

UNIVERSITY OF ILLINOIS
TRANSACTIONS
OF THE BOARD OF TRUSTEES

Fifty-Fourth Report

(SEVEN ANNUAL AND FORTY-SEVEN BIENNIAL REPORTS)

JULY 1, 1966, TO JUNE 30, 1968



PUBLISHED BY THE UNIVERSITY OF ILLINOIS • URBANA

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URBANA, ILLINOIS, JUNE 30, 1968

Honorable Samuel H. Shapiro, Governor of Illinois:

SIR: I have the honor to submit to you herewith, in compliance with the law, the fifty-fourth report of The Board of Trustees of the University of Illinois, for the two years ending June 30, 1968.

Respectfully yours,

EARL W. PORTER, *Secretary*

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(Term 1965-71)

HOWARD W. CLEMENT, First National Bank Building, 38 South Dearborn Street, Chicago 60603
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1967-68

The University Council consists of the President; the Executive Vice-President and Provost; the deans of the colleges; the directors or deans of independently organized schools, divisions, and institutes; other University officers who report directly to the President; and five members chosen by ballot from and by the three Senates as follows: one from the Medical Center Senate, one from the Chicago Circle Senate, and three from the Urbana-Champaign Senate.

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THE UNIVERSITY SENATES

1967-68

A Senate is constituted at each campus of the University known, respectively, as the Urbana-Champaign Senate, the Medical Center Senate, and the Chicago Circle Senate.

Each Senate consists of the full professors, the deans of colleges, the directors or deans of schools and institutes, and the heads and chairmen of departments (or persons acting in the foregoing positions) at the campus represented by that Senate; and, on the recommendation of the Committee on Educational Policy of that Senate, of persons of other academic rank or administrative status, as each Senate may determine by resolution. In no case, however, is any person, irrespective of academic rank or administrative status, a member of a Senate, or eligible for membership, unless he holds at least a half-time appointment and receives salary from the University for such services, as specified in his contract. Senate members of the teaching and research staffs are, upon retirement, entitled to the privileges of the floor at all meetings of their Senate. Membership on any standing committee of a Senate is open to the general faculty, and carries with it the privileges of the floor of the Senate, including that of voting, so long as such membership continues.

The President, the Executive Vice-President and Provost, the Vice-President and Comptroller, the Legal Counsel, the University Dean of Admissions and Records, and the Chancellors for Urbana, the Medical Center, and Chicago Circle are ex officio members of each of the Senates. The President is the presiding officer of each Senate, but, in his absence or inability to preside, this function is exercised in each Senate by its Chancellor. Each ex officio member may designate a representative to act in his behalf at any Senate meeting.

URBANA-CHAMPAIGN

Members ex Officio

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 EDWIN LEROY HANSEN, M.S., Professor of Agricultural Engineering
 ALFRED O. HANSON, Ph.D., Professor of Physics
 JOHN BERNARD HANSON, Ph.D., Professor of Plant Physiology in Agronomy and in Botany, and Head of the Department of Botany
 LYLE E. HANSON, D.V.M., Ph.D., Professor of Veterinary Pathology and Hygiene and Head of the Department, and Professor of Veterinary Research
 ROBERT WILLIS HARBESON, Ph.D., McKinley Professor of Economics and Public Utilities
 HARRY JUNIOR HARDENBROOK, D.V.M., Ph.D., Professor of Veterinary Clinical Medicine
 CHARLES DUNN HARDIE, M.A., Visiting Professor of History and Philosophy of Education

