., appointment, 119, 952
 Pildes, Evelyn, degree, 808
 Pildes, R. B., degree, 807, 1572
 Pile, O. W., appointment, 270, 1106
 Pilkenton, G. K., degree, 797
 Pilkenton, W. H., degree, 409
 Pill, M. P., degree, 1572
 Pille, A. G., degree, 798
 Pillowcases, McKinley Hospital, purchase,
 1416
 Pilot, I., appointment, 446, 1181
 Pilot, M. L., resignation, 404
 Pimstein, U., degree, 586, 1539
 Pinc, B. W., degree, 454
 Pinckney, N. J., degree, 789
 Pinder, D. R., degree, 581
 Pine, Juanita, appointment, 1143
 Pines, M. D., degree, 1555
 Pines, S. H., degree, 781
 Pinger, E. F., degree, 1392
 Pingry, R. E., appointment, 81, 148, 149, 692,
 914, 981, 984, 1448
 Pinkelman, H. F., degree, 1242
 Pinkston, Mrs. Helen P., appointment, 262
 Pinska, Elizabeth J., appointment, 397
 Pinsky, Sylvia, appointment, 242, 702, 1081
 Pintak, F. J., degree, 804
 Pinto, P. S., degree, 1574
 Piotrowski, D. P., degree, 590
 Pipe, purchase, Aeronautical Engineering, 524
 Physical Plant, 468, 501, 1264
 stainless steel, use for conducting milk,
 study, contract, 1207
 Pipe covering, East Dentistry-Medicine-Phar-
 macy Building, contract, 1414
 Physical Plant, purchase, 767
 Research and Educational Hospitals Addi-
 tion, contract, addition, 640
 Pipe fittings, Physical Plant, purchase, 557
 Pipenhagen, C. A., Jr., degree, 803
 Piper, E. L., degree, 583
 Piper, R. J., degree, 818
 Piping, contract, Abbott Power Plant, Diesel
 engine house, 658
 Abbott Power Plant Addition, 25, 495
 steam tunnel, 658
 Pirani, C. L., appointment, 360, 1188, 1350
 Pires, E. G., degree, 1393
 Pirouzbakht, Javad, fellowship, 1501
 Pirtle, H. C., degree, 417
 Pisano, J. J., degree, 1577
 Pisha, E. F., degree, 1396
 Piskun, B. A., degree, 1248
 Pisoni, D. C., degree, 815
 Pissarro painting, gift, 483
 Pister, K. S., appointment, 134, 970
 degree, 1535
 Pistruì, W. M., degree, 595
 Piszczek, E. A., appointment, 361, 1191
 Piskiewicz, F., appointment, 359, 1187
 Pitesky, I., degree, 827, 830
 Pitman, P. E., degree, 585
 Pitschke, H. F., degree, 1401
 Pitt, C. A., appointment, 397, 1081
 Pittendrigh, C. S., appointment, 873
 Pittenger, Mrs. Betty D., appointment, 271,
 1108
 Pittenger, O. E., degree, 581
 Pittman, C. P., appointment, 282, 1117
 Pittman, D. C., degree, 596
 Pittman, G. A., appointment, 265, 1101
 Pittman, H. W., appointment, 356, 1185
 Pittman, Norma R. M., degree, 1250
 Pittman, V. H., appointment, 293, 1129
 Pitts, Pauline D., degree, 794
 Pitts, W., appointment, 212
 Pittsburgh Consolidation Coal Co., gift, 549,
 1468
 Pittsburgh Plate Glass Co., purchase, 712
 Piunti, O. J., degree, 422
 Pixley, Patricia, appointment, 1099
 Place, V. A., appointment, 355, 1184
 leave of absence, 647
 Placek, C., appointment, 446
 resignation, 573
 Placek, S., degree, 1387
 Placement and Follow-Up, Education, budget,
 146, 285, 983, 1121
 Placement Bureau, budget, 67, 264, 899, 1100
 Plagge, J. C., appointment, 201, 510, 1037,
 1275
 Plaisance, S. F., degree, 587
 Plaisted, Mrs. Florence, appointment, 1097
 Plambeck, Jean, degree, 423
 Planck, Barbara S., degree, 817
 Planey, J. A., degree, 1248
 Plankenhorn, Mary R., appointment, 276, 1112
 Plankenhorn, W. J., appointment, 123, 957
 discovery, patent rights, release, 854
 Plant breeding greenhouse, heating system,
 improvements, appropriation, 520
 Plant disease control, experimental program,
 funds, gift, 1213
 Plant growth, study, contract, change, 668
 Plant Pathology, appropriation, balance reap-
 propriated, 1197
 Plapp, C. W., degree, 784
 Plasma substitutes, research, gift, 1215
 Plastering, maintenance and minor improve-
 ments, contract, 1203, 1493
 prevailing wage rates, schedule, 1204
 Plastic deformations, research, contract, 560
 Platt, D. R., degree, 1572
 Platt, M., degree, 823
 Plattis, Pauline, appointment, 321, 1160
 Plattner, P. A., appointment, 691
 Platt Trailer Co., Inc., purchase, 766
 Player, Lora L., degree, 1550
 Player, Virginia L., degree, 819
 Playground, Student and Staff Apartments,
 construction, contract, 666
 Pleasants, Sarah, degree, 1559
 Plechaty, E. F., degree, 1558
 Plein, E. M., appointment, 1491
 Pliskin, I., degree, 1577
 Plotkin, N., degree, 1555
 Plotkin, Nancy B. G., degree, 1555
 Plumbing, contract, Agricultural Engineering
 Annex, 847
 Animal Sciences Laboratory, addition, 370
 Bussey Hall, 763
 dairy barns, 544
 East Dentistry-Medicine-Pharmacy Build-
 ing, 1414
 Huff Gymnasium, 340
 Illini Grove, 639
 Men's Residence Hall, 763, 1290
 minor alterations and remodeling, 368,
 848, 1518
 Noyes Laboratory, 345, 527, 1203

Plumbing, cont'd

- Radiocarbon Laboratory, 638
- radio transmitter building, 493
- Research and Educational Hospitals Addition, change, 640
- residence hall in Chicago, 650, 1312
- Staff Apartment Building in Chicago, 650, 1312
- Stock Pavilion addition, 846
- Veterinary Medicine Building annex, 493, 864
- Plumhoff, W. A., certificate, 1254
- Plumlee, K. E., degree, 795
- Plummer, Mrs. Elsie M., appointment, 1111
- Plummer, R. B., appointment, 397, 1275 degree, 584
- Plummer, Vera, appointment, 324
- Plum fellowships, regulations, 714
- Pocock, G. E., degree, 1557
- Poczek, Felicia B., degree, 1555
- Poczek, J. J., appointment, 134, 970
- Podalsky, K. C., degree, 1564
- Podolsky, J. M., degree, 419
- Poehler, E. S., appointment, 272, 1108
- Poehler, Mrs. Lucille A., appointment, 270, 1106
- Poerio, J. F., degree, 810
- Poetzinger, A. P., appointment, 326, 1167
- Poggemeier, W. H., degree, 827
- Pogue, W. G., degree, 1570
- Pohlman, M. A., degree, 804
- Pohndorf, R. H., appointment, 397, 995
- Poinsett, A. C., degree, 1399
- Poitras, A. W., degree, 450
- Pokrajac, Smilja, appointment, 317, 1155
- Polakow, F. H., degree, 594
- Polar recorder, Electrical Engineering, purchase, 852
- Polensky, Mrs. Meryl H., appointment, 305
- Police uniforms, Physical Plant, purchase, 376
- Policy and rules, nonacademic employees, administration, 1441
- amendment, 1514
- revisions, 1418, 1426
- Polios, S. M., degree, 590
- Political meetings, use of University premises, 1326
- policy, 3
- Political Science, budget, 82, 267, 915, 1103
- summer session, 698, 1454
- fellows, 682, 1485
- Garner fellowship, established, 473
- gift, 523
- Polivka, R. P., fellowship, 681
- Polk, Carol R., degree, 592
- Polk, G. A., appointment, 130
- resignation, 404
- Polk, H. K., appointment, 126, 961
- declination, 1280
- Polk, I. H., appointment, 446
- resignation, 573
- Polk Street, buildings on site of East Dentistry-Medicine-Pharmacy Building, demolition, contract, 1304
- Polk Street and Hermitage Avenue, parking lot, resurfacing, contract, 707
- northwest corner, sidewalks and curbs, contract, 370
- Polkow, A. F., degree, 1398
- Pollack, Carmen, degree, 1556
- Pollan, B. I., degree, 594
- Pollard, C. N., degree, 785
- Pollard, J. T., Jr., degree, 827
- Pollard, L. D., degree, 797
- Pollard, Mrs. Margaret L., appointment, 262
- Pollard, Mrs. Ruth M., appointment, 262
- Pollard, W. S., Jr., appointment, 45, 125, 958
- Polley, R. O., degree, 585
- Polley, T. Z., appointment, 355, 1183
- Polley, W. Z., degree, 585
- Pollock, F. J., appointment, 359, 1188
- Pollock, G. H., appointment, 362, 873, 1048 degree, 1569
- Polly, E. M., appointment, 326, 1168
- Polner, W., appointment, 675, 1009, 1015
- Polo, Claudia A., degree, 1250
- Polonyi, A. S., degree, 1398
- Polson, J. A., appointment, 128, 963
- Polson, R. F., certificate, 842
- Polton, V. F., degree, 1394
- Polymetric materials, colloidal characteristics, research, gift, 1213
- Polzin, D. E., degree, 1538
- Polzin, Virginia M., degree, 1559
- Pomatto, B. D., degree, 822, 1571
- Pomerantz, S., appointment, 1528
- Pomeroy, D. S., appointment, 84, 917
- leave of absence, 532
- Pomije, E. F., degree, 822, 1571
- Pomper, L., degree, 1558
- Pompilio, M. L., degree, 816
- Poncher, H. G., appointment, 208, 1045
- gift, 556, 1219
- member of advisory committee, 562
- Pond, C. L., degree, 1562
- Pond, C. P., appointment, 160, 995
- Ponder, Marilyn J., appointment, 273
- Ponder, Phyllis M., appointment, 1112
- Pontious, C. E., degree, 1394
- Pontious, G. H., appointment, 305, 1141
- authority to sign name of Comptroller on withdrawals from Dentistry, Medicine, and Pharmacy Construction Fund Account, 666
- authority to sign name of President of Board, 602, 1404
- Ponto, Irene H., degree, 408
- Pool, E. G., degree, 1564
- Poole, Florence L., appointment, 7, 398, 1016
- Poole, H. A., degree, 1249
- Poole, M. A., Jr., degree, 421
- Poole, N. K., degree, 1248
- Poole, W. E., degree, 595
- Pooley, Luella F., degree, 1242
- Poore, W. D., appointment, 1100
- Pope, C. A., degree, 1242
- Pope, Irene B., degree, 1245
- Pope, Ruth R., degree, 1237
- Pope, W. A., Co., bid, 658
- contract, 25
- addition, 495
- Pope, W. T., appointment, 217, 1053
- Pope Foundation, Inc., gift, 554, 1472
- Papel, O. J., degree, 807
- Popelka, Blanche M., appointment, 210, 229
- resignation, 404
- Popham, J. E., degree, 1548
- Pora, T. J., degree, 1394
- Porcelain ware, laboratory, General Chemical Stores, purchase, 526
- Porembsa, S. C., degree, 1562
- Porowski, T., degree, 413
- Porteous, W. L., degree, 409
- Porter, D. A., degree, 791
- Porter, Dorothy E., appointment, 273, 1109
- Porter, E. D., degree, 1252
- Porter, E. G., appointment, 1450
- fellowship, 1483
- Porter, F. M., appointment, 128, 963
- Porter, Gladys E., appointment, 1098
- Porter, I. L., bond, increase, 379
- tribute, 503
- Porter, Mrs. Katherine E., appointment, 1113
- Porter, Mrs. Klara, appointment, 1132
- Porter, Marian, appointment, 1130
- Porter, R. E., appointment, 330, 1172
- Porter, T. B., appointment, 675
- degree, 1387
- Porterfield, Helen E., appointment, 294
- Porth, Gloria, appointment, 1169
- Portis, S. A., appointment, 353, 1181
- Portlock, Marjorie A., appointment, 276, 1112

- Portney, F. R., degree, 1572
fellowship, 1232
resignation, 1280
- Portnoy, W. M., degree, 1394, 1545
- Porzezinski, E. J., degree, 1394
- Posinski, Mrs. Eugenia, appointment, 333
- Poslusny, Jeanne A., degree, 580
- Posner, H. L., degree, 1287
- Post, D., degree, 1246
- Post, J., appointment, 355, 1183
- Post, W. E., appointment, 352, 1181
- Postgraduate, Medicine, budget, 201, 307, 1036, 1144
- Postgraduate courses, Dentistry, fees, 337
- Postgraduate Studies, Dentistry, budget, 215, 312, 1051, 1150
charts, purchase, 340
extension program, printing of manual, contract, 30
change, 523
telephone service, 30, 613
television facilities, 30
- Postgraduate Telephone Revolving Account, Dentistry, 216, 312, 1052
- Potentiometers, purchase, Chemistry, 615
Physics, 525
- Potter, Ann M., appointment, 184, 510, 1019
- Potter, E. E., degree, 1399
- Potter, Frances M., appointment, 263, 1099
- Potter, J. H., appointment, 129, 696, 963, 1452
- Potter, J. O., degree, 814
- Potter, Jacqueline R., degree, 1249
- Potter, Joan D., degree, 1563
- Potter, L. A., Jr., appointment, 156, 990
- Potter, Nancy L., degree, 1287
- Potter, Mrs. Prudence S., appointment, 1111
- Potter, R. C., degree, 1555
- Potter, R. E., appointment, 398, 985
- Potter Electric Service, bid, 667
contract, 494, 639, 1518
addition, 345
change, 528
- Potthoff, E. F., appointment, 59, 144, 892, 980
- Potts, A. G., appointment, 271, 1107
- Potts, L. R., appointment, 273
- Potts, Mrs. Mildred, appointment, 1116
- Potts, R. M., degree, 1240
- Poulin, W. E., degree, 1567
- Poulos, Anna, appointment, 1149
- Poulos, T. H., appointment, 693
- Poultry fat, stability, research, contract, 523, 1306
- Poultryman, work schedule, change, 705
- Poultry nutrition, study, contract, change, 713, 769, 1464
- Pouncey, Lorene, appointment, 184, 1019
resignation, 1280
- Pounds, R. L., degree, 1553
- Povelones, Diana S., appointment, 281, 1117
- Powell, C. L., degree, 587
- Powell, D., appointment, 112, 114, 945, 948
- Powell, Frances L. A., appointment, 9, 1307
- Powell, G., member of advisory committee, 1195
- Powell, H. R., appointment, 1447
- Powell, M. L., appointment, 1106
degree, 798
- Powell, M. M., degree, 1239
- Powell, Mrs. Priscilla G., appointment, 60, 893
degree, 790
- Powell, R., appointment, 1167
- Powell, R. K., degree, 821
- Powell, W. L., degree, 413
- Power, J. F., degree, 585, 1387
fellowship, 513, 676
- Power, Ruth I., appointment, 185, 645, 1020
- Power Equipment Co., purchase, 502
- Power Farm Implement Co., purchase, 524
- Powers, C. W., appointment, 465, 1102
- Powers, E. L., degree, 420
- Powers, G. H., appointment, 279, 1115
- Powers, H. J., degree, 1555
- Powers, Mrs. Irene, appointment, 321
- Powers, J. J., degree, 815
- Powers, K. J., degree, 792
- Powers, M. B., certificate, 42
- Powers, R. A., degree, 804
- Powers, R. F., degree, 1547
- Powers, W. E., degree, 827
fellowship, 448
- Power supplies, Physics, purchase, 669
- Powlen, P. J., degree, 1245
- Powles, F. W., degree, 1571
- Powles, J. G., appointment, 1499
- Poxon, C. A., degree, 583
- Poynter, R. L., degree, 420
- Pozdol, R. J., degree, 810
- Pracyk, J. A., Jr., appointment, 216, 510, 571, 1052, 1054
- Pradel-Vallejo, Elsa V., resignation, 1316
- Praetorians of Illinois, gift, 1211
- Praglin, J., degree, 1535
- Pratt, C. H., appointment, 61, 894
authority to sign name of President of Board, 601, 1404
- Pratt, D. W., appointment, 163, 999
degree, 1392
resignation, 1280
- Pratt, E. J., certificate, 42
- Pratt, Ethel C., degree, 1250
- Pratt, G. J., degree, 1570
- Pratt, H. A., degree, 818, 1565
- Pratt, J. D., degree, 804
- Pratt, J. T., degree, 1548
- Pratt, R. P., degree, 1251
- Pratt, W. F., degree, 454
- Pratter, Maryrose, appointment, 12
- Pray, Barbara V., appointment, 873
- Preble, H. E., degree, 807, 1536
- Precision Scientific Co., purchase, 613
- Preissig, J. L., degree, 420
- Prendergast, J. J., certificate, 488
- Prendergast, Marv J., degree, 793
- Prendergast, R. F., certificate, 842
- Prentice, G. R., degree, 410
- Prentice, R. L., degree, 824, 1574
- Prenursing, curriculum, 537
- Prepouses, N. T., degree, 1538
fellowship, 676
- Presbyterian Hospital, facilities, use by University, 861
- Presbyterian Hospital Nurses Home, rooms, rental, 1260
- Prescott, W. C., degree, 1558
- President of Board, election, 600, 1404
signature, delegation, 601, 1404
- President of University, authority, purchases, 851
automobile, purchase, 1346
easement for pipe line to cross Allerton Farms, study, 483
report, conditions in College of Commerce and Business Administration, 482, 484
Russell Report, 516, 934
state of University for period 1946 to 1950, 381
Warner Construction Co. contracts, 615
preparation requested by Board, 535
retiring members of academic staff, recognition, study, 1503
salary, 855
- President's House, carpet, purchase, 671
kitchen improvements, appropriation, 849
contract, 849
piano, appropriation, balance reappropriated, 38
water softener equipment, contract, 714
- President's Office, budget, 58, 255, 891, 1092
- Presley, Halina J., appointment, 241, 1080
- Presley, Sophie J., appointment, 355, 1183
- Press, E., appointment, 45, 235, 361, 1047, 1073

- Press, E. G., appointment, 446, 1058
 Press, L., fellowship, 1484
 declination, 1487
 Press, University, budget, 169, 289, 1005, 1126
 director, appointment, 1506
 printing of books, Allen, C. M., 377
 Bailey, P., and von Bonin, G., 527
 Biological Monographs, 468
 Chicago Undergraduate Division catalog, 712, 1494
 Lewis, O., 1416
Miracle of Growth, 767
 Monroe, W. S., 1206
New Perspectives in Marketing, 440
 Perry, B. E., 30
 Randall, J. G., 377
 Shurz, C., 377
 Siebert, F. S., 1305
Space Medicine, 615
 Studies in Language and Literature, 469
 Studies in Social Sciences, 468
 Time Table, 467, 1305, 1465
 Trump, J. L., 377
 Undergraduate Study catalog, 768, 1466
 Windsor lectures, 440
 Znaniecki, F., 1206, 1495
 revolving account, 170, 290, 1005
 Presser Foundation, gift, 1211
 Presson, O. J., degree, 804
 Prestin, H. W., appointment, 298
 Preston, C. G., appointment, 279, 1115
 Prestopino, G., painting, purchase, 711
 Prestridge, J. A., Jr., appointment, 153, 988
 Pretula, H. L., degree, 1558
 Preuss, R. S., certificate, 842
 Preventive Medicine, appropriation, balance re-appropriated, 40
 budget, 211, 311, 1047, 1148
 clinical faculty, 361, 1190
 merged with Department of Medicine, 1339
 organization, 1339
 quarters in Municipal Contagious Disease Hospital, remodeling, contract, 464
 research, gift, 552, 553, 1219
 Price, A. L., Jr., appointment, 1138
 degree, 417
 Price, Caroline T., degree, 807
 Price, Faye H., degree, 784
 Price, G. A., degree, 1335
 Price, G. W., degree, 809
 Price, Irene L., degree, 1244
 Price, J. L., degree, 590
 Price, J. R., degree, 804
 Price, P. W., appointment, 157, 446, 697, 991, 992, 1452
 Price, Patricia E., degree, 800
 Price, R. C., degree, 792
 Price, R. E., degree, 422
 Price, Robert Lawrence, degree, 812
 Price, Robert Lee, degree, 419
 Price, R. M., appointment, 45, 245, 247, 510, 702, 1084, 1085, 1457
 Price, R. W., degree, 787
 Price, T. W., appointment, 1380
 degree, 1385
 Price, W. T., Jr., appointment, 1185
 Prickett, Edna A., appointment, 8
 Priebe, A., appointment, 291, 1127
 Prier, J. E., appointment, 114, 163
 declination, 404
 Priest, F. O., appointment, 356, 1185
 Priest, R. E., appointment, 696
 degree, 1245
 fellowship, 1352
 Priestley, G. F., degree, 592
 Prigge, R. O., degree, 1563
 Prikopa, J. I., degree, 1238
 fellowship, 1484
 Prill, H., appointment, 311
 Primas, R. P., degree, 1401
 Primero, Francisca, appointment, 320, 1159
 Primrose, J. V., certificate, 42
 Prince, D. M., degree, 413
 Prince, J. C., degree, 814
 Principe, P. A., degree, 410
 Prindiville, L. L. G., degree, 587
 Pringle, J. T., appointment, 293, 1129
 lease, 1208
 Pringle, J. W., degree, 1555
 Printing Products Corp., purchase, 712
 Prints and drawings, Art, gift, 551
 Printy, G. E., fellowship, 877
 resignation, 1383
 Prio, R., Jr., degree, 1563
 Prishinger, E. J., degree, 594
 Pritchard, D. D., appointment, 279, 1116
 Pritchard, Mrs. Doris F., appointment, 262, 1098
 Pritchard, P. R., degree, 821
 Prizant, H. G., & Co., contract, 1414
 Prizes, funds, budget, 194, 234, 1029, 1073
 Probandt, G. F., degree, 799
 Probst, R. O., degree, 589
 Prochaska, Edward J., degree, 1552
 Prochaska, Eugene J., degree, 1558
 Prochnow, R. M., degree, 1252
 Procter & Gamble Co., gift, 549, 1212
 Procter & Gamble Distributing Co., purchase, 670
 Proehl, C. W., degree, 406
 Prohaska, J. V., appointment, 363
 Prohaska, Rosemary, appointment, 329, 1171
 Projection equipment, Physical Plant, appropriation, 492
 Prokop, J. W., degree, 420
 Pronestyl, research, gift, 1215
 Propes, E. L., degree, 824, 1570
 Propst, D. W., appointment, 353
 resignation, 1234
 Prosise, L. S., degree, 1251
 Prosser, C. L., appointment, 82, 511, 915
 Prothe, W. C., appointment, 873, 1228, 1478
 Protzman, Ruth M., appointment, 184, 1019
 degree, 1537
 Proudft, Mrs. Doyne, appointment, 1100, 1114
 Province, Dorothy, appointment, 8
 Province, L. H., appointment, 153, 987
 Provo, Beverly C., degree, 1249
 Provost's Office, appropriations, balances reappropriated, 37
 budget, 59, 255, 891, 1092
 Prower, F., certificate, 1329
 Prucha, M. J., appointment, 103, 937
 Pruett, Jean M., appointment, 256, 1093
 Prunty, Carolyn Y., degree, 407
 Prusaczyk, W., degree, 1568
 Prusin, R. S., degree, 1561
 Prust, Phyllis J., degree, 1560
 Prutsman, Lela, appointment, 11, 1308
 Pruzansky, S., appointment, 220, 235
 resignation, 479
 Prymski, R. M., degree, 413
 Pryor, Marjorie A., appointment, 263, 1099
 Przypyszny, J. C., degree, 420, 1572
 Psota, F. J., degree, 823
 Psychiatry, anonymous gift fund, addition, gift, 1219
 budget, 211, 311, 1047, 1148
 clinical faculty, 361, 1190
 electroencephalograph, purchase, 558
 photofluoroscopic project equipment, appropriation, 521
 room in Neuropsychiatric Institute, furnishing, 1521
 research, gift, 554, 555, 556, 1214, 1215, 1216, 1218
 stereotaxic instrument, purchase, 670
 Psychology, appropriations, balances reappropriated, 37, 1197
 Bonfils fellowship, gift, 1213
 budget, 83, 267, 916, 1103
 summer session, 698, 1454

- Psychology, cont'd
 clinical training, funds, gift, 550
 equipment, appropriation, 470
 fellows, 682, 1485
 purchase, adaptometer, 672
 airplane, 341
 electroencephalograph, 525
 milling machine, 1466
 research, gift, 550
 Psychological Clinic, remodeling, appropriation, 611
 Psychotherapy, research, gift, 1470
 Publications, budget, 136, 972
 scholarly, appropriations, balances reappropriated, 38
 Public functions, budget, 68, 901
 Public Health, appropriations, balances reappropriated, 1199
 budget, 212, 312, 1048, 1149
 calculating machines, appropriation, 706
 purchase, 838
 clinical faculty, 361, 1191
 Public Information, budget, Chicago Professional Colleges, 199, 307, 1034, 1144
 Chicago Undergraduate Division, 240, 331, 1079, 1173
 Urbana-Champaign departments, 170, 290, 1006, 1127
 Public Roads, Bureau of, contract, 560
 change, 610
 Public Service Co. of Indiana, gift, 1472
 Public Service Co. of Northern Illinois, contract, 1208
 change, 668, 1360
 gift, 550, 1470
 Public utilities lines, Chicago, relocation, 657
 Puckett, Evelyn J., appointment, 1114
 Puckett, Thelma E., appointment, 297, 1133
 Puestow, C. B., appointment, 213, 1049
 Puestow, R. C., appointment, 1315
 Pugh, R. C., degree, 576
 Pugh, R. O., degree, 1391
 fellowship, 681
 Puglia, C. R., fellowship, 1479
 Pugsley, B. W., degree, 1549
 Pugsley, Nancy, appointment, 1103
 Pullen, M. S., appointment, 1380
 degree, 1535
 Pullen, Mrs. Mary K., appointment, 301, 1136
 Pulley, Lois, appointment, 1160
 Pulliam, J., appointment, 279, 1115
 Pulliam, Lida G. W., degree, 1250
 Pulliam, P. E., degree, 1565
 Pullman, E. W., degree, 824, 1573
 Pullman, Mrs. Phyllis, appointment, 311
 Pullum, B., Jr., appointment, 308
 Pulo, E. J., degree, 1248
 Pulos, A. J., appointment, 154, 989, 1445
 leave of absence, 1503
 Puls, Bonnie M., degree, 586
 Pump vault, northwest corner of Administration Building, contract, 863
 Pundsack, F. L., degree, 1533
 fellowship, 678
 declination, 684
 Punnett, T. R., Jr., fellowship, 1352, 1485
 Punyagupta, S., appointment, 1528
 Punzak Air Conditioning & Sales Co., contract, 846
 Purcell, Margaret E., appointment, 10
 Purcell, R. A., degree, 807
 Purchases, 29, 340, 374, 439, 466, 499, 524, 557, 564, 611, 669, 710, 766, 837, 851, 1205, 1263, 1291, 1304, 1326, 1343, 1359, 1416, 1465, 1494, 1519
 authorization, amendment of Statutes, 851
 Purchasing Office, caps and gowns, rental, 467, 672, 1466
 Purdue, R. E., degree, 585
 Purdum, R. J., appointment, 1228
 Purko, M., degree, 1285
 Purl, Mrs. Martha S., appointment, 266, 1102
 Purl, O. T., degree, 587, 1389
 Purnell, Hazel S., degree, 1555
 Purnell, Isabelle S., appointment, 398, 571, 1351
 Purnell, W. F., appointment, 99, 117, 933, 950, 1275
 Purnell Fund, budget, 115, 275, 948, 1111
 Pursley, C. J., degree, 814
 Purvin, Sara, fellowship, 1232
 Purvis, C. G., appointment, 160, 995
 degree, 1544
 Purvis, Dulcena P., degree, 586
 Purvis, T., Inc., purchase, 376, 614, 671, 1291
 Purvis Tractor Co., purchase, 614
 Pusey, W. A., Fund, gift, 1219, 1474
 Pusey, W. S., appointment, 294, 1130
 Pushian, Alice J., degree, 1556
 Pushkin, E. A., appointment, 357, 1042
 Pusso, Mrs. Kathryn A., appointment, 277
 Pustelnik, R. J., degree, 1395
 Putnam, R. E., degree, 1240
 Putnam, W. J., appointment, 133, 968
 Putnik, E. V., appointment, 157, 991
 Putzer, M., degree, 1243
 Pye, Dolores E., degree, 1566
 Pye, M. L., appointment, 140
 resignation, 404
 Pyenson, H., appointment, 106, 174
 declination, 449
 Pyle, D. K., degree, 1539
 Pyrchla, E. J., degree, 810
 Pyrethrum synergists, study, contract, change, 769
 Pyrex laboratory glassware, purchase, 526, 767, 838
 Pyrogens, study, contract, 1495
 Pyromen, tissue reactions, study, contract, 864
 Pyruvate-oxidase factor, research, contract, 469
 Pyruvic acid, study, contract, change, 1264
 Pyshos, C. S., certificate, 842
 Pyzynski, J. T., degree, 810
 Quackenbush, R. P., degree, 824, 1574
 Quade, A. G., degree, 810
 Quaker Oats Co., gift, 550
 Quam, W. G., degree, 818
 Quanstrum, C. P., degree, 597
 Quarant, J. D., degree, 1392
 Quartetti, L., Jr., degree, 810
 Quastler, H., appointment, 82, 873, 874, 915, 1275
 Quealy, J. T., degree, 1552
 Queen Insurance Co., insurance, purchase, 614
 Quenon, A. O., Jr., degree, 1552
 Questell, Naomi L., appointment, 10
 Questiaux, Lillian M., appointment, 244, 703, 1083, 1458
 Quetsch, Mrs. Miriam F., appointment, 244, 703, 1083, 1458
 Quig, R. G., degree, 585
 Quincy, S. B., degree, 585
 Quine Library of Medical Sciences, budget, 231, 324, 1069, 1166
 call system, appropriation, 476
 funds, gift, 1474
 lighting improvements, appropriation, 1493
 Quinlan, Kathryn H., appointment, 242, 702, 1081
 Quinn, E. J., certificate, 1330
 Quinn, H. E., degree, 803
 Quinn, J. K., appointment, 75, 908, 1449
 Quinn, J. W., degree, 1400
 Quinn, Marian C., appointment, 478, 1043, 1228
 Quinn, N. K., degree, 807
 Quinn, T. G., degree, 1565
 Quinnett, Ada, appointment, 8
 Quinolinic acid, nutritional significance, research, contract, 469
 Quint, J. H., Jr., appointment, 358, 1187
 Quinty, Gladys H., degree, 781

- Quirke, T. T., degree, 810
 Quiros, J. L., degree, 1553
 Quist, J. E., degree, 1551
 Quonset building, State Water Survey, electrical work, 1416
 interior construction, 1416
 purchase, 1416
 Quraishie, M. M., degree, 1397
 Quraishi, K., degree, 1547
- Raasch, Elaine L.**, degree, 1239
Rabelo, Martin, J., appointment, 364
Rabens, I. A., appointment, 353, 1181
Rabin, H., degree, 795
Rabin, Joan F., degree, 807
Rabin, Z., degree, 818
Rabinov, K. R., degree, 810, 1575
Rabinovitz, A. J., degree, 824, 1575
Rabinowitch, E. I., appointment, 136, 971
Rabinowitz, S., degree, 592
Rabkin, N. C., degree, 807
Race, T. A., degree, 817
 Race Street, improvement, University's share of cost, 1301
 property at 1704 South, purchase, 3
 garage, contract, 502
 Race Street and Florida Avenue housing project, drives, surfacing, contract, 26
 flues and chimneys, contract, 1344
 inclusion in Urbana Park District, 1419
 sidewalks, construction, contract, 436
 Race Street area, sanitary sewer, extension, University's share of cost, 465
Rachlin, N. S., certificate, 842
Racine, Shirley J., degree, 420
Rada, R. O., degree, 1551
 Radar mechanics test battery, research contract, 378
Radcliffe, D. H., degree, 1541
Radcliffe, Mrs. Louise E., appointment, 316, 1154
Radek, Antoinette, appointment, 8, 319, 1158
Radeka, P., degree, 1562
Raden, E. A., certificate, 842
Rader, R. R., appointment, 1275
Radice, C., appointment, 246, 398, 1084
Radich, Agnes A., degree, 820
 Radio, Wire Television Co., Inc., purchase, 852
 Radiocarbon Laboratory, electrometer, purchase, 1326
 furniture, purchase, 615
 laboratory equipment, purchase, 1304
 remodeling, appropriation, 521, 638
 balance reappropriated, 1198
 contract, adjustment, 770, 865, 866, 1209, 1361
 electrical work, 638
 general work, 638
 heating, 638
 plumbing, 638
 ventilating and air conditioning, 638
 Radio Corp. of America, gift, 1468
 purchase, 500, 558, 852, 1205, 1466
 Radio direction finding equipment, discovery, patent rights, release, 1463
 Radio equipment, Institute of Aviation, purchase, 837
 Radiology, appropriations, balances reappropriated, 39
 budget, Dentistry, 220, 314, 1057, 1152
 Medicine, 212, 312, 1048, 1149
 Research and Educational Hospitals, 230, 323, 1069, 1165
 clinical faculty, 362, 1191
 purchase, betatron X-ray tube, 501
 ionization measuring unit, 30
 surface grinder, 374
 research, gift, 1217
 X-ray tube, appropriation, 435
 Radio Station, appropriations, balances reappropriated, 38
- Radio Station, cont'd
 budget, 169, 289, 1004, 1125
 purchase, equipment, 500
 field bolts for television tower, 526
 recording tape, 837
 recordings, rental, 767
 steel tower, dismantle, transport, and erect, 343
 transcription disks, contract, 1208
 transmitter building and tower, appropriation, 492
 contracts, 493
 location, 492
 power and lighting, contract, 560
 well, transmitter site, drilling, 500
 Radio writing awards, funds, gift, 548
Radium Chemical Co., Inc., purchase, 30
Radke, C. F., degree, 816
Radome, Physics, purchase, 1476
Radomski, R. F. A., degree, 821
Radosevich, J. R., degree, 820
Radosza, J. E., degree, 795
Radway, J. E., degree, 1396
Radwell, Thelma I., appointment, 255, 1092
Radzimovsky, E. I., appointment, 398, 964, 1380
Rae, A., appointment, 166, 874, 1002
Rae, E. C., appointment, 154, 689, 989
Raemer, R. D., degree, 1561
Raff, M. A., degree, 816
Raffensperger, J. G., degree, 454, 1572
Rafferty, K. A., degree, 796
Rafner, R. S., fellowship, 682
 declination, 732
Ragen, Shirley, appointment, 1164
Raggi, R. A., degree, 1251
Ragins, A. B., appointment, 360, 1188
Ragins, H. D., degree, 827, 831
Ragins, O. B., appointment, 353, 1181
Ragland, G. C., degree, 454
Rago, J. W., degree, 1558
Ragouzis, P. N., degree, 1252
Ragsdale, R. D., degree, 1386, 1389
Rahlf, Dorothea, appointment, 321, 1164
Rahn, D. A., degree, 819
Rahn, S. W., appointment, 263, 1099
Raica, G. A., Jr., degree, 1563
 Railroad rails, causes of failures, study, contract, change, 668, 1464
 Railroad roadbed stabilization, study, contract, change, 1417
Railsback, O. L., appointment, 247, 702, 1085, 1457
Raines, B. R., degree, 1285
Raines, Mrs. Betty L., appointment, 1101
Raines, I. I., degree, 1385
Rainey, R., appointment, 364, 1192
 Rain gauge, State Water Survey, purchase, 1521
Rains, J., appointment, 270
Raisbeck, A., appointment, 362
Raisler, Beverly J., degree, 810
Raizes, M. P., degree, 797
Raju, P. T., appointment, 1333
Rak, J. P., degree, 821
Rakebrand, A. W., degree, 1577
Raleigh, W. T., degree, 823
Rall, R. W., degree, 793
Rally, F. C., degree, 1249
Ralph, W. D., Jr., fellowship, 1481
Ralston, Cynthia F., degree, 1550
Ralston, D. C., degree, 1551
Ralston, H. A., degree, 1551
Ralston Purina Co., gift, 1212
Rama, R., fellowship, 513
 declination, 646
Ramaniah, M. V., fellowship, 678, 1278, 1481
Ramaswami, D., appointment, 1315
 degree, 1569
 fellowship, 1232
 resignation, 1280
Ramberg, E. R., degree, 1570

- Ramek, Joyce S., degree, 807
 Ramey, O. W., degree, 418
 Ramirez, Mrs. Maria D., appointment, 324, 1162
 Ramis, R., degree, 1560
 Ramos, F. V., degree, 1240
 Ramsden, R. E., degree, 1392
 Ramser, J. H., appointment, 97, 930
 Ramsey, Edith, appointment, 317, 1155
 Ramsey, Eva, appointment, 317, 1155
 Ramsey, Georgia M., degree, 828
 Ramsey, J., appointment, 306, 1142
 Ramsey, J. P., degree, 1401
 Ramsey, W. L., degree, 1237
 Ramsey, W. M., degree, 597
 Ramshaw, W. C., appointment, 301
 Ramza, M. J., degree, 797
 Rance, Joan E., degree, 807
 Rand, S. B., degree, 593
 Randall, F. J., Jr., degree, 799
 Randall, J., degree, 1247
 Randall, J. G., appointment, 79, 912
 book, printing, 377
 Randall, W. E., Jr., appointment, 1491
 Randell, Norma, appointment, 1143
 Randell, R., degree, 799
 Randolph, Mrs. Bess W., appointment, 268
 Randolph, Josephine A., degree, 1555
 Randolph, Kathryn S., degree, 424
 Randolph, P. G., degree, 1284
 Rane, Marie, appointment, 332, 1174
 Raney, C. C., appointment, 300, 1136
 Raney, Mrs. N. Jean, appointment, 1130
 Ranke, E. J., appointment, 204, 1039
 Rankin, E. P., degree, 823
 Rankin, F. H., appointment, 92, 925
 Rankin, O. R., appointment, 74, 907
 degree, 1386
 Ranney, Mrs. Elizabeth M., appointment, 1130
 Ranney, J. A., appointment, 82, 916, 1454
 Ransdell, P. E., degree, 1555
 Ransom, J. R., degree, 786
 Ransom, W. E., degree, 597
 Ranz, J., appointment, 184
 Ranz, W. E., appointment, 123, 905
 leave of absence, 1353
 Ranzenberger, G. F., degree, 803
 Rao, R. N., degree, 578
 Raper, H. E., degree, 1248
 Raper, K. B., appointment, 71, 904
 Rapp, Mrs. Esther H., appointment, 75, 908
 leave of absence, 604
 Rapp, F. M., degree, 817
 Rapp, M. G., degree, 1398
 Rappaport, A., degree, 822, 1571
 Rappaport, B. Z., appointment, 353, 1181
 gift, 556
 Rappaport, Mrs. Esther, appointment, 307
 Rappaport, I., degree, 1572
 Rappaport, R., degree, 417
 Rappaport, S. H., degree, 810
 Rapoport, Evelyn J., degree, 813
 Rasch, A. R., degree, 829
 Rascher, V. H., degree, 1549
 Rascher & Betzold, Inc., purchase, 838, 852, 1520
 Rasgon, I. M., degree, 1572
 Rash, L. E., degree, 424
 Rashenskas, E. L., degree, 1252
 Raska, S. B., degree, 1573
 Raskin, A., degree, 790
 fellowship, 1278
 Rasmussen, Betsy, appointment, 9
 fellowship, 1232
 Rasmussen, Carol N., appointment, 774
 Rasmussen, D. E., degree, 1386
 Rasmussen, Mary H., fellowship, 1484
 Rasmussen, N. P., degree, 799
 Rasmussen, R. J., degree, 818
 Rasner, Mrs. Mary V., appointment, 1124
 Rasor, N. S., degree, 795
 Rasso, A. C., degree, 1542
 Ratajack, Grace, appointment, 1160
 Ratajczyk, Alice, appointment, 321
 Ratajik, Alyda R., degree, 824, 1575
 Ratcliff, Mrs. Pat A., appointment, 1095
 Ratcliffe, T. E., appointment, 186, 1021
 Rathbone, D. E., fellowship, 679
 cancellation, 778
 Rathelag, J. C., degree, 597
 Rattner, A., appointment, 1528
 Ratzesberger, Lelia M., degree, 807
 Ratzka, W., certificate, 42
 Ratzki, J. W., degree, 801
 Rau, Irma J., degree, 1249
 Rau, J. E., certificate, 842
 Rauch, Irene, degree, 1246
 Raud, Elizabeth, appointment, 1166
 Rausch, Dorothy, appointment, 8, 223, 1060
 Rausch, J. P., degree, 424
 Rauschenberg, R. A., degree, 808
 Rauschenberger, J. W., appointment, 154, 689, 989
 Ravanelli, Lydia, appointment, 1159
 Ravenna, P., appointment, 354, 1182
 Rawcliffe, R. D., appointment, 132, 698, 967, 1453
 Rawdon Smith Associates, purchase, 1465
 Rawitch, M. A., degree, 1572
 Rawlins, H. L., degree, 1242
 Rawson, R. D., degree, 1575
 Ray, Mrs. Anna S., appointment, 288, 1124
 Ray, B. R., appointment, 72, 874, 905
 Ray, B. W., appointment, 100, 114, 934, 948
 Ray, Donnadean C., diploma, 1575
 Ray, G. N., appointment, 74, 907, 1449
 leave of absence, 1459
 Ray, H. C., appointment, 326, 1168
 Ray, H. H., appointment, 1108
 Ray, J. D., Jr., degree, 1281
 Ray, Mary, appointment, 355, 1184
 Ray, O. H., appointment, 278, 1114
 Ray, W. E., degree, 593, 1392
 Rayborn, C. E., degree, 785
 Rayburn, J. P., appointment, 271, 1107
 Raymer, J. M., degree, 589
 Raymon, F., Jr., degree, 831, 1575
 fellowship, 448
 Raymond, R. L., appointment, 1228
 degree, 789
 Rayner, W. H., appointment, 124, 691, 958, 1447
 Raytheon Manufacturing Co., purchase, 468, 501
 Raywid, Mary A., degree, 408
 Reach, C., degree, 1572
 Read, C. D., degree, 1550
 Read, Mrs. Ellen D., appointment, 257
 Read, H., appointment, 92, 118, 925, 950, 952
 leave of absence, 1488
 Read, R. E., degree, 1567
 Read, S. E., appointment, 258, 1094
 Read, S. W., degree, 785
 Read, W. B. & Co., purchase, 341, 440, 712
 Reagan, Ellen A., degree, 592
 Reagan, G. W., appointment, 145, 692, 980, 1448
 Real estate taxes, exemption, letter of H. H. Harmon, referred to General Policy Committee, 1270
 report, 1331
 payments in lieu of, 441, 469
 Reardon, H. T., Jr., degree, 799
 Reardon, N. D., bequest, payment received, 1467
 Reaser, Mrs. Mary W., appointment, 1096
 Reavley, C. E., certificate, 842
 Rebber, Lelah, appointment, 320
 Rebecca, S. J., degree, 1567
 Rebsch, Margaret A., degree, 828
 Receptacles, Electrical Engineering, purchase, 344
 Recher, A. W., degree, 422
 Reck, R. H., degree, 417

- Recka, R. E., degree, 1394
 Reckling, Rosemarie, degree, 420
 Recorder, sound-on-film, Photographic Laboratory, purchase, 500
 Recordings, Radio Station, rental, 767
 Recording tape, Office Supply Storeroom, purchase, 1305
 Records, J. K., appointment, 127
 resignation, 404
 Recreation, graduate program, 1509
 Redden, H. F., appointment, 398
 cancellation, 479
 Reddick, G. E., appointment, 87
 Reddick, Marjorie D., degree, 1236
 Reddinger, Patricia A., degree, 590
 Redfield, A. G., degree, 1391
 fellowship, 681
 declination, 684
 Redfield, Edith B., degree, 453
 Redmon, Mrs. Pearl E., appointment, 273,
 1109
 Redmond, Frances, appointment, 10
 Reece, E. J., appointment, 531, 1350, 1451
 Reece, Florence L., appointment, 269, 1106
 Reed, C. A., appointment, 221, 1058
 Reed, C. I., appointment, 210, 1046
 Reed, Cordelia, appointment, 77, 910
 Reed, D. E., degree, 815
 Reed, J. P., degree, 452
 Reed, Mrs. K. Yvonne, appointment, 276
 Reed, M. B., appointment, 126, 960
 Reed, Margaret A., appointment, 109, 115,
 116
 Reed, Mildred E., appointment, 140, 975
 Reed, Mrs. Patricia P., appointment, 292,
 1128
 Reed, R. H., certificate, 1490
 Reed, R. M., degree, 1384
 Reed, T. A., degree, 420
 Reeder, C. L., appointment, 1528
 Reeder, E. H., appointment, 144, 692, 980,
 1447
 Reeder, L. J., Jr., degree, 799
 Reeder, Virginia S., degree, 1547
 Reeder Auto Sales, purchase, 341
 Reed Research, Inc., purchase, 710
 Reedy, J. D., degree, 1549
 Reedy, Jean, appointment, 62
 declination, 404
 Reep, H. D., degree, 1284
 Rees, O. W., property, purchase, 3
 Reese, D. G., degree, 799
 Reese, Mrs. Mary C., appointment, 774, 1016
 Reese, R. W., degree, 824
 Reeve, Joan B., degree, 817
 Reeve-Roberts, Hope, degree, 807
 Reeves, Elizabeth J., appointment, 162, 511,
 997
 Reeves, H. P., appointment, 85, 919
 Reeves, Jeniel, appointment, 1528
 Reeves, Madelon, appointment, 8
 Reeves, O. T., degree, 792
 Refractories, enamel smelter operation, study,
 contract, change, 668
 new compositions and structures, discovery,
 patent application, 337
 Refrigeration compressors and coils, residence
 halls in Chicago, contract, 650, 1312
 Refrigeration equipment, Chemistry, purchase,
 502
 Refrigeration Research Foundation, Inc., con-
 tract, 1264
 Refrigeration work, contract, Animal Sciences
 Laboratory, addition, 473
 East Dentistry-Medicine-Pharmacy Build-
 ing, 1414
 Research and Educational Hospitals Ad-
 dition, addition, 1262
 change, 640
 residence halls, 1290
 Stock Pavilion addition, 846
 Veterinary Medicine Building annex, 493
 Refrigerators, residence hall in Chicago, con-
 tract, 650, 1312
 purchase, Animal Science, 439
 Dairy Science, 439
 Physical Plant, 1494
 Regal, S. I., degree, 1392
 Regan, P. H., degree, 821
 Regan, T. J., Jr., degree, 580
 Regas, J. A., degree, 814
 Regenerating tissue, control of abnormal
 growth, research gift, 550
 Regional Research Fund, budget, 115, 275, 949
 Register, Mrs. Joetta, appointment, 1135
 Reglin, Mary E., appointment, 1308
 Regnell, Barbara W., degree, 1393
 Regnell, J. A., appointment, 289, 1125
 Regnier, E. H., appointment, 95, 119, 928,
 952
 Rehagen, F. S., degree, 1562
 Rehberg, R. R., degree, 413
 Rehder, H., appointment, 78, 694, 911
 Rehn, F. K. M., Inc., purchase, 711
 Rehnquist, T. A., Co., contract, 370
 Reichelt, Jeannine A., degree, 791
 Reichenbach, R. H., degree, 1561
 Reichenbach, R. R., fellowship, 1484
 declination, 1487
 Reichers, Caroline, appointment, 213
 Reichert, J. L., member of advisory committee,
 563
 Reickert, F. A., appointment, 124, 958
 leave of absence, 1235
 Reid, C. E., appointment, 326, 1168
 Reid, D. G., degree, 598
 Reid, E. A., appointment, 126, 960
 Reid, Margaret G., appointment, 141, 976
 resignation, 1502
 Reid, Norma T., degree, 1236
 Reifman, R. A., degree, 1572
 Reifsteck, Betty L., appointment, 259, 1095
 Reifsteck, E., appointment, 288, 1124
 Reihmer, G. W., degree, 1539
 Reiland, P. L. J., degree, 807
 Reilly, D. W., degree, 802
 Reilly, Ellen, appointment, 1142
 Reilly, J., certificate, 1338
 Reilly, R. W., fellowship, 877
 Reilly, W., certificate, 488
 Reilly, W. J., degree, 424
 Reimer, D. R., degree, 420
 Reimer, E. R., appointment, 278, 1114
 Reinauer, R., degree, 1401
 Reinecke, Catherine E., degree, 1567
 Reiner, D., degree, 795
 Reiner, I., appointment, 81, 696, 914
 Reiner, R. C., degree, 808
 Reinert, J. M., degree, 587
 Reinforced Concrete Research Council, con-
 tract, 1417
 change, 769
 Reinhardt, J. F., degree, 803
 Reinhardt, Mrs. Shirley, appointment, 1095
 Reinhardt, J. F., appointment, 274, 1110
 Reinhardt, J. H., degree, 781
 Reinhardt, W. G., appointment, 1107
 Reinhardt, W. H., appointment, 273, 1109
 Reininger, E. J., degree, 1545
 Reimund, E. D., degree, 821
 Reinsch, A. J., degree, 1240
 Reinsch, R. T., degree, 1553
 Reischer, H. G., degree, 789
 Reisman, P., degree, 591
 Reisner, D. R., degree, 816
 Reiss, F. J., appointment, 95, 928
 degree, 1532
 Reistroffer, L. P., degree, 422
 Reitsch, C. P., degree, 815
 Reitsch, R., director of Athletic Association,
 1409
 Reitz, R. A., degree, 583
 Reitze, Alberta E., resignation, 404
 Reizner, M. N., degree, 829