- JACK RODNEY HARLAN, Ph.D., Professor of Plant Genetics in Agronomy
 MARIAN HARMAN, Ph.D., Professor of Library Administration and Acting Rare Book Room Librarian
 GEORGE WILLIAM HARPER, Met.E., M.S., Professor of Mechanical Engineering
 WARNER SKINNER HARRIS, M.S., Professor of Mechanical Engineering
 KENNETH E. HARSHBARGER, Ph.D., Professor of Nutrition in Dairy Science and Associate Head of the Department
 J. THOMAS HASTINGS, Ph.D., Professor of Educational Psychology and Director of the Center for Instructional Research and Curriculum Evaluation
 RAY D. HATCH, D.V.M., M.S., Professor of Veterinary Clinical Medicine and Biological Structure and of Veterinary Anatomy and Histology
 EFTON EVERETT HATFIELD, Ph.D., Professor of Animal Science
 CHARLES STEWART HAVENS, M.S., University Director of Physical Plant Planning and Construction
 PETER H. HAY, J.D., Professor of Law
 RALPH CARROLL HAY, M.S., Professor of Agricultural Engineering
 WILLIAM WALTER HAY, Mgt.E., Ph.D., Professor of Railway Civil Engineering
 RAY LEROY HAYS, Ph.D., Professor of Physiology in Dairy Science
 HAROLD NATHANIEL HAYWARD, M.S., E.E., Professor of Electrical Engineering and Director of the Measurement Program
 EUGENE F. HEBRANK, M.E., M.S., Professor of Mechanical Engineering
 JOSEPH MEYER HEIKOFF, Ph.D., Professor of Urban Planning and Director of the Bureau of Community Planning
 MAURICE HASKELL HEINS, Ph.D., Professor of Mathematics
 JOHN LEWIS HELLER, Ph.D., Professor of the Classics
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 KENNETH B. HENDERSON, Ph.D., Professor of Secondary and Continuing Education
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 JOHN ADAMS HENRY, M.S., Professor of Mechanical Engineering
 MORELAND HERRIN, Ph.D., Professor of Civil Engineering
 JOHN HENRY HETRICK, Ph.D., Professor of Dairy Technology in Food Science
 BARNARD HEWITT, Ph.D., Professor of Speech, Professor of Theatre and Chairman of the Department
 BRUCE LATHAM HICKS, Ph.D., Professor of Aeronautical and Astronautical Engineering, and Research Professor in the Coordinated Science Laboratory and in the Computer-based Education Research Laboratory
 THOMAS APPLGATE HIERONYMUS, Ph.D., Professor of Grain Marketing in Agricultural Economics
 RICHARD M. HILL, Ph.D., Professor of Business Administration and of Marketing, and Professor of Industrial Administration and Acting Head of the Department
 LEJAREN ARTHUR HILLER, JR., Ph.D., Professor of Music
 HARRY HERBERT HILTON, Ph.D., Professor of Aeronautical and Astronautical Engineering
 MARK H. HINDSLEY, A.M., Professor of Music and Director of University of Illinois Bands
 JERRY HIRSCH, Ph.D., Professor of Psychology and of Zoology
 CARL NELSON HITTLE, Ph.D., Professor of Plant Breeding in Agronomy
 DONALD RENWICK HODGMAN, Ph.D., Professor of Economics
 DONALD FREDERICK HOFFMEISTER, Ph.D., Professor of Zoology and Director of the Natural History Museum
 FRANZ EDWARD HOHN, Ph.D., Professor of Mathematics and Research Professor in the Coordinated Science Laboratory
 ALLAN GIBSON HOLADAY, Ph.D., Professor of English
 JOHN MILTON HOLCOMB, M.S., Professor of Farm Management and Finance in Agricultural Economics
 I. IRVING HOLLAND, Ph.D., Professor of Forestry Economics
 NICK HOLONYAK, JR., Ph.D., Professor of Electrical Engineering

- DON FRANKLIN HOLSHOUSER, Ph.D., Professor of Electrical Engineering
 HELFRIED PETER HOLZER, Dr.rer.comm., C.P.A., Professor of Accountancy
 JULIUS N. HOOK, Ph.D., Professor of English and Counselor in the Council on Teacher Education
 ARTHUR LEE HOOKER, Ph.D., Professor of Plant Pathology and Plant Genetics in Agronomy
 JOHN ALFRED HOPKIN, Ph.D., Professor of Agricultural Economics and of Agricultural Finance
 HAROLD LANCASTER HORNBEAK, M.S., Professor of Architectural Engineering
 WILLIAM ROBERT HORSFALL, Ph.D., Professor of Entomology
 LOUIS BRADLEY HOWARD, Ph.D., D.Sc., Professor of Food Science
 J. VICTOR HOWARTH, Visiting Research Professor of Physiology and Biophysics
 HOWARD STANLEY HOYMAN, Ed.D., Professor of Health Education and Head of the Department of Health and Safety Education
 ALFRED WILLIAM HUBBARD, Ph.D., Professor of Physical Education for Men
 WILLIAM G. HUBER, Ph.D., Assistant Dean of Veterinary Medicine and Professor of Veterinary Physiology and Pharmacology and of Veterinary Research
 LAURA JEWEL HUELSTER, Ph.D., Professor of Physical Education for Women
 WILLIAM HOWARD HUFF, A.M., Professor of Library Administration and Serials Librarian
 WARREN JUSTUS HUFFMAN, Ed.D., Professor of Health and Safety Education in the College of Physical Education and in the Division of University Extension
 JAMES EDWARD HULETT, JR., Ph.D., Professor of Sociology
 WILLIAM LAVALDIN HULL, M.M.E., M.E., M.S., Professor of Mechanical Engineering
 RICHARD EMANUEL HULT, B.S., B.F.A., Professor of Art
 JOHN P. HUMMEL, Ph.D., Professor of Chemistry and of Physics
 LLOYD GIRTON HUMPHREYS, Ph.D., Professor of Psychology and Head of the Department, and Professor of Educational Psychology
 J. McVICKER HUNT, Ph.D., D.Sc., Professor of Psychology
 GEORGE HOWARD HUNTER, M.Mus., Professor of Music
 WILLIAM P. HURDER, Ph.D., M.D., Professor of Special Education and Director of the Institute for Research on Exceptional Children
 LAURENCE MERCER HURSH, M.S., M.D., Associate Director of Health Service, Head of the Division of Environmental Health, and Professor of Health Science
 HAROLD MELVIN HYMAN, Ph.D., Professor of History
 LESTER INGLE, Ph.D., Professor of Zoology
 ALEXANDRA B. IONESCU-TULCEA, Ph.D., Professor of Mathematics (resigned April 15, 1968)
 HERBERT ORIN IRELAND, Ph.D., Professor of Civil Engineering
 FRANCIS HENRY ITZIN, M.A., Professor of Social Work
 JOSEPH ALDEN JACKOBS, Ph.D., Professor of Crop Production in Agronomy
 BILLY M. JACKSON, M.A., Professor of Art
 DAVID NUMRO JACKSON, Ph.D., Professor of Educational Administration and Supervision
 DONALD DEAN JACKSON, Ph.D., Associate Director and Editor in the University Press with rank of Professor
 NORMAN GABRIEL JACOBS, Ph.D., Professor of Sociology and in the Asian Studies Center
 PEARL Z. JANSSEN, M.S., Professor of Foods in Home Economics
 DONALD GEORGE JEDELE, M.S., Professor of Agricultural Engineering
 FRANCES BRIGGS JENKINS, Ph.D., B.L.S., Professor of Library Science
 ALDON HOMAN JENSEN, Ph.D., Professor of Animal Nutrition in Animal Science
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 ROBERT A. JEWETT, M.S., Professor of General Engineering
 ROBERT WALTER JOHANNSEN, Ph.D., Professor of History
 IVAN JOHANSSON, Ph.D., Visiting Professor of Genetics in Dairy Science
 HARRY MORTON JOHNSON, Ph.D., Professor of Sociology
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 BENJAMIN A. JONES, JR., Ph.D., Professor of Agricultural Engineering

- FRED MITCHELL JONES, Ph.D., Professor of Marketing
G. NEVILLE JONES, Ph.D., Professor of Botany and Curator of the Herbarium
PAUL GUY JONES, M.S., Professor of Theoretical and Applied Mechanics
RUDARD ARTABAN JONES, M.S., Research Professor of Architecture and Director of the Small Homes Council-Building Research Council
R. STEWART JONES, Ph.D., Professor of Educational Psychology and Chairman of the Department
EDWARD CONRAD JORDAN, Ph.D., Professor of Electrical Engineering and Head of the Department
FRANCOIS JOST, Ph.D., Professor of French and Chairman of the Program in Comparative Literature
GEORGE GARRETT JUDGE, Ph.D., Professor of Agricultural Economics and of Economics
ROBERT WILLIAM JUGENHEIMER, Ph.D., Professor of Plant Genetics in Agronomy and Campus Director of Agency for International Development Projects
LEO PHILIP KADANOFF, Ph.D., Professor of Physics
HENRY ROMANOS KAHANE, Ph.D., Professor of Spanish and of Linguistics
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WILLIAM EMIL KAPPAUF, Ph.D., Professor of Psychology
HOUSSAM M. KARARA, D.Sc., Professor of Civil Engineering
M. RAY KARNES, Ph.D., Professor of Vocational and Technical Education and Chairman of the Department (on leave in Sierra Leone)
MERLE B. KARNES, Ed.D., Professor of Special Education and in the Institute for Research on Exceptional Children
BERNARD KARSH, Ph.D., Professor of Sociology and in the Institute of Labor and Industrial Relations
JOSEPH KASTELIC, Ph.D., Professor of Nutritional Biochemistry in Animal Science
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CLYDE WILSON KEARNS, Ph.D., Professor of Entomology and Head of the Department
WALTER MARVIN KEITH, M.L.A., Professor of Landscape Architecture and Director of Robert Allerton Park
KING KELLOGG, Ph.D., Professor of Music
J. ROBERT KELLY, M.Mus., Professor of Music
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DONALD LORENZO KEMMERER, Ph.D., Professor of Economics
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SAMUEL CHARLES KENDEIGH, Ph.D., Professor of Zoology
J. WILLIAM KENNEDY, M.F.A., Professor of Art
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HUBERT KESSLER, Ph.D., Professor of Music
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CHARLES ANTHONY KNUDSON, Ph.D., Professor of French
JAMES S. KOEHLER, Ph.D., Professor of Physics
LOUIS JULIUS KOESTER, JR., Ph.D., Research Professor of Physics
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- PHILIP KOLB, Ph.D., Professor of French
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 HELMUT HANS KORST, Dr.techn., Professor of Mechanical Engineering and Head of the Department of Mechanical and Industrial Engineering
 NORMAN GEORGE PHILIP KRAUSZ, B.S., LL.B., Professor of Agricultural Law in Agricultural Economics
 PETER GERALD KRUGER, Ph.D., Professor of Physics
 FRANCIS JEREMIAH KRUIDENIER, Ph.D., Professor of Zoology
 ULRICH ERNST KRUSE, Ph.D., Professor of Physics
 OTTO ERICH KUGLER, Ph.D., Professor of Biological Science in the Division of General Studies
 FRED AUGUST KUMMEROW, Ph.D., Professor of Food Chemistry in Food Sciences
 BENJAMIN CHUNG-I KUO, Ph.D., Professor of Electrical Engineering
 LESTER TOUBY KURTZ, Ph.D., Professor of Soil Fertility in Agronomy
 WINIFRED CLAIRE LADLEY, M.L.S., Professor of Library Science
 WAYNE R. LAFAVE, S.J.D., LL.B., Professor of Law
 ALAN KEMP LAING, A.B., Professor of Architecture
 HERBERT AUGUST LAITINEN, Ph.D., Professor of Chemistry
 RAY GARTNER LANGEBARTEL, Ph.D., Professor of Mathematics
 RALPH L. LANGENHEIM, Ph.D., Professor of Geology
 HENRY LOUIS LANGHAAR, Ph.D., Professor of Theoretical and Applied Mechanics
 FRANK BRISTOL LANHAM, Ph.D., Professor of Agricultural Engineering and Head of the Department
 LYLE H. LANIER, Ph.D., Professor of Psychology and Executive Vice-President and Provost
 WALLACE MONROE LANSFORD, M.S., C.E., Professor of Theoretical and Applied Mechanics
 KENNETH MELVIN LANSING, Ed.D., Professor of Art and of Art Education in Elementary Education
 BERNT OSCAR LARSON, M.S., C.E., Professor of General Engineering
 BRUCE LINDER LARSON, Ph.D., Professor of Biological Chemistry in Dairy Science
 DONALD EDWIN LATHROPE, Ph.D., Professor of Social Work
 JOHN RAPHAEL LAUGHANAN, Ph.D., Professor of Botany and of Plant Genetics in Agronomy
 MRS. CELIA BURNS LAVATELLI, Ph.D., Professor of Elementary Education
 LEO SILVIO LAVATELLI, Ph.D., Professor of Physics
 DAVID LAZARUS, Ph.D., Professor of Physics
 JAMES L. LEACH, M.S., Professor of Mechanical Engineering
 LUIS LEAL, Ph.D., Professor of Spanish
 ROBERT B. LEES, Ph.D., Professor of Linguistics and Head of the Department, and Research Professor of Communications
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 NELSON JORDAN LEONARD, Ph.D., D.Sc., Professor of Chemistry
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 NORMAN DION LEVINE, Ph.D., Professor of Veterinary Parasitology, of Veterinary Research, and of Zoology
 SOLOMON BERNARD LEVINE, Ph.D., Professor of Labor and Industrial Relations, and Professor in and Director of the Center for Asian Studies
 HARRY LEVY, Ph.D., Professor of Mathematics
 EDWARD GEORGE LEWIS, Ph.D., Professor of Political Science
 OSCAR LEWIS, Ph.D., Professor of Anthropology and in the Center for Advanced Study
 WALTER H. LEWIS, M.S., Professor of Architecture
 DAVID SAMUEL LIEBERMAN, Ph.D., Professor of Physical Metallurgy
 YUKWENG MICHAEL LIN, Ph.D., Professor of Aeronautical and Astronautical Engineering
 DRIVER BRADSHAW LINDSAY, M.S., Professor of Architecture
 ROBERT PAUL LINK, M.S., Professor of Architecture and Associate Dean of the College of Fine and Applied Arts
 ROGER PAUL LINK, D.V.M., Ph.D., Professor of Veterinary Physiology and Pharmacology and Head of the Department, and Professor of Veterinary Research
 MANSON BRUCE LINN, Ph.D., Professor of Plant Pathology
 DOROTHY LITHERLAND, Ph.D., C.P.A., Professor of Accountancy