- Reliable Paper Co., purchase, 526
 Reliable Plumbing & Heating Co., contract, 340, 345, 368, 527, 714, 847, 848, 1203, 1518
 addition, 345, 864
 adjustments, 33, 379, 469, 524, 561, 610, 668, 669, 713, 770, 865, 1209, 1264, 1306, 1328, 1345, 1361, 1417, 1465, 1495, 1522
 change, 528
 Reliable Sheet Metal Works, Inc., contract, 650, 1312
 Reliance Cabinet Co., contract, 1414
 Remdt, W. B., degree, 420
 Remer, N. A., degree, 420
 Remington, C. A., degree, 1386
 Remington, Janet, degree, 1560
 Remington Rand, Inc., purchase, 558, 611, 710
 Remke, C. R., degree, 583
 Remley, Mrs. Josephine, appointment, 328, 1169
 Remley, M. E., appointment, 1275
 degree, 1386
 Remond, A. J. G., appointment, 1228, 1275
 Remus, E. A., degree, 424
 Renal hypertension, research, gift, 551, 555, 1214, 1216, 1217
 Renda, C. R., degree, 807
 Render, V. R., degree, 413
 Rendleman, J. S., degree, 584
 Rendone, P. R., degree, 811
 Renfro, Elizabeth J., degree, 812
 Renfro, R. J., degree, 804
 Renfro, Udell, appointment, 1170
 Renfro, E. W., appointment, 220, 1056
 Renfrow, O. W., appointment, 874, 981
 Renin, research, patent, release, 518
 Rennels, R. G., appointment, 107, 941
 Renner, S. G., Jr., degree, 1389
 Renney, Kathryn E., appointment, 675
 Renshaw, A., appointment, 315
 Repke, P. W., degree, 1567
 Replinger, J. G., appointment, 398, 1228
 Replogle, V. L., degree, 576
 Republic Coal & Coke Co., compliance with contract specifications, report, 377
 contract, 29, 506, 850, 1312
 purchase, 767, 1521
 Republic Steel, Berger Manufacturing Co., purchase, 1416
 Requarth, W. H., appointment, 214, 1050
 Research, general, budget, 137, 283, 972, 1120
 Research and Educational Hospitals, addressograph equipment, appropriation, 492
 purchase, 502
 air-conditioning unit, contract, 502
 appropriations, balances reappropriated, 39, 40, 365
 budget, 225, 316, 1062, 1153
 electrocardiogram and basal metabolism units, relocation, appropriation, 476
 electroencephalographic equipment, purchase, funds, gift, 523
 elevators, repair, contract, 1360
 replacement, contract, referred to Committee on Chicago Departments, 472
 equipment, appropriation, 435
 funds, gift, epilepsy clinic, 554, 556
 occupational therapy, 554
 tumor clinic, 556
 operating rooms, appropriation, 521
 purchase, furniture, 670
 laboratory order forms, 853
 lockers, 1416
 patient room furniture, 1416
 spectrophotometer, 30
 sterilizer, 1206, 1305
 vitamin capsules, 1466
 X-ray unit, 1350
 relocation of equipment units, appropriation, balance reappropriated, 1199
 Research and Educational Hospitals, cont'd
 remodeling, appropriation, 435, 611, 1359, 1493
 contracts, 464, 471, 608
 steel rolling shutters, contract, 26
 television set, gift, 1216
 Research and Educational Hospitals Addition, builders' all-risk insurance, 32
 contract, electrical work, addition, 1261
 change, 522, 639, 1519
 general work, change, 522, 639
 heating, change, 640
 heating and refrigeration, addition, 1262
 kitchen equipment, addition, 707
 change, 640
 pipe covering, change, 640
 plumbing, change, 640
 refrigeration work, change, 640
 ventilating work, change, 639
 funds, release, 491, 706
 operation, appropriations, request, 384
 Research and Marketing Extension Fund, budget, 118, 953
 Research and Marketing Fund, budget, 115, 275, 949, 1111
 Research and Service, Bureau of, appropriation, balance reappropriated, 38
 budget, 151, 285, 986, 1122
 printing of book, Dewey's essays, 377
 Research Board, funds, additional, appropriation, 470
 Research contracts, government, patent policy, 665
 indirect costs, rules, revision, 1256
 Research Corp., gift, 1213
 Research Corp., of New York, patent services, 534
 Research exhibits, Chicago Professional Colleges, budget, 199, 1035
 Research on Exceptional Children, Institute for, established, 1523
 Research planning reports, preparation of, study, contract, 378
 Reserve Officers' Training Corps, facilities at Chicago Undergraduate Division, appropriation, 1199, 1324
 balances reappropriated, 40
 remodeling, contract, 1260, 1517
 officers assigned to duty at University, academic ranks, 1337
 sword and scabbard, gift, 1211
 uniforms, purchase, 344, 527
 Residence Halls, budget, 64, 66, 194, 897, 899, 1027, 1029, 1139
 Chicago, builders' risk insurance, purchase, 1495
 construction fund account, authority for withdrawals, 666
 contracts, 650, 1312
 site, clearance, 657
 relocation of alley, 656
 expansion, appropriation, 763
 architectural services, 367, 379, 541, 1290
 additional, payment, 1301
 bonds, attorneys employed, 763, 1267
 authority to award, 1343
 authority to sign, 1343
 award, 1356, 1362
 bids, 1356
 authority to secure, 763, 1267
 redemption, 1341
 resolution authorizing issue, 1363
 contracts, 763, 1290
 authority to award, 1267
 conditions, 1290
 engineering services, steam service connections, 763
 fire protection improvements, funds, 1374
 proposed, 367
 revised program, 1267
 steam service piping, contract, 1496
 bonds, attorneys employed, 763, 1267

Residence Halls, *cont'd*
 purchase, accounting machine, 558
 china, 342
 coal, 375
 coke, 31
 fuel oil, 31, 1206
 furnaces, 31
 lowerators, portable, 376
 lumber, 32, 469
 paint, 468
See also Busey Residence Hall, Evans Residence Hall, Lincoln Avenue Residence, and Men's Residence Halls.
 Residence hall in Chicago, builders' risk insurance, purchase, 1495
 construction fund account, authority for withdrawals, 666
 contracts, 650, 1312
 site, clearance, 657
 relocation of alley, 656
 Residence property, staff housing, purchase, authorized, 736
 sale, procedure, 497
 Residence requirement, second master's degree, 489
 Residential dwellings, window types, survey, contract, 1344
 Resident staff, Research and Educational Hospitals, budget, 230
 Resignations, 402, 448, 478, 513, 531, 572, 646, 683, 731, 777, 877, 1232, 1279, 1308, 1316, 1344, 1352, 1382, 1424, 1486, 1501, 1530
 Resin, Physical Plant, purchase, 671
 Resistors, Physics, purchase, 500
 Reske, Jane C., degree, 1567
 Resnik, B. P., degree, 827
 Resnikoff, Mrs. Florence, appointment, 310
 Rest periods, women employees, 1431
 Resuscitation, research, gift, 554, 1215, 1216, 1472
 Retallick, W. B., degree, 1388
 fellowship, 46, 678, 1501
 Retirement benefits, nonacademic employees, regulations, 1436
 Retirements, Casberg C. H., 732
 Robinson, Florence B., 732
 Retirement System, appropriations, additions, request, 383
 budget, 69, 901
 changes in law, recommendations, 436
 participation of farm and home advisers, 566
 trustee, appointment, 603
 Retiring allowances, budget, 68, 901
 regulations, amendment, 40
 Rettberg, W. F., degree, 827
 Retzer, Anna J., appointment, 1380
 degree, 1390
 Retzer, Elizabeth, appointment, 296, 1132
 Reusch, R. K., degree, 1552
 Reuscher, J. W., degree, 595
 Reuss, G. J., degree, 815
 Reuss, Lillian M., appointment, 312
 Reuter, E. R., appointment, 161, 1380
 Reuter, H., & Sons, contract, 545
 ReVeal, W. I., degree, 1566
 Rewerts, May L., appointment, 260, 1096
 Rex, W., appointment, 1126
 Rexer, R. E., degree, 1556
 Rextroad, L. R., appointment, 1129
 Reyhan, A., degree, 789
 Reymer, W. M., appointment, 270, 1106
 Reynolds, A. W., degree, 587
 Reynolds, C. A., appointment, 271
 Reynolds, Cora A., degree, 590
 Reynolds, D. N., appointment, 303, 1139
 Reynolds, G. J., degree, 418
 Reynolds, Helen M., appointment, 185, 1020
 Reynolds, J. T., appointment, 213, 1050
 Reynolds, Margaret A., degree, 807
 Reynolds, P. E., appointment, 288, 1124
 Reynolds, Phyllis W., appointment, 293, 1130

Reynolds, R. C., degree, 1549
 Reynolds, R. L., degree, 1558
 Reynolds, Regina M., degree, 1566
 Reynolds, T. B., degree, 1398
 Reynolds, W., appointment, 334, 1175
 Reynolds, W. F., appointment, 276
 Reynolds Agency, insurance, purchase, 614
 Rezek, G. H., appointment, 356, 1185
 Rezek, J., appointment, 326, 1167
 Rhea, L. K., degree, 815
 Rheams, C., fellowship, 776
 Rhetoric and composition, major and minor requirements, 535
 Rhetta, Helen L., appointment, 355, 1183
 Rheumatic fever, research, gift, 1217
 Rheumatism, research, gift, 1472
 Rheumatoid arthritis, antimalarial drugs in, research, study, 1214
 Rheumer, G. A., degree, 582
 Rheumer, Mrs. Joan A., appointment, 101, 934
 Rhine, C. C., degree, 1397
 Rhine, Iris, appointment, 1150
 Rhines, Ruth, appointment, 1275
 resignation, 1530
 Rhoades, Evelyn J., appointment, 276
 Rhoades, H. E., appointment, 163, 511, 999
 Rhoades, H. L., degree, 1393
 Rhoades, M. M., appointment, 71, 730, 904, 932
 Rhoades, R. R., degree, 785
 Rhoades, V. J., contract, 1305
 Rhoades, W. H., appointment, 306, 307
 Rhoads, G. A., Jr., degree, 1394
 Rhoads, Merle M., appointment, 257, 1093
 Rhoads, Mrs. Natalie, appointment, 309, 1147
 Rhode, C. S., appointment, 104, 119, 937, 953
 leave of absence, 1408
 Rhodes, A. M., appointment, 1228
 Rhodes, Mrs. Dorothy, appointment, 1138
 Rhodes, F. H. T., appointment, 874, 1450
 resignation, 879
 Rhodes, G., degree, 803
 Rhodes, J. M., degree, 789
 fellowship, 677
 Rhodes, K. L., appointment, 302, 1138
 Rhodes, K. M., appointment, 300
 Rhykerd, C. L., degree, 799
 Ribbink, T. E., appointment, 645, 991, 996
 resignation, 1234
 Ribordy, J. R., certificate, 1329
 Riccio, Marie J., appointment, 313, 1150
 Rice, D. J., certificate, 1507
 Rice, E. E., appointment, 278, 1114
 Rice, E. L., degree, 1240
 Rice, F. J., Jr., degree, 1552
 Rice, H. D., degree, 408
 Rice, H. L., degree, 596
 Rice, J. H., degree, 589
 Rice, Mrs. Lois C., appointment, 263
 Rice, Martha E., degree, 1573
 Rice, Mary J., resignation, 404
 Rice, O. L., appointment, 76, 909
 Rice, R. E., degree, 820
 Rice, R. R., degree, 1543
 Rice, Mrs. Rosabelle, appointment, 329
 Rice, S. T., degree, 449
 Rice, T. E., degree, 578
 Rice, W. H., appointment, 171, 1006
 Ricewasser, H., appointment, 354, 1182
 Rich, D. C., degree, 416
 Rich, Ella J., degree, 825
 Rich, Mary, appointment, 317
 Rich, N. I., degree, 821
 Rich, P., certificate, 42
 Rich, Mrs. Patricia A., appointment, 1108
 Richards, B. D., degree, 803
 Richards, Betty A., appointment, 284, 1121
 Richards, Beverly, appointment, 321, 1159
 Richards, Claire, appointment, 156, 697, 991, 1228
 Richards, Ella L., appointment, 1528

- Richards, Emily M., appointment, 184, 1019
resignation, 1316
- Richards, F. W., certificate, 488
- Richards, Mrs. Helene, appointment, 314
- Richards, M. D., appointment, 140, 690, 975, 1446
- Richards, Mrs. Ruth G., appointment, 270
- Richards, T., degree, 804
- Richards, W. F., degree, 1566
- Richards, W. R., degree, 1243
- Richardson, A. M., appointment, 1179
- Richardson, Catherine M., degree, 1245
- Richardson, E. R., degree, 1396, 1537
fellowship, 1484
- Richardson, Genevieve, appointment, 45, 87, 700, 920, 1455
- Richardson, J., appointment, 1188
- Richardson, J. F., appointment, 245, 702, 1084
- Richardson, Nada M., appointment, 1101
- Richardson, Nancy V., appointment, 1380, 1458
degree, 1401
- Richardson, Olive F., appointment, 9
- Richardson, R. L., degree, 451
- Richardson, T. S., appointment, 156, 175, 991, 1010
- Richardson, W. E., degree, 1242
- Richardson, W. H., degree, 1394
- Richart, F. E., appointment, 133, 968
- Richbark, Mrs. Ethel G., appointment, 295, 1131
- Richerson, D. P., degree, 1575
- Richeson, Mrs. Mary L., appointment, 269
- Richey, Mrs. Marjorie H., fellowship, 478, 1278
- Richey, Mildred J., appointment, 242, 1081, 1457
- Richmond, Dorothy B., appointment, 9
- Richmond, J. B., appointment, 208, 511, 1045
- Richrath, W. J., degree, 1552
- Richter, D. J., degree, 1575
- Richter, E. A., degree, 1396
- Richter, G. A., Jr., degree, 1236
- Richter, G. E., degree, 1251
- Richter, I. B., appointment, 361, 1189
- Richter, L. E., degree, 799
- Ricketts, B. G., appointment, 131, 965
- Ricketts, C. A., degree, 1393
- Ricketts, R. M., appointment, 220, 235, 1056, 1073
resignation, 1502
- Ricks, Elizabeth L., degree, 1567
- Riddell, G., appointment, 274, 1110
- Riddell, J. M., Jr., appointment, 352, 1181
resignation, 1383
- Riddell, M. R., appointment, 129
- Riddell, W. H., degree, 821
- Riddle, D. W., appointment, 244, 1083
- Riddle, F. A., degree, 581
- Riddle, H. G., degree, 598
- Ridenour, L. N., appointment, 131, 135, 966, 971
leave of absence, 2
resignation, 1193, 1234
- Rider, R. L., appointment, 167, 170, 874, 1004, 1276
- Rider, W. E., degree, 1242
- Ridey, C. H., degree, 1236
- Ridgeway, Mrs. Elizabeth C., appointment, 1128
- Ridgeway, Marian E., degree, 1535
- Ridgeway, W. G., degree, 1548
- Ridgeway Avenue, property at 508 South, sale, 1200
- Ridgley, M., appointment, 283, 1118
- Ridlen, S. F., appointment, 102, 119, 936, 952
- Ridler, D., degree, 788
- Ridley, Ellen, appointment, 311, 1149
- Riechers, Caroline, appointment, 231, 1228
- Riedel, Barbara C., degree, 1564
- Riedel, P. H. R., appointment, 446
- Riedinger, Alice L., appointment, 203, 1038
resignation, 1383
- Riedle, G. C., degree, 814
- Rieffenberger, J. C., degree, 821
- Rieg, G. S., Jr., certificate, 488
- Riegel, R. W., director of Athletic Association, 604, 1409
- Rieger, I. T., appointment, 364
resignation, 573
- Rieger, J. F., degree, 587
- Rieger, Joan R., degree, 810
- Riehl, Norma L., degree, 1237
- Rieke, Anna, appointment, 219, 1056
- Rieke, J. L., degree, 815
- Rieker, L. C., Jr., degree, 1549
- Rieker, Mrs. Marjorie L., appointment, 1097
- Riemensnider, R. H., degree, 422
- Riemensperger, Pearl A., degree, 1577
- Riemer, Mrs. Joan T., appointment, 293
- Riener, E. F. C., degree, 575
- Ries, R. E., degree, 1537
- Riesen, D. E., appointment, 133, 571
resignation, 573
- Rietz, A. L., certificate, 1338
- Riffey, Mrs. Madeline S., appointment, 398, 874, 1021
degree, 415
- Rifkin, M. C., certificate, 1357
- Rifzis, Anita, appointment, 1152
- Riggin, Thelma M., degree, 1237
- Riggins, C., appointment, 297, 1134
- Riggins, R. F., degree, 1562
- Riggle, A. C., degree, 1572
- Rigler, M. L., degree, 1250
- Riker, W. L., appointment, 1424
- Riley, Alyce, appointment, 317, 1155
- Riley, E. B., degree, 818
- Riley, Mrs. Elizabeth H., appointment, 1424
- Riley, J. E., degree, 424
- Riley, Josephine, appointment, 1158
- Riley, M., purchase, 670, 671, 1521
- Riley, Mrs. Mary, appointment, 328, 1169
- Riley, Mary C., degree, 1556
- Riley, Mrs. Mary J., appointment, 301
- Riley, Patricia A., degree, 817
- Riley, Mrs. Walter B., purchase, 852
- Rimbeay, H. D., degree, 802
- Rimmerman, F. M., degree, 594
- Rimkus, E. S., degree, 1563
- Rinaker, Clarissa, appointment, 75, 908
- Rinck, D. G., degree, 1552
- Ring, N. M., degree, 822, 1571
- Ring couple, discovery, patent rights, release, 665
- Ringo, E. W., degree, 451
- Rippel, R. A., degree, 590
- Ripper, R. F., appointment, 257, 1116
- Risdon, R. R., degree, 593
- Riser, R. O., appointment, 357, 1186
- Risi, A., degree, 1395
- Riske, G., degree, 804
- Riskin, K., degree, 784, 1386
fellowship, 513, 679
- Risley, Patricia J., degree, 819
- Rissler, J. A., degree, 589
- Rissman, B. R., degree, 584
- Rister, Mary E., appointment, 1170
- Ristow, R. J., degree, 1576
- Ritch, C. O., appointment, 364, 1193
- Ritche, E. G., degree, 598
- Ritt, J. A., appointment, 1350
degree, 1394
- Ritter, Audrey A., appointment, 1174
- Ritter, I. I., appointment, 353, 1182
- Ritter, Mrs. Merle H., appointment, 315
- Ritter, W. T., Jr., degree, 804
- Rittmanic, P. A., degree, 1559
- Ritz, R. L., degree, 596
- Riva, Mayme, appointment, 328, 1170
- Riva, R. T., degree, 807
- Rivara, F. S., degree, 422
- Rivard, D. E., appointment, 1528
- Rivera, R. E., degree, 452

- Riveted and bolted structural joints, research, gift, 1460, 1470
- Rix, Dolores M., appointment, 309, 531, 1040, 1315
- Rizer, J. E., degree, 810
- Rizzoli, J. L., degree, 804
- Roach, C. R., degree, 422
- Roach, Mrs. Carol R., appointment, 446, 700, 874
- Roach, J. T., degree, 797
- Roadbed stabilization, research contract, change, 610
- Road grader, Robert Allerton Park, purchase, 1494
- Road oil, Physical Plant, purchase, 854
- Road tar, Physical Plant, purchase, 854
- Roady, E. E., degree, 1283
- Roark, Constance, appointment, 307, 1143
- Roarty, R. C., certificate, 42
- Roback, G. S., appointment, 1315
- degree, 831
- fellowship, 402
- Roback, Helen M., degree, 579
- Roback, S. S., degree, 1282
- Robb, W. C., appointment, 138, 141, 691, 973, 976, 1447
- Robb, W. L., degree, 1281
- Robbins, D. E., Jr., degree, 1537
- Robbins, E. T., appointment, 102
- Robbins, Evelyn M., appointment, 1169
- Robbins, J. H., degree, 1572
- Robbins, J. M., appointment, 355, 1184
- Robbins, L. E., degree, 816
- Robbins, Mrs. Leona, appointment, 1098
- Robbins, Margaret A., appointment, 571
- Robbins, P. W., fellowship, 1481
- Robbins, Rita K., degree, 1556
- Robe, J. K., appointment, 1528
- degree, 803
- Robe, Mrs. Lorraine, appointment, 1121
- Roberg, N. B., appointment, 353, 645, 1039
- Robert Allerton Park, air compressor, purchase, 501
- appropriations, balances reappropriated, 38, 1198
- booklet, printing, 468
- budget, 171, 291, 1007, 1127
- director, resignation, 1308
- fire protection, appropriation, 762
- contract, adjustment, 1264
- pipeline, right of way agreement, 1464
- radio transmitter, appropriation, 492
- contract, 493, 560
- remodeling, contract, adjustment, 1361
- road grader, purchase, 1494
- sculpture, gift, 1214
- sewage treatment and disposal system, appropriation, 1200
- contracts, 1201
- wage rates, objection by Twin City Federation of Labor, 1201
- wage rates on construction work, fact-finding committee, report, 371
- policy, 372
- referred to Committee on Civil Service and Employees, 443
- well, drilling, 500
- Roberts, Mrs. Annette M., appointment, 302
- Roberts, C. B., appointment, 297, 1133
- Roberts, C. J. W., Jr., degree, 424
- Roberts, C. W., appointment, 75, 908
- Roberts, Carol, appointment, 1163
- Roberts, E., appointment, 101, 114, 935, 947
- Roberts, F. L., appointment, 139, 690, 975
- Roberts, Frances M., appointment, 675
- Roberts, G., appointment, 364, 1193
- Roberts, G. W., degree, 829
- Roberts, H. C., appointment, 125, 955
- Roberts, H. M., degree, 1552
- Roberts, I. G., degree, 587
- Roberts, J. C., degree, 783
- Roberts, J. D., degree, 581
- Roberts, J. N., degree, 820
- Roberts, K. E., degree, 797
- Roberts, Lowell E., degree, 1248
- Roberts, Lloyd E., degree, 1398
- Roberts, M. J., degree, 1247
- Roberts, Mary, appointment, 183, 1018
- Roberts, Nettie M., appointment, 255, 1092
- Roberts, P. C., appointment, 139, 690, 874, 974, 1446
- Roberts, Phyllis J., degree, 1560
- Roberts, R. L., degree, 582
- Roberts, T. D., appointment, 259, 1096
- Roberts, Mrs. Velma I., appointment, 287, 1123
- Roberts, Vista G., degree, 577
- Roberts, W. E., appointment, 271, 1107
- Robertson, Carita, appointment, 161, 698, 996, 1453
- Robertson, Charlotte R., degree, 831, 1575
- fellowship, 478
- Robertson, D. A., degree, 793
- Robertson, D. R., degree, 1565
- Robertson, Eleanor M., appointment, 184, 1019
- Robertson, Ida F., appointment, 186, 1022
- Robertson, J. E., appointment, 774, 1276
- degree, 1534
- Robertson, J. O., appointment, 330, 1172
- Robertson, Jeanne M., degree, 793
- Robertson, Mrs. Joan L., appointment, 286
- Robertson, Lena S., degree, 784
- Robertson, M. G., appointment, 300, 1136
- Robertson, Phyllis A., appointment, 1093
- Robertson, R., appointment, 362, 1190
- Robertson, S., appointment, 1292
- Robertson, Teresa J., appointment, 317, 1155
- Robertson, W. S., appointment, 79, 912
- Robin, M., appointment, 352, 1180
- Robinett, D. D., degree, 421
- Robins, H. F., appointment, 398, 693, 908, 1449
- Robins, H. M., degree, 1394
- Robinson, Mrs. Althea S., appointment, 288
- Robinson, Anna B., appointment, 145, 982
- Robinson, Mrs. Betty, appointment, 328
- Robinson, C., degree, 795
- Robinson, C. S., appointment, 133, 968
- leave of absence, 449
- Robinson, D., appointment, 275, 1111
- Robinson, D. E., degree, 1537
- Robinson, D. M., appointment, 398
- declination, 404
- Robinson, Florence B., appointment, 155, 989
- retirement, 732
- Robinson, G. C., appointment, 690
- fellowship, 678
- Robinson, G. T., degree, 406
- Robinson, Mrs. Gladys C., appointment, 675, 1307
- Robinson, I. B., appointment, 1056
- Robinson, J. B., Jr., certificate, 1338
- Robinson, J. E., appointment, 76, 909
- Robinson, J. F., degree, 421
- Robinson, J. K., appointment, 446, 895
- Robinson, J. L., contract, 544, 639
- Robinson, J. W., Jr., degree, 1564
- Robinson, K. W., degree, 1237
- Robinson, L. K., degree, 1246
- Robinson, L. L., Jr., degree, 1249
- Robinson, L. M., degree, 791
- Robinson, M., degree, 594
- Robinson, M. L., appointment, 291, 1128
- Robinson, Margaret C., degree, 808
- Robinson, Martha, diploma, 1575
- Robinson, Mildred D., degree, 592
- Robinson, O., appointment, 268, 1105
- Robinson, R., appointment, 1175
- Robinson, R. C., degree, 589
- Robinson, S. C., appointment, 139, 173, 974, 1009
- Robinson, S. H., degree, 422

- Robinson, W. G., Jr., degree, 577
 Robinson, W. H., degree, 795
 Robison, M. M., degree, 1533
 fellowship, 678
 Robnett, P. H., degree, 802
 Robson, G. J., certificate, 1338
 Roby, Marisue B. A., degree, 1396
 Roche fellowship in pharmacology, gift, 552
 Rochelle, R. H., appointment, 398, 1453
 Rochester, Marilyn W., degree, 796
 Rochlin, I., appointment, 355, 1184
 resignation, 1334
 Rockefeller Foundation, gift, 554, 1216, 1470
 grant, American Studies Seminar in Kyoto,
 Japan, 1419
 Conference on American Tradition, 1419
 Rockoff, G. M., certificate, 42
 Rock phosphate, purchase, 614
 research, gift, 1213
 Rockwell, J. B., degree, 816
 Rockwood, C. E., appointment, 1115
 Rockwood, Mrs. Ruth H., appointment, 186,
 398, 1021
 leave of absence, 1383
 Rodbard, S., degree, 827
 Rodbro, H. A., degree, 815
 Rodda, E. D., degree, 586
 Rode, Mary V., degree, 1560
 Rodeback, G. W., degree, 783
 Rodebush, W. H., appointment, 72, 905
 Rodeck, W. F., Jr., degree, 1395
 Rodems, J. D., degree, 414
 Roderick, H. C., degree, 803
 Rodgers, Olivia, appointment, 331
 Rodia, J. S., appointment, 446, 1058
 resignation, 1234
 Rodin, S., degree, 580
 Rodkey, F. S., appointment, 79, 695, 912
 Rodriguez, D. D., appointment, 364, 1193
 Rodriguez, A. A., appointment, 209, 229, 531,
 1046, 1068
 Roe, Betty J., degree, 595
 Roe, T. W., degree, 815
 Roehm, S. C., degree, 790
 Roeding, R. S., degree, 419
 Roellig, R. K., degree, 587
 Roemer, J. J., degree, 802
 Roertgen, Mrs. Elsie B., appointment, 398
 Roertgen, W. F., appointment, 79, 694
 Roeser, J. A., degree, 818
 Roeske, R. W., degree, 1282
 Roettger, W. H., appointment, 159, 994
 Rogahn, W. C., appointment, 909
 resignation, 1383
 Rogala-Sobieszansky, G., degree, 1558
 Rogers, Arlyth M. L., degree, 409
 Rogers, Mrs. Barbrea H., appointment, 695,
 1228
 degree, 1242
 Rogers, D. Katharine, appointment, 181, 698,
 1016, 1454
 Rogers, D. P., degree, 815
 Rogers, F. E., Jr., degree, 1545
 Rogers, G. A., degree, 451
 Rogers, J. C., appointment, 1127
 Rogers, J. R., certificate, 1329
 Rogers, Mrs. Lois, appointment, 323
 Rogers, Robert Wentworth, appointment, 75,
 693, 908
 member of committee for Kyoto Seminar,
 1419
 Rogers, Robert William, degree, 1555
 Rogers, Ramona J., appointment, 774, 1276,
 1315
 degree, 810
 Rogers, T. J., degree, 815
 Rogers Printing Co., purchase, 377, 854, 1494
 Rogier, Evelyn M., appointment, 183, 1018
 Rognemyhr, R., degree, 590
 Rogow, D. A., degree, 418
 Rohde, R. C., degree, 807
 Rohl, C. C., appointment, 294, 1131
 Rohlfing, R. L., degree, 791
 Rohm & Haas Co., gift, 1469
 Rohn Flying Service, purchase, 31
 Rohrer, A. D., degree, 1393
 Roin, Roberta L., degree, 807
 Rokos, E. F., certificate, 42
 Roland, S., appointment, 272, 1108
 Roland, T., degree, 453
 Rolewicz, H. A., degree, 1285
 Rolfe property, purchase, final payment, 349
 Roll, H. C., appointment, 352, 1180
 leave of absence, 532
 Roll, K. E., degree, 1541
 Rolland, P., appointment, 155, 990, 1452
 leave of absence, 1408
 Roller, G. D., appointment, 272, 1108
 Rolley, J. W., degree, 415
 Rolling mill, Mining and Metallurgical Engi-
 neering, appropriation, 1344
 purchase, 1344
 Rollings, Lois J., degree, 1397
 Rom, Eugenia J., degree, 1397
 Roman, Jane C., degree, 415
 Romanelli, J., degree, 587
 Romano, Jeanne, degree, 829
 Romao, J. O., degree, 786
 Romeo, S. J., degree, 814
 Romine, Mrs. F. Elaine, appointment, 1120
 Romine, J. S., appointment, 909
 Romine, R. J., degree, 1250
 Roney, W. A., appointment, 1096
 Ronga, Gaetana T., appointment, 309, 1147
 Roofing, apartment building in Chicago, con-
 tract, 1264
 Roof replacements, appropriations, balances
 reappropriated, 1198
 Rooney, D., degree, 1238
 Roorda, Anna R., appointment, 874, 1019
 Roorda, J. D., degree, 824
 Roos, F. J., appointment, 356, 1185
 Roos, F. J., Jr., appointment, 154, 989
 leave of absence, 514
 Roosa, W. L., appointment, 156, 990
 Roose, R. W., appointment, 130, 965, 1315
 Root, Mrs. Ann L., appointment, 256
 Root, F. H., appointment, 116, 950, 1499
 Root, W. C., appointment, 298
 Rooth, S., degree, 814
 Rosanova, A. R., appointment, 355
 Rosborough, J. F., degree, 1247
 Roschman, J. A., degree, 1399
 Roscoe, S. N., appointment, 84, 874, 917, 1229
 degree, 451
 Rose, B. T., degree, 810
 Rose, D., certificate, 1329
 Rose, D. A., degree, 1401
 Rose, H. G., degree, 1553
 Rose, J. G., Jr., certificate, 488
 Rose, K. E., degree, 424
 Rose, L. A., appointment, 121, 954
 Rose, N. E., degree, 1400
 Rose, R. S., degree, 1565
 Rose, Roberta E., degree, 1558
 Rose, Ruth J., appointment, 249
 resignation, 879
 Rose, S. M., appointment, 87, 921
 research, gift, 550
 Rose, Mrs. Virginia L., appointment, 290
 Rose, W. C., appointment, 71, 905
 research, funds, gift, 1469
 resignation, 646
 Roseberry, Mrs. Barbara E., appointment,
 258, 1097
 Roseberry, D. L., degree, 799
 Rosebraugh, Mary E., degree, 1566
 Rosen, A., degree, 424
 Rosen, Betty M., degree, 1397
 Rosen, H., appointment, 843
 Rosen, J., degree, 583, 1563
 Rosen, Mrs. Meriam L., appointment, 1229

- Rosen, S. D., degree, 1537
 Rosen, W. G., appointment, 696
 Rosenbach Co., purchase, 1326
 Rosenbarker, C. S., degree, 1558
 Rosenbaum, J. M., degree, 421
 Rosenbaum, K., degree, 814
 Rosenberg, A., degree, 1570
 Rosenberg, A. H., degree, 589
 Rosenberg, D. H., degree, 1572
 Rosenberg, E., degree, 1239
 Rosenberg, Edith M., degree, 808
 Rosenberg, Elaine, degree, 807
 Rosenberg, H., degree, 450
 Rosenberg, Mrs. Rose K., appointment, 1095
 Rosenberg, W., appointment, 357, 1186
 Rosenbery, D. E., appointment, 1106
 Rosenbery, Mrs. Dorothy L., appointment, 275, 1111
 Rosenbery, V. C., degree, 587
 Rosenbloom, J., degree, 807
 Rosenblueth, E., degree, 782
 Rosenblum, A. H., appointment, 353, 1182
 Rosenblum, A. I., appointment, 355, 1184
 Rosenblum, Barbara, degree, 784
 Rosenblum, L. E., degree, 824, 1575
 Rosenblum, S. H., appointment, 353, 1182
 Rosenburgh, R. R., degree, 585
 Rosendale, R. H., degree, 801
 Rosenfeld, Lenore, degree, 1397
 Rosengard, R. A., degree, 423
 Rosenstein, A. L., degree, 1552
 Rosenstock, D., degree, 588
 Rosenthal, J. A., certificate, 1338
 Rosenthal, M., degree, 1577
 Rosenthal, M. M., appointment, 362, 1190
 Rosenthal, S. R., appointment, 225, 361, 1047, 1062
 Rosenthal, W. P., certificate, 1329
 Rosenthal, W. R., degree, 413
 Rosenwald, A. K., appointment, 211, 1048
 Rosenwasser, M. L., degree, 795
 Rosenzweig, H., certificate, 842
 Roses, greenhouse, influence of spacing on production, study, contract, 378
 Roses, Inc., contract, 378
 Rosiere, C. E., fellowship, 46, 448
 Rosin, R. P., degree, 592
 Roskam, C. D., degree, 787
 Rosko, T. A., degree, 1396
 Rosner, M. A., appointment, 1499
 Ross, Betty L., appointment, 276
 Ross, C. V., degree, 1533
 Ross, D. C., appointment, 398, 1087, 1457
 Ross, D. L., degree, 595
 Ross, E., appointment, 84
 Ross, Mrs. Florence, appointment, 318, 1156
 Ross, G. E., degree, 1396
 Ross, H. H., appointment, 77, 910
 Ross, Helen E., degree, 812
 Ross, J. P., degree, 587
 Ross, Joan M., degree, 808
 Ross, Leola M., degree, 1245
 Ross, Mrs. Lou A., appointment, 328
 Ross, M. T., degree, 589
 Ross, R., degree, 593
 Ross, R. C., appointment, 45, 94, 928
 Ross, R. M., appointment, 72
 resignation, 449
 Ross, Will, Inc., purchase, 33, 342, 560
 Ross, W. M., degree, 1533
 Rossan, R. N., degree, 584
 Ross-Duggan, J. K., II, appointment, 645, 1048, 1380
 Rosset, D. S., degree, 827
 Rosset, S., degree, 1394
 Rossetter, G., & Co., employed, 518, 1420
 services in water rates litigation, 862
 payment, 1361, 1493
 Rossi, Yolanda L., degree, 423
 Rossing, R. J., degree, 419
 Rossiter, Mary R., degree, 1249
 Rossiter, Ruth, appointment, 1164
 Rosso, W. A., appointment, 364
 Rost, Mrs. Jean, appointment, 326, 1168
 Rostenberg, A., Jr., appointment, 203, 1038
 Rosulek, A. G., certificate, 42
 Rotariu, G. J., degree, 450
 Rotariu, Mrs. Janet M., appointment, 267
 Rotberg, Maryann, degree, 1560
 Rotenberg, N. P., degree, 824, 1575
 Roter, A. M., degree, 827
 Roth, E. S., degree, 584
 Roth, F. W., Jr., degree, 424
 Roth, H. A., appointment, 363, 1192
 Roth, Mrs. Lydia N., appointment, 261
 Roth, M. I., degree, 1396
 Roth, M. O., degree, 791
 Roth, N. G., appointment, 689
 degree, 1281
 Roth, R. H., degree, 829
 Roth, R. J., degree, 586
 Roth, R. S., appointment, 874
 degree, 782
 fellowship, 402
 resignation, 1234
 Rothblatt, E. G., certificate, 1329
 Rothblatt, H. D., degree, 822, 1571
 Rothenberg, N., degree, 815
 Rothman, M., degree, 818
 Rothschild, D. R., fellowship, 1482
 Rothschild, K. J., degree, 786
 Rothschild, R., degree, 823
 Rothstein, Miriam R., appointment, 1254
 Rotman, M. B., degree, 1533
 fellowship, 448
 Rotramel, Mrs. Iva E., appointment, 292
 Rotramel, Sue, appointment, 328
 Rotter, A., degree, 587
 Rouffa, A. S., appointment, 241, 701, 1080, 1457
 Roughley, A. G., degree, 1395
 Roughton, J., appointment, 1107, 1111
 Rounner, Evelyn I., degree, 582
 Rourke, C. F., degree, 821
 Rouse, Mrs. Etta Y., appointment, 1095
 Rouse, J. E., degree, 1568
 Roush, J. R., appointment, 511
 degree, 417
 Rousonelos, S. G., degree, 824, 1575
 Routen, W. E., degree, 1236
 Roux, E., appointment, 1109
 degree, 1549
 Rouze, R. L., certificate, 1329
 Rovestad, Sue, degree, 1252
 Rowan, T. C., appointment, 874, 917
 degree, 1238
 Rowan, W. A., Jr., degree, 591
 Rowe, J. A., degree, 1575
 Rowe, K. C., degree, 1571
 Roxburgh, R. E., degree, 1396
 Roy, R. E., certificate, 488
 Roy, Mrs. Winifred O., appointment, 285, 1121
 Royal, D., appointment, 1276
 Royal, D., degree, 821
 Royer, A. E., degree, 781
 Royer, W. L., degree, 1536
 Royse, Annabel, appointment, 301
 Rozanski, R. J., degree, 829
 Rozansky, B., certificate, 488
 Rozell, H. C., degree, 807
 Rozich, Anne, appointment, 301, 1138
 Rozner, Mrs. Blanche H., appointment, 293, 1173
 Rozner, J. F., degree, 590
 Roznowski, D. M., degree, 1386
 Rubel, I. L., certificate, 42
 Ruben, E. S., degree, 829
 Ruben, J. H., degree, 1577
 Rubendall, E. I., appointment, 1229
 Rubenstein, P., degree, 784
 Rubenstein, R. A., appointment, 698
 degree, 1246

- Rubicon Co., purchase, 525
 Rubin, B. A., certificate, 1329
 Rubin, Mrs. Bunney R., appointment, 1350
 Rubin, L., appointment, 352, 1180
 Rubin, M., fellowship, 683
 Rubinelli, J., degree, 803
 Rubinroth, M. J., certificate, 1490
 Rubinstein, G., degree, 1561
 Ruby, G. B., degree, 788
 Ruby Chevrolet, purchase, 525
 Rucker, H. J., appointment, 93, 926
 Rucker, Lora J., degree, 807
 Ruckman, Kathleen, M., appointment, 183, 1018
 Ruckrigel, D. G., degree, 421
 Rudd, C. C., III, degree, 1565
 Ruddy, W. H., degree, 587
 Rude, C. A., degree, 594
 Ruder's Valley View Farm, gift, 1213
 Rudesill, Mrs. Margot G., appointment, 295
 Rudin, Cecilia, M., appointment, 242, 1081
 Rudman, H. C., appointment, 874, 981 degree, 413
 Rudman, J. T., degree, 814
 Rudnick, D. F., appointment, 364, 1193
 Rudolph, D., appointment, 1276 degree, 577
 Rudolph, Elsa A., appointment, 9
 Rudolph, O. C., & Sons, purchase, 672
 Rue, Myrna A., degree, 1396
 Rueb, C. E., degree, 1549
 Ruehe, H. A., appointment, 103, 937 leave of absence, 1408
 Ruestmann, D. G., degree, 418
 Ruettinger, J. C., scholarship, gift, 1211
 Ruettinger, J. W., gift, 1211, 1219
 Ruettinger, Phyllis P., memorial scholarship, gift, 548, 1211, 1219
 Ruggie, A. N., appointment, 511, 1184
 Rugs, Illini Union, purchase, 340, 341
 Ruhm Phosphate & Chemical Co., gift, 548
 Ruhnnow, L. A., appointment, 1137 degree, 422
 Ruisdael painting, gift, 529
 Ruiz, Helen T., degree, 800
 Rule, T. K., degree, 417
 Rumble, Mrs. Lucy K., appointment, 183, 1018
 Rumbyrt, G. W., degree, 816
 Rumery, Norma P., degree, 817
 Rumley, C. D., degree, 424
 Rump, Elizabeth G., degree, 1397
 Rump, W. H., degree, 1539
 Rund, C. J., appointment, 274, 1110
 Runey, J. B., appointment, 398, 1018 resignation, 1234
 Runser, Donna A., appointment, 302
 Runyon, D. J., degree, 1285
 Ruopp, F. J., degree, 1561
 Rupiper, S. J., degree, 1394
 Ruppel, Frances, appointment, 301
 Rupperecht, T. A., Jr., degree, 812
 Rural electrification, equipment for research and teaching, appropriation, 521
 Rush, C. D., degree, 810
 Rush, H. F., appointment, 297, 1134
 Rush, Patricia, appointment, 1130
 Rusher, F. E. and Dorette J., gift, 607
 Rusher, J. T., scholarship fund, established, 607 gift, 1211
 Rush-Presbyterian, budget, 213, 1049
 staff, salaries, discontinued, 861
 Rushton, W., member of advisory committee, 1194
 Rusk, H. P., appointment, 91, 101, 118, 925, 935, 951
 Ruskin, Jane M., degree, 418
 Rusky, Lucille, appointment, 11
 Russel, D. A., appointment, 775, 935, 1229
 Russell, B. C., degree, 1387
 Russell, C. K., appointment, 957 declination, 1234 degree, 801
 Russell, D. A., degree, 804
 Russell, F. A., appointment, 139, 974
 Russell, F. S., Jr., degree, 413
 Russell, G. D., degree, 796
 Russell, H. G., appointment, 102, 119, 935, 952
 Russell, J. A., appointment, 78, 511, 910 leave of absence, 779
 Russell, J. R., degree, 1555
 Russell, J. U., appointment, 696
 Russell, L. R., degree, 589
 Russell, M. B., appointment, 736, 874, 931
 Russell, Margaret F., appointment, 1095
 Russell, Marian E., appointment, 224 resignation, 532
 Russell, R. L., appointment, 282, 1117
 Russell, Ramona J., appointment, 284, 1120
 Russello, C. W., degree, 1562
 Russell Report, President's memorandum, 516, 634
 Russis, Euthemia, degree, 592
 Rust, Eleanor, appointment, 330
 Rust, Peggy J., degree, 1555
 Rust, R. H., appointment, 100, 115, 531, 645, 934, 949, 1229
 Rusten, A. M., certificate, 42
 Ruszel, Virginia H., appointment, 1276
 Rutgard, M. D., appointment, 1229
 Ruth, C. E., degree, 1555
 Rutherford, Helen S., appointment, 9
 Rutherford, Rachel J., degree, 1244
 Rutherford, W. M., degree, 591 fellowship, 1278, 1480
 Ruthven, B. W., appointment, 179 resignation, 405
 Rutter, Diane J., degree, 1400
 Rutter, J., appointment, 1174
 Rutter, Mrs. Jacqueline, appointment, 1122
 Ruwe, A. C., appointment, 95, 115 resignation, 532
 Ruyter, Mrs. Florence N., appointment, 267
 Ruyter, W. A., degree, 809
 Ryan, D. G., appointment, 129, 696, 963
 Ryan, E. D., appointment, 249, 703, 1088
 Ryan, J. E., appointment, 299, 1135
 Ryan, L. C., appointment, 329, 1171 authority to sign name of Secretary of Board, 5, 602, 1405
 Ryan, Mary E., degree, 1543
 Ryan, Richard J., degree, 1245
 Ryan, Robert J., certificate, 42
 Ryan, Roberta A., degree, 817
 Ryan, W. R., degree, 595
 Rybar, R. F., fellowship, 776 declination, 879
 Rybicki, R. A. J., degree, 1561
 Rycroft, Mrs. Emily, appointment, 325, 1167
 Rycroft, Marilyn, appointment, 329
 Ryder, B. L., fellowship, 678, 731
 Ryder, D. P., degree, 818
 Ryder, J. D., appointment, 126, 960
 Ryder, J. P., certificate, 842
 Ryerson, E. L., gift, 33 appreciation, 34
 Ryerson fellowships, regulations, 762
 Ryerson, J. T., & Son, Inc., purchase, 32
 Ryglewicz, Emily J., degree, 1564
 Rylowicz, R. A., degree, 1567
 Rymarz, T. M., degree, 1557
 Rzeszut, Josephine, appointment, 306, 1142
 Rzeszut, Julia, appointment, 316, 1155
 Saab, L. M., degree, 1556
 Saad, L. J., degree, 1246
 Saal, O. A., certificate, 1330
 Saaringen memorial exhibition, rental of pictures, contract, 1305