JOSEPH AUGUST LITTERER, Ph.D., Professor of Business Administration
 YUEN TZE LO, Ph.D., Professor of Electrical Engineering
 CHARLES BURDICK LOOKER, JR., M.Arch., Professor of Architecture
 RALPH WILLIAM LORENZ, Ph.D., Professor of Forestry
 RICHARD VINCENT LOTT, Ph.D., Professor of Pomology in Horticulture
 JAMES EDGELEY LOVELL, Ph.D., Professor of Veterinary Biological Structure and Head of the Department
 GAZE ELMER LUKAS, M.S., J.D., C.P.A., Professor of Accountancy
 EDWIN DEVERE LUKE, M.S., Professor of Mechanical Engineering
 ERNEST MCINTOSH LYMAN, Ph.D., Professor of Physics and Research Professor in the Coordinated Science Laboratory
 JAMES HENRY GRAHAM LYNCH, A.M., Professor of Art
 JOHN FAIRBANKS LYNEN, Ph.D., Professor of English
 HOWARD STANLEY MACLAY, Ph.D., Research Associate Professor of Communications and Director of the Institute of Communications Research
 BRUCE HALE MAINOUS, Ph.D., Professor of French and Head of the Department
 HOWARD VINCENT MALMSTADT, Ph.D., Professor of Chemistry
 THEODORE MANOLAKES, Ed.D., Professor of Elementary Education and Chairman of the Department
 MANFORD EDWARD MANSFIELD, B.S., D.V.M., Professor of Veterinary Pathology and Hygiene and of Veterinary Research and Extension
 DILLON EDWARD MAPOTHER, D.Sc., Professor of Physics
 RUDOLPH A. MARCUS, Ph.D., Professor of Chemistry
 WILLIAM FREDERICK MARQUARDT, Ph.D., Professor of English Education in Secondary and Continuing Education
 RICHARD RILEY MARSH, Ph.D., Professor of Food Science and of Biology, and Director of University Honors Programs
 PRENTICE H. MARSHALL, J.D., Professor of Law
 JAMES CULLEN MARTIN, Ph.D., Professor of Chemistry
 ROSS J. MARTIN, M.S., Professor of Mechanical Engineering and Director of the Engineering Experiment Station
 DAVID ORMSBY MATTHEWS, Ed.D., Professor of Physical Education for Men and Director of the Division of Intramural Activities
 JOHN WILBUR MATTHEWS, Ph.D., Professor of Agricultural Engineering and of Vocational Agriculture
 ROBERT JOSEPH MAURER, Ph.D., Professor of Physics and Director of the Materials Research Laboratory
 ROBERT K. MAUTZ, C.P.A., Professor of Accountancy
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 ROBERT WALLACE MAYER, Ph.D., Professor of Finance
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 KING JAMES MCCRISTAL, Ed.D., Dean of the College of Physical Education and Professor of Physical Education for Men
 AUSTIN MCDOWELL, M.Mus., Professor of Music
 JOHN E. MCGILL, Ed.D., Professor of Elementary Education
 JOSEPH EDWARD MCGRATH, Ph.D., Professor of Psychology
 JOHN C. MCGREGOR, Ph.D., Professor of Anthropology
 CHARLES JOHN MCINTYRE, Ph.D., Professor of Educational Psychology and Director of the Office of Instructional Resources
 WILLIAM PAUL MCLURE, Ph.D., Professor of Educational Administration and Supervision and Director of the Bureau of Educational Research
 EMMETT B. MCNATT, Ph.D., Professor of Economics
 MILLARD SAYRE MCVAY, Ph.D., Professor of Electrical Engineering
 GEORGE CUNLIFFE MCVITTIE, Ph.D., Professor of Astronomy and Head of the Department
 ROBERT IRWIN MEHR, Ph.D., Professor of Finance
 SIGURD WALTER MELSTED, Ph.D., Professor of Soil Chemistry in Agronomy
 CLIFFORD WILLIAM MENDEL, Ph.D., Professor of Mathematics