- Saathoff, Dorothea M., appointment, 1129
 Saathoff, Gladys E., appointment, 260
 Saathoff, Lucille J., appointment, 270, 1106
 Sabbath, A. J., degree, 1563
 Sabbath, G. M., degree, 590
 Sabbatical leaves of absence, list, 475, 603, 1407
 Sabella, J. P., degree, 807
 Sabine, Sadie L., degree, 577
 Sabins, F. F., fellowship, 1483
 declination, 1487
 Sablack, W. F., degree, 1555
 Sabry, A. A., fellowship, 1352
 Sacco, F. R., degree, 794
 Sacco, G. F., degree, 588
 Sachar prize in history, gift, 1211
 Sachs, Ileana, degree, 1396
 Sachs, Mrs. Selma Z., appointment, 1101
 Sackett, A. D., purchase, 1343
 Sackheim, Alice R., appointment, 244, 703, 1083, 1458
 Sackheim, G. I., appointment, 244, 703, 874, 1083, 1458
 Sackrison, A. W., degree, 810
 Sackrison, N. B., degree, 1557
 Sacks, Martin, fellowship, 1352, 1486
 Sacks, Marvin, degree, 1249
 Sacks, Naomi, appointment, 1169
 Sacks, Pearl, degree, 807
 Sadauskas, Frances H., certificate, 771
 Saddler, C. C., Jr., degree, 787
 Sadler, G. H., appointment, 1098
 Sadler, G. W., degree, 1245
 Sadler, Mrs. Marilyn R., appointment, 258, 1094
 Sadoff, H. L., degree, 1539
 Sadorus, M. F., appointment, 280, 1116
 Sadove, M. S., appointment, 213, 675, 1049
 Sadowsky, L., degree, 821
 Saewert, R. C., degree, 594
 Safady, R. J., degree, 809
 Safar, M. R., degree, 822, 1571
 Safe, Business Office, appropriation, 611
 Chicago Undergraduate Division, purchase, 558
 Safety improvements, Agricultural Engineering Building, appropriation, 655, 1413
 contracts, 1414
 Sagan, J., Jr., degree, 782
 Sager, N. R., degree, 422
 Sager, W. M., degree, 585
 Sagik, B. P., appointment, 689, 1445
 Sagmanli, I., degree, 789
 Sagona, F. M., resignation, 405
 Sagraves, Marjorie A., degree, 785
 Sagura, J. J., fellowship, 1481
 Sahlin, C. J., degree, 820
 Sahlin, L. G., certificate, 1357
 Saillard, M. S., degree, 589
 Saillard, Mrs. Ruth M., appointment, 260
 Sailor, H. L., degree, 1549
 Sainati, E., resignation, 449
 St. Clair, Jane, appointment, 645
 resignation, 1234
 St. Clair, L. E., appointment, 113, 162, 947, 997
 St. John, C., degree, 1541
 St. John, C. W., appointment, 1125
 St. John, J. M., degree, 589
 St. John, R. M., fellowship, 681
 declination, 684
 St. Louis Regional Planning and Construction Foundation, gift, 1469
 St. Onge, G. J., degree, 588
 St. Rita High School, contract, 1305
 Sakagami, T., degree, 1250
 Sakamoto, A., appointment, 1184
 Sako, K., degree, 824, 1575
 Sakuragi, T., fellowship, 1483
 Salary ranges, civil service, changes, 12, 19, 737
 Salazar, Isaura E., degree, 1245
 Salazar, P., Jr., degree, 814
 Sale, C., appointment, 359
 Salerno, H. F., appointment, 76, 909
 Sales, J., degree, 1388
 Saligupta, C., degree, 587, 1540
 Saline County experimental field, agreement with Texas Oil Co., 708
 Salisbury, G. W., appointment, 103, 937
 Salisbury, R. H., fellowship, 1485
 Sallach, H. J., appointment, 398
 leave of absence, 532
 Salladay, Ruth M., appointment, 324
 Sallo, J. S., degree, 809
 Salomon, D., appointment, 305
 Salomon, Ellen M., degree, 1556
 Saloom, J. A., Jr., appointment, 571, 775, 962
 declination, 1234
 degree, 782
 Salsbury's Laboratories, contract, 1206
 Saltiel, D. N., certificate, 1338
 Saltiel, R. D., certificate, 771
 Saltiel, T. P., appointment, 360, 1189
 Saltzman, C. I., certificate, 430
 Salzman, A. G., degree, 1400, 1577
 Salzman, Freda F., degree, 583
 fellowship, 681
 Salzman, G., degree, 583
 fellowship, 682, 1485
 Salzman, H. H., appointment, 289, 1125
 Salzman, N. P., fellowship, 678, 731, 1481
 Samartano, J. A., degree, 587
 Sambo, J. F., degree, 594
 Sami, Sabri, degree, 580
 fellowship, 1482
 Sammons, Mrs. Carmine, appointment, 1159
 Sampson, J., appointment, 113, 164, 947, 999
 Sampson, R. M., degree, 807
 Samter, M., appointment, 204, 398, 1039, 1315
 Samuel, Esther, appointment, 311, 1148
 Samuels, Lois S., degree, 1560
 Samuels, W. P., fellowship, 1481
 Samuelson, Mac, appointment, 322, 1164
 Sanasarian, L. A., degree, 1561
 Sanborn, E. B., Jr., appointment, 1276
 Sanborn, Mary C., degree, 1249
 Sanborn, R. C., appointment, 351, 398
 resignation, 1353
 Sanborn, R. G., appointment, 971
 Sanborn, R. T., degree, 1569
 Sanborn Co., purchase, 613
 Sanchez, J., appointment, 241, 1081
 Sanchez, L. A., appointment, 7, 85
 cancellation, 449
 Sandage, C. H., appointment, 138, 166, 974, 1001, 1002
 Sandburg, B. R., degree, 807
 Sandburg, H. W., degree, 1575
 Sandeen, Sonia M., degree, 1543
 Sanders, C. M., degree, 810
 Sanders, Dorothy, appointment, 320
 Sanders, K. L., Jr., degree, 792
 Sanders, Lenore, degree, 420
 Sanders, Shigley A., degree, 1555
 Sanders, W. B., appointment, 134, 969
 leave of absence, 1384
 Sanderson, R. S., degree, 807
 Sandifer, M. D., degree, 1543
 Sandlow, R. A., degree, 814
 Sandner, D. F., degree, 454
 Sandri, W. N., degree, 810
 Sandrock, G. H., appointment, 334, 1176
 Sands, A. M., appointment, 302, 1138
 Sands, C. L., appointment, 1137
 Sands, Elizabeth M., degree, 1536
 Sands, J. C., degree, 807
 Sands, J. H., degree, 1401
 Sands, R. L., degree, 1555
 Sands, Mrs. Vera M., appointment, 288, 1124
 Sandstedt, D. A., degree, 821
 Sandstrom, G. A., appointment, 76
 resignation, 573
 Sandusky, M. H., degree, 1251

- Sandusky, W. F., degree, 1248
 Sandwell's Paint Store, purchase, 468
 Saner, R. L., degree, 804
 Sanford, C. W., appointment, 143, 146, 979, 983
 Sanford, E. T., appointment, 181, 1017 degree, 1387
 Sanford, H. N., appointment, 213, 1189, 1229
 Sanford, Rose M., appointment, 276
 Sanftner, R. W., appointment, 690 fellowship, 1382, 1501
 Sang, D. C., degree, 1541
 Sang, P. S., member of advisory committee, 1255
 Sangamon County Board of Education, contract, 1305
 Sangamon Electric Co., gift, 1214
 Sangster, W., appointment, 241, 701, 1080, 1457
 Sanitary Engineering, appropriations, balances reappropriated, 37 curriculum, changes, 1410
 Sanitary Engineering Laboratory, remodeling, appropriation, 1339
 Sanitary sewer, South Broadway, extension, appropriation, 27 balance reappropriated, 1198
 South Race Street, extension, appropriation, 465
 Sank, Diane, degree, 584
 Sankstone, L. M., degree, 802
 Sanner, A. E., Jr., degree, 595
 Sanner, R. E., degree, 1555
 Sannicandro, R. A., degree, 804
 Sansone, Jean M., appointment, 270
 Santamaria, R. M., degree, 1540
 Santana, Lillian, appointment, 307, 1143
 Santos, F., Jr., degree, 1575
 Santos, Nilza C. C., degree, 1547 fellowship, 1482
 Saphir, O., appointment, 360, 447, 1044
 Saphir, Walter, degree, 1572
 Saphir, William, appointment, 1276
 Sapienza, A. R., appointment, 355, 1183
 Sapora, A. V., appointment, 160, 511, 994
 Saporta, S., degree, 1537
 Sapp, J. L., degree, 1236
 Sappington, Christine L., appointment, 675, 1308
 Saravalli, D. R., degree, 1251
 Sargent, A. M., degree, 453
 Sargent, E. H., & Co., purchase, 375, 377, 467, 500, 525, 526, 767, 838, 852, 1304, 1343, 1360, 1520
 Sargent, F., II, appointment, 82, 698, 915, 1528
 Sargent, H. W., appointment, 75, 908
 Sargent & Lundy, engineering services, Abbott Power Plant, preparation of consolidated drawings, 863
 steam service connections for residence hall expansion, 762, 763
 Sarnat, B. G., appointment, 219, 363, 1055, 1192
 Sarsany, A. P., degree, 808
 Sartain, E. L., appointment, 874, 1229
 Sarton, Leona L., degree, 1557
 Sartorius, L. C., appointment, 1179, 1447
 Sasaki, H., appointment, 1491
 resignation, 405
 Sasamoto, G. N., degree, 1571
 Sass, D. B., fellowship, 776
 resignation, 879
 Sassetti, F. L., certificate, 1330
 Sasso, J. R., degree, 1401
 Sassoon, S. S. H., degree, 587
 fellowship, 679
 resignation, 1316
 Sather, H. L., appointment, 1187
 Sather, R. O., degree, 792
 Satterfield, D. W., degree, 1558
 Satterlee, Gwen J., degree, 1555
 Satterthwaite, Barbara, appointment, 313
 Sattler, R. E., degree, 1549
 Satz, L. A., appointment, 359, 1188
 Sauer, G. F., appointment, 1229
 Sauer, Margaret E., degree, 1250
 Sauerlender, O. H., appointment, 45, 645, 675, 977
 Sauers, A. D., degree, 1248
 Saulys, Augusta Z., appointment, 1189
 Saulys, V., appointment, 1193
 Saunders, D. H., appointment, 398, 1229
 Saunders, Mrs. Frances P., appointment, 183
 declination, 405
 Saunders, Mrs. Irenne F., appointment, 313, 1151
 Saunders, Mary J. H., degree, 454
 Saunders & Co., purchase, 557
 Saupe, D. C., appointment, 571, 946
 degree, 585
 Saupe, Frances H., degree, 1543
 Saupe, J. L., degree, 784
 Saupe, Virginia N., degree, 799
 Saur, A. J., degree, 576
 Savage, Mrs. Betty J., appointment, 266
 Savage, Elma S., degree, 1392
 Savage, R. G., degree, 822, 1571
 Savitt, A. E., degree, 810
 Savitt, L., appointment, 359, 1188
 gift, 556
 Savitzky, J., degree, 595
 Savko, G., Jr., degree, 593
 Saw, Physics, purchase, 837
 Sawyer, A. E., appointment, 301, 1137
 Sawyer, Mr. and Mrs. A. W., gift, 1468
 Sawyer, L., appointment, 315, 1152
 Sawyer, W. J., See Swayer, W. J.
 Sax, H. H., certificate, 488
 Saxberg, B. O., fellowship, 680, 1484
 resignation, 1425
 Saxe, R. K., degree, 782
 Saxon, L., degree, 827
 Saxton, Mrs. Patricia M., degree, 1540
 fellowship, 678, 1278, 1481, 1501
 resignation, 1280
 Saxton, R. L., degree, 1388
 fellowship, 678, 1480
 Sayad, P. B., degree, 802
 Sayers, B. J., degree, 1248
 Sayler, Beverley B., degree, 828
 Sayler, Miriam, degree, 1389
 Saylor, Cerrila E., appointment, 168, 185, 1003, 1020
 Scaccuto, J. M., degree, 413
 Scaggs, J. R., degree, 818
 Scala, R. A., appointment, 355, 1183
 Scalora, F. S., appointment, 696
 degree, 578
 Scamehorn, H. L., degree, 1537
 Scanlan, Mary M., appointment, 314, 1152
 Scanlon, Virginia, appointment, 8
 Scannell, J. P., degree, 807
 Scarborough, C. C., degree, 1283
 Scarce, R. J., degree, 421
 Scatterday, A., appointment, 290, 1127
 Schaaf, J., appointment, 325, 1167
 Schaal, W. C., degree, 829
 Schaap, W. B., degree, 450
 Schaar & Co., purchase, 612, 767, 838, 852, 1520
 Schaber, F. B., appointment, 293, 1129
 Schacht, F., appointment, 364, 1193
 Schacht, J. H., appointment, 76, 909
 declination, 1280
 Schack, G. J. D., degree, 421
 Schack, Mrs. Mary L., appointment, 304
 Schad, V. L., Jr., degree, 581
 Schade, A. W., degree, 1549
 Schaeede, Mrs. Marlene, appointment, 1143
 Schaeede, R. E., degree, 1572
 Schaefer, Darlene M., degree, 1237
 Schaefer, G. E., degree, 819
 Schaefer, H. O., degree, 424

- Schaefer, Mrs. Jacqueline, appointment, 318, 1157
 Schaefer, R. L., appointment, 292, 1128
 Schaefer, Ruth L., appointment, 874, 1020 degree, 794
 Schaeffer, Mrs. Esther M., appointment, 1164
 Schaefflein, Mary L., degree, 1555
 Schaer, R. W., degree, 801
 Schaeve, C. M., degree, 788
 Schaeve, Mrs. Marjorie J., appointment, 150, 168, 186
 resignation, 879
 Schafer, D. L., degree, 799
 Schafer, J. E., degree, 802
 Schafer, R. G., certificate, 1329
 Schaffer, Barbara J., degree, 807
 Schaffer, J. K., degree, 827
 Schaffer, O. G., appointment, 155, 989
 Schaffner, C. P., fellowship, 678, 1481
 Schaffner, J., degree, 422
 Schaffner, J. S., appointment, 127
 termination, 879
 Schaffrath, W. B., appointment, 174, 179
 resignation, 684
 Schaid, M. A., appointment, 305, 1141
 Schalk, Mrs. Evelyn M., appointment, 260, 1096
 Schalk, J. J., degree, 1565
 Schall, S. M., appointment, 358, 1186
 Schaller, J. W., degree, 827
 Schallman, G. C., certificate, 1329
 Schalter, R. G., degree, 821
 Schaner, B. E., degree, 1553
 Schank, M. C., appointment, 241
 Schar, C. F., appointment, 325, 334, 1167, 1176
 Scharafin, C. E., degree, 1564
 Scharf, F., degree, 1246
 Scharfenberg, Henrietta, degree, 1250
 Scharfenberg, P. J., degree, 819
 Scharre, W. F., Jr., degree, 1542
 Schaub, Mrs. Edna L., appointment, 310, 1147
 Schaumberger, Caryl F., degree, 1555
 Schechtman, E., certificate, 488
 Scheck, D. E., degree, 1553
 Scheckel, P. F., degree, 1399
 Scheef, Martha M., appointment, 10, 1308
 Scheeler, J. A., appointment, 1276 degree, 596
 Scheerer, Rosemarie M., fellowship, 1484
 Scheffler, H. G., degree, 413
 Scheffler, M. M., appointment, 357, 1186
 Schefflow, Mrs. Helen, appointment, 1104
 Scheibe, J. R., appointment, 364
 Scheibel, R. G., degree, 807
 Scheibenreif, R., degree, 596
 Scheick, W. H., appointment, 153, 180
 leave of absence, 336
 resignation, 843, 879
 Scheinin, Haydee, degree, 1238
 Schell, C. A., degree, 824, 1575
 Schell, J. A., degree, 823
 Schelter, J. G., appointment, 300, 1137
 Schenck, Eleanor M., degree, 1560
 Schenck, N. C., degree, 811
 Schencker, H., certificate, 1330
 Scherbarth, Lydia C., appointment, 323, 1165
 Scheribel, K. J., appointment, 357, 1186
 Schermeister, L. J., resignation, 405
 Schermerhorn, J. R., resignation, 46
 Schersten, H. E., degree, 1565
 Schersten, Mrs. Helen F., appointment, 1104
 Schertz, A. H., degree, 807
 Schertz, C. E., appointment, 1103
 Schertz, G. B., degree, 585
 Schertz, K. F., degree, 409
 Schertz, L. P., appointment, 267, 1103
 Schertz, R. L., degree, 422
 Scherwat, D. H., degree, 1286
 Scheuer, Helen E., degree, 828
 Schuler, A. P., resignation, 405
 Schicht, Anna M., appointment, 1460
 Schick, A. F., appointment, 354, 1182
 Schickedanz, Irma M., degree, 1564
 Schierman, L. W., degree, 799
 Schiffer, J. T., degree, 1252
 Schiffrin, M. J., appointment, 361, 1189
 Schildberg, Josephine, appointment, 8
 Schildlein, Clara, appointment, 306, 1143
 Schiller, A., & Son, purchase, 342
 Schiller, A. A., appointment, 210, 1046, 1350
 Schiller, A. G., appointment, 1528
 Schiller, F., appointment, 359, 1188
 Schiller, N. C., degree, 596
 Schillerstrom, Alice G., appointment, 478
 resignation, 684
 Schilling, W. M., appointment, 45
 Schiltz, F. A., degree, 827
 Schimberg, A. L., degree, 1563
 Schimmel, D. W., degree, 1562
 Schimmel, Mrs. Harriet K., appointment, 317, 1155
 Schimmelpfeng, R. H., degree, 812
 Schindler, D. R., degree, 808
 Schindler, Joan L., degree, 1557
 Schirmer, E. H., Jr., degree, 1248
 Schizophrenia, research, gift, 1218
 Schlabach, P. E., certificate, 842
 Schlacks, Jeanne M., degree, 1566
 Schlageter, C., appointment, 1190
 Schlageter, R. W., degree, 590
 Schlapp, J. D., degree, 1568
 Schlarman, Cecile E., appointment, 270, 1106
 Schlatter, C. F., appointment, 138, 974
 Schleef, E. M., degree, 799
 Schlegel, Arlene R., appointment, 1276
 Schleichert, Barbara A., degree, 1560
 Schleifer, D. M., degree, 1572
 Schlenz, H. E., director of Athletic Association, 604, 1409
 Schlesinger, Joan, appointment, 317
 Schlessinger, N., appointment, 571
 Schlichting, W. J., degree, 799
 Schloss, H., appointment, 316
 Schlosser, Dorothy J., degree, 812
 Schlosser, R. E., appointment, 975 degree, 1239
 Schlueter, M. L., degree, 1548
 Schmalhausen, Jo C., appointment, 284, 1131
 Schmalung, J. F., degree, 422
 Schmalung, L. G., degree, 799
 Schmeckpeper, D. E., degree, 598
 Schmeckpeper, Georgene M., degree, 1238
 Schmidt, A. E., appointment, 1184
 Schmidt, C. E., degree, 1562
 Schmidt, Claire L., degree, 807
 Schmidt, E. C., appointment, 299, 1136
 Schmidt, E. R., degree, 1552
 fellowship, 1482
 declination, 1487
 Schmidt, Freda K., degree, 413
 Schmidt, Mrs. Helen B., appointment, 250
 resignation, 646
 Schmidt, J., appointment, 359
 Schmidt, J. C., degree, 810
 Schmidt, J. W., degree, 815
 Schmidt, M. O., appointment, 124, 691, 958, 1447
 degree, 450
 Schmidt, R. R., degree, 803
 Schmidt, Rosalya, appointment, 1007
 Schmidt, Shirley M., appointment, 322
 Schmidt, Suzanne L., degree, 1555
 Schmidt, W., appointment, 325, 1167
 Schmidt, W. E. M., degree, 1552
 Schmiedeskamp, C. W., degree, 1549
 Schmit, R. J., degree, 598
 Schmitt, R. P., degree, 598
 Schmitt, D. M., degree, 591
 Schmitt, H. C. C., appointment, 156, 696, 990, 1452
 Schmitt, J. A. E., degree, 799
 Schmitt, J. E., degree, 790
 Schmitt, L. J., certificate, 1338

Schmitt, N. E., degree, 1550
 Schmitt, R. A., appointment, 1276, 1380, 1478
 Schmitt, V. A., degree, 1389
 Schmitt, W. C., degree, 1389
 Schmitt, W. F., degree, 1250
 Schmitt, S. C., appointment, 45, 113, 163, 511, 947, 999
 Schmitz, Virginia L., appointment, 281, 1116
 Schmulbach, C. D., degree, 812
 Schnaer, I. L., appointment, 355, 1183
 Schnauber, Enid, appointment, 148, 161, 984, 996
 Schnayer, I., degree, 580
 Schnebly, M. I., appointment, 164, 1000, 1451
 Schneck, Virginia M., degree, 1556
 Schneewind, J. B., fellowship, 681
 declination, 684
 Schneider, A. F., degree, 824, 1575
 Schneider, A. J., appointment, 248, 1087, 1457
 Schneider, Mrs. Aleta O., appointment, 331, 1173
 Schneider, F. E., degree, 1576
 Schneider, G. H., degree, 1561
 Schneider, H., degree, 1247
 Schneider, H. C., degree, 1562
 Schneider, M. I., degree, 807
 Schneider, P. E., certificate, 488
 Schneider, Ruby M., degree, 807
 Schneider, Ruth M., degree, 807
 Schneider, W. C., degree, 813
 Schneider, W. H., degree, 823
 Schnepfer, D. H., appointment, 1380
 degree, 587
 Schnepfer, R. L., appointment, 1124
 Schniepp, J. C., degree, 1251
 Schnier, N. A., degree, 821
 Schnirring, Marilyn F., degree, 1564
 Schnittke, G., appointment, 1452
 Schnitzler, A. D., degree, 1391
 Schnurr, P. E., degree, 810
 Schoch, H. H., III, degree, 815
 Schoen, A. H., degree, 795, 1555
 Schoen, Mrs. Elizabeth E., appointment, 447, 904, 1380
 resignation, 1316
 Schoenberger, J. A., appointment, 398, 1039
 Schoenberger, Ruth A., appointment, 270
 Schoene, R. B., appointment, 1107
 degree, 799
 Schoeneberg, E. L., degree, 1242
 Schoenfeld, L., appointment, 80, 696, 914
 Schoenfeld, M. R., fellowship, 1232, 1278
 Schoenfeld, Rachelle B., degree, 408
 Schoenrock, D. H., degree, 818
 Schoenwetter, H. K., appointment, 281, 1118
 Schoepfer, A. E., degree, 1557
 Schofield, H. S., degree, 1565
 Scholarly publications, appropriations, balances
 reappropriated, 38
 Scholarships, Ceramic Engineering, regula-
 tions, revisions, 1359
 funds, budget, 194, 234, 1029, 1073
 gift, Advertising Executives Club of Chi-
 cago, 1210, 1467
 Air Foundation, Inc., 1467
 Allerton, R., 1210, 1467
 Alpha Phi Omega, Alpha Alpha Chapter,
 1210
 American Legion Auxiliary, Department
 of Illinois, 1467
 Anderson, Mrs. Margaret, 547
 Bellamy, A., 766
 Berkelhamer family, 556, 1473
 Borden Company Foundation, Inc., 1216,
 1467
 Boudreau Trust Fund, 547
 Brook Hill Farms, Inc., 547, 1467
 Campus Chest, 547, 1467
 Ceco Steel Products Corp., 1467
 Chicago Farmers, 547, 1210
 Class of 1950, 547
 Foundation, University, 1211, 1468

Scholarships, cont'd

Gulf, Mobile, & Ohio Railroad Co., 1210,
 1467
 Hackett, Mrs. Jessie E., 372
 Haeger Potteries, 547
 Harnischfeger Corp., 556, 1474
 Hunter, Jeannette E. and B. F., 662
 Illini Achievement Fund, 547, 548, 1467
 Illinois Association for the Crippled, Inc.,
 547, 1210, 1467
 Illinois Congress of Parents and Teach-
 ers, 547, 1210
 Illinois Federation of Women's Clubs,
 547, 1210, 1216, 1467
 Illinois Mining Institute, 547, 1467
 Junior Women's Advertising Club of Chi-
 cago, 1468
 Kroger Co., 547, 1210
 Lincoln Arc Welding Foundation, 547,
 1211
 Markle, J. and Mary R., Foundation, 553,
 1216
 Mohr, A., Jr., J. S., and L., 1211
 Morse, J., Memorial Foundation, 548,
 1467
 National Association of Thoroughbred
 Breeders, 1211
 Old Ben Coal Co., 548, 1211, 1468
 Panhellenic Council, 548, 1211
 Peabody Coal Co., 547, 1468
 Petter, H. A., Supply Co., 1211
 Pickard, A. E., Coal Co., 547, 1211
 Pierce, Mrs. Kittie B., 548, 1211
 Pi Kappa Lambda, 1211
 Practorians of Illinois, 1211
 Presser Foundation, 1211
 Reardon, N. D., 1467
 Ruettinger, J. W., 1211
 Ruhm Phosphate & Chemical Co., 548
 Rusher, F. E. and Dorette J., 607
 Sears-Roebuck Foundation, 548
 Sigma Delta Chi, 1468
 Sinai Temple Congregation of Champaign-
 Urbana, 548, 1211, 1468
 Skidmore, Owings, and Merrill, 548, 1211
 Student Organization Fund, 1211
 Tennessee, University of, Library, 550,
 1213
 University Concert and Entertainment
 Board, 1211
 Yarros, V. S., 556, 1474
 Law, established, 1220
 referred to Committee on General Policy,
 843
 medical social workers, 1358
 Scholl, Estelle M., degree, 581
 Scholomiti, N. C., appointment, 243, 398,
 1082, 1458
 Scholz, Joyce E., degree, 1539
 Scholz, J. J., fellowship, 646, 1382
 Schoneberg, S., degree, 827
 Schooley, F. E., appointment, 166, 169, 511,
 1002, 1004
 Schoolman, H. M., degree, 825
 Schoolman, J. G., appointment, 207, 675, 1044,
 1478
 School Music Service, purchase, 671
 School programs, study, contract, 1207, 1305,
 1327, 1417
 Schoonmaker, S., appointment, 155, 990
 Schoper, C. A., degree, 1388
 Schopp, R. T., degree, 796
 Schorr, H., appointment, 203, 1038
 Schott, E. W., degree, 410
 Schottenhamel, G. C., degree, 785
 Schottenhamel, Mrs. Lillian, appointment, 1113
 Schour, I., appointment, 215, 218, 511, 1051,
 1054
 Schowalter, K. A., degree, 781
 Schowengardt, H. A., Jr., degree, 1248, 1542
 fellowship, 776

- Schrader, A. L., degree, 817
 Schrader, Bernice, appointment, 177, 1013
 Schrader, Dorothy M., degree, 1550
 Schrader, F. M., degree, 780
 Schrader, G. F., appointment, 129, 1506
 degree, 794
 Schrader, H. J., appointment, 133, 968
 Schrader, Mrs. Margaret, appointment, 270,
 1107
 Schrader, Mrs. Rose W., appointment, 1127
 Schramm, W., appointment, 165, 166, 169,
 1001, 1002, 1005
 leave of absence, 474, 1317
 representative at Conference on American
 Tradition, 1420
 Schranz, E., degree, 1400
 Schreiber, Joan, appointment, 1150
 Schreiber, R. A., degree, 1557
 Schreiber, W. J., Jr., degree, 421, 1545
 Schreiber, W. P., degree, 812
 Schreiman, Sylvia C., appointment, 322, 1164
 Schreiner, Kathryn, appointment, 314
 Schreiner, P. J., degree, 592
 Schrepferman, J. R., degree, 817
 Schrey, E. L., appointment, 363, 1192
 Schriefer, D. L., degree, 799
 Schroeder, Edith, fellowship, 1481
 declination, 1487
 Schroeder, Eloise R., appointment, 267
 Schroeder, F., Jr., degree, 583
 Schroeder, J. T., certificate, 42
 Schroeder, Mrs. Patricia J. B., appointment,
 398
 degree, 421
 resignation, 573
 Schroeder, Phyllis J., appointment, 275
 Schroeder, R. R., degree, 1547
 Schroeder, R. W., appointment, 247, 1086
 Schroeder, W. H., degree, 1564
 Schroeder's, contract, 340, 368, 848, 1208,
 1519
 adjustments, 33, 502, 524, 561, 611, 669,
 713, 770, 865, 1209, 1264, 1328,
 1345, 1361, 1418, 1465, 1495, 1522
 Schroer, P. P., degree, 814
 Schroll, Mrs. Eleanor, appointment, 328, 1170
 Schroll, L. D., degree, 1549
 Schroth, Abbie M., degree, 1244
 Schruh, C. R., degree, 804
 Schull, Mrs. Wilberta, appointment, 262
 Schrum, R. W., degree, 1397
 Schrumpt, D. R., Jr., degree, 1562
 Schubert, B. F., degree, 784
 Schubert, C. E., appointment, 129, 964
 Schubert, G. D., degree, 594
 Schubert, J. E., appointment, 81, 914
 Schubert, P. E., degree, 595
 Schubert, R. E., degree, 1571
 Schubert, W. C., Jr., degree, 1400
 Schuchmann, E. G., Jr., degree, 585
 Schuckmell, Natalie H., degree, 827
 Schueler, A. P., degree, 579
 Schueler, M. W., Jr., degree, 1252
 Schueler, Marilyn, degree, 1550
 Schueler, R. J., degree, 1252
 Schueneman, G. J., degree, 424
 Schuessler, P. E., degree, 1576
 Schuette, G. W., degree, 595
 Schuetz, Mrs. Christie B., appointment, 289
 Schuetz, W. H., appointment, 150, 985
 Schuetze, E. W., degree, 801
 Schuh, H., appointment, 1127
 Schuldt, E. H., Jr., fellowship, 46
 Schuler, E. T., certificate, 1329
 Schuler, G. J., degree, 1544
 Schuler, N. L., degree, 1564
 Schulke, H. A., Jr., degree, 1542
 Schulman, A. S., Electric Co., contract, 544
 Schulman, J. K., degree, 816
 Schulman, Muriel B., appointment, 289
 Schulman, S., fellowship, 682
 resignation, 879
 Schulstad, L. B., degree, 816
 Schultheis, R. E., certificate, 488
 Schulthes, W. E., appointment, 271, 1107
 Schultz, A., appointment, 358, 1186
 Schultz, A. L., certificate, 1178
 Schultz, C. W., Jr., degree, 443
 Schultz, Mrs. Elizabeth W., appointment, 266,
 1102
 Schultz, H. A., appointment, 147, 148, 154,
 689, 692, 980, 983, 989, 1448
 Schultz, H. F., degree, 1392
 Schultz, H. L., degree, 1243
 Schultz, J., Jr., degree, 1531
 fellowship, 1501
 Schultz, Mrs. Joan, appointment, 1093
 Schultz, L., appointment, 219
 Schultz, L. G., degree, 1390
 fellowship, 1483
 Schultz, L. W., appointment, 363, 1191
 Schultz, Louise, degree, 817
 Schultz, Mrs. Manda F., appointment, 1099
 Schultz, R. E., appointment, 146, 983
 Schultz, Sandy S., degree, 1247
 Schulz, G. W., appointment, 332
 Schulz, P. G., Jr., degree, 799
 Schulz, W. F., appointment, 132, 967
 Schulze, H. C., degree, 1251
 Schulze, Juanita A., degree, 800
 Schumacher, A. A., degree, 799
 Schumacher, C. F., degree, 810
 Schumacher, E. G., degree, 1566
 Schumacher, Mary T., appointment, 297, 1134
 Schumaier, C. F., degree, 788
 Schumaker, Marjorie L., degree, 409
 Schumann, D. W., appointment, 78, 911, 1450
 Schumann, Joan R., degree, 1398
 Schunnehan, Mrs. Agnes F., appointment,
 1099
 Schunnehan, R. F., degree, 1552
 Schupp, J. G., appointment, 355, 1184
 Schur, J. A., certificate, 1338
 Schurz, C., book, printing, 377
 Schust, R. A., appointment, 333, 1167
 Schutz, F. W., Jr., appointment, 675, 959
 Schutz, H. A., appointment, 249, 1087
 degree, 1243
 Schutz, W. C., certificate, 42
 Schuyler, Clarissa J., degree, 1560
 Schuyler, W. M., appointment, 241, 702,
 1081, 1457
 Schwaar, R. H., degree, 1557
 Schwabe, Dolores M., degree, 820
 Schwaiger, J. W., degree, 1396, 1528
 Schwaiger, Roberta M., degree, 1396
 Schwalbe, E. E., degree, 1389
 Schwalbe, W. L., appointment, 133, 969
 Schwam, E. F., Jr., degree, 414
 Schwardt, Helen, appointment, 1157
 Schwartz, Mrs. Beatrice G., appointment, 330
 Schwartz, C., appointment, 243, 398
 resignation, 684
 Schwartz, Mrs. Doris J., appointment, 258
 Schwartz, D., appointment, 398
 resignation, 684
 Schwartz, E., Jr., degree, 577
 Schwartz, E. H., certificate, 1338
 Schwartz, E. D., certificate, 1329
 Schwartz, Elizabeth, appointment, 185
 declination, 405
 Schwartz, G. F., appointment, 155, 990
 Schwartz, H. R., resignation, 405
 Schwartz, J. A., certificate, 1338
 Schwartz, L., degree, 790
 Schwartz, Lillian, appointment, 328, 1170
 Schwartz, M. A., degree, 810
 Schwartz, M. L., appointment, 356
 Schwartz, M. W., degree, 1567
 Schwartzberg, H. J., degree, 414
 Schwarz, E. W., degree, 792
 fellowship, 679, 1278, 1482
 Schwarz, J. E., appointment, 1380
 degree, 1547

- Schwarz, M., degree, 810
 Schwarz, W., appointment, 1380
 Schwarz, W. R., degree, 424
 Schwarz, Paper Co., purchase, 341
 Schwarzlose, P. F., appointment, 45, 126, 693, 961, 1449
 Schweig, H. A., Jr., degree, 1566
 Schweitzer, A. W., appointment, 213, 360, 1188, 1229
 Schweitzer, R. N., degree, 815
 Schwenk, F. C., degree, 794
 Schweppe, E. J., degree, 1245
 Schwerdt, R. F., degree, 1541
 fellowship, 1482
 Schwerer, J. P., degree, 799
 Schwetz, E. J., degree, 804
 Schwetz, M. J., appointment, 775, 917, 1276, 1315
 Schwiderski, J. A., degree, 829
 Schwind, P. J., degree, 423
 Science and Industry, Museum of, heart exhibit, funds, gift, 554
 publications, appropriation, balance reappropriated, 40
 Scientific Manufacturing Co., gift, 551
 Sciora, Mrs. Jean, appointment, 327, 1169
 Scofield, J. R., degree, 1571
 Scott, A. L., appointment, 75, 908
 Scott, Barbara J., degree, 1555
 Scott, C. M., appointment, 265, 1101
 Scott, C. V., Jr., degree, 808
 Scott, D. R., degree, 807
 Scott, E. J., appointment, 81, 914, 1452
 leave of absence, 1408
 Scott, E. S., degree, 1533
 discovery, patent rights, release, 1514
 fellowship, 678, 877
 declination, 684
 Scott, Mrs. Elizabeth, appointment, 1117, 1120
 Scott, Emma, appointment, 319, 1158
 Scott, G. C., degree, 1568
 Scott, G. H., appointment, 359, 1187
 Scott, H. A., certificate, 488
 Scott, H. M., appointment, 102, 936
 Scott, H. W., appointment, 78, 911
 Scott, I. E., Jr., degree, 1246
 Scott, J. H., degree, 1240
 Scott, J. R., degree, 1535
 Scott, J. T., Jr., degree, 585, 1387
 fellowship, 531, 775, 1352, 1479
 Scott, J. V., degree, 1549
 Scott, Jacques W., degree, 797
 Scott, Joseph W., appointment, 86, 699, 700, 920, 1455
 Scott, L. L., appointment, 696
 degree, 1282
 Scott, L. M., degree, 1555
 Scott, M. B., degree, 576
 resignation, 573
 Scott, M. J., appointment, 398, 692, 1229, 1448
 Scott, Monna R., appointment, 267
 Scott, N. R., resignation, 46
 Scott, Phyllis J., degree, 1550
 Scott, Ralph A., Jr., degree, 1519
 Scott, Robert A., degree, 799
 Scott, R. B., degree, 793
 Scott, R. E., appointment, 398, 698, 916
 Scott, R. F., appointment, 183
 Scott, R. G., Jr., degree, 1401
 Scott, R. M., certificate, 42
 Scott, T. A., Jr., degree, 1396
 Scott, T. S., degree, 1246
 Scott, T. W., degree, 792
 Scott, W. H. O., appointment, 1229, 1424
 Scott, W. O., appointment, 99, 118, 933, 951
 Scotton, D. W., appointment, 874, 975
 Scouffas, G., appointment, 76, 693, 874, 908, 1449
 degree, 782
 Scovill, H. T., appointment, 138, 974
 leave of absence, 1531
 Scribner, Carol Y., diploma, 1575
 Scuderi, C. S., appointment, 363, 1191
 Seaboard Airline, trust certificates, purchase, 1420
 Seagrist, E. J., appointment, 122
 degree, 794
 Seaman, P. E., degree, 596
 Seaman, R. F., appointment, 151, 1229
 Seaney, H. E., degree, 1399
 Searight, E. F., degree, 591
 Searl, Anna W., appointment, 109, 119, 942, 952
 Searle, G. D., & Co., gift, 553, 1212, 1215
 Searls, Mrs. Arlene L., appointment, 1129
 Searls, W. L., degree, 822
 Sears, Mrs. Helen W., appointment, 238, 243
 Sears, O. H., appointment, 98, 932
 Sears, Roebuck & Co., purchase, 31, 559
 Sears-Roebuck Foundation, gift, 548, 1211
 Sears, R. S., appointment, 694
 Seaton, M. J., degree, 821
 Seavey, R. W., degree, 588
 Sebastian, Judith A., degree, 812
 Sebastian, R. F., degree, 1243
 Secondary schools, admissions from, committee, budget, 62, 261, 895, 1097
 Secondino, C. J., degree, 814
 Secord, A. W., appointment, 75, 908, 1449
 Secretarial Training, curriculum, revisions, 490
 See also Business Organization and Operation.
 Secretarial training program, equipment, appropriation, 470
 Secretary of Board, election, 601, 1404
 reports, 42, 389, 444, 476, 506, 529, 570, 643, 674, 729, 773, 868, 1222, 1270, 1312, 1333, 1349, 1376, 1422, 1423, 1476, 1498, 1525
 signature, delegation, 4, 443, 602, 858, 1405
 Secrist, G. A., degree, 598
 Securities, orders for changes, signatures of Secretary and Comptroller, 443
 purchase, 835
 sale, 834
 resolution, 835
 Security Office, budget, 67, 264, 900, 1100
 Seeber, T. H., certificate, 527
 Seed, L., appointment, 363, 1191
 Seeds, A. W., degree, 585
 Seely, Elizabeth A., degree, 578
 Seely, F. B., appointment, 133, 968
 Sefcik, E. S., appointment, 300, 1137
 Sefcik, Mrs. Mary P., appointment, 301
 Sefershayam, G. R., degree, 453
 Segal, A. R., degree, 1566
 Segall, B., degree, 1283
 fellowship, 731
 Segatta, J. J., degree, 1561
 Segenreich, H. M., appointment, 1190, 1333
 Segermark, E. G., appointment, 325, 326, 1167, 1168
 Seghetti, Lolita, appointment, 316, 1154
 Seglin, M. N., degree, 827
 Segre, E. G., appointment, 645, 966
 resignation, 1425
 Sehl, Nellie K., appointment, 1506
 Seib, R. C., degree, 1399
 Seibert, Frances M., degree, 790
 Seibert, J. S., degree, 1558
 Seidel, D. L., degree, 817
 Seidel, Katherine V., appointment, 398, 944, 951
 Seidel, W. J., degree, 823
 Seidler, A. H., appointment, 160, 697, 995, 1453
 Seidler, B. M., degree, 1246
 Seidler, Joanne, degree, 420
 Seifert, K. F., fellowship, 1485
 declination, 1502
 Seigel, I. L., Jr., degree, 1568
 Seigle, P. E., appointment, 244

- Seil, M. D., appointment, 166, 1002
 Seiler, F., appointment, 272, 1108
 Seils, G. W., certificate, 488
 Seith, Nancy L., degree, 1566
 Seitz, A. M., degree, 1565
 Seitz, F., appointment, 131, 874, 1276
 leave of absence, 1280
 Seitz, P. G., appointment, 966
 Seitzinger, G. L., degree, 824, 1575
 Seitzinger, H. O., degree, 814
 Seitzinger, M. V., degree, 799
 Seiwert, H. C., appointment, 1276
 Sek, F. W., degree, 824
 Selander, R. B., fellowship, 680, 1483
 declination, 1487
 Selegmann, K., painting, purchase, 711
 Seles, Mrs. Genevieve P., appointment, 331, 1172
 Selesner, E., fellowship, 681
 Selesnick, S., appointment, 1190
 Seligmann, J., & Co., purchase, 711
 Selin, C. W., degree, 416
 Selkirk, W. J., degree, 419
 Selkregg, F. M., Jr., degree, 797
 Sell, A. E., degree, 799
 Sells, Charlotte, appointment, 311, 1148
 Selmer, Ruth, appointment, 1308
 Selmeyer, F. D., degree, 413
 Selsor, A. C., degree, 1564
 Selstad, R. H., degree, 586
 Seltzer, H. D., certificate, 1330
 Seltzer, Harriett A., appointment, 1229
 fellowship, 46
 Selverstone, L. A., appointment, 355, 1183
 Semantics, experimental, research, gift, 1471
 Semenchuk, A., degree, 1399
 Semiati, Paula B., degree, 807
 Semi-conduction, fundamental nature of, research, contract, 378
 Semones, Mrs. Myra L., appointment, 267, 1103
 Semple, J. G., degree, 585
 Sen, A. K., appointment, 364, 1193
 fellowship, 646, 1232
 Senate, State, legislation, appropriation bill for 1951-1953, 772
 East Dentistry-Medicine-Pharmacy Building, construction, 772
 state board of higher education, proposed, 716
 Senate, University, resolution, use of University premises for addresses by candidates for public office, 1326
 Sendziak, S. J., Jr., degree, 592
 Sencar, F. E., appointment, 203, 1038
 Seneco, W. W., certificate, 1338
 Seng, C. N., degree, 1544
 Seng, O. A., degree, 416
 Senger, F. B., Jr., appointment, 167, 1002
 Senger, J. D., appointment, 139
 declination, 405
 Seniority, nonacademic employees, regulations, 1440
 Senn, M. B., degree, 598
 Sennett, J. M., degree, 450
 Sennett, A. L., degree, 1561
 Senton, Mary A., appointment, 320, 1164
 Sentz, R. C., degree, 1385
 Sepmeyer, C. F., degree, 421
 Serdar, S. R., degree, 821
 Sereb, J., certificate, 1338
 Sered, H., appointment, 356, 1185
 Sered, Shirley J., degree, 1564
 Sereda, S. J., degree, 588
 Seremak, M. A., degree, 588
 Sergeant, Lois M., degree, 1550
 Serles, E. R., administrative officer of Chicago Professional Colleges, 1320
 appointment, 220, 1057
 Serrett, J. B., degree, 795
 Serven, Mary E., degree, 800
 Sestak, A. A., degree, 424, 1390
 Seten, Mary H., lease, 1306
 Setinz, Verna B., degree, 1246
 Seto, J., appointment, 1148
 Setterdahl, F., certificate, 1330
 Setzekorn, Anna M., degree, 1243
 Severance, Rosemary, degree, 794
 Severns, J. E., degree, 1539
 Severns, W. H., appointment, 129, 964
 Sevy, Mrs. Barbara, appointment, 324, 1166
 Sevy, R. W., appointment, 1276
 degree, 1569
 Sewage plant research, appropriations, balances reappropriated, 1197
 Sewage Research, budget, 125, 278
 Sewage treatment and disposal system, Robert Allerton Park, contracts, 1200
 wage rates, objections by Twin City Federation of Labor, 1201
 Seward, L., appointment, 272
 Sewers, Dentistry-Medicine-Pharmacy Building, contract, 543
 Goodwin and Pennsylvania Avenues, contract, 708
 Illini Hall area, contract, 528
 release of funds, 519
 Lincoln and Florida Avenue intersection, extension, 1464
 Lincoln Avenue, maintenance, agreement, 845
 Springfield Avenue at Harvey Street to the Boneyard, extension, 1464
 Sexauer, C. E., degree, 814
 Sexauer, L. D., Jr., certificate, 42
 Sexauer, N. E., degree, 1544
 Sexton, Audrey M., appointment, 295, 1132
 Sexton, H. O., appointment, 156, 157, 697, 991, 992, 1452
 Sexton, Meta M., appointment, 184, 1019
 Seybolt, R. F., appointment, 136
 Seyfarth, F., appointment, 129, 696, 964
 Seyler, E. C., appointment, 62, 894
 Seyler, J. W., appointment, 125
 degree, 410
 Seymour, E. R., degree, 818
 Seymour, F. P., Jr., degree, 582
 Seymour, J. H., degree, 589
 Seymour, R. G., appointment, 142, 978
 Shackelford, Mrs. Wanda J., appointment, 259
 Shaddock, R. E., degree, 586
 Shadensack, Joan M., degree, 812
 Shafer, Mrs. Anita L., appointment, 1424
 degree, 829
 Shafer, P. R., appointment, 775, 1229
 Shaffer, J. N., degree, 815
 Shaffer, P. R., appointment, 78, 911
 Shaffer, H. A., degree, 1572
 Shahani, K. M., appointment, 106, 775, 1229
 leave of absence, 1235
 resignation, 1383
 Shahbender, R. A., degree, 1282
 Shakespeare collection, gift, 466
 Shakow, D., appointment, 211, 1047
 Shalaby, A. S. M., degree, 792
 Shalla, L. S., appointment, 202
 Sharon, J., degree, 590
 Shambaugh, T. J., Jr., member of advisory committee, 562
 Shambaugh, P., appointment, 363, 1192
 Shambaugh, T. J., Jr., member of advisory committee, 1194, 1195
 Shames, Mrs. Nora, appointment, 318, 1156
 Shanafelt, D. E., degree, 807
 Shanafelt, D. K., degree, 824, 1575
 Shanafelt, Mrs. Fay, appointment, 305, 1141
 Shane, M., degree, 1572
 Shane, O. S., certificate, 1329
 Shaner, D. R., degree, 794
 Shank, M. C., appointment, 1080, 1457
 Shanker, Pearl R. S., degree, 452
 Shankland, D. L., degree, 792
 Shanks, S. G., degree, 1559
 Shann, B. L., degree, 1549

- Shannon, Ellen J., degree, 408
 Shannon, F. A., appointment, 79, 695, 912
 leave of absence, 604
 Shanor, L., appointment, 71, 904, 1445
 leave of absence, 604
 Shapin, T., Jr., appointment, 136, 972
 discovery, patent rights, release, 1340
 Shapira, F. M., degree, 588
 Shapiro, A. W., certificate, 1329
 Shapiro, Anne P., degree, 1397
 Shapiro, B. L., certificate, 42
 Shapiro, D., degree, 1572
 Shapiro, D. C., degree, 822, 1571
 Shapiro, D. H., degree, 807
 Shapiro, F., appointment, 358, 1187
 Shapiro, H., degree, 1394
 Shapiro, H. E., degree, 1563
 Shapiro, I. L., certificate, 1330
 Shapiro, J., certificate, 842
 Shapiro, L., certificate, 1329
 Shapiro, M. D., appointment, 136
 resignation, 405
 Shapiro, M. K., degree, 594
 Shapiro, N., degree, 1559
 fellowship, 1484
 declination, 1487
 Shapiro, R. D., degree, 594
 Shapiro, S. C., certificate, 488
 Shapiro, S. E., appointment, 45, 246, 702,
 1085
 Shapiro, S. L., appointment, 359, 1187
 Share, H., degree, 829
 Share, I. A., degree, 831
 Shariff, G. A., degree, 829, 1568
 Sharkey, R. H., degree, 590
 Sharp, E., appointment, 1105
 Sharp, E. A., degree, 589
 Sharp, Mrs. Ernestine, appointment, 285
 Sharp, F. T., appointment, 329, 1171
 Sharp, G., appointment, 318, 1157
 Sharp, H. F., appointment, 1229
 Sharp, Katharine L., fellowship, gift, 1469
 Sharp, R. D., fellowship, 1485
 declination, 1487
 Sharp, R. E., Jr., degree, 1548
 Sharp & Dohme, Inc., contract, 1327, 1417,
 1521
 gift, 1471
 Sharpe, K. P., appointment, 219, 1055
 Sharpe, Merla B., degree, 413
 Shatkin, Mrs. Joyce, appointment, 1350
 Shattuck, A. B., degree, 1243
 Shattuck, C. H., appointment, 75, 693, 700,
 908, 1449, 1455
 Shattuck, Susan D., degree, 786
 Shaughnessy, H. J., appointment, 212, 1048
 Shaughnessy, Julia, appointment, 1159
 Shaver, Elizabeth L., degree, 1555
 Shaver, R. H., degree, 782
 Shavers, Doris W., degree, 577
 Shaw, C. E., degree, 1397
 Shaw, D. R., degree, 807
 Shaw, Jean C., appointment, 205, 398
 Shaw, N. G., appointment, 360, 1189
 Shaw, Ruth E., degree, 423
 Shaw, W. K., degree, 784
 Shaw, W. R., degree, 827
 Shaw, W. W., degree, 815
 Shawl, R. I., appointment, 96, 688, 930, 1444
 Shawver, D. L., degree, 1282
 Shaw-Walker Co., purchase, 613
 Shay, F. J. R., degree, 1247
 Shay, Mary L., appointment, 79, 912
 Shea, C. H., certificate, 842
 Shea, Mrs. Nellie, appointment, 309, 1147
 Shea, P. J., degree, 1243
 Sheaff, H. M., appointment, 353, 1181
 Shea-Matson Co., purchase, 344
 Shearburn, A. L., degree, 424
 Shearburn, Mrs. Jean L., appointment, 270
 Shearer, C. E., appointment, 352
 resignation, 479
 Shearer, R. D., certificate, 1329
 Sheckler, C. K., degree, 799
 Shedd, Harriet M., degree, 452
 Shedd, M. H., appointment, 177
 Shedd, T. C., appointment, 124, 511, 691, 957,
 1446
 Sheean, J., purchase, 376, 500, 501, 838, 852,
 853, 854, 1416
 Sheehan, E. F., appointment, 308, 1141
 Sheek, Martha R., appointment, 398, 478, 675,
 874, 904
 Sheep Barn, sanitary facilities, appropriation,
 balance reappropriated, 38
 Sheet metal work, contract, apartment build-
 ing in Chicago, 1264
 minor alterations and remodeling, 848,
 1519
 Sheets, McKinley Hospital, purchase, 1416
 Sheffer, Jeanette F., degree, 1238
 Sheffer, R. M., degree, 1553
 Sheffner, A. L., appointment, 398
 degree, 1569
 Shehan, W. H., degree, 598
 Sheiry, Vannie L., appointment, 263, 1099
 Shelby, R. G., degree, 821
 Sheldahl, L. D., degree, 814
 Shelden, Miriam A., appointment, 64, 897
 Sheldon, E. H. & Co., contract, 560, 1414
 purchase, 853, 1520
 Sheldon, F. C., certificate, 42
 Shelford, V. E., appointment, 87, 920
 Shellabarger, Helen A., degree, 807
 Shell Chemical Corp., contract, change, 865
 Shelley, Mrs. Dorothy E., appointment, 430,
 808
 Shell Fellowship Committee, gift, 549, 1212
 Shellman, R. W., degree, 1396
 Shell Oil Co., purchase, 468, 711, 1327
 Shellow, H., appointment, 203, 1038
 Shelly, Mrs. Edith R., appointment, 1097
 Shelp, R. H., degree, 595
 Shelton, E. W., degree, 1545
 Shelton, J. C., degree, 1564
 Shelton, J. G., degree, 791
 Shelton, J. W., degree, 1285
 fellowship, 1483
 Shelton, Marguerite M., degree, 1286
 Shelton, R. E., appointment, 160, 697, 700,
 994, 1453, 1456
 Shemaitis, R. D., degree, 821
 Shen, Elizabeth H. H., appointment, 73
 declination, 405
 Shen, Lin E. J., degree, 1539
 Shepard, D. K., degree, 1550
 Shepard, H. R., appointment, 1380
 Shepherd, C. W., degree, 1564
 Shepherd, Rosemary H., degree, 800
 Shepherd, T. W., degree, 585
 Sheraden, Dorothy I. W., degree, 413
 Sheraden, G. H., degree, 821, 1544
 Sherbo, A., appointment, 398, 908
 Shere, Mrs. Marie O., appointment, 86, 478,
 700, 920, 1456
 declination, 1502
 Sherer, H. C., appointment, 257
 Sherer, Mrs. Laurel K., appointment, 320
 Sherk, P. M., degree, 783
 resignation, 778
 Sherlock, J. P., contract, 441
 Sherman, Alice E., certificate, 42
 Sherman, Mrs. Irene C., appointment, 211,
 1047
 Sherman, L. A., degree, 1398, 1399
 Sherman, L. J., degree, 1541
 Sherman, M. E., degree, 1392
 Sherman, Phyllis, degree, 596
 Sherman, R. F., degree, 1561
 Sherrod, T. R., appointment, 209, 1045, 1380
 Sherwin, C. W., appointment, 132, 874, 875,
 967, 1276
 discovery, patent rights, release, 1418

- Sheuring, J. J., degree, 450
 discovery, patent rights, release, 1258
 Shewalter, W. C., degree, 821
 Shewitz, N., certificate, 42
 Shewmon, P. G., degree, 1553
 Shick, Mary E., appointment, 1121
 Shick, W. L., appointment, 128, 963
 Shideler, E. H., appointment, 84, 918
 Shields, Mildred K., degree, 1546
 Shiels, J. A., degree, 1240
 Shiels, T. V., degree, 1573
 Shifrin, G. A., degree, 583
 Shifrin, R., appointment, 1193
 Shigemura, Y., degree, 1285
 Shih, Cheng, degree, 783
 Shih, Kung-Sing, fellowship, 1352, 1484
 Shimcull, J. F., degree, 1396
 Shimek, J. L., appointment, 142, 978
 Shimelfarb, M. J., certificate, 488
 Shimkus, T. B., degree, 598
 Shimmin, K. D., degree, 804
 Shinn, E. M., degree, 1568
 Shipley, E. E., appointment, 282, 1118
 Shipley, J. R., appointment, 154, 989, 1445
 Shipman, C. T., appointment, 299, 1136
 Shippy, G. D., degree, 1243
 Shirley, Mrs. Elizabeth E., appointment, 944, 1096
 Shirley, N. Virginia, appointment, 186
 resignation, 646
 Shirley, R. L., appointment, 272, 1108
 Shissler, Barbara L., degree, 800
 Shively, T. E., degree, 1251
 Shkolnik, S., appointment, 221, 1058
 Shmigelsky, Irene, appointment, 361, 1189
 Shoemaker, Mrs. Charlotte W., appointment, 289
 Shoemaker, H. H., appointment, 87, 921
 Shoemaker, O. L. & Co., contract, 437, 475, 544, 863, 1201
 Shoemaker, Patricia J., appointment, 258, 1095
 Shoff, Carol G., degree, 1566
 Shoho, M., degree, 1557
 Sholl, M. D., degree, 792
 Shols, G. W., degree, 824, 1575
 Sholtz, P. N., degree, 1552
 Shomay, D., appointment, 701
 Shoop, Elizabeth S., degree, 1562
 Shopen, K. G., appointment, 245, 1084
 Shop Laboratories, Chicago Undergraduate
 Division, budget, 247, 332, 1086, 1174
 Shore, Carmen C., degree, 1249
 Shore, F. J., Jr., appointment, 1350
 degree, 1535
 resignation, 1530
 Shore, J. D., degree, 588
 Shore, S. G., degree, 809
 Shores, J. H., appointment, 144, 173, 692, 980, 1009, 1447
 Short, Dorothy M., appointment, 184
 resignation, 405
 Short, Edith M., degree, 1567
 Short, R. W. P., degree, 410
 fellowship, 678, 1334
 Short courses, agriculture, fees, 1220
 insurance, contract, 469, 560
 lumber and material dealers, contract, 469
 Shorter, Gertrude, appointment, 1148
 Shoukry, A. S., fellowship, 1352
 Shouse, G. F., degree, 584
 Showell, J. S., appointment, 906
 Shraer, B. B., certificate, 489
 Shragal, J. F., degree, 1552
 Shramm, R. J., degree, 1548
 Shrensky, I., degree, 817
 Shrifter, H. B., degree, 1572
 Shrontz, Vivian J., degree, 810
 Shroyer, Mrs. Ellen W., appointment, 1105
 Shroyer, Ralph L., degree, 1559
 Shroyer, Robert L., degree, 598
 Shudnow, F. E., certificate, 1330
 Shugart, J. W., degree, 804
 Shugerman, A. L., certificate, 1407
 Shugert, Mary L., degree, 812
 Shuldes, D. V., degree, 1559
 Shuldiner, P. W., degree, 802
 Shuler, R. G., appointment, 399, 1084, 1315
 Shull, G., fellowship, 777
 Shulman, A. D., degree, 1553
 Shulman, M. D., degree, 1239
 Shultz, R. H., degree, 1395
 Shultz, Winifred, appointment, 323
 Shuman, C. B., member of advisory com-
 mittee, 1194, 1195
 Shumard, C. A., degree, 821
 Shunnesson, G. A., degree, 802
 Shurn, Mrs. Ann M., appointment, 1170
 Shutters, Research and Educational Hospitals,
 contract, 26
 Shuttleworth, R., appointment, 399
 resignation, 573
 Shutts, Joan R., degree, 807
 Shyer, H. P., fellowship, 682
 declination, 684
 Shyer, Marilyn S., degree, 807
 Shyman, J., degree, 816
 Sibbitt, Joan L., degree, 799
 Sibons, G. D., appointment, 161, 995
 degree, 1391
 Sichau, Margaret, appointment, 328
 Sichrovsky, R. J., degree, 1555
 Sickler, B. E., degree, 1284
 Sicular, R. H., degree, 1547
 Sidebottom, O. M., appointment, 134, 969
 Sideman, M. B., degree, 410
 Sidener, R. L., degree, 1562
 Siderius, N. J., degree, 1391
 Sidewalks, Chicago Professional Colleges, re-
 placement, contract, 370, 1474
 Small Homes Council housing research
 project, construction, contract, 436
 South Campus, appropriation, 441
 contract, 441, 659
 Student and Staff Apartments, contract, 33
 Sidwell, Marjorie A., degree, 1244
 Siebenmann, F. J., degree, 799
 Siebert, E. W., degree, 797
 Siebert, F. S., appointment, 166, 474, 511, 1001, 1002
 book, printing, 1305
 Sieck, D. W., degree, 1248
 Sieferman, R. C., degree, 1395
 Sieg, A. L., degree, 809
 Sieg, D. H., degree, 1400
 Siegbahn, N., appointment, 322, 1164
 Siegel, Betty H., degree, 830
 Siegel, F. P., appointment, 875, 1058
 Siegel, H., degree, 785
 Siegel, Marilyn, degree, 1538
 Siegel, O., degree, 820
 Siegel, S. B., degree, 827
 Siegle, F. E., appointment, 238, 703, 1077, 1083
 declination, 1280
 Siegle, Velma J., degree, 1559
 Sieling, Mrs. Ferne F., appointment, 324, 1162
 Siemer, W. F., degree, 815
 Siemons, E. H., degree, 1239
 Siems, C., contract, 368, 638
 adjustment, 524, 561, 611, 770, 866, 1209, 1265, 1361, 1521
 Sienicki, E. A., degree, 1533
 Siess, C. P., appointment, 124, 730, 958
 Sieve, Nan L., degree, 811
 Sievers, Dorothy J., appointment, 531
 Sifferd, C. S., appointment, 66, 899
 Sifferd, Eunice E., degree, 1536
 Sigalos, P. G., degree, 593
 Sigel, J. D., certificate, 1330
 Sigfusson, B., degree, 595

- Sigler, E. A., certificate, 489
 Siglin, I. S., appointment, 355, 1183
 Sigma Alpha Mu fraternity, property at 805 West Pennsylvania Avenue, sale, 539
 Sigma Delta Chi, gift, 1468
 Sigma Xi, Illinois Chapter, gift, 1212
 Sigmund, E. W., appointment, 695
 degree, 452
 Signatures, delegation of, Board officers, 601, 1404
 Secretary of Board, 4
 Signor, Nelle M., appointment, 168, 185, 1004, 1021
 Sigwalt, Jane L., degree, 592
 Sih, Kwang-Chi, degree, 1532
 Siira, R. R., degree, 799
 Silarski, Lorraine, appointment, 322, 1164
 Silberg, S. S., appointment, 45, 246, 447, 1085
 resignation, 1316
 Silbergeld, S., appointment, 243, 730, 1082, 1380
 resignation, 1502
 Siler, J., degree, 590
 Siler, L. D., appointment, 284, 1120
 Siler, M. E., appointment, 299, 1135
 Silk, H. W., Jr., degree, 821
 Silk, N. M., degree, 821
 Silkett, A. F., appointment, 238, 247, 702, 1077, 1086, 1276, 1457
 Sills, R., appointment, 1188
 Silos, Dairy Science, purchase, 767
 Silva J., appointment, 311, 1148
 Silva, P. C., appointment, 1499
 Silver, Ester G., degree, 590
 Silver, K. June, appointment, 1096
 Silver, L. M., degree, 829
 Silver Creek Coal Co., contract, 1205, 1423
 Silverman, Anne, appointment, 311, 1149
 Silverman, B., appointment, 126, 961, 1381
 declination, 479
 Silverman, Leo, certificate, 1329
 Silverman, Leonard, degree, 1240
 Silverman, M. I., degree, 807
 Silverman, R. J., appointment, 1452, 1528
 degree, 1534
 Silverstein, S., degree, 1396
 Silvertrust, D. A., certificate, 842
 Silvestrini, T. C., degree, 585
 Simandl, R. J., degree, 588
 Sime, J. T., degree, 1239
 Simek, Beverly R., degree, 577
 Simer, P. H., appointment, 201, 1037
 Simerl, L. H., appointment, 95, 118, 928, 951
 Siminoff, P., degree, 781
 Simkin, M., appointment, 354, 1182
 Simkin, Marian, appointment, 10, 1307
 Simkin, W., appointment, 354, 1182
 Simmel, Marianne L., appointment, 211, 1047
 Simmen, D. E., degree, 1549
 Simmons, B. G., degree, 584
 Simmons, Mrs. Betty A., appointment, 1147
 Simmons, Della C., degree, 1238
 Simmons, E. Dolores, appointment, 1112
 Simmons, Earledean V., appointment, 294, 1131
 Simmons, Emily S., appointment, 66, 135, 399
 Simmons, Ida H., appointment, 1381
 degree, 1238
 Simmons, J. R., degree, 807
 Simmons, J. W., appointment, 399
 Simmons, Maxine A., degree, 1249
 Simmons, R. O., fellowship, 1485
 Simmons, W. D., degree, 795
 Simms, H. W., Jr., degree, 584, 1392
 Simms, J. L., fellowship, 1483
 Simms, R. C., degree, 799
 Simms, R. M., degree, 818
 Simoff, A., degree, 1248
 Simon, A. B., appointment, 1478
 degree, 1533
 Simon, Mrs. Charlotte L., appointment, 289, 1126
 Simon, D. M., certificate, 535, 1330
 withheld, 664
 Simon, F. V., degree, 1245
 Simon, Georgia A., degree, 813
 Simon, H. L., degree, 803
 Simon, I. D., degree, 1555
 Simon, J., degree, 824, 1575
 Simon, M., certificate, 1338
 Simon, Robert, degree, 1572
 Simon, Ronald, degree, 818
 Simon, S. S., degree, 590
 Simon, W. P., appointment, 181, 698, 1016, 1454
 cancellation, 1530
 Simonaitis, R. A., degree, 1557
 Simonetti, R. E., degree, 596
 Simonian, M. K., degree, 815
 Simons, Mrs. Barbara, appointment, 1136, 1138
 Simons, R. K., appointment, 511, 946
 Simons, S. S., certificate, 489
 Simonson, E. R., degree, 802
 Simonson, Joan M., degree, 807
 Simonton, W., fellowship, 1484
 Simpson, C. E., degree, 788
 Simpson, Mrs. Elaine C., appointment, 168, 250
 resignation, 684
 Simpson, Elizabeth J., appointment, 399, 531, 692, 982, 985
 Simpson, Frances, appointment, 167, 1003
 Simpson, H. B., degree, 415
 Simpson, J., degree, 1251
 Simpson, J. C., degree, 1248
 Simpson, Margaret A., degree, 1560
 Simpson, R. D., degree, 824, 1575
 Simpson, R. H., appointment, 144, 692, 980, 1447
 Simpson, R. M., certificate, 527
 Simpson, R. R., appointment, 1181
 Simpson, W., certificate, 42
 Simpson, W. S., degree, 581
 Sims, H. J., degree, 1385
 Sims, Mrs. Joyce, appointment, 316, 1153
 Sims, L. C., degree, 799
 Sims, T. E., degree, 407
 Sims, Thelma, appointment, 322, 1164
 Sinai Temple Congregation of Champaign-Urbana, gift, 548, 1211, 1468
 Sinclair, G. M., appointment, 135, 399, 969, 1424
 Sinclair, H. K., degree, 1396
 Sinclair, Mary C., degree, 1550
 Sinclair Refining Co., gift, 549, 1469
 Sineni, R., degree, 598
 Sinex, C. H., degree, 792
 Singbusch, Elsa L., appointment, 294, 1130
 Singbusch, J. R., degree, 810
 Singer, C. E., degree, 1570
 Singer, J. D., appointment, 355, 1183
 Singer, J. R., degree, 821
 Singer, M. B., appointment, 129, 964
 Singer, S., degree, 1391
 Singer, W., degree, 1572
 Singh, H., appointment, 359, 1188
 Singwi, K. S., appointment, 1424
 Sinkiewicz, J. F., degree, 1243
 Sinnamon, G. K., appointment, 125, 675, 959
 Sinissippi Forest Trust Fund, gift, 550, 1213, 1469
 Sinnott, J. W., appointment, 297, 1134
 Sio, Mrs. Dorothy C., appointment, 267
 Sirich, J. B., appointment, 79, 912, 1450
 Siros, B. K., degree, 1393
 Siron, F. K., degree, 815
 Siron, Lois M., degree, 813
 Sirotek, Mary J., fellowship, 1481

- Sirvatka, M. F., degree, 1561
 Sisko, G., degree, 413
 Sisney, Mrs. Josephine L., appointment, 284,
 1120
 Sisson, K. P., degree, 593
 Sisson, R. D., degree, 416
 Sister Madeleine Sophie Goldkamp, degree,
 417
 Sister Mary Agnes Burke, degree, 1238
 Sister Mary Aimée Haulard, degree, 408
 Sister Mary Alphonsa Carpenter, degree, 451
 Sister Mary Basil Hamberry, degree, 407
 Sister Mary Bernard Friess, degree, 415
 Sister Mary Clarice Kappes, degree, 1245
 Sister Mary Cletus Mooney, degree, 1238
 Sister Mary Domitilla Whalen, degree, 1238
 Sister Mary Emma Cleary, degree, 1547
 Sister Mary Gilberta Kennedy, degree, 1541
 Sister Mary Monica Ross, degree, 415
 Sister Mary Ricarda Mahoney, degree, 413
 Sister Rosina Clare Schmidt, degree, 1238
 Sister Thomas Aquinas Winterbauer, degree,
 413
 Sistler, D. E., degree, 417
 Sitzler, J. D., degree, 1551
 Sitzler, Jo Ann R., degree, 813
 Siu, M. C. L., degree, 809
 Sivertsen, J. M., appointment, 1499
 degree, 1391
 Siville, W. F., degree, 813
 Siwy, W. J., certificate, 42
 Sizer, Mrs. Wylma K., appointment, 1124
 Sjunnesson, Rita, degree, 813
 Skadden, D. H., appointment, 399, 690, 975
 certificate, 42
 Skadeland, H. M., appointment, 45, 247, 399,
 702, 1086, 1424, 1457
 Skallerup, H. R., degree, 1397
 Skarda, J. J., Jr., degree, 589
 Skarda, R. E., degree, 822, 1571
 Skeen, J. R., degree, 1387
 Skeen, Nancy N., degree, 408
 Skidmore, D. R., degree, 579
 Skidmore, Owings, and Merrill, architectural
 services, residence halls expansion, 367,
 379, 541
 additional services, payment, 1301
 gift, 548, 1211
 Skiles, D. O., degree, 1555
 Skin heater, patent rights, release, 458
 Skinner, Laila, appointment, 9, 1307
 Skizas, G., degree, 1236
 Sklansky, M. A., appointment, 1315
 Skoff, F. J., degree, 452
 Skogen, Mrs. Clara S., appointment, 242,
 1081, 1457
 Skogsberg, R. E., degree, 1552
 Skok, J., appointment, 112
 resignation, 405
 Skoll, J. A., certificate, 842
 Skolly, M. H., degree, 1562
 Skolnick, Ruth, degree, 1559
 Skolnick, S. L., degree, 594
 Skolnik, E. M., appointment, 207, 447, 571,
 1043, 1074
 Skom, J. H., degree, 1570
 fellowship, 731
 Skomajsa, J. W., degree, 588
 Skoner, R. C., certificate, 1329
 Skoniecke, L. J., degree, 1577
 Skorupa, Emily A., appointment, 11, 1308
 Skoulund, Q. F., degree, 829
 Skroder, C. E., appointment, 126, 693, 960,
 1449
 Slabodkin, A., certificate, 842
 Slack, Mrs. Harriett H. D., appointment,
 1220
 Slack, J., Jr., degree, 820
 Slack, N. L., degree, 1549, 1551
 Sladek, Mrs. Adeline, appointment, 334, 1169
 Sladek, T. E., degree, 1553
 Sladek, W. R., appointment, 355
 Slakis, A. J., degree, 424
 Slaney, D. K., degree, 1553
 Slater, C. P., appointment, 259, 1095
 Slaughter, D. P., appointment, 212, 213, 227,
 1049, 1064
 Slaughter, Mrs. Melba M., appointment, 275
 Slavens, Mrs. Harriet D., appointment, 258,
 1094
 Slavens, Mrs. Lillian A., appointment, 290,
 1126
 Slavik, J. J., Jr., degree, 815
 Slaymaker, Beverly, appointment, 1165
 Sledd, Carolyn, degree, 807
 Slepicka, Bertha, appointment, 10, 1308
 Slepyan, A. H., appointment, 352, 1180
 Slezak, J., member of advisory committee, 36
 Stichter, C. P., appointment, 132, 967
 Slife, F. W., appointment, 100, 933
 degree, 1533
 Slifer, D. E., degree, 585
 Slifkin, L. M., appointment, 133, 968
 Slivnick, M., degree, 823
 Sloan, G. H., degree, 1548
 Sloan, G. R., appointment, 281
 Sloan, L. H., appointment, 353, 1181
 Sloan, Marian, appointment, 309, 1145
 Sloan, R. W., degree, 583
 Slobodin, H., appointment, 362, 1191
 Slocum, R. B., appointment, 1229
 Slocum, W. M., certificate, 1329
 Sloman, R. M., degree, 799
 Sloman, Sophie S., appointment, 203, 361, 511,
 1190
 Slomanski, Mimi D., appointment, 1189
 Sloss, J. H., appointment, 399
 Sota, E., appointment, 326, 1167
 Slothower, W. R., appointment, 399, 981
 Slott, L., appointment, 355, 1183
 Slotwick, I. E., certificate, 1329
 Slow, Christina A., degree, 590
 Sluder, E. E., degree, 413
 Sluder, Hazel I., degree, 413
 Sluka, Dorothy, appointment, 309
 Slusser, G. D., degree, 808
 Slutsky, H., degree, 1243
 Sly, T. S., degree, 797
 Smagacz, E. J., degree, 1556
 Smajd, C. F., degree, 1393
 Small, E. L., degree, 1560
 Small, Helen D., appointment, 296, 1132
 Small, Jessie, appointment, 10, 1307
 Small, Leta J., degree, 1560
 Smalley, J. G., degree, 1239
 Smalley, W. L., appointment, 399
 Small Homes Council, appropriations, balances
 reappropriated, 38, 39
 budget, 180, 294, 1015, 1130
 director, appointment, 843
 field trial laboratory, contract, 1518
 flexible laboratory dwelling, construction,
 contract, 863
 housing research project, drives, surfacing,
 contract, 26
 flues and chimneys, contract, 1344
 inclusion in Urbana Park District, 1419
 sidewalks, construction, contract, 436
 publications revolving account, 180, 294,
 1016, 1130
 research projects, basement and foundation
 structures, construction, contract, 475
 concrete floor slabs, construction, contract,
 437
 time and material studies, funds, gift,
 550
 unit-planned houses, pamphlet, printing, 467,
 558
 Smallman, J. E., degree, 815
 Smart, S. L., degree, 827
 Smarzo, Marjorie M., appointment, 65, 898
 Smason, E. A., degree, 1251
 Smedley, Vivian, appointment, 10, 1308

- Smedsvik, Sicily A., degree, 784
 Smerdel, M. T., degree, 424, 1246
 Smerkins, H., certificate, 489
 Smetko, E. M., degree, 1397
 Smilanik, Mary J. D., degree, 1399
 Smiley, A. G., degree, 788
 Smiley, E. J., degree, 788
 Smiley, J. E., degree, 587
 Smiley, J. R., appointment, 77, 135, 399, 910, 1358, 1450
 Smiley, Mrs. Jean N., appointment, 1132
 Smiley, W. A., Jr., degree, 1286
 Smisson, E. E., appointment, 1292
 Smith, Albert A., degree, 821
 Smith, Alfred A., degree, 424
 Smith, A. W., appointment, 177, 511, 775
 resignation, 778
 Smith, Mrs. Alice R., appointment, 1099
 Smith, Ann P., appointment, 309, 1146
 Smith, Audrey E., appointment, 1124
 Smith, B., appointment, 126, 875, 961
 declination, 1234
 Smith, B. A., degree, 794
 Smith, B. G., degree, 801
 Smith, B. O., appointment, 144, 692, 980, 1447
 Smith, Barbara, degree, 1400
 Smith, Betty M., degree, 596
 Smith, Beverly A., degree, 817
 Smith, C. A., degree, 813
 Smith, C. D., appointment, 92, 925
 degree, 413
 Smith, C. E., Jr., degree, 1246
 Smith, C. M., degree, 824
 Smith, C. O., appointment, 357, 1185
 Smith, C. Opal, appointment, 270, 1106
 Smith, C. R., certificate, 1329
 Smith, C. W., appointment, 283, 1120
 Smith, Clara E., appointment, 308, 1144
 Smith, Dean A., degree, 814
 Smith, Donald A., degree, 1250
 Smith, Dean B., degree, 827
 Smith, Douglas B., appointment, 142
 resignation, 1234
 Smith, D. F., degree, 803
 Smith, D. I., degree, 820
 Smith, D. L., degree, 1287
 Smith, David R., degree, 1566
 Smith, Don R., degree, 1563
 Smith, D. T., degree, 1400
 Smith, Donald Webb, degree, 804
 Smith, Donald Wilson, appointment, 447, 1011
 Smith, Dawn E., certificate, 489
 Smith, Delores J., degree, 1564
 Smith, E., degree, 1553
 Smith, E. B., degree, 1536
 Smith, E. Evelyn, appointment, 108, 942
 Smith, E. G., appointment, 255, 1092
 authority to sign name of Secretary of
 Board, 444, 602, 858, 1405
 Smith, E. J., appointment, 260, 1096
 Smith, E. R., appointment, 276, 1096
 Smith, Eleanor, appointment, 8
 Smith, Elizabeth J., appointment, 364
 Smith, Mrs. Elizabeth T., appointment, 988
 declination, 1234
 Smith, Mrs. Elizabeth W., appointment, 295, 1132
 Smith, Mrs. Ellen, appointment, 295, 1131
 Smith, Evelyn, appointment, 323, 1165
 Smith, F. A., Lumher Co., purchase, 838
 Smith, F. B., appointment, 299, 1135
 Smith, F. L., degree, 822
 Smith, Frances R., appointment, 1093
 Smith, G. D., degree, 424
 Smith, G. F., appointment, 72, 905
 Smith, G. M., Jr., degree, 815
 Smith, Gerald W., degree, 1559
 Smith, Guy W., degree, 811
 Smith, G. Y., degree, 804
 Smith, Georgina M., degree, 414
 Smith, H., Jr., degree, 1247
 Smith, H. D., degree, 1556
 Smith, Harold E., appointment, 357, 1185
 Smith, Harry E., degree, 1541
 Smith, H. H., degree, 799
 Smith, H. J., degree, 1243
 Smith, Hampton M., degree, 410
 Smith, Hobart M., appointment, 87, 701, 921
 Smith, Helen L., appointment, 170, 1005
 authority to sign name of Secretary of
 Board, 4, 602
 See also Sutherland, Mrs. Helen S.
 Smith, Mrs. Helen T., appointment, 1098
 Smith, Ida, appointment, 317, 1155
 Smith, Irene, appointment, 326, 1168
 Smith, J. B., appointment, 176, 1012
 termination, 1280
 Smith, James Hammond, appointment, 447, 967
 Smith, James Henry, degree, 1282
 Smith, John H., degree, 786
 Smith, J. J., appointment, 1129
 Smith, J. O., appointment, 133, 511, 968, 1456
 Smith, J. P., Jr., degree, 797
 Smith, J. W., degree, 421
 Smith, J. W., Jr., degree, 811
 Smith, Janice M., appointment, 108, 942
 Smith, K., appointment, 339, 1172
 Smith, K. T., member of advisory committee, 1194
 Smith, K. W., appointment, 300, 1136
 Smith, Mrs. Keo G., appointment, 222, 1058
 Smith, L. C., Jr., degree, 596
 Smith, Larry E., degree, 1389
 Smith, Luther E., degree, 407
 Smith, L. H., degree, 815
 Smith, LeRoy J., degree, 803, 1542
 Smith, Lyman J., appointment, 1229
 Smith, L. M., degree, 807
 Smith, L. P., degree, 585
 Smith, L. R., appointment, 1350
 Smith, Mrs. Laura E., appointment, 263, 1099
 Smith, Lois L., degree, 813
 Smith, Marion, appointment, 329, 1170
 Smith, Max, degree, 424
 Smith, Murray, degree, 1399
 Smith, M. E., degree, 827
 fellowship, 1501
 Smith, M. F., degree, 594
 Smith, Marjorie L., degree, 1575
 Smith, Mary E., appointment, 324
 Smith, Mrs. Mavis G., appointment, 296
 Smith, May, appointment, 184, 1019
 Smith, N., fellowship, 1484
 Smith, N. B., degree, 809, 1557
 Smith, N. D., Jr., degree, 420
 Smith, N. E., degree, 799
 Smith, Mrs. Norma A., appointment, 276
 Smith, Mrs. Oleda B., appointment, 263, 1099
 Smith, P. A., degree, 788
 Smith, P. D., degree, 1542
 Smith, P. E., degree, 791
 Smith, P. L., degree, 1398
 Smith, Richard A., degree, 786
 Smith, Roger A., degree, 1565
 Smith, R. C., degree, 1566
 Smith, R. D., appointment, 1138
 Smith, Ralph E., degree, 1391
 Smith, Richard Ebbert, appointment, 279, 1116
 Smith, Richard Eugene, degree, 811
 Smith, Ralph F., degree, 577
 Smith, Richard F., degree, 796
 Smith, R. G., degree, 829
 Smith, R. J., appointment, 153, 988
 Smith, R. K., degree, 1395
 Smith, Robert M., appointment, 278, 1115
 Smith, Roland M., appointment, 75, 693, 908, 1449
 Smith, Raymond S., appointment, 98, 932
 Smith, Robert S., degree, 792
 Smith, R. W., degree, 1568
 Smith, S. B., appointment, 246, 1085

- Smith, S. C., appointment, 61, 894
 Smith, S. E., degree, 584
 Smith, Sigal L., appointment, 282, 1118
 Smith, Steven L., degree, 822
 Smith, Shirley J., degree, 1555
 Smith, Suzanne M., degree, 1398
 Smith, Mrs. Sybil A., appointment, 297, 1133
 Smith, T., appointment, 1187
 Smith, T. E., degree, 808
 Smith, T. K., degree, 1287
 Smith, T. P., degree, 413
 Smith, Mrs. Thelma G., appointment, 317, 1155
 Smith, V. H., appointment, 1191
 resignation, 1353
 Smith, Virginia A., appointment, 308, 1144
 Smith, William Channing, fellowship, 1501
 Smith, William Coulbourn, degree, 803, 1552
 Smith, William E., appointment, 690
 Smith, Willis E., degree, 583
 Smith, W. G., fellowship, 1481
 declination, 1487
 Smith, W. Hayden, appointment, 280, 1116
 Smith, W. Horn, degree, 453
 Smith, W. J., degree, 1243
 Smith, W. K., Jr., degree, 598
 Smith, Warren R., appointment, 272, 1108
 Smith, Willie R., Jr., degree, 583
 Smith, Mrs. Wanda M., appointment, 303
 Smith, Kline, & French Laboratories, contract, 1264
 gift, 553, 1472
 Smitha, R. C., degree, 595
 Smithers, P. L., III, appointment, 399, 1079
 Smith-Lever Fund, budget, 118, 276, 951
 Smith Music Hall, acoustical treatment, contract, 658
 remodeling, appropriations, balances reappropriated, 38
 Smittle, Mrs. Betty J., appointment, 1096
 Smock, Mrs. Pauline S., appointment, 257
 Smolenski, S. J., fellowship, 1352
 Smoot, R. L., degree, 1553
 Smoot, Ruth L., degree, 1551
 Smotherman, Dolly J. G., degree, 590
 Smotrys, Irene, appointment, 307, 1144
 Smucker, A. A., degree, 580
 Smutney, R. R., degree, 808
 Smyth, C. J., degree, 1286
 Smythe, D. W., appointment, 140, 166, 976, 1001
 leave of absence, 779
 Smythe, J. E., degree, 408
 Snack bar, Airport, lease, 1464
 Snader, D. W., appointment, 148, 985
 leave of absence, 879
 Snapp, K. M., degree, 792
 Snapp, R. R., appointment, 102, 935
 Snarr, J. W., degree, 805
 Snavley, J. B., degree, 1549
 Snedeker, Mrs. Amelia, appointment, 320
 Sneed, H. E., degree, 414
 Sneen, R. A., fellowship, 1501
 Snell, L. J., appointment, 696
 degree, 1282
 Snellenberg, Ruth H., appointment, 330, 1172
 Snetsinger, D. C., degree, 1549
 Snetsinger, R. J., degree, 1393
 Sneyd, J. M., degree, 1245
 Snider, C. F., appointment, 82, 698, 915
 Snider, C. J., degree, 1569
 Snider, H. J., appointment, 99, 933
 Snitman, M. F., appointment, 207, 1043
 Snitovsky, Jean, degree, 592
 Snodgrass, D. B., degree, 1390
 Snodgrass, Mrs. Peggy R., appointment, 1133
 Smoke, Barbara J., appointment, 11, 1308
 Snow, B. C., Jr., degree, 1540
 Snow, Jane N., degree, 793
 Snowden, J. R., appointment, 134, 701, 969
 degree, 410
 Snowden, M. S., appointment, 1276
 Snyder, D., appointment, 358, 1186
 Snyder, Chadwell, and Fagerburg, legal services, Blackburn case, payment, 435
 Kenny Case, payment, 1258
 Snyder, D. F., degree, 595
 Snyder, Doris J., degree, 1546
 Snyder, E. H., degree, 1548
 Snyder, H. R., appointment, 72, 690, 905
 research, funds, gift, 1469
 Snyder, J. M., degree, 1388
 Snyder, J. N., appointment, 132, 698, 967, 1453
 Snyder, Marilyn J., degree, 807
 Snyder, R., degree, 582
 Snyder, R. A., degree, 423, 795
 Snyder, R. E., appointment, 247, 1086
 leave of absence, 647
 Soap, Chicago General Stores, purchase, 670
 Sobel, J. H., degree, 814
 Soble, R. N., degree, 808
 Soboroff, B. J., appointment, 359, 875, 1043
 Sobota, C. F., degree, 592
 Sobota, T. J., degree, 1399
 Sobotka, F. J., Jr., certificate, 1329
 Sobotka, Mrs. Frances F., appointment, 77, 910
 Social Sciences, Chicago Undergraduate Division, budget, 244, 332, 1083, 1174
 summer session, 703, 1458
 Social Science Studies, printing, 468
 Social Service, Research and Educational Hospitals, budget, 230, 323, 1069, 1166
 Social Studies, fellows, 1486
 Social Welfare Administration, Division of, appropriations, balances reappropriated, 38
 budget, Chicago Professional Colleges, 224, 315
 Urbana, 181, 294
 summer session, 698
 fellows, 682
 name, change, 844
 See also Social Work, School of.
 Social Work, School of, appropriation, balance reappropriated, 1197
 budget, 1016, 1061, 1131, 1153
 summer session, 1454
 building at 1204 West Oregon Street, remodeling, appropriation, 1339
 name, 844
 See also Social Welfare Administration.
 Sociology and Anthropology, appropriations, balances reappropriated, 37, 1197
 budget, 84, 267, 918, 1103
 summer session, 699, 1454
 fellows, 682, 1486
 Socol, J., certificate, 489
 Socony-Vacuum Laboratories, gift, 1212, 1469
 Soderstrum, W. K., degree, 1551
 Soe, M., degree, 1536
 Soellner, R., degree, 1238
 fellowship, 679, 1483
 Soelzer, R. F., degree, 1556
 Soffin, A. L., degree, 1555
 Soffin, Leila B., degree, 1560
 Sohl, Mrs. Dorothy J., appointment, 261, 1098
 Sohl, N. F., appointment, 1450
 declination, 1530
 degree, 1244
 Soil, use of chemical nitrogen, study, contract, change, 1344
 Soil and water engineering equipment, Agriculture, appropriation, 521
 Soil exploration and mapping, study, contract, 1207
 Soil maps, Menard County, purchase, 1305
 Soils, advisory committee, 1194
 Soil Testing Revolving Account, budget, 101, 935
 Sokatch, J. T., degree, 1539
 Sokol, A., degree, 1401
 Sokoloff, B. A., appointment, 1381

- Sokoloff, Mrs. Gladys F., appointment, 283, 1119
 Sokoloff, Iris, appointment, 1381
 Sokolov, Mrs. Irene M., appointment, 1132
 Sokolowski, Ophia M., degree, 413
 Sokolsky, I., appointment, 360
 Sola, J. M., degree, 801
 Solar, F. C., degree, 1561
 Solem, Lois M., degree, 1560
 Solem, R. J., degree, 803
 Soliday, E. W., degree, 1563
 Soling, J., degree, 596
 Sollitt, S. S., Construction Co., contract, 1414
 addition, 371, 545, 660
 Solomon, R. E., appointment, 1096
 Solomon, A. P., appointment, 361, 1190
 Solomon, H. D., degree, 1399
 Solomon, Janice C., degree, 808
 Solomon, L. N., resignation, 646
 Solomon, Mrs. Olive P., appointment, 268
 Solomon, W. H., appointment, 272
 Solon, Anne J., degree, 807
 Soltan, J., degree, 1400
 Solubility of boiler waters, study, contract, change, 1417
 Solus, Eleanor R., degree, 823
 Solyom, P., Jr., degree, 829
 Somers, L. A., appointment, 112, 120, 945, 953
 Somers, Mary G., degree, 1240
 Somers, P. P., appointment, 105, 939
 Somers, Therese, degree, 407
 Sommer, F. H., certificate, 1338
 Sommer, J. D., degree, 588
 Sommer, Nancy W., degree, 1398
 Sommer, W. A., degree, 1394
 Sommers, Jeanne C., degree, 807
 Sonder, E., degree, 1246
 Sonenthal, I. R., appointment, 361, 1190
 Song, P., degree, 1249
 Songer, E. L., degree, 581
 Songer Chevrolet Sales, purchase, 31
 Sonnenschein, C. L., appointment, 130, 964
 declination, 1234
 Sonnenschein, R., appointment, 212, 730, 1048
 declination, 1234
 Sonopol, Anne, degree, 1564
 Sons of Union Veterans of the Civil War, gift, 1211
 Soper, H. E., degree, 1243
 Sorensen, D. E., degree, 1240
 Sorensen, G., degree, 589
 Sorensen, G. E., gift, 1471
 Sorenson, Mrs. H. Lynn, appointment, 280
 Sorenson, Marie, appointment, 317, 1155
 Sortini, A. J., degree, 787
 Sortor, H. E., certificate, 1329
 degree, 417
 Sosin, A., degree, 416
 Sosin, Mrs. Dorothy S., appointment, 293
 Sosin, M. P., degree, 817
 Sostock, D. A., degree, 1559
 Soteropoulos, J., degree, 807
 Sotka, F. A., degree, 1243
 Sotrop, E. J., degree, 827
 Soucek, Mrs. Grace, appointment, 305, 1141
 Souder, R. S., degree, 417
 Sound projectors, Physical Plant, purchase, 558
 Southard, C. W., degree, 1547
 Southard, G. A., Jr., degree, 594
 Southard, J. E., degree, 824, 1575
 Southard, Mabel R., degree, 800
 Southard, W. H., appointment, 399, 1058, 1276
 Southern California Edison, stock, sale, 834
 Southern Natural Gas, stock, purchase, 835
 South Farm, equipment, appropriation, 1512
 service building, purchase, 1343
 Southwick, H. W., appointment, 363, 1192, 1351
 Sove, R. B., degree, 814
 Sowa, P. Y., degree, 1555
 Sowards, G. W., appointment, 875, 981, 1179, 1448
 Sowers, J. A., appointment, 298, 1134
 Sowers, J. J., degree, 593
 Sowman, H. G., degree, 781
 Soybean oil meal, protein value, study, contract, 668
 Soybeans, loss from hail damage, study, contract, change, 1208
 Sozen, M. A., degree, 1540
 Spacher, Lorraine, appointment, 319, 1158
 Spadaro, Constance, appointment, 309, 1146
 Spadavecchio, V., degree, 818
 Spaeth, J. N., appointment, 107, 940
 Spaeth, R., appointment, 208, 1045
 Spafford, Marjorie E., degree, 1555
 Spak, D. D., degree, 1555
 Spalding, R. C., degree, 1559
 Spalding, W. B., appointment, 143, 979
 resignation, 1522
 Spale, Norma A., degree, 592
 Spangler, H. J., degree, 424
 Spanish and Italian, budget, 85, 267, 919, 1104
 summer session, 699, 1454
 fellows, 682, 1486
 Spannenberg, E. J., degree, 820
 Spanton, C. L., degree, 1548
 Sparge, Mrs. Gladys, appointment, 333, 1175
 Sparks, J., Jr., degree, 1536
 Sparks, John Carston, degree, 1572
 Sparks, John Commodore, degree, 585
 Sparks, M. E., degree, 1549
 fellowship, 1479
 Sparks, M. L., Jr., degree, 823
 Sparks, Q. V., degree, 1549
 Sparks, Mrs. Ruth, appointment, 281, 1117
 Sparr, R. G., degree, 816
 Spata, A., degree, 590
 Spaulding, A. J., degree, 807
 Spaulding, H. H., Jr., degree, 1239
 Spear, C. D., degree, 1565
 Spears, H. A., degree, 424
 Specht, W. K., degree, 1568
 Specialized Instrument Corp., purchase, 500, 1416
 Spectrograph, Agronomy, purchase, 375
 Spectrographic equipment, Agronomy, appropriation, 435
 Chemistry, purchase, 613
 Spectrometer, purchase, Chemistry, 502, 564
 Electrical Engineering, 710
 Spectrophotometers, Biological Chemistry, appropriation, 366
 purchase, Applied Materia Medica and Therapeutics, 852
 Biological Chemistry, 440, 434
 Chemistry, 854
 Entomology, 500
 Food Technology, 612
 Home Economics, 30
 Pediatrics, 852
 Research and Educational Hospitals, 30
 Speech, budget, 86, 267, 919, 1104
 summer session, 699, 1455
 fellows, 682, 1486
 fellowship, gift, Zeta Phi Eta, 1212
 revolving account, 87, 920
 Speech Clinic, appropriations, balances reappropriated, 37
 remodeling, appropriation, 611
 Speech clinics, Division of Services for Crippled Children, contracts, authority to execute, 1494
 Speed, Angela W., degree, 784
 Speed, K., appointment, 362, 1191
 Speedway Wrecking Co., contract, 1204
 prevailing wage rates, schedule, 1205

- Speer, J. F., appointment, 76
 declination, 449
 Speer, Marian J., degree, 1543
 Speer, R., appointment, 1141
 Speer, R. L., degree, 585
 Spehn, R. J., degree, 807
 Spiegel, I. J., appointment, 356, 1184
 Spellberg, M. A., appointment, 354, 1182,
 1315
 Spence, G., appointment, 358
 Spence, J. M., appointment, 219, 511, 1055
 Spencer, C. W., degree, 1400
 Spencer, E., appointment, 271, 1107
 Spencer, E. D., degree, 827
 Spencer, G. T., degree, 1249
 Spencer, Mrs. Grace L., appointment, 304
 Spencer, K. F., degree, 815
 Spencer, Mary, appointment, 8
 Spencer, T. J., degree, 818
 Spencer, W. F., degree, 410, 1384
 Spencer Chemical Co., contract, change, 610,
 1344
 Spengler, E. P., Jr., degree, 1401
 Spengler, J. J., appointment, 1478
 Spengler, Lorraine M., degree, 1396
 Speranza, G. P., degree, 782
 Spengel, Bertha J., degree, 1547
 Spengel, I. A., degree, 1547
 fellowship, 777
 Sperry, C. A., degree, 822, 1571
 Sperry, D. A., degree, 451
 Spesard, S. R., degree, 1568
 Spivacek, J. F., certificate, 489
 Spicer, J. O., degree, 1572
 Spiegel, E. H., degree, 827
 Spiegel, Sally A., degree, 1396
 Spiegelman, S., appointment, 71, 689, 903,
 1445
 Spiekerman, R. E., degree, 807
 Spierling, H. C., appointment, 1351
 degree, 1394
 Spiers, LaVonne, degree, 785
 Spies, H. W., appointment, 1381
 Spiesman, I. G., appointment, 359, 1187
 Spiewak, Mildred, fellowship, 682
 declination, 732
 Spille, D. F., degree, 1555
 Spinka, H. M., appointment, 352, 1181
 Spinozzi, G. J., degree, 1563
 Spirakis, C. N., appointment, 1276, 1478
 Spires, W. E., degree, 804
 Spirito, F. C., degree, 829
 Spiro, Barbara, appointment, 531, 1186
 Spiroff, C. M., degree, 589
 Spirothiobarbiturates, clinical evaluation, re-
 search, gift, 552
 Spitler, J. C., appointment, 92, 925
 Spittler, Lulu P. R., degree, 1250
 Spitz, C. S., appointment, 272, 1108
 Spitz, J. R., degree, 1247
 Spitz, Mrs. Mary K., appointment, 290, 1126
 Spitze, O., member of advisory committee,
 1195
 Spivack, J. L., appointment, 363, 1192
 Spivey, C., appointment, 140, 690, 975
 Spivey, W. E., degree, 817
 Spiwak, J., degree, 1396
 Spomer, W. C., degree, 797
 Spongberg, F., appointment, 312, 1149
 Spooner, W. T., 818
 Spradling, P. A., appointment, 167, 289, 1002,
 1125
 resignation, 1234
 Sprague, M. A., appointment, 154, 689, 989
 Sprague, R. E., degree, 822, 1571
 Spray research, contract, 1206
 gift, 1213
 Spreche, Florence E., appointment, 272, 1108
 Spretnjak, S. A., degree, 419
 Spriggs, H. R., appointment, 221
 degree, 830
 Spring, R. F., degree, 1544
 fellowship, 681
 Springborn, R. C., degree, 809
 Springer, C. H., appointment, 128, 962
 leave of absence, 604
 Springer, J. A., degree, 1549
 Springer, K., appointment, 359, 1188
 Springer, Lorna V., degree, 1551
 Springer, Thelma, degree, 1396
 Springfield Avenue, property at 601 East,
 purchase, 349
 Sproat, R. A., appointment, 125, 571
 degree, 580
 Sproul, June H., degree, 1559
 Sproull, R. L., appointment, 875
 Sprow, A. J., appointment, 1229
 Sprow, Mrs. Clementine, appointment, 1130
 Spungen, K. M., degree, 797
 Spungen, L. W., degree, 804
 Square Deal Electric, bid, 1519
 contract, 26, 368, 493
 addition, 495, 609
 adjustments, 33, 441, 469, 524, 561, 611,
 669, 713, 770, 866, 1209, 1328, 1361,
 1465
 Squibb, E. R., & Sons, contract, 33
 gift, 553, 1215
 Squire, F. H., appointment, 213, 1191, 1229
 Sreebny, L. M., appointment, 217, 675, 1053
 fellowship, 448
 Staack, J. A., member of advisory committee,
 1195
 Staack, Katherine A., degree, 1543
 fellowship, 680
 Staar, F., & Sons, Inc., contract, 1327
 Staben, M. E., degree, 588
 Stablain, P. R., degree, 1398
 Stabler, R. N., degree, 822
 Stabnow, Eunice, resignation, 405
 Stachowski, H. J., degree, 801
 Stack, T. N., fellowship, 676
 Stadelman, Johanna, appointment, 311
 Stadium Terrace, coke, purchase, 853
 road and walk improvements, contract, 864
 Stady, Muriel F., degree, 408
 Staff, salary and wage increases, appropri-
 ations, request, 385
 Staff Apartment Building in Chicago, builders'
 risk insurance, purchase, 1494
 construction budget, revisions, 442
 construction fund account, authority for
 withdrawals, 666
 contract, electrical work, 650, 1312
 electric service, 1264
 elevators, 650, 1312
 general work, 650, 1312
 heating, 650, 1312
 plumbing, 650, 1312
 roofing and sheet metal work, 1264
 ventilating, 650, 1312
 electric ranges, purchase, 1494
 refrigerators, purchase, 1494
 site, clearance, 657
 Staffeld, B. C., Jr., degree, 1559
 Staff insurance, budget, 61, 894
 Stafford, C. R., appointment, 151, 985
 degree, 413
 Stafford, E. E., appointment, 63, 896
 Stafford, G. T., appointment, 147, 159, 174,
 697, 994, 1009
 leave of absence, 1334, 1408
 Stafford, S. M., degree, 814
 Stafford, Wilma C., appointment, 364, 1193
 Staggs, D. W., degree, 1394
 Stagner, R., appointment, 83, 178, 916, 1014
 Stagner, Rhea, degree, 807
 Stahl, Zoraly N., degree, 1396
 Stahlberg, V. E., degree, 1555
 Stahlheber, B. L., degree, 1552
 Stahly, E. A., degree, 1549
 Stahnke, Mrs. Beryl B., appointment, 285