- JOSHUA LEVERING MERRITT, JR., Ph.D., Professor of Civil Engineering
 LAWRENCE EUGENE METCALF, Ph.D., Professor of Secondary and Continuing Education
 MARVIN METZGER, Ph.D., Professor of Physical Metallurgy
 HENRY JARVIS MILES, Ph.D., Professor of Mathematics and Executive Secretary of the Department
 JOHN CLEM MILES, M.S., M.E., Professor of Mechanical Engineering
 GEORGE HUNTER MILEY II, Ph.D., Professor of Nuclear Engineering and of Electrical Engineering
 PERRY E. MILLER, Ed.D., Professor of Educational Administration and Supervision
 WENDELL EARL MILLER, M.S., Professor of Electrical Engineering and Associate Head of the Department
 STANTON MILLET, Ph.D., Dean of Students and Associate Professor of English
 BURTON ALVIERE MILLIGAN, Ph.D., Professor of English
 REID THOMPSON MILNER, Ph.D., Professor of Food Science and Head of the Department
 THEODORE MISCHEL, Ph.D., Visiting Professor of Philosophy
 JEAN MISRAHI, Ph.D., Visiting Professor of French
 SORAB PIROZSHAH MISTRY, Ph.D., Professor of Biochemistry in Animal Science
 PHILLIP M. MITCHELL, Ph.D., Professor of German
 ROBERT VICTOR MITCHELL, Ph.D., Professor of Marketing and Acting Director of Extension Division Programs
 RAJJESHWAR MITTRA, Ph.D., Professor of Electrical Engineering
 THERALD MOELLER, Ph.D., Professor of Chemistry
 PHILLIP MONYPENNY, Ph.D., Professor of Political Science and in the Institute for Government and Public Affairs
 STEVENSON MOORE III, Ph.D., Professor of Agricultural Entomology
 WALTER JAMES MOORE, Ph.D., Professor of Elementary Education
 MARCUS MORINIGO, Ph.D., Professor of Spanish and of Italian
 BRUCE ARCHER MORRISSETTE, Ph.D., Visiting Professor of French
 JO DEAN MORROW, Ph.D., Professor of Theoretical and Applied Mechanics
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 O. HOBART MOWRER, Ph.D., Research Professor of Psychology
 JAMES B. MOWRY, Ph.D., Professor of Horticulture
 CECIL A. MOYER, Ph.D., C.P.A., Professor of Accountancy
 HENRY LANCASTER MUELLER, Ph.D., Professor of Speech
 DAVID EUGENE MULLER, Ph.D., Professor of Mathematics
 WILLIAM HERMAN MUNSE, M.S., Professor of Civil Engineering
 MIDDRAG MUNTNYAN, A.B., Director of the University Press with rank of Associate Professor
 SABURO MUROGA, Ph.D., Professor of Electrical Engineering and of Computer Science
 RICHARD MURPHY, Ph.D., Professor of Speech
 WILLIAM DELMER MURPHY, M.P.A., Professor and Assistant Director of the Cooperative Extension Service in Agriculture and Home Economics
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 RALPH JOSEPH MUTTI, Ph.D., Professor of Agricultural Marketing in Agricultural Economics
 FRANCIS WELDON NACHTMANN, Ph.D., Professor of French and Executive Secretary of the Department
 ANDREW VLADIMIR NALBANDOV, Ph.D., Professor of Animal Physiology in Animal Science and of Physiology and Zoology
 DAVID L. NANNEY, Ph.D., Professor of Zoology
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 BRUNO NETTL, Ph.D., Professor of Music and of Anthropology
 T. ERNEST NEWLAND, Ph.D., Professor of Educational Psychology
 NATHAN MORTIMORE NEWMARK, Ph.D., D.Sc., Professor of Civil Engineering and Head of the Department
 J. ALDEN NICHOLS, Ph.D., Professor of History
 MARIE HOCHMUTH NICHOLS, Ph.D., Professor of Speech
 HORACE WAKEMAN NORTON, Ph.D., Professor of Statistical Design and Analysis in Animal Science
 ALEXANDER NOTARAS, Diploma D.P.L.G., Professor of Architecture
 CHARLES EDWARD NOWELL, Ph.D., Professor of History
 TIMOTHY JOSEPH NUGENT, Ph.D., Director of Division of Rehabilitation-Educational Services and Professor of Physical Education for Men