- Stairways, Dentistry-Medicine-Pharmacy Building, contract, 1264
- Staley, A. E., Manufacturing Co., contract, change, 1344
- Staley, J. E., degree, 425
- Staley, S. C., appointment, 158, 159, 993
- Stalion, J. T., appointment, 333, 1166
- Stallings, R. L., Jr., appointment, 1229
declination, 1316
- Stallmeyer, J. E., appointment, 531, 675, 959
fellowship, 402
- Stallsworth, W. R., degree, 598
- Stamm, A. M., certificate, 42
- Stamm, Marjorie A., degree, 590
- Stamps, F. W., appointment, 212, 1041, 1276
- Standard Air Co., purchase, 483
- Standard Asbestos Manufacturing Co., contract, change, 640
purchase, 767
- Standard Brands, Inc., contract, change, 1208
- Fleischmann Laboratories, contract, 378
- Standard Insurance Co., of New York, insurance, purchase, 1494
- Standard Oil Co., contract, change, 1208
- Standard Oil Co. of California, gift, 549, 1212
- Standard Oil Co. of Indiana, contract, 33
gift, 1469
- Standard Oil Co. of Ohio, gift, 1212
- Staneke, F. J., appointment, 134, 875, 969
- Stanfield, Christine, appointment, 875, 1019
degree, 1245
- Stanfield, Rachel E., degree, 1536
- Stange, C. M., degree, 1561
- Stange, H. A., degree, 594
- Stangeland, R. E., degree, 808
- Stanich, E. G., degree, 1577
- Stanislavsky, D. S., degree, 1549
- Stanislavsky, Hazel W., degree, 1560
- Stanley, Mrs. Barbara A., appointment, 293
- Stanley, Constance D., degree, 1398
- Stanley, Ellen L., appointment, 696
- Stanley, J. T., degree, 1553
- Stanley, J. W., degree, 811
- Stanley, L. E., degree, 1568
- Stanley, R. E., degree, 1564
- Stanley, W. O., Jr., appointment, 145, 692,
980, 1448, 1499
- Stanner, Mrs. Evelyn S., appointment, 294,
1131
- Stanton, Claire, appointment, 314, 1151
- Stanton, G. T., appointment, 211
resignation, 732
- Stanwyck, P. J., certificate, 489
- Staples, W. R., degree, 454
- Stapleton, J. R., degree, 1396
- Stapleton, T. F., Jr., certificate, 42
- Staplin, F. L., fellowship, 1483
- Staran, Jill P., degree, 807
- Starcher, Helen, appointment, 1098
- Starck, Betty J., appointment, 264, 1100
- Star counts, study, contract, 378
- Star Course, scholarships, gift, 1211
- Stark, M., insurance, purchase, 1494, 1495
- Stark, W. H., degree, 588
- Starkey, Mrs. Amy, appointment, 295, 1131
- Starkey, Mrs. Merce E., appointment, 294
- Starkie, Mrs. Evangeline W., appointment,
1166
- Starkman, N., appointment, 362, 1191
- Starks, Mary D., degree, 1541
- Starman, C. V., degree, 419
- Starr, B. A., certificate, 842
- Starr, C. G., appointment, 79, 912, 1450
- Starr, C. J., appointment, 129, 964
- Starr, Eunice, appointment, 307
- Starr, J. R., appointment, 1158
- Starr, L. A., appointment, 157, 991, 992
- Starr, Sally, appointment, 322
- Starwalt, O. C., appointment, 272, 1108
- Stasiuk, Annabelle, degree, 829
- Stastny, Dorothy, appointment, 315, 1152
- Stastny, G. L., degree, 822, 1571
- State Agricultural Extension, budget, 116,
276, 950, 1112
- State auditor, additional powers, legislation,
proposed, 717
- State Board of Higher Education, proposed,
716
- State Department, services of Carroll L.
Birch, 841
- State Department of Aeronautics, airport im-
provements, contract, 838
grant offer, acceptance, 858
funds for airport improvements, agency and
participation agreement, 640
- State Department of Public Welfare, Illinois
Neuropsychiatric Institute, operation,
transferred to University, 860
- Illinois Psychopathic Institute, operation,
policy and procedure, 860
- Stateler, C. J., degree, 807
- Stateler, F. W., appointment, 298, 1134
- State Natural History Survey, research, gift,
1213
- State of Illinois Building, space, lease, 866
- State of the University, period 1946 to 1950,
President's report, 381
- State Water Survey, building, name, 36
- Quonset building, electrical work, 1416
interior construction, 1416
purchase, 1416
rain gauge, purchase, 1521
- Stathis, A. W., degree, 801
- Stathopoulos, S. L., degree, 829
- Station wagon, purchase, Institute of Avia-
tion, 837
Physical Plant, 343, 671, 1305
- Statistical Service Unit, appropriations, bal-
ances reappropriated, 37
budget, 61, 256, 893, 1093
- Statler, Shirley S., degree, 582
- Statutes, amendment, approval of University
contracts, 1255
authorization of purchases, 851
contracts for housing, 380
- Statzer, D. E., degree, 824, 1575
- Staub, A., appointment, 73
declination, 405
- Staubus, G. J., certificate, 42
- Stauffer, Irene B., appointment, 328, 1170
- Stauffer, R. S., appointment, 99, 933
- Staugas, Mrs. Catherine J., appointment, 283
- Staugas, L. A., appointment, 1093
- Staugas, L. W., appointment, 179, 511
resignation, 732
- Stauthammer, Joyce A., degree, 590
- Stayton, D. B., appointment, 304, 1140
- Stayton, T. R., appointment, 300, 1136
- Steadman, Mrs. Frances, appointment, 324
- Steadman, M. G., appointment, 360
- Steam and water heating, study, contract,
change, 1306
- Steam plant, Chicago Professional Colleges,
appropriation, addition, request, 383
release of funds, 519
- Steam service piping, contract, Agricultural
Engineering Research Laboratory, 1496
- Animal Sciences Laboratory, 339
- Men's Residence Halls Addition, 1496
- Steam tunnel, piping, contract, 658
- Stearn, K. B., degree, 829
- Stearnes Co., contract, 1290
addition, 707
change, 640
- Stearns, B. K., degree, 1240
- Stearns, Mrs. Barbara J., appointment, 1131
- Stearns, R. P., appointment, 79, 695, 912
- Stebbins, Norma J., appointment, 321
- Stec, Constance, appointment, 1170
- Steck, I. E., appointment, 354, 1182
- Stecyk, A., degree, 598
- Steding, J. A., degree, 1552

- Steed, D. W., appointment, 1190
 Steel, purchase, Noyes Laboratory, 614
 Physical Plant, 32
 Steel bridge columns, research, contract, 560
 change, 610
 Steel car wheels, study, contract, change, 1360
 Steele, Betty J., degree, 1562
 Steele, M. C., appointment, 430, 970
 resignation, 1383
 Steele, R. H., degree, 1567
 Steel plate biaxial stress, study, contract,
 change, 713, 1495
 Steel tower, Radio Station, dismantle, trans-
 port, and erect, 343
 Steers, Animal Science, purchase, 669, 1416
 Stefanko, R., degree, 1552
 Steffen, J. R., degree, 1251
 Steffens, H. S., degree, 799
 Steffens, M. S., degree, 1398
 Stegemeier, H., appointment, 79, 694, 912
 leave of absence, 1408
 Stegen, E. E., degree, 1552
 Steggerda, F. R., appointment, 82, 511, 915,
 1453
 discovery, patent rights, release, 458
 Stegmeier, C. R., degree, 796
 Stehle, H. C., appointment, 1229
 Stehr, G. E., degree, 1391
 Steidinger, C. L., degree, 1572
 Steidinger, Marilyn M., degree, 1560
 Steidl, J. C., degree, 822
 Steiger, G. L., degree, 818
 Steigmann, F., appointment, 204, 1039
 Steimley, L. L., appointment, 80, 913
 Stein, A. F., appointment, 361, 1189
 Stein, Dorothy A., appointment, 1106, 1111
 Stein, Elise, estate, gift, 1474
 Stein, H. G., degree, 594
 Stein, H. H., degree, 809
 Stein, J. S., degree, 802
 Stein, M. H., certificate, 489
 Stein, Roberta L., degree, 1398
 Stein, S. N., appointment, 211, 1047
 resignation, 1530
 Steinbach, Emma, degree, 1250
 Steinberg, A. R., degree, 1249
 Steinberg, D. E., degree, 822
 Steinberg, Mrs. Esther, appointment, 399
 Steinberg, Harriet J., degree, 590
 Steinberg, I., degree, 807
 Steinbrecher, Marilyn S., degree, 807
 Steinbrecher, W. E., Jr., degree, 799
 Steiner, E. C., degree, 1240
 fellowship, 1481
 Steiner, G. A., appointment, 141, 976
 Steiner, G. Y., appointment, 179, 511, 531,
 1013
 Steiner, M. L., degree, 419
 Steiner, Pauline J., appointment, 79, 912, 1528
 Steinhauer, Carol L., appointment, 1174
 Steining, E. W., degree, 413
 Steinke, Marie, appointment, 9
 Steinway & Sons, purchase, 376, 440, 525, 711
 Steitz, Charlotte E., appointment, 1229
 Stella, J. P., degree, 813
 Stelling, H. R., degree, 1238
 Stelling, Mrs. Lois B., appointment, 243, 702,
 1082, 1315, 1381
 Stelling, Mrs. Mary A., appointment, 1099
 Stelter, E. H., degree, 803
 Stelzriede, W. Q., degree, 795
 Stemler, W. C., degree, 419
 Stencil, R. F., degree, 1561
 Stenderup, Margit R., appointment, 1229
 degree, 1245
 resignation, 1383
 Stendler, Mrs. Celia B., appointment, 151,
 986
 leave of absence, 1353
 Stengel, J. F., degree, 814
 Stengel, R. J., degree, 823
 Stenger, D. V., degree, 1553
 Stenger, F. J., degree, 422
 Stenn, F., appointment, 356, 1183
 Stennfeld, Donnette, appointment, 1163
 Step, E. L., degree, 1538
 Stephan, Ida H., appointment, 309, 1147
 Stephan, Rosita, degree, 1572
 Stephens, A. L., appointment, 1448
 Stephens, C., appointment, 169, 1005
 leave of absence, 1280
 Stephens, H. D., Jr., degree, 588
 Stephens, J. W., degree, 589
 Stephens, R. C., appointment, 272, 1108
 Stephens, R. R., Jr., fellowship, 1352
 Stephenson, A. R., degree, 1552
 Stephenson, Dorothy L., degree, 1247
 Stephenson, G. R., certificate, 489
 Stephenson, L. P., appointment, 399
 Stephenson, R. L., degree, 408
 Stephenson, Romilda W., degree, 413
 Stephenson, W. A., appointment, 362
 Stepmar, Bacia R., appointment, 154, 689, 989
 Sterilizer equipment, Veterinary Medicine,
 purchase, 525
 Sterilizers, purchase, Applied Materia Medica
 and Therapeutics, 852
 Biological Chemistry, 670
 Pediatrics, 852
 Research and Educational Hospitals, 1206,
 1305
 Sterling, A. I., certificate, 1338
 Sterling, Mrs. Barbara M., appointment, 1124
 Sterling, C. R., degree, 818
 Sterling, D. S., certificate, 1329
 Sterling, Frances E., degree, 800
 Sterling, H. D., certificate, 1329
 Sterling, W. T., certificate, 527
 Stermer, W. H., appointment, 300, 1137
 Stern, A. M., degree, 1281
 Stern, Harriet R., appointment, 447, 875
 Stern, I. J., degree, 811
 Stern, J. A., degree, 1240
 Stern, J. H., certificate, 1329
 Stern, L. J., degree, 824, 1575
 Stern, M., fellowship, 1485
 Stern, R. H., degree, 811
 Stern, W. L., appointment, 689, 1445
 degree, 1285
 Sternberg, M. A., degree, 814
 Sternberg, P., appointment, 358
 Sternburg, J. G., degree, 1534
 fellowship, 448, 1279
 Sterrett, H. L., degree, 596
 Sterritt, R. E., appointment, 281, 1117
 Stessl, L. A., degree, 822, 1571
 Stetson, L. J., appointment, 362
 Steuber, W., degree, 451
 Stevens, D. J., degree, 1567
 Stevens, G. A., appointment, 297
 Stevens, Mrs. Marjorie A., appointment, 266
 Stevens, Mrs. Peggy J., appointment, 1127
 Stevens, R. B., degree, 816
 Stevens, R. E., degree, 1282
 Stevenson, A. L., appointment, 1459, 1499
 Stevenson, D. R., degree, 424
 Stevenson, Mrs. Grace M., appointment, 284
 Stevenson, H. J., degree, 596
 Stevenson, Mrs. Lou A., appointment, 276,
 1093
 Stevenson, Marietta, appointment, 181, 224,
 572, 1016, 1061
 Stevenson, Shirley, appointment, 320, 1158
 Stevenson, W. L., degree, 1559
 Steward, G. H., appointment, 282, 1119
 Steward, J. H., appointment, 1337
 Steward, Magdalen, appointment, 8
 Stewart, C. L., appointment, 94, 511, 927
 leave of absence, 1408
 Stewart, Caroline, appointment, 324, 1162
 Stewart, D. R., degree, 1399
 Stewart, E. H., appointment, 325, 1167

- Stewart, F. A., appointment, 95, 929
resignation, 1383
- Stewart, G. H., degree, 1395
- Stewart, G. S., appointment, 213, 1180, 1230
- Stewart, Helen T., appointment, 185, 1020
- Stewart, J. M., degree, 1533
fellowship, 678
- Stewart, J. W., degree, 799
- Stewart, Jean, appointment, 1158
- Stewart, Mrs. Joyce C., appointment, 1132
- Stewart, L. F. degree, 598
- Stewart, Lois E., degree, 1559
- Stewart, Mabel R., degree, 413
- Stewart, Margaret O., appointment, 76, 909
declination, 1234
- Stewart, Margaret R., appointment, 257, 1094
- Stewart, Miriam B., appointment, 156, 991
- Stewart, N. R., appointment, 1381
- Stewart, P. A. R., appointment, 645, 698,
971, 1454
- Stewart, P. J., Jr., degree, 420
- Stewart, P. R., appointment, 694
- Stewart, R. G., appointment, 875, 917
degree, 783
- Stewart, Mrs. Ruby R., appointment, 1096
- Stewart, W. E., degree, 1286
- Stewart, W. N., appointment, 71, 904, 1445
- Stewart Oil Co., purchase, 31, 375
- Stice, G., appointment, 84, 399, 675
- Stice, Mrs. Hilda R., appointment, 142, 977
- Stice, L. F., appointment, 95, 117, 118, 119,
928, 950, 952, 953
- Sticher, L. A., appointment, 297, 1133
- Sticklen, Barbara J., appointment, 256, 1093
- Stidley, L. H., degree, 787
- Stieglitz, Jean A., degree, 1559
- Stiehl, R. T., Jr., fellowship, 678
resignation, 778
- Stielow, W. L., degree, 799
- Stiert, Mrs. Mabel B., appointment, 324, 1162
- Stierwalt, B. H., degree, 418
- Stifel, N., & Co., Inc., bond issue for Men's
Residence Halls, 1356, 1362
- Stiglianese, Catherine, appointment, 326
- Stigliani, Mrs. Lillian, appointment, 322
- Stika, Carol, appointment, 8
- Stika, E. A., appointment, 364
resignation, 573
- Still, B. L., degree, 1564
- Stillerman, M. L., appointment, 206, 1042
- Stillions, R. D., degree, 1565
- Stillman, Mrs. Barbara W., appointment, 265,
1101
- Stillwaugh, D. M., degree, 596
- Stillwell, G. B., appointment, 75, 775, 908,
1449
- Stillwell, H. S., appointment, 122, 956
- Stillwell, R. T., degree, 829
- Stilwell, Gertrude, appointment, 10, 1308
- Stimes, A. C., degree, 788
- Stine, Alpha Q., appointment, 318, 1156
- Stine, Dorothy Y., degree, 1555
- Stinson, R. J., degree, 1393
- Stipp, M., appointment, 298, 1135
- Stipp, Mary A., degree, 1573
- Stippes, M. C., appointment, 134, 969
resignation, 1234
- Stiritz, Frances M., appointment, 268, 1095
- Stirling, H. J., degree, 1542
- Stisser, C. E., certificate, 42
- Stites, J. H., degree, 822, 1577
- Stites, Mrs. Jeane M., appointment, 262, 1098
- Sutes, W. D., degree, 822
- Sutt, W. C., appointment, 282, 1119
- Suven House, acoustical treatment, contract,
658
improvements, appropriation, 1493
name, 608
- Stivers, E. C., degree, 809
- Stivers, T. W., degree, 827
- Stoaffer, R. D., degree, 1243
- Stockdale, G. F., appointment, 123, 956
degree, 1539
- Stockdale, Mrs. Jean A., appointment, 184,
1019
- Stockdale, Joan L., degree, 807
- Stocking, Helen, appointment, 319, 1158
- Stock Pavilion, addition, appropriation, 846
contract, electrical work, 846
general work, 846
heating, 846
plumbing, 846
refrigerating installation, 846
ventilating work, 846
chilling room, appropriation, 654
balance reappropriated, 1198
electrical improvements, contract, 667
remodeling, engineering services, contract,
836
- Stocks, C. A., degree, 419
- Stocks, Mrs. Winifred M., appointment, 268
- Stoddard, G. D., appointment, 58, 891
- Krebiozen research, discussion, 1311
representative at Conference on American
Tradition, 1420
- UNESCO activities, report of General
Policy Committee, 867
- See also President of University.
- Stoecker, Mrs. Patricia L., appointment, 1100
- Stoecker, W. F., appointment, 399, 964, 1381,
1500
- Stoesser, A. D., degree, 1552
- Stojack, E. R., degree, 7393
- Stoke, S. M., appointment, 692, 1448
- Stoker links, Physical Plant, purchase, 854,
1416
- Stokes, J. B., degree, 1393
- Stokes, J. T., degree, 1536
- Stokes, R., appointment, 1451
- Stokes, R. F., appointment, 1424
- Stolman, E., degree, 827
- Stolp, N. H., degree, 822, 1571
- Stolpe, S. G., appointment, 82, 511, 698, 915
- Stoltey, Mrs. Margaret C., appointment, 645
- Stoltz, E. V., degree, 421
- Stolurow, L. M., appointment, 1230, 1315
- Stolz, A. B., appointment, 399
resignation, 778
- Stone, C. W., appointment, 168, 170, 695,
1003, 1006
- Stone, D. J., degree, 589
- Stone, E. R., degree, 1559
- Stone, Elizabeth H., appointment, 212
leave of absence, 684
- Stone, F. L., appointment, 356, 1185
- Stone, G. W., degree, 799
- Stone, H. A., degree, 1570
- Stone, H. B., degree, 827
- Stone, J. L., degree, 425
- Stone, J. R., degree, 588
- Stone, Joan, degree, 813
- Stone, Joyce H., degree, 1396
- Stone, K. R., appointment, 1381
degree, 784
- Stone, L. E., degree, 1243
- Stone, L. R., member of advisory committee,
1195
- Stone, Mrs. Marilena M., appointment, 1121
- Stone, Mrs. Marilyn, appointment, 1157
- Stone, P., invitation to January meeting, 1331
- Stone, P. I., appointment, 130
degree, 1544
resignation, 573
- Stone, Mrs. Phyllis M., appointment, 1129
- Stone, R. L., degree, 786
- Stone, R. N., degree, 1394
- Stone, W. B., appointment, 399, 693, 909
- Stone, W. G., degree, 1559
- Stone & Webster Engineering Corp., contract,
472
addition, 708
- Stoneberg, J. B., degree, 1563

- Stonecipher, J. W., appointment, 177, 511, 775, 1012
 degree, 413
 Stonehill, C. A., Inc., purchase, 32
 Stoner, E., degree, 1552
 Stoner, H. G., appointment, 281, 1117
 Stonework repairs, Dentistry-Medicine-Pharmacy Building, contract, 1517
 Stookley, D., degree, 819
 Storage bins, Chemistry, purchase, 341
 Storage building, Civil Engineering, contract, 764
 Storage cases, Geology, purchase, 500, 1416
 Storckman, G. W., degree, 813
 Storer, R. L., degree, 1552
 Storm, D. F., degree, 797
 Storm, H. E., degree, 818
 Storm, J. S., degree, 814
 Storm, J. W., degree, 1394
 Storm drainage system, Illini Hall area, contract, 528
 release of funds, 519
 southeastern portion of campus, study, 610
 Storm sewers, construction across University property, easements, 666
 extension, Lincoln and Florida Avenue intersection, 1464
 Springfield Avenue at Harvey Street to the Boneyard, 1464
 Lincoln Avenue, maintenance, agreement, 845
 road north of greenhouses, contract, addition, 660
 engineering services, 437
 Stortzum, Ellie E., appointment, 263, 1099
 Story, J. E., degree, 816
 Stotlar, J. B., degree, 827
 Stouffer, E. L., appointment, 188, 1023
 Stouffer, J. R., degree, 799
 Stouffer, R. R., degree, 1563
 Stout, Barbara J., degree, 1560
 Stoutenburg, W. J., Jr., appointment, 153, 988
 declination, 1280
 Stowe, B. W., degree, 1553
 Stowe, G., appointment, 309, 1147
 Stowe, O. W., degree, 1568
 Stowell, F. H., Co., contract, 464, 471
 Strable, Mrs. Jane S., appointment, 168, 250, 1004, 1089
 Strader, E. B., appointment, 274, 1110
 Strader, W. C., degree, 598
 Straetz, R. A., degree, 1283
 Stratford, L. A., degree, 1397
 Stranahan, H., & Co., bond issue for Men's Residence Halls, 1356, 1362
 Strand, A. L., appointment, 1230
 degree, 1537
 Strand, K. B., degree, 423
 Strang, A. E., appointment, 167, 1002
 Strange, R. L., degree, 581
 Strano, Helen V., appointment, 332, 1174
 Stratton, Mrs. Florence W., gift, 556
 Stratton, K. O., degree, 1389
 Stratton, W. T., Jr., degree, 583
 Straub, F. G., appointment, 124, 957
 leave of absence, 1533
 Straub, H. E., appointment, 130, 875, 965, 1500
 degree, 1544
 Straus, Elizabeth K., appointment, 354, 1182
 Straus, F. H., appointment, 362, 1191
 Straus, S., certificate, 42
 Strauss, J. F., Jr., appointment, 645, 1184
 Strauss, S., appointment, 352, 1181
 Stravinsky, S., appointment, 156, 990, 1452
 Strayhall, Helen N., appointment, 324
 Street, E. A. C., degree, 587, 1388
 Streeter, E., degree, 815
 Streeter, H., degree, 797
 Streeter, Naomi, degree, 815
 Streeter, Virginia M., appointment, 675
 Street lighting, improvements, appropriation, balance reappropriated, 1198
 Strehl, F. W., degree, 827
 Strehlew, Mrs. Shirli M., appointment, 1132
 Streicher, M. H., appointment, 204, 1039
 Streisinger, G., appointment, 875
 Strempler, C. E., certificate, 1329
 Streptomycin products, patent, concession of priority, 347
 Strickland, A., degree, 1243
 Strickland, A. E., fellowship, 1482
 Strickland, Donna V. F., degree, 1243
 Strickler, C. J., degree, 1385
 Striegel, L. F., degree, 822
 Striegel, Mrs. Orpha, appointment, 263, 1099
 Strikich, F. J., appointment, 257, 1143
 Stringer, E. F., degree, 596
 Strip-mined areas, study, contract, change, 1306, 1417
 Strobl, A., degree, 794
 Strocher, Twila J., degree, 1388
 Stock, R. L., degree, 788
 Stockis, R. R., degree, 1399
 Strode, E. Rogene, appointment, 278, 1115
 Strohbeck, D. D., degree, 804
 Stroheker, W. S., degree, 1399
 Strohl, E. L., appointment, 303, 1192
 Strojny, E. J., fellowship, 1481
 Strom, Myra C., appointment, 260, 1096
 Strom, R. B., degree, 598
 Strombeck, D. R., degree, 1568
 Stroner, W. F., degree, 1570
 Strong, Dorothy J., appointment, 289, 1005
 resignation, 1383
 Strong, E. P., appointment, 138, 142, 974, 978
 resignation, 1487
 Strong, H., Educational Foundation, gift, 549, 1469
 Strong, J., degree, 1572
 Stroud, Margit J., degree, 1560
 Stroup, H. L., fellowship, 681
 resignation, 1316
 Strouse, Mary A., fellowship, 1483
 Strout, R. P., appointment, 129, 964
 degree, 415
 Strow, R. W., appointment, 1230
 Strow, W. F., degree, 827
 Strub, I. H., degree, 1570
 Structural steel plates, edge condition, study, contract, 769
 Struever, Mrs. Rosalie, appointment, 310, 1148
 Struik, Ruth R., degree, 1238
 Strus, Mrs. Catherine, appointment, 1167
 Strusz, C., degree, 1236
 Strydom, Mrs. Gertruida M., appointment, 276
 Strydom, N. B., degree, 451
 Stryker, E. M., degree, 1243
 Stryker, Mrs. Roberta E., appointment, 1117
 Strzalko, Z., appointment, 326, 1167
 Strzynski, Lillian, appointment, 320, 1159
 Stuart, Dorothy H., diploma, 1575
 Stuart, J. M., degree, 814
 Stubblefield, F. M., appointment, 243, 1082
 leave of absence, 733
 Stubbs, Alice, appointment, 1230
 Stubbs, E. W., Jr., degree, 1548
 Stubenrauch, Mrs. Betty H., appointment, 284
 Stubenrauch, G. F., degree, 419
 Stuckey, J. D., degree, 799
 Stucki, F. F., fellowship, 1482
 Student Activities, Chicago Undergraduate Division, budget, 240, 1079
 Student Affairs, Chicago Professional Colleges, budget, 199, 307, 1034, 1143
 Student and Staff Apartments, budget, 193, 1028, 1140
 contract, adjustments, 561, 770, 865, 866, 1209, 1264, 1306
 landscaping, 608
 playground, construction, 666
 walks and terraces, 33

- Student and Staff Apartments, cont'd
 fire insurance, purchase, 768, 769
 laundry tumblers, purchase, 377
 tax status, 1331
 Student Athletic Activities, Chicago Undergraduate Division, budget, 249, 1088
 Student Counseling Bureau, appropriations, balances reappropriated, 1196
 budget, Chicago Undergraduate Division, 237, 330, 1076, 1172
 summer session, 703, 1458
 Urbana-Champaign departments, 60, 256, 892, 1092
 summer session, 700, 1456
 remodeling, contract, 593
 Student data sheets, Engineering, printing, 375
 Student English, Committee on, budget, 67, 264, 900, 1100
 stylebook of English, publication, appropriation, 492
 Student Housing, *See* Housing.
 Student Organization Fund, gift, 1211
 Student Placement Revolving Account, Engineering, budget, 955
 Students, Dean of, budget, Chicago Undergraduate Division, 239, 331, 1078, 1173
 Urbana-Champaign departments, 63, 262, 896, 1098
 malpractice insurance covering Health Service staff, premium, appropriation, 434
 Students, men, physical education, requirements, change, 1323
 nonresident, admission requirements, 1323
 withdrawal for military and other national defense services, regulations, 431
 Student Teaching, budget, 148, 285
 Student Welfare and Activities Committee, members, 603, 1405
 Studer, Charlotte, appointment, 12
 Studer, R. W., degree, 1243
 Studley, C. B., degree, 1401
 Studley, Mrs. Peggy, appointment, 1127
 Stuebe, J. R., degree, 814
 Stuenkel, Lucille M., degree, 800
 Stuermer, R., appointment, 245, 447, 1084
 Stuff, G. S., degree, 799
 Stuffbeam, O. P., degree, 592
 Stull, C. K., appointment, 360, 1189
 Stull, Mrs. Gertrude C., appointment, 287
 Stull, K. E., degree, 418
 Stull, Louise, appointment, 296, 1133
 Stuppy, G. W., appointment, 354, 1182
 Sturgis, G. K., fellowship, 682
 resignation, 1280
 Sturm, J. R., degree, 804
 Sturm, Q. C., certificate, 489
 Stute, R. W., degree, 454
 Stutler, B. G., degree, 584
 Stutler, Mrs. Brenda E., appointment, 279
 Stutler, K. E., degree, 1250
 Stutsman, D. B., degree, 797
 Stutzman, Charlotte A., degree, 828
 Stylebook, appropriation, balance reappropriated, 1196
 Su, E. S., degree, 578
 Sublette, B. M., degree, 1564
 Sublette, Barbara M., degree, 1560
 Subelny, J. D., appointment, 1478
 Sucaryl, research, contract, 523
 gift, 551
 Suci, G. J., degree, 1535
 Susic, S., appointment, 1276
 Sudar, Patricia G., appointment, 399, 1058
 Suddarth, R. W., degree, 1243
 Sudduth, Mrs. Mary F., appointment, 284, 1120
 Suen, Helena D., degree, 830
 Sugar, O., appointment, 205, 1040
 Sugar, P., certificate, 489
 Sugi, M., degree, 1545
 fellowship, 682, 1486
 resignation, 1502
 Suhajda, W. J., certificate, 489
 Suhre, Margery E., appointment, 116, 950
 Sulenski, J. S., degree, 596
 Sulfathalidine, study, contract, 1521
 Sulfhydryl, research, gift, 1215, 1471
 Sulfonamides, study, contract, 1417
 change, 1464
 Sullenger, G. W., degree, 589
 Sullivan, Bernadette M., appointment, 250, 1089
 Sullivan, C. J., certificate, 1329
 Sullivan, C. V., degree, 802
 Sullivan, Catherine M., appointment, 109, 117, 120, 943, 951, 953
 Sullivan, D. A., degree, 1538
 Sullivan, D. E., degree, 1541
 Sullivan, D. L., degree, 408
 Sullivan, F. W., degree, 454
 Sullivan, J. D., degree, 822
 Sullivan, Jane P., degree, 1397
 Sullivan, Mrs. Joanna, appointment, 316, 1154
 Sullivan, Loretta I., degree, 408
 Sullivan, Mary C., degree, 827
 Sullivan, Mary L., appointment, 1165
 Sullivan, Patricia J., appointment, 875, 1018
 Sullivan, R. F., appointment, 298, 1134
 Sullivan, R. N., appointment, 164, 695, 1000
 Sullivan, Sophia E., appointment, 1528
 degree, 1544
 Sullivan, T. J., certificate, 535, 1330
 withheld, 664
 Sullivan, Virginia R., degree, 1555
 Sullivan Chevrolet Co., purchase, 671, 766, 837, 1305, 1327
 Sullivan property, purchase, annual payment, 349
 Sulphur combustion, study, contract, change, 713
 Sultan, S. G., degree, 1547
 Summaria, J. E., degree, 593
 Summer, M., degree, 1577
 Summers, C. R., lease, 1208
 Summers, H. E., appointment, 330, 1172
 Summers, J. L., degree, 1577
 Summers, Mrs. Patricia R., appointment, 1096
 Summers, Roxie, appointment, 1130
 Summers, W. L., appointment, 164, 1000
 Summer Session, budget, 172, 250, 291, 688, 701, 704, 1008, 1089, 1128, 1444
 Summerton, Ellenor M., degree, 1245
 Sumner, R. E., degree, 1572
 Sumption, Dorothy L., degree, 593
 Sumption, M. R., appointment, 151, 986
 Sund, E. H., degree, 1559
 Sunday work, nonacademic employees, regulations, 1432
 Sunderlage, D. J., degree, 820
 Sunderlin, D. E., degree, 815
 Sundin, H. S., appointment, 399, 875, 958
 resignation, 405, 1353
 Sundstrom, K. V. Y., fellowship, 678, 1481, 1501
 Sunkel, P. G., degree, 822
 Sunlin, W. M., degree, 792
 Supergran, F. F., degree, 419
 Superphosphate, Dairy Science, purchase, 500
 Supple, C. J., degree, 1572
 Supples, Cynthia O., degree, 1556
 Suratt, E. A., degree, 423
 Surbaugh, W. C., appointment, 298, 1135
 Surgeon, D. K., degree, 1549
 Surgery, budget, 213, 312, 1049, 1149
 clinical faculty, 362, 1191
 fellowship, gift, Illinois Federation of Women's Clubs, 554, 1216
 Upjohn Co., 553
 research, gift, 552, 553, 554, 555, 1215, 1216, 1218
 Surgical dressing and gauze, Chicago General Stores, purchase, 33
 Surgical insurance, contract, continuance, 715
 Suria, F. G., Jr., degree, 1568

- Surowiec, D. S., degree, 1248
 Surran, W. H., degree, 1565
 Surratt, R. A., degree, 425
 Sus, Geraldine, appointment, 1159
 Susina, Mrs. Betty J., appointment, 222
 resignation, 778
 Susina, S. V., appointment, 221, 399, 1058
 degree, 830
 fellowship, 402
 Sussman, Raquel B., degree, 1533
 Sussman, S. J., degree, 1249
 Sussna, E., degree, 1386
 Suta, Mrs. Nancy L., appointment, 319, 1153
 Suta, T. E., degree, 822, 1571
 Suter, R. H., appointment, 257, 1094
 Sutherland, A. G., degree, 802
 Sutherland, B. M., degree, 827
 Sutherland, D. R., degree, 811
 Sutherland, Mrs. Helen S., authority to sign
 name of Secretary of Board, 1405
 See also Smith, Helen L.
 Sutherland, Mrs. Martha D., appointment, 328
 Sutherland, P. W., degree, 814
 Sutherland, R. D., degree, 587
 Sutherlin, Kathryn J., appointment, 156, 991
 Sutker, L. L., degree, 1535
 Tutoris, E. D., degree, 1559
 Sutter, D. L., degree, 1549
 Sutter, Nancy A., appointment, 237, 245, 1077
 Sutton, J. C., appointment, 167, 1002, 1451
 Sutton, R. M., appointment, 79, 148, 695, 912,
 984, 1450
 Suzuki, Agnes H., degree, 1559
 Suzuki, M., fellowship, 1352, 1484
 Svehla, R. L., degree, 1549
 Svihla, F. J., Jr., degree, 1247
 Svoboda, E. F., Jr., degree, 1553
 Svoboda, Nancy L., degree, 586
 Svoboda, R. D., degree, 799
 Swadley, E. C., Jr., degree, 784
 Swaging machine, Mining and Metallurgical
 Engineering, purchase, 615
 Swaim, G. T., Jr., degree, 409
 Swain, H. D., Jr., degree, 790
 Swain, H. H., degree, 827, 830
 Swain, J. B., fellowship, 776
 Swain, J. W., appointment, 79, 695, 912
 Swain, M. D., degree, 1549
 Swain, T. M., degree, 807
 Swain & Myers, Inc., *bid*, 849
 contract, 437
 Swan, Mrs. Clara D., appointment, 1104
 Swan, J. B., appointment, 1500
 fellowship, 731
 Swan, Mrs. Ruth L., appointment, 297, 1134
 Swan, W. R., degree, 822, 1571
 Swanborg, Barbara H., degree, 1398
 Swaney, Imogen A., degree, 808
 Swank, E. R., degree, 818
 Swank, Irma L., appointment, 184, 1019
 leave of absence, 47
 Swank, R. D., degree, 807
 Swank, R. L., degree, 1562
 fellowship, 1482
 Swank, Mrs. Shirley K., appointment, 276
 Swanlund, D. P., degree, 1549
 Swanlund, Joyce T., degree, 1560
 Swanlund, R. L., degree, 1549
 Swann, S., Jr., appointment, 123, 957
 Swanson, A. M., degree, 1396
 Swanson, B. E., degree, 418
 Swanson, C. E., appointment, 1407
 Swanson, Cynthia R., degree, 1563
 Swanson, D. L., degree, 822, 1571
 Swanson, E. G., degree, 1577
 Swanson, E. R., appointment, 399, 572
 resignation, 879
 Swanson, Frances E., appointment, 262, 1098
 Swanson, G., appointment, 313, 1150
 Swanson, H. A., degree, 822
 Swanson, Helen E., degree, 1560
 fellowship, 1479
 Swanson, J. E., certificate, 1329
 Swanson, J. R., degree, 1236
 Swanson, J. W., appointment, 86, 512, 699,
 700, 919
 Swanson, Jacqueline K., degree, 808
 Swanson, L. P., degree, 413
 Swanson, Louise A., degree, 590
 Swanson, Mrs. Margaret K., appointment, 263
 Swanson, Naomi A., degree, 800
 Swanson, P. W., Jr., certificate, 1329
 Swanson, R. E., degree, 416
 Swanson, R. F., degree, 804
 Swanson, R. G., degree, 1400
 Swart, H. W., degree, 1549
 Swart, K. W., appointment, 7, 45, 875, 912
 Swartswalter, B. I., degree, 1561
 Swartz, Jocelyn B., appointment, 1230, 1453
 Swartzwalter, Marilyn A., degree, 814
 Swayer, W. J., member of advisory committee,
 1195
 Swearingen, C. S., appointment, 300, 1136
 Swearingen, V. L., appointment, 273, 1109
 Swedlund, R. K., degree, 1572
 Sweetley, C. C., fellowship, 1481
 Sweeney, Mrs. Jane, appointment, 305
 Sweetnam, E. W., Jr., degree, 818
 Swendsen, A. S., degree, 1565
 Swensen, C. C., degree, 802
 Swensen, Idamay D., degree, 420
 Swensen, J. J., degree, 422
 Swenson, C. E., degree, 1555
 Swenson, R. H., appointment, 156, 697, 990,
 1452
 Swenson, V. E., degree, 804
 Swerman, R. W., degree, 598
 Swickard, J. H., degree, 1566
 Swift, D. W., degree, 1398
 Swift & Co., gift, 549, 550, 1212, 1215
 stock, sale, 1420, 1497
 Swiger, H. L., degree, 1561
 Swiger, Mrs. June D., appointment, 1130
 Swine diseases, study, contract, change, 1208
 Swinehart, C. E., appointment, 263, 1099
 Swine nutrition, research, contract, 33, 378,
 469, 1305
 change, 668, 713, 1208, 1306, 1344,
 1464
 Swing, J. H., degree, 818
 Swinger, H. J., degree, 804
 Swingholm, R. S., degree, 1557
 Swink, F., appointment, 314, 1152
 Swink, L. L., degree, 1549
 Swinney, C. L., degree, 1246
 Swint, Mrs. Billie, appointment, 329, 1170
 Swisher, J. B., degree, 799
 Swisher, W. P., appointment, 204, 1182
 Switzer, J. L., appointment, 875, 1184
 Switzer, P. R., appointment, 447
 Svoboda, T. J., degree, 450
 Swoiskin, R. S., degree, 811
 Swords, Ardis M., degree, 408
 Sydnor, R. L., degree, 1552
 Sykora, J., member of advisory committee,
 1195
 Sykora, L. J., appointment, 357, 1185
 Sylvester, E. B., appointment, 357, 1185
 Symmonds, J. L., degree, 811
 Symon, J. J., degree, 1559
 Sympton, Marian M., appointment, 399, 943,
 952
 Sympton, R. F., degree, 1388
 Synchronic Research Fund, gift, 552
 Synnestvedt, J. R., Jr., degree, 1565
 Synnestvedt, R., and Associates, contract, 1517
 Sypult, D. A., appointment, 281, 1118
 Syracuse, Jacqueline, appointment, 306, 1142
 Syringes, Chicago General Stores, purchase,
 342, 564
 Sytsma, P. G., degree, 803
 Syverson, W. A., degree, 1568
 Szabo, N., degree, 589
 Szekely, E. C., degree, 590

- Szekely, J. F., degree, 804
 Szymd, M. A., appointment, 218, 447
 resignation, 513
 Szostek, R. E., degree, 589
 Szpara, E. S., degree, 590
 Szuba, J. P., degree, 1400
 Szukala, E. M., appointment, 332
 Szymanski, F., appointment, 204, 1038
 Szymanski, L. W., degree, 419
 Szymoniak, R. F., degree, 814
- Taaffe, E. J.**, appointment, 45, 1083
Taake, R. N., Jr., degree, 585
Tabaka, C. M., degree, 819
Tabaka, P. R., appointment, 277, 1113
Taber, N. H., degree, 1394
Tabler, Patricia W., degree, 812
Tables, purchase, Physical Plant, 712
 Physics, 29
 Veterinary Medicine Building, 557, 558
Tacke, A. W., appointment, 358
Tackett, R. W., appointment, 283
Taege, R. L., degree, 1400
Taft, D. R., appointment, 84, 918, 1454
Taft, Elizabeth J., appointment, 1129
Taft, Marion G., appointment, 322, 1165
Taft, R. J., appointment, 288
 degree, 1568
Taft, Winifred L., degree, 1399
Taft Drive, extension, contract, 659
Tagliere, Joan A., diploma, 1575
Takada, D. T., degree, 1553
Takemura, Hiromu, fellowship, 1482
Takemura, K. H., degree, 450
Takeshita, R. M., degree, 1391
Takeyama, R. Y., degree, 1547
Talbot, Adelaide, appointment, 313, 1151
Talbot, Mrs. Nell S., appointment, 215, 219,
 1051, 1055
Talbot Laboratory, addition, architectural serv-
 ices, appropriation, 1413
 engineering services, contract, 849
 equipment, appropriation, 1493
 remodeling, appropriation, 470, 706
 balance reappropriated, 1198
 contract, adjustment, 561, 668, 669, 713,
 865, 866, 1209, 1417
 transformer vaults, modernization, contract,
 564
 release of funds, 540
 window safety anchors, appropriation, 521
Talbott, R., appointment, 361, 1190
Talbott, V. G., Jr., degree, 807
Tallent, M. H., fellowship, 678
 declination, 732
Talley, Emma C., degree, 1543
Tallmadge, Ellenor, appointment, 284, 287,
 1120, 1123, 1127
Tallmadge, R. L., appointment, 183, 1018
 degree, 794
Tamari, M., appointment, 207, 1043
Tamarin, A., degree, 823
Tamayo, R., painting, purchase, 1466
Tamres, M., appointment, 72, 690, 905, 1446
 declination, 1502
Tanabe, H. T., degree, 590
Tanaka, Joyce, appointment, 1160
Tanaka, Kejiro, degree, 1386
Tandberg, Agnes G., appointment, 64, 399,
 897
Tandem roller, Aviation, purchase, 377
Tang, C. C., fellowship, 1482
 resignation, 1502
Tang, Y., fellowship, 776
Tangman, H. J., degree, 596
Tanimoto, Ethel, appointment, 1163
Tannenbaum, I. R., degree, 782
Tannenbaum, P. H., degree, 1286
Tanner, D. A., appointment, 257, 1093
Tanner, F. W., appointment, 70, 903
Tanner, M. C., appointment, 219, 1055
 leave of absence, 574
- Tanner, Vivian**, appointment, 1163
Tanner, W. H., degree, 818
Tanner & Co., purchase, 851
Tanske, H. J., certificate, 771
Tantranon, R., degree, 408
Tao, Liang-Neng, fellowship, 776
Tape recorders, purchase, Music, 854
 University Broadcasting, 1360
Taplin, L. B., appointment, 1230
 degree, 792
Taplin, Marabeth R., degree, 1555
Tapling, E. G., degree, 1401
Tarabori, A. J., degree, 1552
Tarble, Elvia L., degree, 1551
Tardi, G. J., degree, 1547
Tarlow, Mrs. Virginia, appointment, 211, 1047
Tarnoff, N. H., degree, 792
Tarnow, G. F., degree, 1399
Tarr, L. H., degree, 802
Tarun, D. W., appointment, 356, 1184
Tasaka, R. K., degree, 1391
Tash, Evelyn M., appointment, 1139
Tash, Marie E., appointment, 303
Tassler, Mrs. Norma L., appointment, 294
Tatarawicz, B. J., appointment, 352, 1180
Tate, A., appointment, 99, 933
Tate, A. R., Jr., degree, 1399
Tate, D. R., degree, 799
Tate, Mrs. Inez S., appointment, 399, 897
 resignation, 1234
Tate, L. E., appointment, 287, 1123
Tatman, R. D., degree, 803
Taub, A. H., appointment, 80, 136, 875, 913,
 971, 1277
Tauber, B. D., Jr., degree, 422
Tauber, Lorraine F., degree, 421
Tauber, M., certificate, 1507
Tavares, J. F., degree, 587
Tavolacci, J. P., degree, 1577
Tavs, Louise E., appointment, 203, 1038
Taweel, F. J., degree, 790
Taxes, exemption, letter of H. H. Harmon,
 referred to General Policy Committee,
 1270
 report of General Policy Committee,
 1331
 payments in lieu of, 441, 469
Gayel, M. A. R., degree, 576
Taylor, A. B., appointment, 82, 698, 915, 1453
Taylor, A. R., fellowship, 1479
Taylor, Mrs. Annette M., appointment, 1019
Taylor, B. B., degree, 822, 1566
Taylor, Babette, appointment, 1230
 fellowship, 572, 677, 877
 resignation, 879
Taylor, Barbara A., degree, 817
Taylor, C. B., appointment, 213, 360, 1230
Taylor, Charles E., appointment, 134, 701, 969
 resignation, 1383
Taylor, Clifford E., appointment, 112, 117
 resignation, 732
Taylor, C. J., Jr., appointment, 133
 degree, 576
 resignation, 405
Taylor, C. M., degree, 587
Taylor, Carol L., appointment, 675
Taylor, D. E., appointment, 130
 degree, 1390
 resignation, 646
Taylor, D. M., degree, 1393
Taylor, Doris N., appointment, 478
Taylor, E. C., Jr., appointment, 905, 1446
 fellowship, 46
Taylor, Elizabeth A., appointment, 330, 1172
Taylor, Harriet J., degree, 590
Taylor, J., contract, 1208
Taylor, J. D., appointment, 310, 1147
Taylor, J. R., degree, 1388
Taylor, J. W., Jr., degree, 1560
Taylor, Josephine G., appointment, 9, 1307
Taylor, L., appointment, 330, 1172
Taylor, L. D., degree, 413

- Taylor, M. R., degree, 1243
 Taylor, Mrs. Margaret A. M., appointment, 875
 Taylor, Margaret M., degree, 794
 Taylor, Mrs. Mary, appointment, 328, 1170
 Taylor, M. Pauline, appointment, 302, 1139
 Taylor, R., discharge, 1320
 hearing committee, 1293
 Taylor, R. E., degree, 820
 Taylor, R. M., degree, 1566
 Taylor, S. G., III, appointment, 205, 730, 1040
 Taylor, Sarah E., appointment, 256
 degree, 421
 Taylor, Mrs. Shirley, appointment, 1170
 Taylor, W. E., Jr., fellowship, 682, 1486
 Taylor, W. I., appointment, 202, 400, 1037, 1459
 degree, 827
 Taylor, W. J., degree, 594
 Taylor, W. Reed, appointment, 311, 1148
 Taylor, W. Roland, appointment, 45, 73
 Taylor Street, building at 1716 West, fire escape, installation, contract, 543
 buildings, remodeling, release of funds, 366
 buildings at 1720, 1722-24, 1825, purchase, 1461
 buildings at 1748-58 West, demolition, contract, 1204
 prevailing wage rates, schedule, 1205
 Tchou, I. R., degree, 829
 Teacher Education, Council on, appropriations, balances reappropriated, 38
 budget, 146, 285, 983, 1121
 Teacher Placement, Education, remodeling, appropriation, 492
 contract, 495
 Teacher Training Counseling, budget, 147, 285, 983
 Teagle Foundation, Inc., gift, 1215, 1472
 Teal, H. E., degree, 1394
 Tea service, gift, 1214
 Tebbenhoff, J. D., degree, 1561
 Technical Products Co., purchase, 712
 Technicon Chromatography Corp., purchase, 467
 Technicon Co., purchase, 669
 Tedford, E. V., Jr., degree, 1548
 Teegarden, K. J., degree, 583
 Teel, D. L., degree, 418
 Tegger, Nancy J., degree, 1555
 Tehon, L. R., appointment, 136, 971
 Tehon, S. W., appointment, 126, 693, 961, 1381
 Teichmann, Mrs. Elizabeth, appointment, 242, 1081
 Teichmann, G. G., degree, 408
 Teichner, R., degree, 1572
 Teigler, H. L., appointment, 65, 898
 Teitelbaum, H., degree, 818
 Telephone service, Dentistry programs, 30, 613, 853
 Television, budget, 1005, 1126
 channels, assignment by Federal Communications Commission, hearings, University representative, 460
 license, application, 1496
 policy, 1222
 committee to study, 1222
 date of meeting, 1402
 report, 1309, 1347
 conference with Illinois Broadcasters Association, 1421
 statement of Illinois Broadcasters Association, 1347
 Television facilities, Dentistry postgraduate program, 30
 Television set, Research and Educational Hospitals, gift, 1216
 Television transmitter, appropriation, balance reappropriated, 1198
 gift, 765
 repairs and shipping, appropriation, 762
 Telford, Annette M., degree, 828
 Teller, R., degree, 598
 Tello, S. L., degree, 580
 Telser, S. E., appointment, 355
 resignation, 879
 Temmer, H. E., appointment, 239, 1078
 Temple, Mrs. Charlene S., appointment, 275, 1111
 Temple, R. E., degree, 577
 Temple, W. C., degree, 577
 Tennant, M. M., appointment, 364, 1193
 Tennenbaum, A., appointment, 358
 Tennessee Corp. Research Laboratories, gift, 1213, 1470
 Tennessee Gas Transmission Co., bonds, purchase, 568
 Tennyson, R. H., degree, 1385
 Tenoning machine, Physical Plant, purchase, 559
 Tents, Four-H Club Memorial Camp, rental, 613
 Teodori, Assunta, degree, 577
 Teplitz, Zelda, appointment, 362, 400, 447, 1190
 resignation, 1383
 Teppema, R. A., appointment, 325, 1167
 Tepper, L., degree, 1561
 Tepper Electric Supply Co., purchase, 767, 1520
 Tepper Hardware Co., purchase, 615
 Terayama, Hiroshi, fellowship, 1481
 Terford, H. C., appointment, 1446
 Termination of appointments, 448, 478
 Terrill, J. M., degree, 811
 Terrill, S. W., appointment, 102, 936
 Terrill, W. A., appointment, 140, 400, 975
 declination, 1234
 degree, 1532
 Terry, Jack H., certificate, 430
 Terry, John H., appointment, 364
 Terry, R. E., appointment, 221, 1057
 Terzaghi, K., appointment, 125, 958
 Tesluk, H., appointment, 360
 Testa, P. J., degree, 1568
 Teton, J. B., appointment, 198, 356, 1033, 1041, 1185, 1351
 Tevebaugh, J. L., degree, 1537
 Tevnan, J. E., fellowship, 679, 1483
 resignation, 778
 Tewfik, H. A., degree, 1544
 Tewfik, M. M., degree, 1240
 Texas Co., purchase, 501, 711, 1305
 Texas Gulf Sulphur Co., contract, change, 713
 Texas Illinois Natural Gas Pipeline Co., easement for pipe line to cross Allerton Farms, request, 483, 563
 lease, 1464
 Texas Oil Co., experimental field in Saline County, nondevelopment agreement, 708
 Textiles and clothing, equipment, appropriation, 521
 Textiles and cotton goods, Chicago General Stores, purchase, 559
 Textor, C. S., II, appointment, 356, 1184
 Textor, Dorothy A., degree, 817
 Thackeray, J. B., degree, 799
 Thackeray, Mrs. Kathryn B., appointment, 1092
 Thackray, Shirley M., appointment, 400, 897
 Thain, A. L., degree, 824, 1575
 Thake, W. C., appointment, 261
 Thale, Catherine F., appointment, 1157
 Thall, Iris, degree, 813
 Thalman, W. N., degree, 1563
 Tharp, C. C., degree, 582
 Thatch, Ernestyne E., degree, 413
 Thatcher, W. E., appointment, 1446
 degree, 1240
 Thaxton, C. L., degree, 1536
 Theilmann, Mrs. Esther, appointment, 1094
 Theis, A., appointment, 308
 Theis, F. V., appointment, 363, 1192

- Theis, Geneva M., appointment, 328, 1169
 Theis, Susie L., appointment, 1381
 degree, 1390
 Theiss, E. L., appointment, 139, 689, 974,
 1351
 Thelen, R. J., degree, 588
 Theobald, A. D., member of advisory commit-
 tee, 36
 Theobald, Georgiana D., appointment, 357,
 1186
 Theobald, P. G., degree, 827
 Theobald, W. H., appointment, 359, 1187
 Theodorou, N. S., degree, 1400
 Theoretical and Applied Mechanics, appropria-
 tions, balances reappropriated, 38, 1197
 budget, 133, 282, 968, 1118
 summer session, 701, 1456
 centrifugal pump, purchase, 672
 creep testing machine, purchase, 852
 equipment, appropriation, 1493
 fellows, 682, 1486
 remodeling, appropriation, 706
 revolving account, 969
 Therapeutic Research Foundation, gift, 554
 Thermocouple, Zoology, purchase, 853
 Thesis deposit, graduate students, refund, 473
 requirement, change, 1496
 Theurer, Carolyn J., degree, 800
 Thiebaud, Barbara A., degree, 1550
 Thiels, F. J., degree, 1544
 Thiemann, D. C., degree, 815
 Thien, A. W., degree, 807
 Thiessen, A. D., degree, 827
 Thimos, Nancy C., degree, 1398
 Thing, R. L., degree, 792
 Thistlethwaite, D. L., appointment, 1277
 Thoeming, Lea C., degree, 808
 Thom, Kathleen J., appointment, 400, 1080
 Thom, W. J., appointment, 257, 1093
 Thoman, J. E., degree, 1245
 Thomas, C. R., appointment, 1446
 Thomas, C. W., degree, 1286
 Thomas, Carol H., degree, 811
 Thomas, Carol O., degree, 1250
 Thomas, Doris Y., diploma, 1575
 Thomas, E. E., degree, 419
 Thomas, E. R., degree, 788
 Thomas, Mrs. Frances S., appointment, 1116
 Thomas, G. D., appointment, 1119
 Thomas, G. N., appointment, 76
 resignation, 405
 Thomas, H. B., appointment, 206, 1043
 gift, 1219
 Thomas, J. E., degree, 811
 Thomas, J. G., appointment, 164, 1000
 Thomas, J. H., degree, 788
 Thomas, J. J., degree, 1555
 Thomas, J. T., appointment, 1147
 Thomas, J. W., degree, 1251
 Thomas, Joan L., degree, 811
 Thomas, L. J., appointment, 87, 921
 Thomas, L. W., degree, 1397
 Thomas, M. D., degree, 1238
 Thomas, Margaret, appointment, 319, 1158
 Thomas, Marilyn J., degree, 1543
 Thomas, Marlene H., degree, 807
 Thomas, N. W., appointment, 690
 fellowship, 678
 declination, 684
 Thomas, O. D., degree, 1577
 Thomas, Patricia J., degree, 420
 Thomas, Robert Earl, appointment, 1528
 Thomas, Robert Eugene, degree, 1553
 Thomas, R. W., degree, 1239
 Thomas, Ruth, appointment, 60, 893
 Thomas, Ruth E., degree, 1400
 Thomas, Shirley J., appointment, 1158
 Thomas, Mrs. Sylvia A., appointment, 258,
 1095
 Thomas, T. L., degree, 1243
 Thomas, W. A., appointment, 353, 1181
 Thomas, W. E., appointment, 139, 974, 1446
 Thomas, W. F., appointment, 237, 244, 1076,
 1083
 resignation, 1280
 Thomas, W. H., degree, 816
 Thometz, Mary F., appointment, 645
 Thompson, Albert E., degree, 804
 Thompson, Anson E., appointment, 1230, 1528
 Thompson, Mrs. Alice J., appointment, 286
 Thompson, C. L., Jr., degree, 587
 Thompson, C. M., appointment, 137, 140, 973,
 975
 Thompson, C. W., appointment, 1453
 Thompson, D. E., degree, 822
 Thompson, D. L., degree, 590
 Thompson, E. L., degree, 413
 Thompson, Eleanor J., degree, 1243
 Thompson, Estelle N., degree, 413
 Thompson, G., appointment, 298, 1135
 Thompson, Genevieve B., degree, 800
 Thompson, Geraldine, degree, 1562
 Thompson, H. H., degree, 423
 Thompson, H. M., degree, 822
 Thompson, H. R., degree, 1380
 Thompson, Mrs. Helen S., appointment, 286
 Thompson, Ida, appointment, 1100
 Thompson, J. A., degree, 803
 Thompson, J. H., degree, 813
 Thompson, James R., appointment, 360, 1175,
 1188
 Thompson, John R., member of advisory
 committee, 562
 Thompson, J. T., degree, 1568
 Thompson, J. W., appointment, 140
 Thompson, L. D., degree, 803
 Thompson, L. E., appointment, 270, 1106
 Thompson, L. J., degree, 1556
 Thompson, Mary B., degree, 593
 Thompson, Mildred J., degree, 1245
 Thompson, O. G., appointment, 692
 Thompson, P. I., degree, 829
 Thompson, R. A., member of advisory com-
 mittee, 365, 1195
 Thompson, R. C., degree, 422
 Thompson, Robert E., degree, 822
 Thompson, Roy E., degree, 801
 Thompson, R. R., appointment, 279, 1116
 Thompson, R. S., degree, 818
 Thompson, Ruth H., degree, 414
 Thompson, S. E., appointment, 66, 191, 899,
 1027
 Thompson, V. E., degree, 797
 Thompson, W. F., degree, 799
 Thompson, W. H., appointment, 287, 1123
 degree, 1553
 Thompson, W. J., degree, 1393
 fellowship, 1352
 declination, 1353
 Thompson, W. L., degree, 1401
 Thompson, Wayne N., appointment, 241, 702,
 1081
 Thompson, William N., appointment, 95, 929,
 1444
 degree, 1532
 Thompson, W. O., appointment, 353, 1181
 Thompson Lumber Co., purchase, 501, 838
 Thomson, Mrs. Dorothy S., appointment, 321
 Thomson, J. H., degree, 823
 Thomson, J. M., degree, 820
 Thomson, P. B., degree, 1398
 Thor, A. U., appointment, 99, 117, 933, 950
 Thorek, P., appointment, 363, 1192
 Thorgerson, H. A., degree, 811
 Thornberry, H. H., appointment, 111, 945
 leave of absence, 532
 Thornburn, T. H., appointment, 124, 958,
 1529
 Thorne, C. R., certificate, 842
 Thorne, Mrs. Margaret G., appointment, 316,
 1153
 Thornes, H. F., appointment, 258, 365, 1094
 Thornton, Gloria T., degree, 1238
 Thornton, J. D., degree, 422

- Thornton, Lila, appointment, 11
 Thorp, F. C., degree, 799
 Thorson, L. W., degree, 1396
 fellowship, 777
 Threet, J. C., degree, 590
 fellowship, 513
 Thriege, T. B., certificate, 1338
 Thrift, C. B., appointment, 356, 1184
 Throgmorton, W. L., certificate, 1329
 Throop, H. L., Jr., degree, 593
 Thurber, Joyce A., degree, 1559
 Thurman, Anita E., degree, 454
 Thurman, Mrs. Clara F., appointment, 256
 Thurman, E. J., Jr., degree, 588
 Thurn, Mrs. Betty, appointment, 1109
 Thurn, E. A., degree, 1393
 Thurston, K. L., appointment, 264, 303, 1100,
 1139
 Thurston, L. C., certificate, 1330
 Tibbets, J. C., degree, 588
 Tice, F., appointment, 353, 1181
 Tichacek, L. J., fellowship, 1480
 resignation, 1502
 Tichy, F. C., Jr., degree, 1392
 Tiearney, Mrs. Miriam E., appointment, 265,
 266
 Tiearney, T. C., degree, 589
 Tiebout, H. M., appointment, 81, 697, 915,
 1277
 Tiedemann, A. T., degree, 792
 Tiegs, Gladys, appointment, 9
 Tienhoven, Ari V., appointment, 400
 Tierney, J. M., appointment, 1102
 Tierney, M. J., degree, 593, 1547
 Tietz, E., degree, 1394
 Tietze, A., appointment, 1500
 Tiffany, R. G., degree, 803
 Tiffin, J. J., appointment, 271
 Tiffy, A. C., certificate, 42
 Tigerman, H., appointment, 45
 Tigerman, V. S., degree, 1284
 Tighe, Mrs. Emily M., appointment, 333
 Tighe, J. P., appointment, 249, 1088
 degree, 413
 leave of absence, 779
 Till, Shirley, appointment, 1172
 Tilley, J. L., degree, 1246
 Tillman, A. C., appointment, 76, 909
 degree, 409
 Tillman, Mrs. Sarah E., appointment, 1160
 Tilroe, Joann E., degree, 593
 Timblin, W. S., appointment, 355, 1183
 Time Table, printing, 467, 1305, 1465
 Timm, R. F., Jr., degree, 799
 Timmerhaus, K. D., appointment, 1381
 degree, 1385
 Timmerman, J. E., degree, 1246
 Timmis, Mrs. Beatrice S., appointment, 242,
 1081
 Timmons, B. F., appointment, 84, 699, 918,
 1454
 Timmons, Irma N., degree, 1397
 Timmons, M. L., degree, 592
 Timpton, R. H., degree, 825, 827
 Tinder, R. K., degree, 801
 Tinen, J. V., Jr., certificate, 842
 Tinen, W. J., certificate, 1507
 Tiner, J. D., degree, 1386
 Tiner, Mrs. Lyla G., resignation, 405
 Tiner, Marie R., degree, 1555
 Tingley, Ava M. E., degree, 416
 Tingley, D. F., appointment, 695
 Tink, E. M., degree, 588
 Tinkham, R. A., appointment, 1529
 Tinkoff, Ellen S., degree, 1398
 Tintin, W. F., degree, 1394
 Tinsley, C. H., appointment, 447, 512, 775,
 1012
 resignation, 1234
 Tipescu, G., certificate, 42
 Tippo, O., appointment, 71, 512, 689, 904
 Tipsord, D. D., degree, 1393
 Tipsword, W. E., degree, 1568
 Tiritilli, A. P., degree, 1394
 Tiritilli, Mrs. Irma J., appointment, 260
 Titanium Alloy Manufacturing Division, Na-
 tional Lead Co., gift, 1212, 1469
 Titley, R. J., appointment, 176
 resignation, 778
 Titus, A. H., Jr., degree, 819
 Titus, J. S., appointment, 478, 946
 Titus, R. F., degree, 1537
 Tjarksen, B. C., degree, 591
 Tobias, Mrs. Agnes M., appointment, 272, 273,
 1109
 Tobias, Helen J., appointment, 297, 1133
 Tobias, J., appointment, 106, 940, 1424
 degree, 1385
 Tobin, Joyce, appointment, 323
 Tobin, M., certificate, 489
 Tobin, Marguerite, degree, 1560
 Tobolski, C. J., degree, 818
 Tochalauski, A. F., degree, 827
 Tod, Ida F., appointment, 185, 1020
 Todd, Elizabeth, appointment, 1448
 Todd, Grace, appointment, 321
 Todd, J. C., degree, 1573
 Todd, Mrs. Mary L., appointment, 1173
 Todd, W. R., degree, 422
 Tokich, Florence, appointment, 329, 1171
 Tolbert, Marian E., appointment, 351, 400,
 943, 949
 Toliver, C., appointment, 308, 1144
 Tolliver, Maudeen, appointment, 320
 Tolly, D. B., degree, 1551
 Tolman, J. R., degree, 794
 Tolomeo, Prudence P., appointment, 204, 1038
 Tom, Priscilla J., degree, 596
 Toman, K. K., appointment, 400, 962, 1529
 degree, 1534
 Tomasson, T. A., degree, 1555
 Tomcik, Vera A., degree, 1561
 Tomenendal, E. J., Jr., degree, 804
 Tometich, W. H., degree, 419
 Tomizawa, Mrs. Mary, appointment, 1095
 Tomizuka, C. T., appointment, 875
 degree, 795
 Tomlin, Henrietta, degree, 1396
 Tomlinson, A. E., appointment, 167
 declination, 449
 Tomlinson, Mrs. Mary E., appointment, 250
 resignation, 573
 Tomlinson, R. M., degree, 1243
 Tomm, C. G., degree, 1549
 Tomme, J. C., Jr., degree, 1555
 Tompkins, Margery, degree, 811
 Tomsa, Margaret P., degree, 807
 Tong, Hsueh C., degree, 1553
 Tong, K. N., appointment, 134
 degree, 783
 Toni Co., gift, 553, 1215
 Tonigan, R. F., degree, 581
 Tonkin, W. M., appointment, 181, 400, 1017
 degree, 785
 resignation, 1353
 Toohey, J. V., degree, 1246
 Toohey, Mary B., appointment, 320
 Toohey, Rita J., appointment, 307, 1144
 Toohey, T. B., Jr., certificate, 1329
 Tooker, E. W., degree, 1534
 fellowship, 680
 Tooley, C., appointment, 269, 1105
 Tooley, F. V., appointment, 123, 956
 Toombs, Marilyn J., degree, 813
 Toomey, Anne, appointment, 313
 Toomey, T. F., degree, 822
 Topp, R. F., appointment, 145
 declination, 405
 Toppe, Marjorie E., appointment, 301
 Topping, A. D., appointment, 134
 degree, 576
 resignation, 573
 Toppmeyer, R. B., degree, 588
 Torbeck, A. S., degree, 802

- Torbet, C. L., degree, 807
 Torch, Mrs. Bernice L., appointment, 400
 degree, 789
 Torch, R., fellowship, 777
 Torda, P., appointment, 122, 956
 Torgersen, T. H., degree, 818
 Torgerson, R. S., certificate, 430
 Torhan, G., resignation, 405
 Toriello, L. A., appointment, 308, 1145
 Torkildsen, R. A., degree, 792
 Tornello, Ajean, degree, 813
 Torode, J. M., degree, 807
 Torok, N., appointment, 512, 1188
 Torrence, D. L., degree, 1239
 Torricelli, W. V., degree, 1572
 Torrington Co., purchase, 615
 Tort, Mrs. Ferdina J., appointment, 242, 1081
 Toshiko, A., appointment, 1169
 Tosky, R. F., degree, 1286
 Tossy, C. S., degree, 1560
 Toth, E. F., appointment, 153, 988
 Toton, C. E., degree, 823
 Totsch, Donna M., appointment, 291, 1127
 Toubes, Judith E., degree, 1550
 Touchberry, R. W., appointment, 104, 938,
 1351
 Tourek, Barbara A., degree, 1250
 Towell, Jean A. A., degree, 1560
 Towels, purchase, Chicago General Stores, 439
 Physical Education, 526
 Towel service, Physical Plant, 377
 Towler, A. D., degree, 799
 Townner, F. W., degree, 1570
 Towner, J. H., appointment, 249
 degree, 1243
 resignation, 879
 Townley, W. C., Jr., degree, 1392
 Townsend, E. J., appointment, 80, 913
 Townsend, F. G., appointment, 75, 908
 Townsend, Mrs. Verna R., appointment, 699,
 1454
 Toxicology, appropriation, balance reappropri-
 ated, 40
 budget, 209, 310, 1045, 1148
 Toy, K. L., degree, 1249
 Toy, Wing N., degree, 1389
 Toye, Mrs. Lola L., appointment, 261, 1097
 Tozer, C. L., degree, 424, 1236
 Tozier, Barbara J., degree, 1566
 Trace elements in soils and crops, study, con-
 tract, 713
 Trachtenberg, L. H., degree, 824, 1570, 1575
 fellowship, 877
 Tractors, purchase, Agriculture, 376, 524
 Aviation, 342
 Dairy Science, 377
 Dixon Springs Experiment Station, 376
 Physical Plant, 614
 Tracy, D. C., certificate, 1329
 Tracy, Mrs. Nancy R., appointment, 1113
 Tracy, P. H., appointment, 105, 107, 939, 940
 discovery, patent rights, release, 1258
 leave of absence, 604
 Tracy, W. F., degree, 1393
 Traeger, Shirley, appointment, 328, 1170
 Trailer, Agronomy, gift, 1214
 purchase, 766
 Trainer, E. Elizabeth, appointment, 154
 Trammel, O. B., appointment, 268, 1105
 Transformers, Physical Plant, appropriation,
 492
 purchase, 526, 851
 Transformer vaults, Altgeld Hall, contract,
 564
 release of funds, 540
 Bussey and Evans Residence Halls, contract,
 379
 Harker Hall, contract, 564
 release of funds, 540
 Talbot Laboratory, contract, 564
 release of funds, 540
 Transient load voltage fluctuations, study, con-
 tract, change, 1417
 Transmitter and tower, Radio Station, con-
 struction, appropriation, 492
 contracts, 493, 560
 location, 492
 Transparent Package Co., contract, 1464
 Trapp, D. J., degree, 795
 Trapp, R. R., degree, 803
 Trares, R. W. M., degree, 814
 Trauba, Hedwig B., appointment, 327, 1169
 Traugott, C. H., degree, 1396
 Traut, E. F., appointment, 353, 1181
 Travel Fund in Orthopaedic Surgery, addition,
 gift, 1219
 Travel Fund in Pediatrics, addition, gift, 1219
 Travenol Laboratories, Inc., contract, 1495
 Travers, A. W., degree, 1555
 Travis, R. G., degree, 819
 Treadway, Shirley M. K., degree, 1567
 Treanor, R. C., degree, 824, 1575
 Treasurer, annual report, 665
 appointment, 504
 authority to receive money, 601
 bond, 518, 601, 868
 increase, 379
 election, 601
 report, 1463
 signature, delegation for withdrawals from
 Dentistry, Medicine, and Pharmacy
 Construction Fund Account, 666
 Trebilcock, J. T., appointment, 166, 695, 1002
 Treciokas, L. J., degree, 811, 1539
 Treder, Pauline J., degree, 596
 Treen, Ruth M., degree, 1396
 Tree plantation, McCullough Farm, develop-
 ment, 1463
 Trees, Charlotte J., appointment, 1123
 Trees, Mr. and Mrs. M. J., gift, 483, 529
 cancelled, 1269
 Trefz, C. C., degree, 1248
 Trelease, A. W., degree, 786
 Trelease, Mrs. Leah F., appointment, 75, 908
 Trelease, S. B., insurance, purchase, 614
 Tremaine, M. J., appointment, 364, 1192
 Tremper, W. E., certificate, 527
 Trench coats, Military, purchase, 1343
 Trenchfoot, study, contract, 610
 Trenning, H. E., degree, 797
 Trense, R. V., degree, 1249
 Trepanier, P. J., degree, 1549, 1551
 Trepte, F. H., degree, 587
 Tresley, J., appointment, 1277
 Tresnak, F. J., degree, 1565
 Trewyn, Joyce G., degree, 421
 Trezek, T. J., degree, 1395
 Trezise, F. W., appointment, 245, 1084
 Triantos, A., degree, 1568
 Tribe, Mary L., degree, 1560
 Triebel, W. H., degree, 1249
 Trifilio, N. R., degree, 1393
 Trigg, G. L., appointment, 875
 Trigg, J., appointment, 1105
 Trigger, K. J., appointment, 45, 129, 696, 963
 Trimble, Dolly D. P., degree, 1560
 Trimble, H. A., degree, 577
 Trimble, H. D., appointment, 146, 983
 leave of absence, 1353, 1503
 Trimble, M. W., appointment, 272, 1108
 Trimble, P. K., degree, 1552
 Trimmer, R. W., appointment, 353, 1181
 Trinko, L. E., degree, 1565
 Trinko, Mrs. Rosemary, appointment, 1103
 Tripi, J. R., degree, 594
 Triplett, D. C., degree, 595
 Tritelli, J., degree, 822
 Trjitzinsky, W. J., appointment, 80, 913
 leave of absence, 604
 Trobaugh, Mrs. Virginia, appointment, 305
 Troemel, D. L., degree, 1555
 Trogon, R. L., appointment, 1351

- Trognitz, R. H., degree, 589
Trojanek, Mrs. Emma, appointment, 329, 1169
Tropp, D. Z., certificate, 1338
Tropp, H. S., degree, 1399
Trosinski, E. S., degree, 591
Tross, C. H., degree, 1544
Tross, Mrs. Dorothy T., appointment, 276
Tross, R. F., degree, 425
Trost, R. H., degree, 1563
Trotier, A. H., appointment, 167, 170, 182, 1003, 1006, 1017
Trotta, Concetta, appointment, 315, 1153
Trotta, Eleanor, appointment, 319
Trotter, L. J., appointment, 280
Troupis, D. T., degree, 1248
Trovillion, P. L., Jr., degree, 799
Trowbridge, Gladys, appointment, 1096
Troxel, R. N., degree, 413
Troxel, Wilma, appointment, 168, 231, 512, 1004, 1069
Troxell, L. R., Jr., degree, 423
Troyanowski, C. T., degree, 814
Troy Laundry Machinery Division, American Machine & Metals, Inc., purchase, 767
Truchly, V., appointment, 1478
Trucks, appropriation, Agricultural Engineering, 655
 Animal Science, 339, 667
 Dairy Science, 1340
 Horticulture, 1301
 purchase, Agricultural Engineering, 671
 Agriculture, 376
 Agronomy, 671
 Animal Science, 341, 712
 Dixon Springs Experiment Station, 768
 Extension Service in Agriculture and Home Economics, 499
 Horticulture, 1327
 Physical Plant, 343, 468, 525, 669, 712, 766
 Physics, 854
Trueblood, L. I., degree, 408
Trujillo, A. M., degree, 580
Truman, Mrs. Mary E., appointment, 260, 1096
Trumbower, W. C., appointment, 310, 1148
Trumbull, J. W., degree, 1399
Trump, J. L., appointment, 146, 983
 book, printing, 377
 leave of absence, 1488
Trustees, *See* Board of Trustees.
Trust funds, summary, 56, 196, 889, 1031
Trychta, H. T., degree, 596
Tryner, Mrs. N. Louise, property, purchase, 348
Tryon, J. W., degree, 1553
Tsai, Ching-Hsian W., degree, 579
Tsai, T. H., appointment, 1122
Tse, Shou-Cheng, degree, 1539
Tsu, Laura N., appointment, 1424
Tsumagari, Mrs. Lily, appointment, 308
Tsuru, Haruo, degree, 579
Tsuzuki, Toshio, degree, 1240
Tu, Pin C., fellowship, 1483, 1529
Tu, Tu, degree, 450
Tuberculosis Research, Institution for, appropriations, balances reappropriated, 40
 budget, 225, 315, 1062, 1153
 biennial, approved, 442
Tubes, electronic digital computer, purchase, 343
Tubing, Physics, purchase, 767
Tucker, Barbara E., degree, 1250
Tucker, D., appointment, 280, 1381
 degree, 1248
Tucker, D. W., degree, 795
Tucker, Mrs. Hilda, appointment, 317, 1157
Tucker, J. L., appointment, 174, 179
 degree, 786
 resignation, 573
Tucker, N. E., certificate, 842
Tucker, Mrs. Priscilla P., appointment, 1132
Tucker, R. F., Jr., appointment, 1334
 degree, 1246
Tucker, T. C., appointment, 775, 1230
Tucker, W. T., degree, 414
Tuckey, S. L., appointment, 106, 939
Tudor, W. J., degree, 802
Tufo, P. E., degree, 1577
Tuftee, A. O., degree, 827
Tuggle, J. D., degree, 1538
Tuggle, W., degree, 1388
Tuinenga, W., degree, 803
Tuition fee, nonresident, increase, 539
 agriculture short courses, 1220
Tull, J. P., degree, 1559
Tull, R. G., degree, 1559
Tulley, W. L., degree, 829
Tullio, V., degree, 782
Tullock, W. M., appointment, 259, 1095
Tully, G. E., degree, 784
Tulsky, M. H., certificate, 42
Tuma, Alice M., degree, 1550
Tuma, J., appointment, 308, 1141
Turnaroff, C., degree, 590
Tumbarello, G. L., degree, 590
Tumor Clinic, funds, gift, 556, 1216
Tumor research, gift, 1472, 1473
Tung, Chi F., degree, 579
Tung, Lu-Ho, appointment, 1529
 degree, 1281
Tung, Pao-Chun, degree, 782
Tung, Shih-pai, degree, 782
Tung, Tie P., appointment, 45, 572, 959, 1230
Tung-Sol Electric Co., purchase, 1344
Tung-Sol Lamp Works, Inc., purchase, 343
Tunis, M., degree, 1240
Tupper, Caroline, appointment, 75, 908
Tupper, Mildred E., degree, 596
Turbine generator, Abbott Power Plant addition, contract, erection, 25
 piping insulation, 25
Turcott, Betty, appointment, 1114
Tures, A., Jr., certificate, 489
Tures, R. and H. J., Cook County Experiment Station, sale, 566
Turicchi, Mrs. Rose, appointment, 332, 1174
Turigliatto, Lucille G., appointment, 291, 1127
Turke, B. A., degree, 419
Turkey disease, study, contract, 1464
Turkiewicz, Mrs. Dorothy, appointment, 320, 1159
Turley, Patricia J., degree, 1560
Turnblom, H. W., certificate, 1329
Turnbow, C. R., degree, 797
Turnbow, R. E., degree, 594
Turner, A. M., degree, 590
Turner, C. J., degree, 425
Turner, Mrs. Eva F., property, purchase, 348
Turner, F. A., degree, 578
Turner, F. H., appointment, 63, 896
 leave of absence, 879
Turner, G. C., appointment, 354, 1182
 resignation, 1334
Turner, H. C., degree, 583
Turner, Harold Edward, degree, 791
Turner, Harold Eugene, degree, 594
Turner, Horace E., appointment, 358, 1187
 gift, 1219
Turner, Mrs. Helen D., appointment, 110, 119, 400, 943, 952
Turner, Helen J., appointment, 262
Turner, J. H., degree, 413
Turner, Justine, degree, 408
Turner, LaRae J., appointment, 1095
Turner, Laura B., degree, 1238
Turner, Lona L., appointment, 243
Turner, Peggy L., degree, 1556
Turner, M. E., degree, 1399
Turner, Magdalene, appointment, 11
Turner, Margery, appointment, 161, 996
 declination, 1234
Turner, Marilyn J., appointment, 259, 1093
Turner, Mary E., appointment, 276, 1112

- Turner, Mary P., appointment, 318, 1157
 Turner, Maryellen, appointment, 1147
 Turner, Nellie M., degree, 800
 Turner, Richard M., degree, 422
 Turner, Robert M., degree, 794
 Turner, Mrs. Virginia, appointment, 1170
 Turner, Wanda F., degree, 594
 Turney, Nancy A., degree, 817
 Turnock, Mrs. Elizabeth, appointment, 267
 Turquette, A. R., appointment, 81, 136, 914, 1453
 Turquette, Mrs. Lucille L., appointment, 1130
 Turyn, A., appointment, 73, 691, 906
 leave of absence, 1408
 Turyn, A. S. G., degree, 1398
 Tushaus, J. P., degree, 1568
 Tuthill, J. K., appointment, 126, 693, 960, 1448
 Tuttle, Beatrice, degree, 413
 Tuttle, Claudcan E., degree, 408
 Tuttle, D. M., degree, 1385
 Tuttle, G. P., appointment, 62, 512, 894
 Tuttle, LaVerna, degree, 413
 Tverberg, Margaret J., degree, 828
 Twardock, Dorothy O., degree, 1390
 Tweedell, K. S., appointment, 1230
 Tweedell, Rosemary A., degree, 1564
 Twenhafel, R. W., degree, 799
 Twigg, W. W., degree, 1401
 Twin City Equipment Co., purchase, 376
 Twin City Federation of Labor, wage rates at Robert Allerton Park, objections, 1201 request, 443
 Twin City Printing Co., purchase, 377, 853
 Twist, Jane E., appointment, 400, 906, 1230
 Twitchell, L. D., degree, 815
 Twitchell, Mrs. Nadyne M., appointment, 301, 1351
 Twitty, C. H., degree, 811
 Twomey, G. M., degree, 584
 Twomey, Mary S., degree, 817
 Twomey, Verdene, appointment, 302
 Tykociner, J. T., appointment, 126, 960
 Tyler, Leona M., appointment, 1108
 Tyler, M. C., degree, 589
 Tyler, R. S., degree, 1548
 Tyman, S. D., appointment, 217, 1053
 leave of absence, 779
 Tylutki, E. E., degree, 592
 Tyner, E. H., appointment, 99, 932
 Tyska, Theresa, appointment, 324, 1162
 Tyssen, K. J., degree, 419
 Uarco, Inc., purchase, 711
 Udasin, H., degree, 1561
 Udehn, C., degree, 1570
 Udstuen, G. G., degree, 598
 Ueberrhein, Priscilla J., degree, 1551
 Uebler, J. R., degree, 421
 Uehrke, Gladys, appointment, 324, 1163
 Uhlemann Optical Co., purchase, 1521
 Uhlenhop, H. L., Jr., degree, 1556
 Uhlir, R. W., degree, 1550
 Uhrhan, Evelyn E., degree, 451
 Uhrlik, R. L., degree, 1552
 Uitto, W. W., degree, 1566
 Ujiiye, G. I., degree, 802
 Ulatowski, J. F., degree, 1540
 Ulberg, R. J., degree, 1556
 Ulbrich, L. F., degree, 1548
 Ulbricht, R. E., degree, 1556
 Ulic, Joan, appointment, 1142
 Ullman, J. D., degree, 803
 Ullmer, J. H., degree, 594
 Ulloa, Margot, appointment, 219, 1055
 Ulfrey, D. E., appointment, 775
 Ullrich, W. J., degree, 803
 Ullrich, W. C., degree, 830
 Ulm, E. S., Jr., degree, 589
 Ulrich, C., Jr., degree, 1567
 Ulrich, G. A., degree, 453
 Ulrich, R. E., degree, 816
 Ultracentrifuge, appropriation, balance reapropriated, 1197
 purchase, 1416
 Underhill, Ann L., degree, 1556
 Underwood, D. C., certificate, 1292
 Underwood, D. M., degree, 802
 Underwood, G. F., degree, 1236
 Underwood, Mrs. Gwyn M., appointment, 1103
 Underwood, Lucy E., appointment, 304, 1140
 Underwood, R. B., appointment, 215, 218, 1051, 1054
 leave of absence, 733
 Underwood Corp., purchase, 558
 stock, sale, 834
 Unfer, Edna, appointment, 1138
 Unfer, L., appointment, 244, 512, 703, 1083, 1458
 degree, 783
 Ungar, V. R., degree, 1395
 Unger, Harriet F., appointment, 1308
 Unger, I. W., degree, 822
 Unger, O. E., appointment, 301, 1137
 Unick, A. J., degree, 420
 Uniforms, military, purchase, 344, 527, 767, 1263, 1495
 Union Building, *See* Illini Union Building and Chicago Illini Union Building.
 United Cerebral Palsy Association, Inc., contract, 1327
 gift, 1472
 United Engineering Trustees, Inc., gift, 1470
 United Spanish American War Veterans, Department of Illinois Auxiliary, gift, 548
 United States Department of Agriculture, contract, 1207, 1327, 1521
 United States Department of Labor, contract, 378
 change, 1208
 United States Department of State, contract, 1264
 request, services of T. E. Benner, and K. B. Henderson, 462
 United States Electric Supply, purchase, 1344
 United States Government, bonds, exchange, 568
 purchase, 1291
 sale, 568, 835, 1497
 certificates of indebtedness, exchange, 1421
 purchase, 1420
 contracts, budget, 56, 194, 196, 889, 1029, 1031
 Aeromedical and Physical Environment Laboratory, 225, 1062
 Agriculture, 91, 924
 Aviation, 1012
 Chicago Professional Colleges, 197
 Dentistry, 214, 1051
 Education, 979
 Engineering, 121, 954
 Extension Division, 173, 1008
 Graduate College, 135, 222, 970, 1059
 Liberal Arts and Sciences, 70, 903
 Medicine, 200, 1036
 Physical Education, 158, 993
 Small Homes Council, 180, 1015
 Urbana-Champaign departments, 58
 Veterinary Medicine, 997
 research contracts, patent policy, 665
 United States Industrial Chemicals Corp., contract, 1206
 United States National Bureau of Standards, contract, 1327
 United States Plywood Corp., purchase, 712
 United States Public Health Service, gift, 550, 554, 1214, 1217, 1470, 1472
 University Civil Service System of Illinois, established, 843
 Merit Board, activities, report, 1503
 University representatives, 844
 University Extension, *See* Extension.
 University High School, appropriations, balances reapropriated, 38, 1197, 1198

- University High School, cont'd
 budget, 150, 285, 985, 1122
 fire alarm evacuation signal system, contract, 344
 fund for books, use, 34
 gymnasium, asphalt tile floors, contract, 545
 lighting system, improvements, appropriation, 521
 space for cleft palate training program, 472
 University of Chicago, training of medical social workers, agreement, 1358
 University of Illinois Band Association, gift, 551
 University of Illinois-Cook County School of Nursing, faculty, appointment, 1306
 University of Illinois Employees Union 698, letter, merit increases for nonacademic staff, referred to Committee on Nonacademic Personnel, 1332
 University of Illinois Library School Association, gift, 1469
 University of Tennessee Library, gift, 550, 1213
 University Press, *See* Press.
 University Retirement System, *See* Retirement System.
 Unna, K. R. W., appointment, 209, 1045, 1478
 Unruh, W. O., appointment, 1424
 degree, 583
 Unsell, Jo Ann E., degree, 1247
 Unterberg, W. J., degree, 804
 Unti, E., degree, 1570
 UpDike, Lillian, appointment, 320
 Uphoff, E. G., degree, 593
 Upjohn Co., contract, 1495
 change, 713, 769
 gift, 549, 553, 1212, 1216, 1472
 Upshaw, H. S., appointment, 324
 Upstrom, K., contract, 1517
 Uptegraff, R. E., Manufacturing Co., purchase, 526, 851
 Upton, Mrs. Dolores J., appointment, 282
 Upton, R. A., degree, 811
 Uram, M. S., Jr., degree, 1559
 Urata, Takeo, degree, 1559
 Urbana, city of, agreement, improvement of Goodwin Avenue, 1303
 maintenance of Lincoln Avenue storm sewer, 845
 annexation of University property, 465
 lease, 1464
 storm sewers on University property, easements, 666
 Urbana Park District, expansion to include University property, approved, 1419
 Urbancsek, A. M., degree, 413
 Urbanski, J. F., degree, 425
 Ure, Florence Y., degree, 815
 Urist, M., appointment, 358, 1186
 Urkov, M. S., degree, 1559
 Urogastron, research, gift, 552
 Urology, clinical faculty, 364, 1192
 Urquhart, R. O., degree, 1399
 Ursic, S. J., appointment, 45
 leave of absence, 532
 resignation, 646
 Usher, Elinor A., degree, 1556
 Usry, Edith M., appointment, 156, 990
 leave of absence, 1408
 Utech, A. L., degree, 585
 Utilities Distribution System, Chicago, extension, contract, 472, 708
 release of funds, 338, 434
 Urbana, extension, contract, 25, 345, 347, 370, 493, 494, 564, 609, 1495
 engineering services, 437, 763
 release of funds, 339, 367, 433, 519, 540, 705
 Warner Construction Co. contracts, President's report, 615, 619
 settlement, 1374
 Utilities lines, Chicago, relocation, 657
 Utley, Jean L., appointment, 207, 400
 Utter, E. H., degree, 417
 Utter, Mrs. Laura K., appointment, 301, 1138
 Utter, R. E., degree, 598, 1548
 Uttich, B. R., degree, 588
 Uyttebrouck, G., degree, 822, 1536
 Vabasalu, Maimu, degree, 1544
 Vacations, nonacademic employees, 1432
 policy, amendment, action deferred, 1517
 proposed, 1516
 Vaccaro, A. C., degree, 419
 Vaccine, mumps, research, gift, 769, 1215
 Vacco, Mrs. Ruth, appointment, 319, 1158
 Vacketta, H. C., degree, 799
 Vackavek, G. J., degree, 585
 Vacuum coating unit, Electrical Engineering, purchase, 837
 Vacuum pump, Chemistry, purchase, 852
 Vadder, Mrs. Helen, appointment, 320, 1159
 Vahradian, C., degree, 1537
 Vail, R. E., degree, 418
 Vail-Ballou Press, Inc., purchase, 1495
 Vaitulonis, Viola, degree, 592
 Valach, J. S., degree, 1540
 fellowship, 1352
 Valaitis, J., appointment, 1351
 Valdez, Mabel A., appointment, 210, 229
 resignation, 879
 Valenta, M. W., degree, 1552
 Valentine, R. W., degree, 588
 Valentine, S. J., degree, 1550
 Valentine, S. M., appointment, 1095
 Valentino, R. R., degree, 1567
 Valerio, Camille F., degree, 1564
 Valerius, M. R., degree, 1401
 Valette, E. D., degree, 1394
 Vallejo-Pradel, Elsa V., fellowship, 877
 Valone, R. J., appointment, 358, 1187
 Van Alyea, O. E., appointment, 359, 1187
 Van Arsdell, P. M., appointment, 141, 691, 976, 1447
 Van Bebbler, Alice H., degree, 1560
 Van Berschot, Nancy V., degree, 592
 Van Buren, Florence, appointment, 309, 1145
 Van Buskirk, Georgia L., appointment, 295, 1131
 Van Buskirk, R. V., degree, 1563
 Van Camp, J. C., Jr., appointment, 107, 117
 resignation, 1234
 Vance, Betty J., degree, 1396
 Vance, F. M., Jr., degree, 816
 Vance, G. A., appointment, 201, 205, 1230
 leave of absence, 647
 Vance, Mrs. Mary A., appointment, 185, 1020
 Vance, P. A., Jr., degree, 803, 1542
 fellowship, 679, 1482, 1529
 Vance, R. F., degree, 1533
 Vance, R. S., degree, 1562
 Vance, Valerie R., degree, 1399
 Van Cleave, H. J., appointment, 87, 921
 leave of absence, 574
 Van Dam, T. E., Jr., appointment, 400, 703, 1083, 1458
 Vande Bunt, Carol J., appointment, 237, 1077
 Vandello, Mrs. Mary J., appointment, 295
 VanDemark, N. L., appointment, 104, 937
 Van Den Berg, J., fellowship, 1483
 VanDenend, Mrs. Jane, appointment, 318
 Van der Burch painting, gift, 529
 Vanderhyden, Dorothy, appointment, 1163
 Vanderkloot, A., appointment, 353, 1181
 Vanderkolk, W. W., appointment, 326, 1168
 Vander Laan, C. A., appointment, 1181
 Vanderwall, J. V., appointment, 272, 1108
 Van de Steeg, J. Evelyn, appointment, 9
 VandeSteeg, Joan M., degree, 808
 Vandevender, W. H., degree, 1547
 Vandiver, H. D., appointment, 261
 Van Doren, C. A., appointment, 400
 declination, 405
 Van Duser, M., Jr., degree, 592