- ROBERT FORREST NYSTROM, Ph.D., Professor of Chemistry in the Radiocarbon Laboratory
- JEFFREY O'CONNELL, LL.B., Professor of Law
- RUSSELL T. ODELL, Ph.D., Professor of Pedology in Agronomy
- MERLE MARVEL OHLSEN, Ph.D., Professor of Educational Psychology
- LAWRENCE IVAN O'KELLY, Ph.D., Professor of Psychology
- KARL O'LESSKER, Ph.D., Visiting Professor of Political Science
- ELBERT EUGENE OLIVER, Ph.D., Acting University Dean of Admissions and Records and Director of Admissions and Records with rank of Professor
- REVILO PENDLETON OLIVER, Ph.D., Professor of the Classics
- ROY EDWIN OLSON, Ph.D., Professor of Civil Engineering
- ELWOOD F. OLVER, Ph.D., Assistant Dean of the College of Agriculture and Professor of Agricultural Engineering
- JOHN JOSEPH O'NEILL, Ph.D., Professor of Speech, Director of the Speech and Hearing Clinic, and Counselor in the Council on Teacher Education
- ROBERT WILLIAM ORAM, M.S., Associate Director of Public Service Departments in the Library and Professor of Library Administration
- Z. JOHN ORDAL, Ph.D., Professor of Food Microbiology in Food Science
- EMMETT EZEKIEL ORMISTON, Ph.D., Professor of Dairy Husbandry in Dairy Science
- ALLEN IVES ORMSBEE, Ph.D., Professor of Aeronautical and Astronautical Engineering
- HOWARD ASHLEY OSBORN, Ph.D., Professor of Mathematics
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- SHELDON JAY FLAGER, LL.M., Professor of Law
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- DWIGHT POWELL, Ph.D., Professor of Plant Pathology

- CLIFFORD LADD PROSSER, Ph.D., Professor of Physiology and of Zoology, and Head of the Department of Physiology and Biophysics
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- CHARLES WHITTED QUICK, LL.M., Professor of Law
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- PAUL CARMEN ROBERTS, B.S., LL.B., Professor of Business Law
- JAMES EVANS ROBERTSON, Ph.D., Professor of Electrical Engineering and in Computer Science
- JAMES MUELLER ROBERTSON, Ph.D., Professor of Theoretical and Applied Mechanics
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- DONALD PHILIP ROGERS, Ph.D., Professor of Botany and Curator in Mycological Collections
- ROBERT WENTWORTH ROGERS, Ph.D., Dean of the College of Liberal Arts and Sciences and Professor of English
- PAUL ROLLAND, M.Mus., Professor of Music
- WALTER DEANE ROSE, B.S., Professor of Petroleum Engineering (resigned February 29, 1968)
- SIDNEY ROSEN, Ph.D., Professor of Physical Science in the Division of General Studies and in Secondary and Continuing Education
- MELVIN ROTHBAUM, Ph.D., Professor of Labor and Industrial Relations
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 MORELL BELOTE RUSSELL, Ph.D., Professor of Soil Physics in Agronomy, Director of the Agricultural Experiment Station, and Associate Dean of the College of Agriculture
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- JAMES R. SQUIRE, Ph.D., Professor of English and Counselor in the Council on Teacher Education (resigned March 1, 1968)
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 MOYLE STRAYHORN WILLIAMS, Ph.D., Assistant Director of the Cooperative Extension
 Service with rank of Professor
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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

July 27, 1966



The July meeting of The Board of Trustees of the University of Illinois was held in the Chicago Circle Center, Chicago, Illinois, on Wednesday, July 27, 1966, beginning at 10:30 a.m.

President Howard W. Clement called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Theodore A. Jones, Mr. Ray Page, Mr. Harold Pogue, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor Otto Kerner and Mr. Timothy W. Swain were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Vice-President Norman A. Parker, Chicago Circle; Vice-President Joseph S. Begando, Medical Center; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. James J. Costello, Legal Counsel; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. Earl W. Porter, Assistant to the President and Associate Secretary to the Board; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on December 15, 1965, January 19 and February 16, 1966, press proof copies of which had previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 925 to 1070, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

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, as amended, 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>
WALTER EDWARD DIGGS	Ladue, Missouri	Missouri
JOHN FLINT KEYDEL	Ladue, Missouri	Michigan
WILLIAM CRANE MCINTOSH	Glenview, Illinois	Michigan
WILLIAM EDGERTEN PAULSEN	Davenport, Iowa	Iowa

I concur.

On motion of Mr. Jones, these certificates were awarded.

ADVISORY COMMITTEES FOR COLLEGE OF AGRICULTURE

(2) The Dean of the College of Agriculture recommends the following new appointments to advisory committees for the College of Agriculture and the Agricultural Experiment Station effective September 1, 1966, for three-year terms, unless otherwise specified:

Agricultural Economics

JOHN BUTTERFIELD, Pana

EMMETT G. FRUIN, Fruin Farm Management Service, Normal

(To succeed EDWIN R. LAMB and RICHARD L. MALONEY, whose terms have expired.)

Agricultural Engineering

JOSEPH H. HEIMANN, Clinton County Electric Cooperative, Inc., 475 North Main Street, Breese

DEAN L. SEARLS, Manager, Adams Electric Cooperative, Camp Point

(To succeed GEORGE W. ENDICOTT; MR. HEIMANN is a reappointment for one year.)

Agronomy

WARREN JONES, Ridgeway

TOM ROBERTS, JR., DeKalb Agricultural Association, DeKalb

(To succeed LOWELL TISON and PAUL MONTAVON.)

Animal Science

ERNEST E. BROWN, General Manager, Corn Belt Hatcheries of Illinois, Gibson City

(MR. BROWN is a reappointment.)

Dairy Science

NORMANN E. HENKE, R.F.D. 1, Staunton

HOMER KEARNAGHAN, Kraft Foods Company, Milledgeville
 CHARLES M. LAURY, Tall Timber Farm, R.F.D. 3, Danville
 KENT M. RYAN, General Sales Manager, Honeggers' and Company, Inc., Fairbury
 (To succeed JOHN C. ALISON, HAROLD E. HARTLEY, J. GEORGE SMITH, and
 FRANCIS D. HICKEY, deceased.)

Forestry

A. FLETCHER MARSH, Marsh and Turman Lumber Company, 332 South Michigan
 Avenue, Chicago
 (To succeed A. C. FOLEY.)

Horticulture (Food Crops)

CURT E. ECKERT, Eckert Orchards, Inc., R.F.D. 1, Belleville
 J. BON HARTLINE, Hartline's Holly Nursery, R.F.D. 1, Alma
 (To succeed MATHEW SCHWARTZ and JOHN D. SURGEON.)

Horticulture (Floriculture, Ornamentals)

ALFRED FIORE, Fiore Nurseries, Box 67, Prairie View
 JAMES MOORHEAD, Moorhead Nursery, R.F.D. 4, Box 4, Rockford
 ROBERT WILLIAMS, Bob O'Link Golf Club, 1120 Crofton Avenue, Highland Park
 (To succeed CHARLES J. TOSOVSKY, CARL KLEHM, and JAMES W. BRANDT.)