- Van Duuren, B. L., fellowship, 731, 1501
 Van Duyne, Frances O., appointment, 108, 115, 942, 948
 Van Dyke, J., Jr., appointment, 308, 1141
 Van Dyke, Nellie M., appointment, 676, 1307
 Vanek, M., degree, 1400
 Van Fossan, Mrs. Norma R., appointment, 1125
 Van Gelder, R. G., degree, 1392
 Van Gerpen, H. W., degree, 414
 Van Gorkom, J. W., certificate, 489
 Van Hazel, W., appointment, 213, 1049
 Van Heyningen, V. F., degree, 788
 Van Holland, C., appointment, 281, 1117
 Van Hooreweghe, Mrs. Helen, appointment, 1122
 Van Horn, D. H., degree, 1392
 Van Horne, J., appointment, 85, 699, 919
 Van Huss, W. D., appointment, 1453
 Van Jacobs, Ruth, appointment, 321
 Van Keuren, E. C., appointment, 241, 702, 1080
 Van Loon, Mrs. Helen L., appointment, 297
 Van Loon, R. F., degree, 593
 Van Matre, Janet L., degree, 795
 Van Norden, Mrs. Florence J., appointment, 400
 resignation, 778
 Van Norman Co., purchase, 613
 Van Nortwick, Mrs. Mary, appointment, 1148
 Van Pernis, P. A., appointment, 1277
 Van Prohaska, J., appointment, 1192
 Van Reenen, R. I., degree, 419
 Van Sandt, E. D., degree, 1572
 Van Sickle, J. W., appointment, 400, 1012
 Van Sickle, R. E., certificate, 42
 Van Slyke, J. K., appointment, 96, 118
 declination, 405
 Vanthof, Katy, degree, 1544
 Van Tienhoven, Ari, degree, 580
 resignation, 1234
 Van Til, W., appointment, 144, 980
 resignation, 879
 Van Velzer, H. L., appointment, 128
 declination, 405
 Van Velzer, Verna J., degree, 421
 Van Velzer, Virginia C., degree, 421
 Van Vlaardingen, Ruth, degree, 1538
 Van Winkle, P. J., degree, 786
 Van Winkle, W., Jr., appointment, 361
 Vardaman, Mrs. Hazel C., appointment, 241, 1081
 Vardaman, Vera, appointment, 11
 Varney, R. N., appointment, 875
 Varrial, V. A., degree, 823
 Varvel, Hazel L., appointment, 292, 1129
 Varzhabedian, A. R., degree, 1577
 Varzino, L. S., appointment, 358, 1187
 Vascular grafts, growth, research, gift, 554
 Vasilieff painting, color plates, funds, gift, 1468
 Vassalotti, A., fellowship, 681
 resignation, 1316
 Vassalotti, Concetta M., fellowship, 682, 1485
 declination, 1487
 Vatter, A. E., Jr., degree, 1539
 Vaughan, D. A., appointment, 936, 949
 Vaughan, H. E., appointment, 80, 913, 1451
 leave of absence, 1408
 Vaughan, R. T., appointment, 362
 Vaughn, Annie M., degree, 1285
 Vaughn, Estella, degree, 1238
 Vaughn, Florence, appointment, 11
 Vaught, Wilma L., degree, 1398
 Vaundry, G. A., appointment, 1165
 Vavrus, C., degree, 1550
 Vawter, G. F., appointment, 360, 400, 1061, 1188, 1230
 resignation, 1530
 Vawter, J., appointment, 124, 691, 958, 1446
 Veale, Mrs. Eula H., appointment, 287, 1124
 Veale, P. T., appointment, 99, 933
 leave of absence, 647
 Veazey, T. M., fellowship, 775
 Vegetable crops, advisory committee, 1195
 Veirs, J. W., degree, 1572
 Velardi, E. J., Jr., degree, 1566
 Velasquez, M. A., degree, 1547
 Velde, J. A., member of Board of Examiners in Accountancy, 1254
 Veletos, Anestis S., appointment, 1277
 Velsicol Corp., gift, 549, 1212
 Veneklasen, Patricia D., degree, 423
 Venema, H. J., appointment, 127
 declination, 479
 Venerable, Carol, degree, 1236
 Venetian blinds, Physical Plant, purchase, 671
 Venters, Mrs. Joan R., appointment, 325
 Venters, K. D., degree, 827, 831
 Ventilating work, contract, Agricultural Engineering Annex, 847
 Animal Sciences Laboratory, addition, 715, 850
 Busey Hall, 763
 Dentistry-Medicine-Pharmacy Building, alterations, 463
 East Dentistry-Medicine-Pharmacy Building, contract, 1414
 Huff Gymnasium, 340
 Medical Betatron, 658
 Men's Residence Hall, 763
 minor alterations and remodeling, 368, 848, 1519
 Noyes Laboratory, 527, 1203
 Physical Medicine quarters, 849
 Radiocarbon Laboratory, 638
 Research and Educational Hospitals Addition, change, 639
 residence hall in Chicago, 650, 1312
 residence halls, 1290
 Staff Apartment Building in Chicago, 650, 1312
 Stock Pavilion addition, 846
 Veterinary Medicine Building, addition, 438
 Veterinary Medicine Building annex, 493
 Medical Betatron, appropriation, 655
 Ventler, Florence C., degree, 581
 Ventresca, D. L., degree, 410
 Venturoni, R. V., degree, 594
 Venzke, Lois O., degree, 1560
 Verbrugghen, A., appointment, 356, 1184
 Verdun, F. L., degree, 808
 Vergara, A. D., degree, 1552
 Verkade, A., degree, 818
 Verkler, R. C., degree, 1286
 Verley, R. W., degree, 1562
 Vermeulen, C. W., appointment, 213, 1049
 leave of absence, 514
 Vermillion, D. E., appointment, 282, 1118
 Vernier, V. G., appointment, 400, 875, 1046
 Versen, W. G., appointment, 45, 249, 1088
 Verton, M. A., degree, 581
 Vertovec, Jean M., appointment, 1230
 Vespa, R., degree, 827
 Vest, E. B., appointment, 241, 572, 1080
 Vest, G. B., degree, 1393
 Vestal, A. G., appointment, 71, 904
 Vestling, C. S., appointment, 72, 690, 905, 1446
 research, funds, gift, 1469
 Veterans, instruction and supplies, contract, 502, 560
 Veterans Administration, contract, 33, 469, 502, 560, 610, 668, 713, 769, 1327, 1464, 1495
 change, 668, 769, 1345
 status, report, 28
 Veterinary Anatomy and Histology, appropriations, balance reappropriated, 38
 budget, 162
 Veterinary Clinic, revolving account, appropriation, 606
 budget, 998

- Veterinary Clinical Medicine, budget, 163
 revolving account, 163
 Veterinary Clinic Building, name, 1493
 Veterinary Medicine, College of, advisory committee, 363, 1195
 appropriations, balances reappropriated, 38, 1197
 budget, 162, 287, 996, 1124
 degrees conferred, 822, 1568
 funds, purchase of journals, gift, 1216
 purchase, autoclave, 612
 autopsy tables, 558, 670
 furniture, 469
 incubating room, 712
 microscopes, 525, 612
 monokymograph, 613
 operating tables, 1520
 sterilizer equipment, 525
 water still, 613
 research laboratory, sale, 539
 Veterinary Medicine Building, annex, construction, contracts, 493
 construction, additional, release of funds, 520
 contract, gas service, 463
 general work, addition, 371, 438, 715
 change, 28
 heating, addition, 438
 laboratory equipment, change, 529
 landscaping, 1203, 1517
 site development, 608, 864
 utilities distribution system, 26
 ventilating, addition, 438
 movable equipment, release of funds, 462
 operation, appropriations, request, 384
 purchase, bookcases, 853
 chairs, 524, 557
 furniture, 469
 library book shelving, 611
 library tables, 557
 lockers, 501
 Venetian blinds, 671
 Veterinary Pathology and Hygiene, appropriations, balance reappropriated, 38
 budget, 163, 998
 Veterinary Pathology Laboratory, fire loss, appropriation, 346
 name, change, 1493
 remodeling, appropriation, balance reappropriated, 39
 Veterinary Physiology and Pharmacology, appropriations, balances reappropriated, 38
 budget, 164
 Veterinary Research, appropriations, balances reappropriated, 37
 budget, 113, 274, 946, 1111
 income, appropriation, 856
 Veterinary science unit, contract, 379
 Vial, C. C., degree, 799
 Vial, D. W., degree, 1553
 Viar, D. L., degree, 1243
 Vice-President's Office, budget, 197, 305, 1032, 1141
 Vicher, E. E., appointment, 202, 1037
 Vick, G. K., degree, 1396
 Vick, Mary E., appointment, 110, 943
 Vick, R. E., degree, 1251
 Vickroy, H. C., degree, 1550
 Victor, A. H., Jr., degree, 1540
 Victor, S., appointment, 362, 1190
 Victor Chemical Works, gift, 549, 1213
 Viens, C. P., appointment, 77, 910, 1450
 Viere, A. J., degree, 588
 Viest, I. M., appointment, 572, 970
 degree, 1283
 Vietz, H., degree, 825, 1575
 Vietz, Mrs. Joyce R., appointment, 1164
 Vietzen, Rose, appointment, 250, 1089
 Vigdorth, E. R., degree, 1240
 Vigon, M. M., degree, 816
 Vil, C. S., appointment, 512, 1184
 Vilaro, Audrey G., appointment, 1449
 Villacorta, Conchita V., degree, 830
 Villarreal, R., fellowship, 646
 Vincitore, M. A., degree, 1246
 Vinck, J. E., certificate, 1357
 Vineyard, M. L., degree, 579
 Vineyard, Mrs. Norma L., appointment, 257
 Vingren, J. C., degree, 819
 Vinnedge, Mrs. Ruth, appointment, 1121
 Vinson, D. A., appointment, 100, 934
 Vinson, E. B., appointment, 1478
 degree, 1385
 fellowship, 680
 resignation, 1353
 Vinyard, C. W., degree, 453
 VioBin Corp., contract, change, 1208, 1417
 gift, 551, 553, 1216
 purchase, 615
 Vipond, J. E., degree, 791
 Virene, R. O., degree, 1553
 Virgilio, N. R., degree, 802
 Virgilio, T., Jr., degree, 1552
 Virus growth, research, gift, 1213
 Virzi, D. R., degree, 1559
 Vishny, S. D., degree, 807
 Visitor's fee, regulations, 1492
 Viskas, V. L., certificate, 1329
 Visking Corp., gift, 549, 1469
 Visual Aids, budget, 175, 292, 1011, 1128
 revolving account, 176, 292, 1011, 1128
 sound films, purchase, 375
 Visual Aids Center, equipment, appropriation, 470
 Visual Communications, appropriation, balance reappropriated, 1197
 budget, 170, 290, 1006, 1126
 Vitamin BT, study, contract, 1305
 Vitamin capsules, Hospital Pharmacy, purchase, 670, 1466
 Vitek, Mildred A., degree, 811
 Vitsotsky, H. M., degree, 827
 Vivarium, remodeling, appropriations, 1339
 balances reappropriated, 39
 Viviano, Catherine, Gallery, purchase, 1466
 Vizek, J. E., degree, 811
 Vizgirdas, J. J., degree, 1556
 Vlasis, G. P., appointment, 1185
 Vliet, R. G., degree, 1567
 Vocational Agriculture, budget, 93, 268, 926, 1104
 degrees, 1255
 Vock, L. G., Jr., degree, 589
 Vockeroth, J. R., fellowship, 1483
 declination, 1487
 Vodick, M. A., degree, 587
 Voelkers, JoAnn H., degree, 828
 Vogel, J. A., certificate, 1329
 Vogel, R. A., degree, 802
 Vogel, R. F., appointment, 1135
 Vogel, W., appointment, 330, 1172
 Vogeles, R. E., appointment, 290
 degree, 1543
 Vogenthaler, Elizabeth T., degree, 1544
 Vogler, C. W., degree, 422
 Vogt, Charlotte E., degree, 800
 Vogt, F. J., appointment, 326, 1167
 Vogt, J. A., degree, 1553
 Vogt, L. R., degree, 1561
 Vohaska, W. J., degree, 820
 Voigt, H. B., degree, 1566
 Voigt, R. F., appointment, 221, 1057
 Voigt, Ruth A., appointment, 331, 1173
 Vojta, C. J., Jr., certificate, 42
 Vokaty, J. F., certificate, 1329
 Volini, J. J., appointment, 327, 1168
 Volk, J. W., degree, 1399
 Volland Studies, purchase, 439

- Volle, F. O., degree, 791
 Vollmer, H. F., degree, 807
 Voltmeter, Physics, purchase, 611
 Von Bonin, G., appointment, 201, 1037
 book, printing, 527
 Von Brandt, G. E., appointment, 297, 1134
 Von Dach, R. F., degree, 822
 VonDrasek, Marie J., degree, 1577
 Von Ebers, D. A., degree, 416
 Von Foerster, H. M., appointment, 126, 512, 960
 Von Fossen, Mary E., degree, 811
 Von Huben, H. R., degree, 587
 Von Leden, H. V., appointment, 1277
 Von Ruden, W. J., degree, 824, 1575
 Von Witzleben, H. D., appointment, 356, 1184
 Vook, R. W., degree, 1545
 Voorheis, J. M., degree, 587
 Vorhaus, L. J., II, appointment, 356
 Voris, D. C., degree, 827
 Voris, R. H., degree, 1542
 Vornle, P., degree, 814
 Voskuil, W. H., appointment, 131, 965
 Voss, H. N., degree, 807
 Voss, J. A., appointment, 272, 1108
 Voss, Mrs. Virginia M., appointment, 281, 1117
 Voss, Mrs. Vernelle C., appointment, 1061, 1069
 Voss, W. E., certificate, 489
 Voyles, H. E., degree, 1536
 Voyles, V. E., degree, 1538
 Vrasic, Mrs. Harriet, appointment, 324, 1163
 Vrdoljak, J. A., degree, 809
 Vriend, G., degree, 586
 Vrooman, G. H., degree, 789
 Vucha, Dorothy M., degree, 590
 Vukadinovich, S., degree, 815
 Vukasins, P. N., appointment, 141, 477
 declination, 1234
 Vursell, Virginia, appointment, 1170
 Vycital, R. O., degree, 831
 Vyzral, A. E., degree, 822

 Waadt, E. D., degree, 1561
 Waananen, M. V., degree, 1538
 Waarich, H. G., Jr., degree, 815
 Wach, E. C., appointment, 216, 1053
 Wachowski, T. J., appointment, 212, 1049
 Wachs, E. G., degree, 423
 Wack, Mrs. E. C., property, purchase, 3
 Wacker, Jacqueline, appointment, 1124
 Wacker, Peggy J., appointment, 270, 1107
 Waddington, Mrs. Grace, appointment, 305, 1141, 1163
 Waddington, H. K., appointment, 400, 1041
 Wade, Beatrice D., appointment, 210, 229, 1042, 1277
 Wade, C. H., degree, 1553
 Wade, Mrs. Edith A., appointment, 1094
 Wade, Elizabeth, appointment, 332
 Wade, L. J., Jr., appointment, 400
 degree, 452
 Wadford Electric Co., contract, 471
 addition, 1261
 change, 522, 639, 1519
 Wadsworth, B. H., degree, 1566
 Wadsworth, J. R., degree, 416
 Waechter, D. E., bid, 849
 Waechter, F. K., degree, 418
 Wagenecht, E. G., degree, 589
 Wages, nonacademic employees, methods of
 determining rates, 1428
 negotiation procedure, 1427
 prevailing rate, definition, 1427
 rates, construction work, Chicago campus
 schedule, 1205
 East Dentistry-Medicine-Pharmacy Build-
 ing, 1415
 Wages, cont'd
 Robert Allerton Park, policy, 372
 referred to Committee on Civil Service
 and Employees, 443
 report of fact-finding committee, 371
 Urbana campus, schedule, 1204
 increase, appropriation, balance reappropri-
 ated, 365
 Waggner, R. N., appointment, 279, 1116
 Waggoner, T. M., degree, 1565
 Waggoner, W. C., member of Board of Exam-
 iners in Accountancy, 1490
 Wagle, Carol F., degree, 420
 Wagman, J., appointment, 244
 declination, 405
 Wagner, A. A., degree, 1286
 Wagner, Bernice M., degree, 577
 Wagner, C. D., degree, 801
 Wagner, C. E., degree, 422
 Wagner, C. R., degree, 818
 Wagner, H. W., degree, 1394
 Wagner, Helen L., appointment, 161, 996
 Wagner, J., appointment, 1230
 Wagner, N., certificate, 42
 Wagner, Rosemary T., degree, 813
 Wagner, W., appointment, 1143
 Wagner, Wilma L., appointment, 291, 1127
 Wagoner, Barbara A., degree, 1566
 Wagoner, Mrs. Doris H., appointment, 267
 Wagoner, G. W., degree, 799
 Wagyl, L. C., appointment, 400, 694, 909
 Wagyl, T. L., degree, 1568
 Wahi, Thein, fellowship, 531, 776
 Wahle, B. A., degree, 822
 Wahlen, C. R., degree, 802
 Wahls, Evelyn I., degree, 1567
 Wahls, M. W., degree, 593
 Wahlstrom, R. C., degree, 1384
 Wahlstrom, Suzanne M., degree, 808
 Wahlton, R. E., degree, 1250
 Waichulis, Mrs. Helen M., appointment, 323, 1166
 Waichulis, V., appointment, 325, 1167
 Wain, P. H., certificate, 1490
 Wainwright, Claire R., degree, 419
 Wainwright, R. M., appointment, 126, 961
 Wainwright, W. W., appointment, 220, 676, 1052, 1057
 Waisman, H. A., appointment, 208, 1045, 1277
 Wait, A. V., & Son, purchase, 30
 Waite, Marie, appointment, 1320
 Waite, R. W., degree, 1561
 Waitzman, Aviva S., fellowship, 777
 Wakefield, N. D., appointment, 139, 974, 1446
 Wakeland, H. L., appointment, 875, 931
 Wakeman, W. M., degree, 418
 Wakerlin, G. E., appointment, 210, 512, 1046
 discovery, publication authorized, 518
 Walch, L. M., Jr., degree, 1552
 Walck, W. J., degree, 814
 Waldbillig, R. G., appointment, 256, 1093
 Walden, D. E., degree, 1249
 Walden, M. D., degree, 817, 1125
 Walden, R. V., degree, 1401
 Waldhalm, D. G., appointment, 689, 1445
 Waldhans, E. J., degree, 816
 Walding, E. C., degree, 588
 Waldman, L. F., Jr., degree, 592
 Waldo, E. H., appointment, 126
 Waldrup, M. C., degree, 413
 Waldrop, Betty, appointment, 1128
 Waldschmidt, Emma K., degree, 1551
 Waleck, M., degree, 425
 Walenga, F. D., degree, 1567
 Walent, N. A., degree, 1553
 Wales, H. G., appointment, 139, 974, 1445
 declination, 1502
 Walewander, L. J., degree, 811
 Walhay, W., appointment, 306, 1142

- Waling, J. L., degree, 1534
 fellowship, 679
 Walker, A. O., appointment, 281
 Walker, Mrs. Anne, appointment, 334, 1176
 Walker, Mrs. Annie, appointment, 308, 1144
 Walker, Mrs. Beverly R., appointment, 263
 Walker, C. A., Jr., degree, 814
 Walker, C. M., appointment, 299, 1135
 Walker, Claretta, appointment, 109, 118, 943,
 951
 leave of absence, 406
 cancellation, 336
 Walker, D. E., degree, 1550
 Walker, E. D., appointment, 99, 119, 933, 952
 Walker, F. H., degree, 791
 Walker, Freda F., appointment, 284, 1120
 Walker, G., degree, 1399
 Walker, H., & Sons, Inc., contract, 769
 change, 1306
 Walker, H. L., appointment, 130, 965
 Walker, H. M., appointment, 1119
 degree, 1568
 Walker, J. A., degree, 820
 Walker, J. F., fellowship, 1501
 Walker, J. M., degree, 796
 Walker, L. D., appointment, 128, 691, 962,
 1447
 leave of absence, 1408
 Walker, Mrs. Loretta K., appointment, 276,
 1112
 Walker, Louise F., appointment, 290
 Walker, M. L., degree, 822
 Walker, Mamie L., degree, 416
 Walker, Marilyn J., appointment, 1119
 Walker, Martha, appointment, 1099
 Walker, Muriel B., degree, 1544
 Walker, Richard, appointment, 306, 1142
 Walker, Robert, appointment, 311, 1148
 Walker, Robert D., degree, 418
 Walker, Rolla D., degree, 799
 Walker, R. H., degree, 791
 Walker, R. W., degree, 416
 Walker, W. J., degree, 1401
 Walker, W. L., degree, 587
 Walker-Jimieson Co., purchase, 837, 1305
 Walko, Mrs. Ann, appointment, 334
 Walkowiak, Theresa J., appointment, 1230
 degree, 793
 Wall, Alice T., appointment, 286, 1122
 Wall, F. T., appointment, 72, 905, 1193, 1230,
 1529
 Wallace, D. A., appointment, 547, 1053
 Wallace, G., Jr., degree, 1559
 Wallace, G. C., degree, 802
 Wallace, G. L., appointment, 71, 689, 903
 Wallace, H. D., degree, 425
 Wallace, J. B., appointment, 153, 988
 Wallace, K. R., appointment, 86, 512, 919,
 1455
 Wallace, Laurene A., fellowship, 1486
 Wallace, R. C., degree, 823
 Wallace, R. G., degree, 819
 Wallace, S., degree, 1565
 Wallace, V. E., degree, 811
 Wallbaum, Mrs. Martha A., appointment, 1127
 Waller, Dorothy K., appointment, 276, 1112
 Waller, F. O., appointment, 1277, 1478
 Waller, G. R., appointment, 156, 175, 697,
 990, 1010, 1452
 Waller, I. H., certificate, 1329
 Waller, M., degree, 792
 Waller, N. E., certificate, 1330
 Wallerius, J. R., degree, 818
 Walling, Mary L., appointment, 142, 400
 resignation, 573
 Wallingford, H. P., degree, 1533
 fellowship, 678
 Wallingford, Helen D., fellowship, 679
 Wallis, S. F., degree, 1570
 Wallman, W. A., degree, 811
 Wallner, Florence, appointment, 328, 1170
 Wallner, L. J., appointment, 359, 1187
 Wallner, Mrs. Virginia, appointment, 328,
 1170
 Walls, B., appointment, 1190
 Walls, Edna E., appointment, 108, 942
 Wallskog, H. A., degree, 801
 Walraven, H. D., appointment, 246, 1085
 Walrus Manufacturing Co., purchase, 29, 501,
 615, 766
 Walser, H. J., degree, 791
 Walsh, E. J., degree, 595
 Walsh, Mrs. Evelyn N., appointment, 1116
 Walsh, F. J., appointment, 356, 1185
 Walsh, H. R., certificate, 1507
 Walsh, J. R., appointment, 277, 1113
 Walsh, Letitia, appointment, 145, 692, 982,
 1447
 Walsh, M. J., appointment, 1452
 degree, 1534
 fellowship, 1352
 Walsh, M. R., degree, 811, 1542
 Walsh, Mrs. Maryanne, appointment, 1159
 Walsh, M. T., certificate, 489
 Walsh, Mary J., appointment, 330, 1172
 Walsh, Rose L., appointment, 307, 1141
 Walsh, W. M., degree, 1284
 Walsky, E. J., degree, 819
 Walston, R. L., appointment, 142, 175, 978,
 1010
 leave of absence, 684
 Walston Aviation Service, purchase, 468, 837
 Walter, C. R., Jr., appointment, 72
 degree, 803
 resignation, 405
 Walter, D. C., degree, 830
 Walter, K. D., degree, 809, 1557
 Walter, L. M., appointment, 400, 531
 Walter, Loretta W., degree, 409
 Walter, W. N., degree, 590
 Walters, A. H., degree, 1563
 Walters, A. R., degree, 588
 Walters, C. S., appointment, 107, 940
 leave of absence, 1407
 Walters, Mabel L. H., degree, 590
 Walters, S. E., degree, 815
 Walters, V. F., appointment, 265, 1102
 Walton, J. W., degree, 578
 Waltz, J. E., Jr., degree, 577
 Walworth, M. C., degree, 408
 Walz, Jacqueline J., degree, 593
 Walzer, J. F., degree, 594
 Wanamaker, Virginia, appointment, 1141
 Wander Co., gift, 553
 Wanderski, R. J., degree, 820
 Wang, Ping-chun, degree, 575
 Wang, R. I. H., degree, 1569
 fellowship, 402, 1315
 Wang, Shou-Ling, degree, 1535
 Wang, Tai K., degree, 830
 Wangerow, R. D., degree, 1567
 Wank, R. F., degree, 814
 Wankel, R. A., appointment, 72
 resignation, 405
 Wanless, H. R., appointment, 74, 78, 694,
 907, 911
 Wantland, R. A., degree, 1389
 Wappel, F., degree, 1567
 Wappel, L. W., degree, 784
 Ward, A. F., certificate, 842
 Ward, D. S., appointment, 147, 149
 Ward, G. C., degree, 823
 Ward, G. G., Jr., degree, 1559
 Ward, Gladys J., appointment, 109, 120, 942
 Ward, J. H., Jr., degree, 425
 Ward, L. A., degree, 803
 Ward, P. T., degree, 1557
 Ward, R. L., degree, 422

- Ward, Selma G., degree, 408
 Ward, Viola D., appointment, 10, 1307
 Wardell, Joan S., appointment, 1176
 Warden, W. K., degree, 1240
 Ward Expense, Research and Educational Hospitals, budget, 230, 323, 1069, 1166
 Wardle, Joy L., degree, 1250
 Ward's Natural Science Establishment, Inc., purchase, 341
 Ware, Anna, appointment, 321, 1160
 Wark, K., Jr., degree, 1285
 Warm air furnace research, contract, change, 1360
 funds, gift, 550
 Warmoth, L., appointment, 261, 1098
 Warn, G. F., fellowship, 680
 resignation, 1234
 Warner, E. E., Jr., degree, 425
 Warner, H. H., degree, 824, 1575
 Warner, Lucille, appointment, 1163
 Warner Construction Co., contracts for Lincoln Avenue Residence and Utilities Distribution System, charges against University, 534
 President's report, 615
 settlement, 1374
 Warnes, J. R., degree, 1399
 Warnock, R. L., appointment, 279, 1115
 Warren, C. E., appointment, 274, 1110
 Warren, Charlotte M., appointment, 909
 degree, 786
 Warren, Mrs. Elaine R., appointment, 447
 Warren, Eleanor K., degree, 1559
 Warren, H. B., Jr., degree, 575
 Warren, I. J., degree, 592
 Warren, L. C., appointment, 75, 908, 1449
 Warren, Louise A., degree, 1238
 Warren, F., Construction Co., contract, change, 522, 639
 Warren, S. E., degree, 811
 Warren, W. W., appointment, 301, 1100
 Warrick, A. C., degree, 803
 Warrick, E. S., appointment, 185, 1021
 Warrick, F. G., degree, 588
 Warrington, R. D., certificate, 489
 Warrington, W. G., appointment, 1277, 1424
 Warsaski, A., degree, 1572
 Warschausky, S., appointment, 76
 Warschaw, Cecille, degree, 1556
 Warshaw, Ruth A., degree, 813
 Warshaw, W. A., degree, 1557
 Wartik, H., appointment, 290, 1126
 Wartik, Pat B., degree, 1547
 War Veterans, Division of Special Services for, budget, Chicago Undergraduate Division, 250, 333, 1088, 1175
 Urbana, 181, 294, 1017, 1131
 continuation, 1492
 degrees conferred, 424, 455, 597, 820, 1252, 1287, 1401, 1567
 Warzak, B. J., appointment, 216
 resignation, 573
 Wascher, E. E., appointment, 281, 1117
 Wascher, H. L., appointment, 99, 933
 Wascher, Margaret, appointment, 288, 1124
 Wascher Concrete & Insulation Co., contract, 436, 441
 Wasco, Mary L., appointment, 261
 Waser, G. A., degree, 413
 Washburn, J. V., appointment, 288, 1124
 Washburn, P. A., member of advisory committee, 1195
 Washer, laboratory glassware, Bacteriology, purchase, 500
 Washington, Doris, diploma, 1575
 Washington, M. G., degree, 1386
 Wasielewski, F., appointment, 323, 1147
 Wasik, A. S., degree, 583
 Wasserman, B. J., degree, 1563
 Wasserman, E. M., degree, 1570, 1575
 Wasserman, H., certificate, 842
 Wasserman, Phyllis R., appointment, 875, 1059
 degree, 829
 Wasserman, Samuel, certificate, 1338
 Wasserman, Sheldon, degree, 593
 Wassmann, L. P., degree, 596
 Wasson, A. W., degree, 1236
 Waswo, O. L., appointment, 308
 Water, distilled, facilities, study, 528
 Waterhouse, G., appointment, 79
 Water improvements, engineering services, appropriation, 492
 contract, 529
 Water main, staff housing area, contract, 1360
 Waterman, D. F., appointment, 676
 Waterman, H. W., degree, 598
 Water rates, litigation, special auditors and legal counsel, employment, 862
 additional costs, payment, 1361, 1493, 1513
 Water Resources Building, name, 36
 Waters, J. R., certificate, 842
 Water softener equipment, contract, McKinley Hospital, 714
 President's House, 714
 Water still, Veterinary Medicine, purchase, 613
 Water supply facilities, Dentistry-Medicine-Pharmacy Building, contract, 543
 Watkins, Mrs. Francis B., authority to sign bonds for financing Chicago housing projects and remodeling second unit of Dentistry-Medicine-Pharmacy Building, 625
 authority to sign revenue bonds for residence halls expansion, 1343
 elected member of Executive Committee, 601, 1404
 member of committees, 602, 603, 1405
 Watkins, G. T., appointment, 76, 909, 1449
 Watkins, Grace F., degree, 577
 Watkins, H., member of advisory committee, 563
 Watkins, Marjorie C., appointment, 275
 Watkins, R. M., Jr., degree, 822
 Watkins, R. W., appointment, 359, 1187
 Watkins, Rosemary C., degree, 1564
 Watkins, S. R., degree, 1244
 Watne, A. L., degree, 824, 1575
 Watrach, A. M., appointment, 1315
 Watson, Avon, appointment, 298, 1134
 Watson, C. A., certificate, 1254
 Watson, Evelyn L., appointment, 273, 1110
 Watson, Mrs. Evelyn R., appointment, 1110
 Watson, F. R., appointment, 131, 966
 Watson, H. J., degree, 450
 Watson, J. C., degree, 801
 Watson, J. L., degree, 1397
 Watson, J. S., appointment, 1191
 Watson, Mrs. June O., appointment, 255, 1092
 Watson, L. E., degree, 425
 Watson, L. L., degree, 801
 Watson, M. B., appointment, 259, 1096
 Watson, M. M., degree, 804
 Watson, M. Lois E., degree, 1238
 Watson, Mrs. Margaret T., appointment, 276, 1112
 Watson, Mary L., appointment, 8
 Watson, P. K., appointment, 1117
 Watson, R. J., degree, 1392
 Watson, R. L., degree, 416
 Watson, R. O., appointment, 304, 1097
 Watson, R. V., degree, 784
 Watson, W. R., degree, 421
 Watt, Jane C., appointment, 156, 990
 Watt, M. D., certificate, 489
 Watt, Mabel B., degree, 1238
 Wattenberg, A., appointment, 132

- Watterworth, R. A., degree, 1399
 Watts, G. L., degree, 1570
 Watts, Mary K., degree, 1250
 Watts, R. F., degree, 1395
 Waugh, W. R., degree, 594
 Waverly Press, Inc., purchase, 30, 527, 767
 Wax, N., appointment, 126, 876, 960, 1277,
 1381
 Waxler, G. L., degree, 822
 Waxman, S. H., degree, 829
 Way, J. W., fellowship, 776, 1481
 Way, W. C., degree, 1285
 Wayham, D. E., degree, 1559
 Wayne, L. P., degree, 1563
 Wayner, M. J., appointment, 1277
 Wayner, Mrs. Therese M., appointment, 1103
 WBKB Television Studios, purchase, 30
 Wear, J. R., degree, 1565
 Weas, F. C., degree, 409
 Weasel, Phyllis, appointment, 1109
 Weatherley, D. A., fellowship, 1486
 declination, 1488
 Weatherly, H. E., appointment, 361, 1190,
 1277
 Weatherly, P. K., degree, 413
 Weathers, W. O., appointment, 176, 1012
 Weaver, B. L., appointment, 112, 945
 Weaver, Barbara A. R., degree, 1560
 Weaver, D. D., degree, 591
 Weaver, H. R., degree, 803
 Weaver, J. W., degree, 786
 Weaver, Jacqueline, degree, 1537
 Weaver, Lois A., degree, 1547
 Weaver, Mrs. Lois S., appointment, 290
 Weaver, Virginia H., appointment, 108, 942
 Weaver, W. K., appointment, 243, 703
 Webb, A., member of advisory committee,
 1194
 Webb, E. E., degree, 1547
 Webb, H. D., appointment, 126, 961, 1277
 discovery, patent rights, release, 1418, 1463
 Webb, L. L., degree, 1561
 Webb, R. J., appointment, 93, 114, 117, 927,
 948, 950
 Webb, Ruth, appointment, 1158
 Webber, L. E., degree, 1563
 Weber, A. R., degree, 1238
 Weber, B. A., Jr., degree, 804
 Weber, C. E., degree, 1396
 Weber, J. Arthur, appointment, 97, 114, 930
 Weber, J. Anthony, Jr., degree, 1562
 Weber, Joyce S., degree, 1559
 Weber, L. F., appointment, 352, 1180
 Weber, Nellie M., degree, 593
 Weber, O. F., appointment, 144, 980
 Weber, R., degree, 822
 Weber, R. L., degree, 1248
 Weber, S. L., degree, 1243
 Weber, Mrs. Shirley M., appointment, 332
 Weber, W. H., degree, 581
 Weber, Mr. and Mrs. W. S., gift, 1474
 Webster, Betty E., degree, 590, 1547
 Webster, Bonnie J., appointment, 273
 Webster, G. L., appointment, 220, 1057
 Webster, J. C., appointment, 356, 1185
 Webster, Joan O., appointment, 296, 1133
 Webster, Martha J., degree, 800
 Webster, R. A., certificate, 42
 Webster, Mrs. Ruth C., appointment, 331
 Webster, S. K., certificate, 1329
 Webster, Vivian C., degree, 1387
 Webster Manufacturing Co., contract, 473
 Wechsberg, P., appointment, 1277
 Wedding, N., appointment, 139, 690, 794, 1446
 Weddle, R. L., degree, 1577
 Wedel, J. E., degree, 1567
 Wedell, E. A., degree, 1565
 Wedell, H. G., degree, 830
 Wedelstaedt, H. N., degree, 816
 Weed control, research, contract, 1521
 gift, 1469
 Weeks, F. W., appointment, 75, 693, 908,
 1449
 Weeks, Mrs. Patricia T., appointment, 261,
 285
 Weeks, W. F., degree, 811
 fellowship, 680
 Weerts, R. K., degree, 1287
 Weesner, Kathryn M., appointment, 110, 692,
 943
 Wegener, B. H., degree, 811
 Wegeng, Joan, appointment, 1114
 Wegner, E. D., degree, 803
 Wehe, R. L., appointment, 129, 645
 degree, 794
 fellowship, 681
 resignation, 1234
 Wehler, M. E., degree, 1565
 Wehmer, B. F., purchase, 375
 Wehrenberg, J. P., degree, 1390
 Wehrheim, Dixie J., degree, 590
 Wehrle, P. F., appointment, 208, 361
 leave of absence, 1235
 Wehrly, J. S., degree, 788
 Wehrmeister, R. G., certificate, 1330
 Wei, Chih-fang, degree, 575
 Weibel, R. O., appointment, 99, 114, 933, 948
 Weichbrodt, S. W., degree, 1562
 Weichselbaum, P. K., appointment, 203, 1038
 Weidemann, J. A., appointment, 359, 1188
 Weidert, J. E., degree, 1561
 Weidhuner, D. D., degree, 589
 Weidman, Katharine R., degree, 782
 Weidner, C. L., degree, 1563
 Weigel, E. H., appointment, 156, 990
 Weigle, R. H., appointment, 130
 resignation, 405
 Weigley, R. F., fellowship, 1484
 declination, 1488
 Weihmeir, D. A., degree, 799
 Weil, Audrey, appointment, 1103
 Weil, E. D., degree, 789
 fellowship, 679
 Weil, L. L., degree, 823
 Weil, N. A., appointment, 45
 Weil, R. B., fellowship, 776
 declination, 879
 Weiler, E. T., appointment, 141, 976, 1447
 Weiler, J. E., degree, 420
 Weiler, J. J., degree, 804
 Weiler, Joyce, appointment, 1142
 Weimer, F. C., appointment, 876
 Weimer, Ruth H., appointment, 64, 897, 1230
 Weinard, F. F., appointment, 111, 945
 Weinberg, B. J., appointment, 355, 1183
 Weinberg, J., appointment, 361, 1190
 Weinberg, J. N., degree, 1250
 Weiner, A. A., certificate, 1330
 Weiner, Frieda M., degree, 824, 1575
 Weiner, J., certificate, 1338
 Weiner, P. S., fellowship, 402
 Weiner, R. G., appointment, 355, 478, 1040,
 1334
 Weinhouse, N. P., degree, 588
 Weinman, J. A., degree, 795
 Weinmann, J. F., appointment, 215, 220, 360,
 676, 1052, 1056, 1188
 Weinper, H. B., degree, 818
 Weins, Paula, appointment, 11
 Weinstein, B. R., degree, 831
 Weinstein, G. A., certificate, 489
 Weinstein, G. M., degree, 1577
 Weinstein, Gladys, appointment, 1149
 Weinstein, I. J., degree, 420, 1387, 1545
 Weinstein, L. T., degree, 593
 Weinstein, Marvin, degree, 1397
 Weinstein, Myron, degree, 1389
 Weinstock, I. M., degree, 782

- Weinstock, Rochelle, degree, 808
 Weintrub, S. H., degree, 422
 Weinzierl, Mrs. Margaret M., appointment, 305, 1141
 Weinzimmer, L., appointment, 322, 1164
 Weir, E. C., appointment, 447, 1230, 1529
 Weir, J. W., degree, 596
 Weir, Jean L., appointment, 1100
 Weir, Mrs. Rita C., appointment, 1140
 Weirick, R. B., appointment, 75, 693, 908, 1449
 Weiss, Mrs. Jane P., appointment, 278
 Weiss, T. J., certificate, 489
 Weisberg, I. H., degree, 1577
 Weisberger, T., degree, 814
 Weisbrod, B. A., degree, 815
 Weisbrod, Shirley L., degree, 1560
 Weisdorf, W., appointment, 362, 1190
 Weise, C. M., degree, 584
 Weise, E. K., appointment, 127, 962
 discovery, patent rights, release, 1259
 Weisgal, S. A., certificate, 1330
 Weisiger, G. B., appointment, 164, 695, 1000
 Weiskopf, D. C., degree, 596
 Weisman, Earl, degree, 1577
 Weisman, Edward, appointment, 360, 1188
 Weiss, B., certificate, 603
 Weiss, Mrs. Bonnie J., appointment, 1093
 Weiss, E., appointment, 356, 1184
 Weiss, J. H., degree, 817
 Weiss, J. N., appointment, 144, 147, 149, 979
 Weiss, K. E., degree, 418
 Weiss, K. S., appointment, 364
 resignation, 573
 Weiss, Lya, degree, 807
 Weiss, Marion D., degree, 593
 Weiss, R., degree, 827
 Weiss, R. B., appointment, 1125
 degree, 595
 Weiss, S. B., degree, 1565
 Weissman, I., appointment, 1230, 1478
 Weissman, R., degree, 424
 Weitzman, B. L., certificate, 1330
 Welch, Helen M., appointment, 183, 730, 1018
 Welch, L. R., degree, 811
 Welch, Martha H., degree, 794
 Welch, Mrs. Mary A., appointment, 1107
 Welch, Mrs. Orlena M., appointment, 1121
 Welch, W. C., degree, 584
 Welch, W. M., Manufacturing Co., purchase, 31, 838, 1263
 Welchans, R. A., degree, 1566
 Welded joints, research, contract, 378
 Welding Research Council, contract, 713
 change, 1495
 Weldon, C. W., appointment, 504
 bond, 518, 601, 868
 elected Treasurer, 601
 signature, delegation for withdrawals from
 Dentistry, Medicine, and Pharmacy
 Construction Fund Account, 666
 Weldon, H. P., Jr., degree, 598
 Weldon, R. H., degree, 818
 Welford, N. T., appointment, 361, 1189
 Welge, E. A., degree, 1401
 Welk, Mrs. Joanne F., appointment, 255, 1092
 Welk, R. O., degree, 807
 Welker, Irma L., appointment, 258
 Welker, Nancy A., appointment, 1149
 Welker, W. H., appointment, 202, 1038
 Welkowitz, Mrs. Joan, appointment, 917
 Welkowitz, W., appointment, 730, 962
 Well, Robert Allerton Park, drilling, 500
 Welke, B. R., degree, 1556
 Weller, A. S., appointment, 154, 988, 1445
 Weller, Harriet V., degree, 808
 Weller, R. D., degree, 1550
 Weller, S. A., degree, 584
 Weller, Mrs. Viola M., appointment, 1098
 Welles, Helen L., degree, 791
 Wellinger, R. P., appointment, 127
 discovery, patent rights, release, 1259
 Wellpott, Alice E., degree, 413
 Wells, C. M., Jr., fellowship, 676, 1334
 Wells, G. N., appointment, 1277
 Wells, H. O., degree, 419
 Wells, Irma J., appointment, 276, 1112
 Wells, M. R., appointment, 269, 1105
 Wells, R. L., degree, 797
 Wells, T. E., appointment, 281, 1117
 Wells, W. E., appointment, 292, 1129
 Welsch, F. D., degree, 1548
 Welsch, R. T., degree, 423
 Welsh, D. R., appointment, 357, 1185
 Welsh, Phyllis D., degree, 807
 Welter, G. W., degree, 587
 Welter, K. F., degree, 1395
 Weltzien, Ann M., degree, 1562
 Wendel, A. P., degree, 1575
 Wendelborg, D. O., degree, 419
 Wendt, Evelyn, appointment, 331
 Wendt, H., degree, 423
 Wendt, R. E., appointment, 127, 961
 declination, 1280
 Wendzel, Marion, appointment, 314, 1151
 Weng, Lorraine, appointment, 1230
 Wenig, Natalie E., degree, 1399
 Wenig, P. W., appointment, 84, 876, 917
 degree, 1387
 Wennstrom, A. E., fellowship, 679
 declination, 684
 Wentland, R. D., degree, 816
 Wentz, F. M., appointment, 215, 218, 1052, 1054
 Wenzel, Patricia, degree, 807
 Wenzelman, L. H., degree, 784
 Wenzlau, Mrs. Nancy J., appointment, 1123
 Wenzlau, T. E., degree, 785
 fellowship, 679, 1482
 Wenzler, Mrs. Dolores R., appointment, 1130
 Wenzler, W. P., degree, 1400
 Werbel, L. M., fellowship, 1501
 Werelius, C. Y., appointment, 364, 1192
 Werner, Mary A., degree, 807
 Werner, N. H., degree, 1391
 Werner, R. C., appointment, 79, 912
 leave of absence, 1408
 Werner, S. G., degree, 825, 1575
 Werner, W. K., degree, 1247
 Wernowsky, Mairiam R., degree, 800
 Wert, C. A., appointment, 131, 965
 Wert, Mrs. Lucille M., appointment, 512
 Werts, Mrs. Inez R., appointment, 263, 1099
 Wertz, C. E., appointment, 301, 1137
 Wessenberg, C., degree, 1252
 Wesley, C. D., degree, 589
 Wesley, Nellie O. H., degree, 421
 Wessel, E. T., degree, 1500
 Wessel, Mrs. Margaret, appointment, 1097
 Wessels, H. P., member of advisory committee, 365, 1195
 Wessels, L. S., degree, 1393
 Wessels, R. M., degree, 413
 Wessels, W. K., degree, 799
 Wesser, Helena J., degree, 413
 West, Barbara J., degree, 1556
 West, C. A., fellowship, 679
 West, Evelyn N., appointment, 294, 1130
 West, I. M., degree, 823
 West, L. A., fellowship, 1479
 resignation, 1502
 West, R. A., degree, 807
 West, V. I., appointment, 96, 115, 929, 949
 degree, 780
 West, W. W., degree, 1385
 Westcott, Mary J., degree, 827
 Westen, Grace L. A., degree, 1385
 Westenskow, C. L., certificate, 489

- Westerbeck, Margaret M., degree, 1398
 Westerbeck, W. E., degree, 594
 Westerdahl, R. P., degree, 809
 Western, R. E., degree, 581
 Western, W. H., degree, 1550
 Western Cartridge Co., Division of Olin Industries, gift, 549, 1213, 1469
 Western Condensing Co., contract, change, 668, 1464
 Western Electric Co., gift, 1214
 purchase, 670, 1360
 Western Envelope Co., purchase, 613
 Western Hail and Adjustment Association, Hail Loss Research Committee, contract, change, 561
 Western Machine Tool Works, purchase, 1304
 Westfall, T. D., degree, 797
 Westfall, W. M., degree, 1559
 Westgor, Joan D., degree, 817
 Westhoff, J. L., degree, 1238
 Westinghouse Educational Foundation, gift, 549, 1213, 1469
 Westinghouse Electric Corp., contract, 369, 1475
 action deferred, 1414
 purchase, 1344
 Westinghouse X-Ray Corp., purchase, 670
 Westlake, H., member of advisory committee, 562
 Westland, D. B., degree, 796
 Weston, C. G., certificate, 771
 Weston, Janet L., appointment, 60, 138, 141, 447, 691, 893, 976, 1231, 1351, 1447
 Weston, Mary L., appointment, 676, 1307
 Weston Electrical Instrument Co., purchase, 558
 Westrate, K. N., degree, 598
 Westrick, Evangeline, appointment, 325
 Westwater, J. W., appointment, 72, 690, 905, 1446
 Wetenkamp, H. R., appointment, 135, 400, 970
 Wetzel, Doris L., appointment, 287, 1124
 Wetzel, H. J., appointment, 400, 950, 952
 Wexler, H., degree, 410
 Wexler, L., degree, 1398
 Wexler, M., degree, 596
 Weyerhaeuser Timber, stock, purchase, 835
 Weyl, Mrs. Muriel I., appointment, 315
 Weyrauch, J. T., degree, 1536
 Wezeman, Nellimac, degree, 415
 Whalen, R. F., degree, 1568
 Whaley, R. E., degree, 801
 Whaley, Mrs. Rachel, appointment, 1173
 Whalin, Mrs. Nola G., appointment, 263
 Whalin, O. L., appointment, 116, 950
 Whalley, Elsa A., appointment, 1277
 Wham, D. S., degree, 825, 1575
 Wham, Mary E., degree, 807
 Wharton, J. R., certificate, 771
 Wheat germ oil, research, contract, change, 1208, 1417
 gift, 551
 Wheelan, Mary C., degree, 813
 Wheeler, Annabel, appointment, 312, 1149
 Wheeler, C. T., certificate, 1490
 Wheeler, D. J., appointment, 730, 914, 972, 1381
 Wheeler, Mrs. Dorothea M., appointment, 231, 1069
 Wheeler, E. F., certificate, 1338
 Wheeler, Jean C., diploma, 1575
 Wheeler, Mrs. Katherine M., appointment, 184, 1019
 Wheeler, L. R., appointment, 692
 Wheeler, Maxine G., degree, 593, 1392
 Wheeler, Mrs. Miriam T., appointment, 1130
 Wheeler, Nancy L., degree, 786
 Wheeler, O. J., purchase, 33, 712
 Wheeler, R. F., fellowship, 1479
 Wheeler, R. J., degree, 1559
 Wheeler, Wanda, appointment, 309
 Wheel loads, study, contract, change, 668, 1417
 Whelan, J. E., degree, 804
 Welchel, M. C., appointment, 1187
 Whetstone, W. H., appointment, 257, 1093
 Whey, research, contract, change, 668
 gift, 548
 Whisenand, J. L., appointment, 129, 964
 Whitaker, L., fellowship, 1481
 Whitaker, R. W., appointment, 97
 resignation, 479
 Whitaker, Rose L., appointment, 275, 1109
 Whitby, A. J., appointment, 272, 1108
 White, Adeline R., appointment, 202, 1037
 White, Mrs. Alma E., appointment, 270, 1107
 White, Mrs. Anita M., appointment, 303
 White, C., appointment, 308
 White, C. F., certificate, 771
 White, C. H., degree, 1286
 White, D. C., certificate, 42
 White, E., appointment, 76
 degree, 451
 White, E. F., degree, 598
 White, Mrs. Elwanda D., appointment, 110, 115, 944, 948
 resignation, 1353
 White, F. H., appointment, 163, 999
 White, G. A., degree, 799
 White, G. H., Jr., degree, 827
 White, G. W., appointment, 78, 911
 White, H. C., degree, 1550
 White, H. L., appointment, 298, 300, 1134, 1136
 White, Harriet, appointment, 1163
 White, Helen C., degree, 791
 White, Mrs. Hilda M., appointment, 1133
 White, I. J., degree, 819
 White, J. L., Jr., degree, 420
 White, J. M., memorial fund, addition, gift, 1211
 White, J. V., degree, 829
 White, L. A., degree, 1401
 White, L. D., degree, 1249
 White, Laura J., degree, 811
 White, M. M., degree, 1553
 White, Marilyn R., degree, 807
 White, R. R., degree, 1243
 White, Robert W., degree, 1542
 White, Roy W., degree, 1386
 White, S. E., certificate, 527
 White, S. H., appointment, 155, 989
 White, S. S., Dental Manufacturing Co., purchase, 375
 White, Sherilyn L., degree, 1560
 White, Mrs. Viola V., appointment, 283
 White, W. L., appointment, 400
 White, W. T. Jr., certificate, 489
 White Building and Maintenance Corp., contract, 494
 White City Electric Co., contract, 650, 1312
 Whiteford, Emma M. B., degree, 1244
 Whitehair, C. K., appointment, 843, 1478
 Whitehead, D., appointment, 308
 Whitehead, W. L., degree, 799
 Whitehorn, W. V., appointment, 210, 1046
 Whitehouse Manufacturing Co., purchase, 30, 439, 560
 White lead, Physical Plant, purchase, 33, 557
 Whiteleather, C. H., Jr., degree, 422
 White Line Laundry, purchase, 767
 Whitenack, Kathryn J., degree, 418
 White Pine Lumber Co., purchase, 439, 557, 614
 Whitesel, Ritta, appointment, 109, 692, 695, 942, 1448
 Whitesel, T. L., appointment, 1381
 degree, 1385
 Whiteside, W. F., degree, 799

- Whitesitt, J. E., fellowship, 1484
 declination, 1488
 White Weld & Co., bid, 1356
 financing housing project in Chicago, offer,
 569
 Whitfield, G. A., degree, 1250
 Whitfield, G. B., Jr., degree, 789
 fellowship, 679, 877, 1481
 Whiting, D. A., degree, 823
 Whiting, Geraldine E., appointment, 256
 degree, 1251
 Whitting, P. B., certificate, 842
 Whitlatch, Mrs. Betty P., appointment, 1130
 Whitley, S. E., degree, 598
 Whitlock, R. F., appointment, 357, 1186
 Whitlock, S. M., degree, 799
 Whitlow, L. A., certificate, 1330
 Whitman, G. B., appointment, 95, 117, 928,
 950
 Whitman, Mrs. Mary R. B., appointment, 676
 Whitmore, C. M., degree, 822
 Whitmore, Consetta M., degree, 1238
 Whitnah, D. R., degree, 808, 1538
 Whitnah, Mrs. Florentine E., appointment,
 276
 Whitney, R. M., appointment, 106, 115, 939,
 949
 Whitson, Mrs. Evelyn, appointment, 302, 1138
 Whitten, H. P., degree, 416
 Whitten, Mrs. Wanda, appointment, 1139
 Whittier, D. H., degree, 1537
 Whittington, M. P., degree, 802
 Whorton, Gladys P., appointment, 603
 resignation, 732
 Howell Motor Sales Co., purchase, 376, 669,
 671, 712, 1291
 Whyte, L., appointment, 265, 1101
 Wichert, Florence T., appointment, 312, 1149
 Wick, R. S., degree, 1385
 fellowship, 877
 Wickert, Mrs. Thema, appointment, 318
 Wickes, Mrs. Mary E., appointment, 261
 Wickham, Lois H., degree, 1399
 Wicklund, L. S., degree, 818
 Wicklund, Romayne C., degree, 817
 Wickstrom, G., Jr., degree, 1562
 Wickwire, G. C., appointment, 82, 915
 Wideman, Suzanne J., degree, 811
 Wiebe, R. H., fellowship, 680
 declination, 684
 Wiebe, R. P., degree, 794
 Wiecek, Julia L., degree, 1556
 Wiederanders, R. E., degree, 827, 1527
 Wiedermann, A. H., degree, 804
 Wiedling, C. C., degree, 1562
 Wiedman, C. G., degree, 577
 Wiegand, A. J., appointment, 1500
 degree, 1395
 Wiegand, R., appointment, 400, 909, 1449
 Wiegert, P. E., degree, 1240
 fellowship, 579, 1482
 resignation, 1234
 Wiehe, R. E., degree, 786
 Wieland, C. L., degree, 811
 Wieland, R. E., degree, 1568
 Wielgus, Laura, appointment, 11
 Wien, N. A., appointment, 355
 Wienke, J. W., degree, 799
 Wienke, R. E., degree, 578
 Wienman, A. M., appointment, 1529
 Wier, J. M., appointment, 136, 572, 972
 Wiese, E. L., appointment, 299, 1136
 Wiese, J. L., appointment, 645, 1189
 Wiese, Marjorie J., appointment, 1128
 Wiese, R. L., degree, 808
 Wiesman, D. E., degree, 809
 Wiggins, Margaret, appointment, 310, 1147
 Wiggs, Mrs. Mary L., appointment, 277
 Wiggs, T. A., certificate, 1330
 degree, 593
 Wightman, Mrs. Mabel, appointment, 1139
 Wikblom, Corinne, appointment, 310, 1147
 Wikoff, V. C., degree, 818
 Wilber, Catherine J., degree, 1551
 Wilbert, R. J., degree, 819
 Wilbrandt, R. L., degree, 811
 Wilbur, W. L., degree, 807
 Wilcock, R. C., appointment, 704, 1015
 degree, 782
 Wilcox, C. H., degree, 1545
 Wilcox, D. W., degree, 1571
 Wilcox, E. D., degree, 1550
 Wilcox, J. C., degree, 1559
 Wilcox, Mrs. Jean H., appointment, 296
 Wilcox, K. B., degree, 413
 Wilcox, K. M., degree, 827
 Wilcox, R. H., appointment, 95, 115, 928, 948
 Wilcox, T. G., degree, 1283
 Wilcox, W. C., degree, 788
 Wild, H., Surveying Instruments Supply Co.
 of America, Inc., purchase, 468
 Wildberger, Mrs. Jeannita G., appointment,
 312, 1150
 Wildeman, Claire A., degree, 800
 Wilder, H., appointment, 358, 1187
 Wildhagen, A. R., appointment, 290, 1127
 Wilensky, J. M., degree, 811
 Wiles, Ada J., appointment, 270, 1106
 Wiles, Jo Ann, appointment, 695, 1334
 degree, 1390
 Wiley, C. C., appointment, 124, 958
 Wiley, F. R., appointment, 269, 1106
 Wilhelm, D. L., degree, 591
 Wilhelm, Deena L., degree, 590
 Wilhelm, F. L., degree, 1243
 Wilhelm, J. R., degree, 1553
 Wilhelm, R. E. A., degree, 827
 Wilhelmy, C. S., degree, 1396
 Wilhelmy, O., appointment, 1479
 Wilk, B. R., degree, 814
 Wilk, Mrs. Dorothy M., appointment, 283
 Wilk, K. E., degree, 1556
 Wilke, R. R., degree, 1550
 Wilken, D. R., degree, 1550
 Wilkening, E. C., degree, 814
 Wilkens-Anderson Co., purchase, 526, 838,
 852, 1520
 Wilkerson, Mrs. Julia L., appointment, 1163
 Wilkerson, L. E., appointment, 1231
 Wilkes, R. M., certificate, 1338
 Wilkes, Rachel C., appointment, 696
 Wilkey, Dorothy J., degree, 1566
 Wilkin, Mrs. Anita E., appointment, 273, 1110
 Wilkin, E. K., degree, 1568
 Wilkins, C. T., appointment, 76, 909, 1449
 Wilkins, D. H., appointment, 1446
 degree, 1388
 Wilkins, Mrs. Dorothy E., appointment, 294,
 1130
 Wilkins, J. W., degree, 1553
 Wilkins, R. G., degree, 822
 Wilkins, W. E., degree, 807
 Wilkins, W. J., Jr., appointment, 364
 Wilkinson, C. W., appointment, 60, 75
 declination, 405
 Wilkinson, E. R., degree, 1396
 Wilkinson, Evalyn S., degree, 800
 Wilkinson, J. L., fellowship, 402
 resignation, 684
 Wilkinson, Margery A., appointment, 1170
 Wilkinson, P. F., degree, 1559
 Wilkinson, W. D., degree, 1246
 Will, F. L., appointment, 81, 697, 914, 1453
 leave of absence, 1408
 Willard, A. C., appointment, 58, 891
 Willard, J. C., degree, 413
 Willard, Mrs. Olive M., appointment, 286
 Will County District 210, contract, 1305
 Willems, D. G., degree, 589

- Willemssen, O. R., appointment, 288, 1124
 Willett, Maurita F., appointment, 242, 1081,
 1457
 Willette, Mrs. Jo Anne, appointment, 1117
 Willey, Dorice, appointment, 306
 Williams, A., degree, 1285
 Williams, A. C., Jr., appointment, 83, 916
 Williams, A. K., degree, 415
 Williams, A. R., appointment, 153, 988
 Williams, B. H., degree, 830
 Williams, Barbara J., degree, 1399
 Williams, Bernice V., degree, 807
 Williams, Mrs. Betty O., appointment, 1127
 Williams, Beverly A., degree, 1546
 Williams, C., appointment, 315, 1152
 Williams, C. A., appointment, 78, 911
 Williams, C. R., degree, 1243
 Williams, Mrs. Charlye, appointment, 333,
 1174
 Williams, Clarice, degree, 828
 Williams, D. B., appointment, 400, 676
 resignation, 879
 Williams, D. D., appointment, 1351
 Williams, D. T., degree, 1399
 Williams, E. H., appointment, 132
 Williams, F. E., degree, 793
 Williams, Frances A., degree, 1541
 Williams, Frances L., appointment, 1094
 Williams, G. J., degree, 818
 Williams, G. O., certificate, 42
 Williams, Grace E., appointment, 876, 897,
 1028
 Williams, H. F., appointment, 248, 701, 1087
 Williams, H. L., fellowship, 448, 1279
 Williams, H. O., appointment, 304, 1140
 Williams, Mrs. Irmgard W., appointment, 266
 Williams, Jack, appointment, 1334
 Williams, Joseph, appointment, 325, 1167
 Williams, J. E., appointment, 126, 960, 1449
 Williams, J. H., degree, 1566
 Williams, J. I., appointment, 364
 Williams, J. K., fellowship, 1482
 Williams, J. L., appointment, 354, 1182
 Williams, J. T., degree, 1398
 Williams, Joan C., degree, 811
 Williams, Joyce W., degree, 1245
 fellowship, 681, 1484
 Williams, K. E., appointment, 270
 Williams, Kathryn, appointment, 10, 1307
 Williams, L. A., Jr., degree, 788
 Williams, L. W., II, appointment, 531
 Williams, Lillian J., degree, 420
 Williams, Mrs. Lois A., appointment, 1154
 Williams, M. O., appointment, 300, 1136
 Williams, Mrs. Mabel M., appointment, 1134
 Williams, Mary, appointment, 284, 1120
 Williams, O. F., degree, 782
 Williams, R., appointment, 1151
 Williams, R. C., degree, 1248
 Williams, R. E., degree, 799
 Williams, R. F., degree, 1395
 Williams, R. H., degree, 797
 Williams, R. L., degree, 799
 Williams, R. S., degree, 816
 Williams, Mrs. Rena M., appointment, 242,
 1081, 1457
 Williams, Mrs. Rosalie C., appointment, 293
 Williams, Mrs. Rosemary E., appointment,
 1130
 Williams, S. W., appointment, 1491
 Williams, T. E., appointment, 298, 1134
 Williams, Warren R., degree, 807
 Williams, William R., appointment, 316, 1153
 Williams, W. W., degree, 587
 Williamson, A. J., degree, 815
 Williamson, B. W., degree, 413
 Williamson, C. L., degree, 415
 Williamson, E., appointment, 268, 1105
 Williamson, Elizabeth A., degree, 1560
 Williamson, G. A., degree, 594
 Williamson, H., degree, 1394
 Williamson, J. C., degree, 1553
 Williamson, J. L., degree, 1539
 Williamson, K. E., appreciation of services,
 resolution, 642
 Williamson, L. W., appointment, 259, 1096
 Williamson, Lois M., appointment, 286, 1122
 Williamson, Patricia A., degree, 1573
 Willford, A. W., appointment, 1101
 Willigan, D. A., appointment, 1529
 Willis, E. E., appointment, 330, 1172
 Willis, Mrs. Marie, appointment, 320, 1159
 Willis, Marion J., degree, 1556
 Willis, Mary E., degree, 1545
 Willis, P. A., degree, 588
 Willis, W. R., degree, 1567
 Willis, W. W., degree, 590
 Willison, Treva E., appointment, 1110
 Williston, C. L., appointment, 199, 1034
 Williston, Mrs. Elizabeth H., appointment,
 315, 1153
 Willmore, T. A., appointment, 123, 957
 Wilms, Mrs. Kathryn S., appointment, 262,
 1098
 Willner, E. S., appointment, 241, 702, 1081
 Willock, Marian C., degree, 828
 Willoughby, D. S., degree, 593
 Willoughby, Lois B., degree, 586
 Willoughby, N. W., degree, 1563
 Wills, D. L., degree, 582
 Wills, J. E., appointment, 95, 117, 928, 950
 Wills, J. G., degree, 822
 Wills, Minnie L., degree, 1537
 Wills, W. J., appointment, 95, 115, 929, 949
 degree, 1532
 Willy, W. J., certificate, 842
 Wilmot-Castle Co., purchase, 525, 612, 613,
 670
 Wilner, W. D., degree, 585
 Wilpula, Frances E., diploma, 1575
 Wilsky, W. F., appointment, 278, 1114
 Wilson, A. B., appointment, 279, 1116
 Wilson, A. L., degree, 1393
 Wilson, A. S., appointment, 1101
 Wilson, Mrs. Angeline V., appointment, 290,
 1127
 Wilson, Annola J. H., degree, 1541
 Wilson, Audrey L., appointment, 362, 1191
 Wilson, B. J., appointment, 127, 961, 1381
 Wilson, Mrs. Barbara J., appointment, 1105
 Wilson, Beverly G., degree, 1239
 Wilson, Mrs. Bobby L., appointment, 292
 Wilson, C., appointment, 358
 Wilson, C. C., appointment, 243, 702, 1082
 resignation, 1383
 Wilson, C. J., degree, 1240
 Wilson, C. M., appointment, 71
 resignation, 479
 Wilson, C. Z., Jr., degree, 1562
 Wilson, D. K., degree, 1556
 Wilson, Mrs. Dolores N., appointment, 1095
 Wilson, Dorothy M., degree, 408
 Wilson, Mrs. Elsie M., appointment, 284, 1101
 Wilson, F. G., appointment, 82, 915, 1454
 leave of absence, 1408
 Wilson, F. P., degree, 422
 Wilson, F. S., appointment, 353, 1181
 Wilson, Mrs. Frances D., appointment, 151,
 985
 Wilson, Frances E., degree, 791
 Wilson, G. F., degree, 815
 Wilson, G. H., degree, 422
 Wilson, G. P., Jr., appointment, 1381
 Wilson, G. P., III, degree, 811
 Wilson, Geraldine, appointment, 1097
 Wilson, Grace, appointment, 128, 963
 Wilson, Grace E., appointment, 1277

- Wilson, H., appointment, 360, 1188
 Wilson, H. C., degree, 452
 Wilson, H. K., degree, 1550
 Wilson, H. W., appointment, 694
 Wilson, J. E., degree, 419
 Wilson, J. F., degree, 1568
 Wilson, Mrs. Janet H., appointment, 1094
 Wilson, L. Jean, appointment, 1094
 Wilson, M. C., degree, 1238
 Wilson, Mabel, appointment, 11, 1308
 Wilson, Margaret J., degree, 1556
 Wilson, N. R., degree, 413
 Wilson, O. W., degree, 1387
 Wilson, R., appointment, 1135
 Wilson, R. F., degree, 1396
 Wilson, R. H., degree, 1556
 Wilson, R. M., appointment, 299
 Wilson, R. S., degree, 786
 Wilson, S. L., appointment, 1445
 Wilson, Shirley E., appointment, 277
 Wilson, Shirley L., degree, 1285
 Wilson, T. A., degree, 1284
 Wilson, T. L., degree, 413
 Wilson, V. E., degree, 825, 1570
 fellowship, 402
 Wilson, V. J., fellowship, 1485
 declination, 1488
 Wilson, Mrs. Velma K., appointment, 147,
 148, 156, 697, 984, 990, 1452
 Wilson, W., appointment, 81, 775, 914, 1451
 declination, 879
 Wilson, W. M., appointment, 124, 957
 book, printing, funds, gift, 548
 Wilson and Anderson, engineering services,
 plant for production of distilled water,
 528
 storm drainage in southeastern portion of
 campus, 437, 610, 660
 Wilson & Co., gift, 1214
 Wiltbank, J. N., fellowship, 677
 declination, 684
 Wiltz, D. G., degree, 816
 Wimberly, Mrs. Barbara H., appointment, 278
 Wimer, David Carlisle, degree, 822
 Wimer, David Cleveland, appointment, 98,
 932
 Wimer, Virginia S., appointment, 288
 Winans, Mrs. Marjorie D., appointment, 876,
 1040
 Winchell, G. H., certificate, 430
 Winchester, Mrs. Doris J., appointment, 275
 Winchester, Mary E., appointment, 401, 1021
 Winchester Avenue, building at 821 South,
 demolition, contract, 769
 Windal, F. W., degree, 1561
 Windchy, E. G., degree, 1564
 Windesheim, K. A., appointment, 86, 147,
 699, 920, 984, 1455
 Window types in residential dwellings, survey,
 contract, 1344
 Windsor, B. O., degree, 1566
 Windsor, P. L., appointment, 167, 182, 1003,
 1017
 Wineberg, J. J., degree, 825, 1575
 Wineman, E. L., degree, 594
 Winer, M. S., degree, 1570
 Winer, S., degree, 785
 Winesberry, Mildred, appointment, 323, 1165
 Wingate, N. E., degree, 1577
 Winge, C. W., certificate, 489
 Wingerd, W. H., degree, 1534
 Winick, M., degree, 1545
 Winikates, C. J., degree, 417
 Winnings, Jewelle O., degree, 791
 Winkelhaus, R. L., degree, 587
 Winkleblack, Phyllis L., degree, 1556
 Winklepleck, Barbara E., degree, 1563
 Winklepleck, L. G., appointment, 298, 1135
 Winkler, B. S., degree, 811
 Winkler, R. E., degree, 422
 Winkler, W. W., degree, 820
 Winks, Mrs. Ruth O., appointment, 1134
 Winn, Mrs. Jean A., appointment, 1122
 Winn, W., appointment, 312, 1150
 Winn, W. G., appointment, 301, 1136
 Winnett, W. L., appointment, 151, 985, 1381
 Winnick, C. N., degree, 782
 Winsauer, R. A., degree, 1552
 Winsberg, M. D., degree, 811
 Winslow, D. H., degree, 1245
 Winslow, Mrs. Reva, appointment, 1141
 Winston, J. J., degree, 829
 Winston, J. R., degree, 1248
 Winston, Mrs. Shirley E., appointment, 1125
 Winter, D. W., appointment, 401, 572, 1231
 Winter, F. R., degree, 1557
 Winterbottom, Mrs. Shirley A., appointment,
 256
 Winterowd, G. C., appointment, 1231
 degree, 818
 Winterroth, J. R., degree, 587
 Winters, M. L., degree, 580
 Winthrop-Stearns, Inc., gift, 1216
 Winzler, R. J., appointment, 1506
 Wiquist, R. C., degree, 1552
 Wire, purchase, Ceramic Engineering, 766
 Physical Plant, 559
 Wired wireless, appropriation, balance reappropriated,
 1197
 Wireless station, Journalism and Communica-
 tions, appropriation, 492
 Wiren, H. N., degree, 594
 Wirth, Patricia L., degree, 1560
 Wirtz, M. A., appointment, 1381
 Wirtz, Marian A., degree, 800
 Wisch, Gail R., degree, 1249
 Wischner, G. J., appointment, 83, 86, 698,
 699, 917, 1454
 Wise, E., appointment, 268, 1105
 Wise, Winifred G., appointment, 1145
 Wisely, W. M., degree, 1547
 Wiseman, H., appointment, 1132
 Wiseman, L. L., degree, 413
 Wiseman, R. S., fellowship, 1483
 Wiss, E. J., appointment, 1351
 Wiss, Joan B., degree, 1396
 Wistort, R. L. R., degree, 1559
 Wittges, Florence, appointment, 303, 1139
 Witherspoon, L. T., degree, 788
 Witkov, D., certificate, 1330
 Witt, E. E., degree, 1393
 Witt, F. E. L., appointment, 1118
 discovery, patent rights, release, 665
 Witt, F. W., degree, 825, 1575
 Witt, Jean L., appointment, 1138
 Witt, W. H., appointment, 93, 926
 Witte, Mrs. Ardella A., appointment, 1094
 Witte, Georgia E., degree, 1250
 Witte, J. W., degree, 590
 Witte, W. W., degree, 413
 Witter, R. E., appointment, 163, 998
 leave of absence, 574
 Witting, L. A., degree, 1559
 Wittmack, Pearl, appointment, 9
 Wittmer, N. E., degree, 596
 Wittorff, W. E., degree, 1550
 Wittrock, Verna, appointment, 76, 694, 909,
 1449
 Witts, Roxie P., degree, 791
 Witty, Barbara H., degree, 813
 Witzig, F. T., degree, 792
 Witzig, Mrs. Lois P., appointment, 1102
 Wixom, R. L., degree, 1533
 WLS Prairie Farmer Christmas Neighbor's
 Club, gift, 556
 Wodniak, Emily T., appointment, 317
 Woehrl, H. M., certificate, 1178
 Woel, E. T., degree, 410

- Woeltjen, A. E., degree, 1573
 Woeltjen, Lois A., degree, 1249
 Woerner, D. E., appointment, 690, 1446
 degree, 580
 Woerner, L. G., Jr., degree, 414
 Woest, C. L., degree, 804
 Woest, Mrs. Pauline P., appointment, 297
 Woesthoff, Margaret, appointment, 11, 1308
 Wohler, Wilma, appointment, 401, 447
 Wojciechowski, N. J., degree, 829
 Wojcik, H. J., degree, 588
 Wojnarowsky, Emilia N., degree, 823
 Wojniak, F., appointment, 359, 1187
 Wolatz, Mrs. Eleanor H., appointment, 1150
 Wolbers, C. P., degree, 416
 Wolcott, Katherine T., degree, 1556
 Woldt, Laurel S., appointment, 314, 1151
 Wolf, A., appointment, 354, 1182
 Wolf, A. A., appointment, 361, 1189
 Wolf, C. G., certificate, 1330
 Wolf, C., appointment, 1179
 Wolf, H. A., degree, 813
 Wolf, Herbert Sheldon, degree, 594
 Wolf, Herbert Solomon, degree, 583
 Wolf, J. G., degree, 451
 Wolf, Margaret J., degree, 590
 Wolf, S., degree, 1541
 Wolf, S. C., degree, 1565
 Wolf, Verna M., appointment, 315, 1153
 Wolfberg, Joanne F., degree, 808
 Wolfe, D. L., appointment, 264, 896
 degree, 1547
 Wolfe, D. M., degree, 1556
 Wolfe, E. C., appointment, 174, 178, 1009,
 1014, 1231
 Wolfe, H. E., degree, 589
 Wolfe, H. N., degree, 1401
 Wolfe, Marian M., degree, 1559
 Wolfe, Myra S., degree, 807
 Wolfe, R. S., certificate, 1330
 Wolf Envelope Co., purchase, 1466
 Wolff, B. E., degree, 1556
 Wolff, E. A., degree, 803
 Wolff, J. R., appointment, 356, 1185
 Wolff, Mrs. Lorraine R., appointment, 305,
 1141
 Wolff, R. W., appointment, 142
 declination, 405
 Wolff, Ruth H., degree, 593
 Wolfowitz, J., appointment, 1351
 Wolfson, K. G., degree, 1534
 fellowship, 513, 681
 Wolfson, M., degree, 795
 Wolfson, Mrs. Rosalind R., appointment, 1133
 Wolinsky, J., degree, 1557
 Wolinsky, Sheila R., degree, 1557
 Woll, Barbara J., degree, 1559
 Wollbrinck, W. R., degree, 590
 Wollermann, L. A., degree, 1542
 Wolleson, E. A., appointment, 239, 1078
 Wolnik, E. W., degree, 588
 Woloshin, Evelynne C., degree, 590
 Woloshin, I. H., degree, 1577
 Wolski, A. J., degree, 1552
 Wolski, J. D., degree, 1249
 Wolski, Joan A., degree, 1577
 Wolszon, J. D., degree, 809
 Wolter, Janet M., fellowship, 683
 Wolter, Kathryn M., degree, 800
 Woman's League, fund for needy students,
 addition, gift, 548
 Womeldorff, R. C., appointment, 123
 resignation, 778
 Women, Dean of, budget, 64, 262, 897, 1098
 Women employees, rest periods, 1431
 Women's Auxiliary of the College of Medi-
 cine, gift, 554
 Women's Group System, gift, 1468
 Women's Gymnasium, remodeling, appropria-
 tion, 434
 Women's residence halls, *See* Bussey Resi-
 dence Hall, Evans Residence Hall, and
 Lincoln Avenue Residence.
 Women's Rotary Club of Chicago, gift, 556,
 1217
 Wones, E., Jr., appointment, 358, 1186
 Wong, H. Y. M., degree, 1539
 Wong, H. Y. K., degree, 1545
 Wong, J. B., degree, 1240
 Wong, J. Y., degree, 1534
 Wood, A. E., appointment, 265, 1102
 Wood, C. G., Jr., degree, 1556
 Wood, Mrs. Cordill H., appointment, 401
 resignation, 573
 Wood, D. L., degree, 598
 Wood, E. C., certificate, 1338
 Wood, E. S., appointment, 572, 1187
 Wood, E. V., degree, 786
 Wood, F. H., appointment, 1424
 Wood, G. D., appointment, 274, 275, 1107,
 1111
 Wood, G. M., degree, 594
 Wood, H. C., degree, 827
 Wood, J. H., degree, 802
 Wood, J. W., appointment, 153, 988
 degree, 1401
 Wood, Mrs. Lissi C., appointment, 1131
 Wood, P. E., degree, 1553
 Wood, Pearl A., degree, 1566
 Wood, R. F., appointment, 258, 1094
 authority to sign name of President of
 Board, 602, 1404
 Wood, R. L., degree, 423
 Wood, Mrs. Violet F., appointment, 289, 1126
 Wood, W. A., appointment, 104, 938
 leave of absence, 574
 Wood, W. H., degree, 418
 Wood, Warren L., gift, 1214
 Wood, Willard L., appointment, 354, 1182
 Woodard, Mary L., appointment, 260
 Woodbridge, H. C., degree, 451, 794
 Woodburn, R. L., degree, 807
 Woodcock, H. M., appointment, 645, 1036,
 1045
 declination, 1235
 Woodman, E. M., appointment, 145, 730, 981,
 1448
 resignation, 405
 Woodmency, Colene R., degree, 811
 Woodroffe, Louise M., appointment, 154, 512,
 989
 Woodrow, H., appointment, 83, 916
 Woodrow, R. B., Jr., degree, 585
 Woodruff, B. E., degree, 1563
 Woodruff, F. H., & Sons, contract, 440
 Woodruff, L. W., appointment, 354, 1182
 Woodruff, W., appointment, 1447
 Woods, B. M., appointment, 186, 1004, 1021,
 1351
 Woods, Catherine, appointment, 329, 1171
 Woods, D. S., degree, 792
 Woods, Doris E., diploma, 1575
 Woods, Mrs. Dorothy B., appointment, 277,
 1113
 Woods, G. T., appointment, 120, 163, 953,
 999
 Woods, J. D., degree, 1388
 Woods, J. E., degree, 592
 Woods, L., appointment, 334, 1175
 Woods, Margaret M., appointment, 276, 1112
 Woods, N. C., Jr., degree, 1401
 Woods, R. B., certificate, 489
 Woodson, Charlene M., degree, 800
 Woodson, J. B., appointment, 167, 170, 695,
 876, 1002, 1006

- Woodson, Sally J., degree, 1543
 Woodstrup, T. E., degree, 784
 Woodward, E. R., degree, 1252
 Woodward, L. R., degree, 825, 1575
 Woodward, Mrs. Marthine V., appointment, 285, 1122
 Woodward, P. D., certificate, 842
 Woodward, Mrs. Rose, appointment, 1141
 Woodworth, C. M., appointment, 98, 932
 Woody, F. L., appointment, 281, 1117
 Woody, J. A., degree, 814
 Woodyard, T. H., degree, 1542
 Woodyatt, R. T., appointment, 353, 1181
 Woolard, A. P., degree, 1570
 Woolard, Margie J., degree, 1566
 Wooldridge, Mrs. Joan, appointment, 294, 1131
 Wooldridge, M. L., degree, 1393
 Wooley, Ethel, appointment, 1448
 Wooley, L. E., degree, 598
 Woolfolk, Marie, appointment, 1146
 Woolworth, F. W., Co., stock, sale, 835
 Wooster, J. J., appointment, 1500
 Worack, P. E., degree, 593
 Worden, Mrs. Lois V., appointment, 262
 Worden, W. S., appointment, 76, 908
 Work, C. E., appointment, 134, 970
 Work, Dorothy L., appointment, 283
 Working, E. J., appointment, 94, 115, 928, 948
 Working cash funds, Chicago departments, increase, 1465
 Workman, C. F., degree, 1562
 Workman, Mrs. Ellen K., appointment, 1104
 Workman, Lou Ann B., degree, 807
 Workman, Miriam, degree, 596
 Workman, N. L., degree, 1398
 Workmen's Compensation Act, extra-hazardous occupations, restrictions, revisions requested, 497
 Work schedule, agricultural employees, change, 705
 nonacademic employees, 1429
 regulations, amendment, 1515
 Worland, S. T., appointment, 691
 Worley, W. J., appointment, 134, 969
 Worman, L. L., degree, 594
 Worman, Mrs. M. Maxine, appointment, 284
 Worner, Alice M., degree, 1556
 Worrell, J. W., fellowship, 1485
 Worrell, Rachel, appointment, 1130
 Worrell, W. J., degree, 590
 Worth, Carol D., degree, 1536
 Worth, G. J., fellowship, 1352, 1483
 Worth, L. S., degree, 815
 Worth, W. J., appointment, 1231, 1315, 1529
 degree, 595
 Worthey, H. R., Jr., degree, 425
 Worthington Pump & Machinery Corp., purchase, 559
 Wozencraft, H. W., appointment, 298, 1134
 Wozencraft, Marian, degree, 408
 Wozgin, Julia E., appointment, 321, 730, 775, 1060, 1334
 Wozniak, R. E., degree, 803
 Wozniak, R. J., appointment, 1277
 degree, 829
 resignation, 1383
 Wray, D. E., appointment, 85, 179, 918, 1014
 Wray, G. D., degree, 596
 Wray, J. W., degree, 1385
 Wright, A. D., appointment, 129, 964
 Wright, Barbara M., appointment, 294
 Wright, Mrs. Betty A., appointment, 324, 1157
 Wright, Betty L., degree, 807
 Wright, Daniel E., degree, 803
 Wright, Donald E., degree, 811
 Wright, D. G., appointment, 361, 1047, 1381
 cancellation, 1353
 resignation, 513
 Wright, Dolores B., degree, 420
 Wright, Dorothy A., degree, 1398
 Wright, E. A., Co., purchase, 31
 Wright, Mrs. Elizabeth V., appointment, 242, 401, 1081
 Wright, G. D. T., appointment, 676, 959
 degree, 1388
 resignation, 1383
 Wright, G. J., degree, 1550
 Wright, G. L., Jr., certificate, 1357
 Wright, Gwendolyn L., degree, 800
 Wright, H. C., degree, 1575
 Wright, H. L., degree, 1565
 Wright, J. C., degree, 782
 Wright, John F., degree, 1550
 Wright, Josef F., appointment, 166, 170, 1002, 1006
 property, purchase, 3
 Wright, Mildred E., degree, 421
 Wright, N. F., degree, 1236
 Wright, Nancy L., degree, 800
 Wright, P. M., degree, 1392
 Wright, R. F., degree, 829
 Wright, R. M., appointment, 130, 965
 Wright, T. O., degree, 1248
 Wright, W. A., appointment, 332, 1174
 Wright, W. H., gift, 1219
 Wright Farms, cattle, purchase, 527
 authority, 346
 contract, corn crib construction, 667
 grain storage building, 1462, 1496
 machine shed, addition, 1359
 elevator, purchase, 768
 Wright-Patterson Air Force Base, permit to land plane, 440
 Wright Street, mailing room at 1007 South, appropriation, balance reappropriated, 1198
 property at 501 South, purchase, 540
 remodeling, appropriation, 1199
 Wrigley, C. F., appointment, 1277
 Wrobel, Mrs. Dora H., appointment, 333, 1175
 Wroblewski, B., degree, 804
 Wroge, E., certificate, 842
 Wroten, Helen L., degree, 451
 Wrought Steel Wheel Industry, Technical Board, contract, change, 610, 1360
 Wu, Hung S., degree, 576
 Wu, Shi-Shu, degree, 783
 Wu, Tien H., degree, 782
 Wuebbens, Doris M., degree, 813
 Wuerker, R. G., appointment, 131, 965
 Wulfert, R. A., degree, 816
 Wulff, R. L., degree, 596
 Wulff, Mrs. Ruth G., appointment, 284
 Wulff, V. J., appointment, 82, 876, 915
 resignation, 1235
 Wullenweber, Beverly A., degree, 807
 Wunderlich, L. J., degree, 588
 Wyant, G. M., appointment, 45, 213, 1050
 Wyatt, A. R., certificate, 42
 degree, 409
 Wygodski, Marie, degree, 1560
 Wykowski, L. W., degree, 804
 Wyle, Helen, appointment, 306, 1143
 authority to sign name of Secretary of Board, 4, 602, 1405
 Wylie, Mrs. Doris K., appointment, 261, 1097
 Wylie, Margaret, appointment, 12
 Wylie, R. E., degree, 804
 Wylie, Dr. and Mrs. S. M., bequest, 373
 Wylie, R. J., degree, 594
 Wyman, E. T., degree, 473
 Wyman, M. G., degree, 1572

- Wynn, Bonnie J., appointment, 401
 declination, 449
 Wynn, J. A., degree, 817
 Wynn, S. R., certificate, 489
 Wynnell, A., appointment, 1155
- Xceron, painting, purchase, 711
 X-ray equipment, Geology, appropriation, 655
 purchase, 710
 Health Service, purchase, 712
 X-ray tube, Radiology, appropriation, 435
 X-ray unit, purchase, Mining and Metallurgical Engineering, 1206
 Research and Educational Hospitals, 1359
- Yaffe, B., appointment, 352, 1180
 Yaffe, Mrs. Ruth D., appointment, 244
 Yahiro, A. T., degree, 579
 Yahr, C. C., fellowship, 513, 680
 Yakei, R. C., degree, 1551
 Yale, D. A., degree, 1551
 Yale, S. H., appointment, 216, 478, 512, 1052
 Yalowitz, Esther F., degree, 1388
 Yamagata, Taketora, degree, 1545
 fellowship, 1485
 Yamakuchi, Kyoji, degree, 591
 Yamamoto, Mrs. Amy, appointment, 309
 Yamamoto, Mitsuru, degree, 1248
 Yamamura, Sakae, fellowship, 679
 declination, 684
 Yancey, Ruth, appointment, 322, 1164
 Yang, Chen N., appointment, 775
 Yang, Chung-Tao, appointment, 1500
 Yang, Fu H., degree, 1282
 Yang, Nai-Chen, degree, 790
 Yang, Pao-Chung M., degree, 1241
 Yang, Siang-Wen J., degree, 1552
 Yankee, G. G., degree, 1532
 Yankee, D. C., appointment, 293
 Yankow, H. G., appointment, 248, 701, 1086
 Yankwich, P. E., appointment, 45, 72, 876,
 905, 1500
 Yannias, S. C., degree, 1577
 Yanow, F. S., degree, 829
 Yantis, F. S., & Co., financing housing project
 in Chicago, offer, 569
 approved, 569
 revenue bonds, 621
 Yao, Chung H., degree, 792
 Yapp, W. W., appointment, 104, 937
 Yarbrough, H. F., Jr., appointment, 689, 1445
 degree, 1240
 Yarros, V. S., gift, 556, 1474
 Yaru, N., appointment, 1382
 Yaru, Virginia E., appointment, 262
 Yates, E. R., appointment, 1119
 Yates, Hazel A., appointment, 262, 1098
 Yates, S. M., degree, 1387
 Yates, W. R., degree, 817
 Yeager, T. F., degree, 1559
 Yeast genetics, study, contract, 378
 Yeast genetics laboratory, contract, change,
 1208
 Yeatman, J. A., Jr., degree, 579
 Yee, Mrs. Clara T. L., appointment, 1109
 Yegian, Shahan, degree, 1540
 Yellen, H. J., appointment, 355, 1183
 Yen, Shee-Mang, degree, 1282
 Yen, Ti, fellowship, 681
 Yenawine, W. S., appointment, 168, 184, 1004,
 1020
 Yeomans, Catherine, appointment, 9
 Yeomans Brothers Co., purchase, 768
 Yero, R. J., degree, 1550
 Yildirim, Irfan, degree, 1540
 Yochelson, S. B., degree, 414
 Yocius, W. S., degree, 815
 Yockey, D. E., degree, 799
 Yoder, H. A., Jr., degree, 808
- Yoggerst, J. P., degree, 408
 Yohnka, R. K., degree, 418
 Yokem, J. W., degree, 1563
 Yokohama, Hiroshi, fellowship, 513
 Yonan, J. B., appointment, 355, 1183
 York, D. L., degree, 827
 York, O., Jr., degree, 1533
 York, S., degree, 589
 York, S. B., appointment, 173, 1009
 Yorkston, Doreen M., appointment, 1479
 Yoshikawa, Susie Ayako, degree, 825
 Yoshizawa, Sumi, appointment, 1278
 Yothers, L. W., appointment, 401
 Youmans, A. B., degree, 598
 Young, A. L., appointment, 97, 930
 Young, B. J., degree, 589
 Young, C. M., appointment, 1186
 Young, C. S., member of advisory committee, 36
 Young, C. W., appointment, 356
 Young, Mrs. Fay G., appointment, 1529
 Young, Florence, appointment, 11
 Young, G. A., appointment, 125, 958, 1231,
 1529
 Young, Gertrude, appointment, 320, 1158
 Young, H. C., degree, 818
 Young, H. F., appointment, 299
 Young, I. J., fellowship, 1232
 Young, J., degree, 1246
 Young, J. N., appointment, 164, 695, 1000,
 1451
 Young, K. J., degree, 803
 Young, Marian E., degree, 582
 Young, N., appointment, 401, 692
 degree, 1236
 resignation, 1235
 Young, P., appointment, 155, 696, 990, 1452
 Young, P. T., appointment, 83, 916
 Young, O. D., degree, 1570
 Young, R., Jr., degree, 413
 Young, R. E., degree, 593
 Young, R. G., degree, 585
 Young, S. F., degree, 1239
 Young, T. E., fellowship, 679, 1501
 Young, T. S., degree, 1243
 Young, W., appointment, 274, 1110
 Young, W. H., Jr., degree, 799
 Young America Films, contract, 1219
 Young & Rubicam, Inc., gift, 1471
 Youngblood, R. C., degree, 1550
 Youngquist, A. L., degree, 590
 Youngren, Gloria A., diploma, 1575
 Youngs, J. R., degree, 1563
 Yuan, Hsun-kuang, degree, 782
 Yudkowsky, Miriam, fellowship, 1486
 Yuhasz, M. S., degree, 1246
 Yungck, Mrs. Helene E., appointment, 279,
 1116
 Yungck, R. J., degree, 1400
 Yuris, Nancy, degree, 1556
 Yurtman, Sermet H., degree, 1240
 Yusken, J. W., degree, 416
- Zabel, R. L., certificate, 42
 Zabel, T. E., degree, 807
 Zabin, Beverly R., degree, 807
 Zabin, J. G., degree, 1568
 Zablock, Alice V., appointment, 309, 1147
 Zacek, J. F., degree, 1556
 fellowship, 1486
 Zachan, P. H., degree, 1395
 Zachary, Mrs. Marilyn J., appointment, 293
 Zachrisson, S. G., degree, 452
 Zacobitch, J. M., degree, 1249
 Zadenetz, R. A., degree, 814
 Zafaras, Mrs. Ancilla O., appointment, 330
 Zagorin, B. L., degree, 1238
 Zahorsky, Mrs. Metta M., appointment, 148,
 150, 645, 692, 982

- Zajic, Helen O., degree, 418
 Zak, H. B., appointment, 45
 Zak, Margaret, appointment, 313
 Zaks, Noreen V., degree, 811
 Zaldokas, E. A., degree, 422
 Zaleski, J. A., degree, 811
 Zaleski, W. F., degree, 822
 Zaloudek, C. J., degree, 584
 Zalucky, T. B., degree, 1577
 Zamecnik, J. J., certificate, 1330
 Zamiska, L. W., appointment, 154, 989
 Zammuto, P. J., degree, 1562
 Zancanella, F. C., degree, 818, 1565
 Zander, Berenice A., appointment, 92, 926
 leave of absence, 1235
 Zander, Mary L., degree, 1559
 Zander, R. L., appointment, 299, 1135, 1136
 Zang, R. L., degree, 1559
 Zanin, Rosemary, appointment, 320, 1159
 Zanona, A., degree, 803
 Zantotti, G. J., appointment, 45, 246, 645,
 702, 1077, 1085, 1382, 1457
 declination, 1502
 Zarbock, R. F., degree, 595
 Zardoya, Maria C., appointment, 85
 degree, 1535
 Zaruba, J., degree, 1577
 Zasloff, Phyllis, degree, 1249
 Zatkoff, S., degree, 413
 Zavarella, V., degree, 593
 Zawadzki, M. I., fellowship, 1479
 Zazove, D., appointment, 1158
 Zdebliek, Olga, diploma, 1575
 Zebrun, Olga, appointment, 309, 1146
 Zebrun, W., degree, 1545
 Zechel, G. L., appointment, 201, 1037
 Zedialis, A. E., degree, 587
 Zeid, S. S., degree, 827
 Zeiger, B., degree, 579
 Zeigler, W. A., appointment, 690
 Zeimer, Jeannette M., appointment, 243, 703,
 1082, 1458
 Zeitlin, H., appointment, 356, 1184
 leave of absence, 1280
 Zekman, T. N., appointment, 357, 1186
 Zelenka, R. H., degree, 1570
 Zeller, Barbara J., degree, 1536
 Zeller, F. J., degree, 811
 Zeller, Fay L., diploma, 1575
 Zeller, G. J., appointment, 1152
 Zeller, M., appointment, 355
 Zeller, R. H., degree, 1243
 Zeman, M., appointment, 46
 Zerante, J. J., degree, 818
 Zervas, J. E., degree, 595
 Zeta Phi Eta, Tau Chapter, gift, 1212
 Zevkovich, G., degree, 802
 Zibelman, W. B., degree, 410
 Zibrida, J. A., degree, 1577
 Zid, F. W., degree, 1559
 Ziebel, T. S., appointment, 334, 1175
 Ziebell, W. G., degree, 811
 Ziegler, A. H., degree, 593
 Ziegler, E. L., degree, 811
 Ziegler, J. L., certificate, 1330
 Ziegler, P. F., degree, 1553
 Ziegler, R. P., degree, 818
 Ziegler, W. A., degree, 1385
 Zieslesch, Marguerite R., appointment, 221,
 1058
 Zielinski, H. J., degree, 421
 Zielinski, R. R., degree, 1548
 Zielnik, R. W., degree, 1562
 Zientek, R. J., appointment, 360, 1189
 Ziesemann, R. H., certificate, 1178
 Zigman, E., degree, 816
 Zike, V. M., degree, 790
 Zilinskas, M. J., degree, 1399
 Zilmer, N. D., degree, 1577
 Zim, H. S., appointment, 145, 692, 980, 1448
 Zima, R. J., degree, 816
 Zimberoff, Mrs. Emma, appointment, 333, 1175
 Zimmer, B. A., degree, 598
 Zimmer, R. W., appointment, 258, 1094
 authority to sign name of President of
 Board, 602, 1404
 Zimmerly, P. C., appointment, 140
 declination, 449
 Zimmerman, C. W., degree, 1247
 Zimmerman, Dorothy W., degree, 408
 Zimmerman, E. J., appointment, 132, 676
 declination, 405
 degree, 783
 Zimmerman, Elaine T., degree, 1573
 Zimmerman, Mrs. Ellen, appointment, 1157
 Zimmerman, F. N., degree, 589
 Zimmerman, Harriet H., degree, 1557
 Zimmerman, Ida M., appointment, 265
 Zimmerman, J. H., degree, 784
 Zimmerman, J. W., degree, 577
 Zimmerman, K. N., degree, 799
 Zimmerman, M. K., degree, 822
 Zimmerman, P. A., degree, 1282
 Zimmerman, Patricia, appointment, 262, 1098
 Zimmerman, W. A., degree, 790
 fellowship, 478
 Zimmerman, W. F., appointment, 123, 572,
 957
 degree, 1539
 fellowship, 1382
 leave of absence, 733
 resignation, 1383
 Zimmerman, W. G., degree, 1544
 Zimmermann, A. A., appointment, 201, 1037
 Zimmermann, J. W., degree, 425
 Zimmermann, W. K., degree, 811
 Zimmit, G. L., certificate, 1330
 Zimny, Patricia A., degree, 811
 Zimring, A. J., appointment, 401, 1180
 Zinker, E. J., degree, 820
 Zipprich, J. C., appointment, 1351
 degree, 794
 Zirkle, R. G., degree, 1542
 Zirner, L. E., appointment, 156, 990
 leave of absence, 1408
 Zirola, Nicola V., appointment, 154, 689, 989
 leave of absence, 733, 779
 Ziska, G. W., Jr., appointment, 46, 876
 degree, 789
 Zivin, S., appointment, 356, 645, 1351, 1382
 Zlotowitz, N., degree, 420
 Zmay, Mary E., appointment, 1146
 Zmuda, B. A., degree, 1251
 Zmuda, L. J., degree, 804
 Zmyslony, Adrienne D., appointment, 331, 1172
 Znaniecki, F. W., appointment, 84, 918
 book, printing, 1206, 1495
 Zobel, H. F., degree, 789
 Zolt, N., appointment, 356, 1184
 leave of absence, 1317
 Zook, R. E., appointment, 329, 1170
 Zoology, appropriations, balances reappropri-
 ated, 37, 39, 365, 1197
 budget, 87, 268, 920, 1104
 summer session, 701, 1456
 equipment, appropriation, 762
 fellows, 682, 1486
 fellowship, gift, Velsicol Corp., 549, 1212
 funds for field trip, gift, 1211
 purchase, amplifier, 853
 monochromator, 853
 thermocouple, 853
 remodeling, appropriation, 1339
 research, gift, 1214
 Zornig, Carol R., degree, 807
 Zubko, L. M., appointment, 129, 964
 leave of absence, 1235
 Zuckerman, M. J., degree, 1252

Zuckerman, M. S., certificate, 1330
Zuckerman, Sandra, degree, 1399
Zuehsow, W. H., appointment, 326, 1167
Zukerman, Rosaline L., degree, 1396
Zumdahl, Esther, appointment, 323, 1166
Zundel, W. J., certificate, 842
Zuppke, R. C., appointment, 159, 994
 scholarships, gift, 1211
Zurawski, J. J., certificate, 1330
Zuschlag, W. E., degree, 799, 1568
Zver, J. F., degree, 815
Zverow, Judith E., degree, 1556

Zwemer, J. D., appointment, 218, 1315
 degree, 830
 resignation, 1530
Zwick, Mrs. Margaret O., appointment, 1278
 degree, 785
Zwinak, Mrs. Gloria P., appointment, 293
Zwit, W. F., degree, 1398
Zwolanek, Helen K., appointment, 109, 943
Zygmunt, W. A., degree, 450
Zylstra, J., certificate, 489
Zylstra, L. B., degree, 794