Cooperative Extension

(This Committee was first appointed in 1954 by the Dean and Director and replacements have been made when a member has served three years. It is desirable to have this Committee appointed by the Board of Trustees, along with other College of Agriculture advisory committees. The following nominations are for appointments beginning September 1, 1966.)

VIRGIL BREMER, Metropolis (two years)
 WAYNE BRUNS, R. R. 1, Winchester (three years)
 HUEL CROSS, Belle Rive (three years)
 MRS. JOHN ERICKSON, R. R. 4, Carbondale (one year)
 MRS. WILLIAM G. FOLMER, Forrest (two years)
 MRS. WILLIAM GROVER, Chana (two years)
 MRS. CARL GUEBERT, R. R. 2, Red Bud (two years)
 HAROLD JOHNSON, R. R. 1, Box 133, Decatur (one year)
 THOMAS B. KIRKPATRICK, Greene Farm Management Service, 934 North Orange,
 Peoria (two years)
 DONALD LAWFER, Kent (three years)
 HERMAN A. LINDHOLM, R. R. 1, Box 112, Naperville (one year)
 ELMER J. OLSON, R. R. 1, Hoopston (three years)
 ORISON R. SEIBERT, R. R. 1, Belleville (one year)
 ARNOLD TAFT, D.V.M., R. R. 2, Olney (three years)
 MRS. JUSTIN WAGY, Payson (one year)

The Dean of the College of Agriculture further recommends the following for a one-year term:

General Committee

(This Committee is composed of representatives from the departmental committees.)

HUGH MORRISON, Agronomy
 HARRY C. EATON, Animal Science
 AVERY A. VOSE, Dairy Science
 A. FLETCHER MARSH, Forestry
 WAYNE C. HANDWORK, Horticulture
 HERMAN A. LINDHOLM, Cooperative Extension
 JOSEPH ACKERMAN, Member at Large
 PAUL C. JOHNSON, Member at Large

(To succeed PAUL MONTAVON, ERNEST E. BROWN, HAROLD E. HARTLEY, A. C. FOLEY, CARL KLEHM. MR. LINDHOLM is a new appointee, and MR. ACKERMAN and MR. JOHNSON are reappointments.)

I concur.

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

**ADVISORY COMMITTEE FOR THE DIVISION
OF UNIVERSITY EXTENSION**

(3) The Dean of the Division of University Extension recommends the following appointments to the Division's advisory committee for two years beginning September 1, 1966:

University Representatives

Professor HARRY F. BREEN, Department of Art
Professor ROBERT E. CORLEY, Department of Sociology and Anthropology
Professor RAYMOND E. WILLIAMS, College of Education

(These appointees will replace Professors ERNEST W. ANDERSON, Cooperative Extension Service; HALBERT E. GULLEY, Division of General Studies; and CECIL A. MOYER, Department of Accountancy.)

(Other representatives of the University continuing on the Committee are Professors BJORNAR BERGETHON, School of Music, and C. DALE GREFFE, Mechanical and Industrial Engineering.)

Non-University Representatives

P. T. HEERWAGEN, Supervisor, Education and Training, Electro-Motive Division, General Motors Corporation, La Grange

GEORGE M. IRWIN, Chairman, Illinois Arts Council, 300 Maine Street, Quincy

(These appointees will replace Dr. MARK W. BILLS, Superintendent, Peoria Public Schools, 3202 North Wisconsin Avenue, Peoria, and CLIFTON E. BLANKENSHIP, Training and Safety Director, A. O. Smith Corporation, P.O. Box S, Granite City.)

(Other non-University representatives continuing on the Committee are HARRY A. GLYNN, President, Pap-R Products, Martinsville; DAVID S. RAYMOND, Manager of Personnel Development, National Distillers & Chemical Corporation, P.O. Box 479, Louisville, Kentucky; and VERNE A. NOTHDURFT, Manager-Training, LeTourneau-Westinghouse Company, Peoria.)

I concur.

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

HEADSHIP OF DEPARTMENT OF ENGLISH, URBANA

(4) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. A. Lynn Altenbernd, now Professor of English and Executive Secretary of the Department of English, as Head of the Department of English at Urbana, beginning September 1, 1966, at an annual salary of \$15,900, divided: \$13,900 as Professor of English on indefinite tenure, and \$2,000 as Head of the Department on an academic year service basis.

This appointment is to replace Professor Leonard F. Dean who has asked to be relieved of his administrative duties as Head of the Department at the end of the current academic year, 1965-66, and who will be leaving the University in February, 1967, to accept a position at New York University.

A formal search committee was not set up as the faculty of the Department preferred that the Head be selected by the Dean after due consultation with the members of the Department. This procedure was followed and Professor Altenbernd is the choice.

The appointment is supported by the Dean of the Graduate College and the Executive Vice-President and Provost.

I recommend approval.

On motion of Mrs. Watkins, this appointment was approved.

**HEADSHIP OF DEPARTMENT OF INDUSTRIAL
ADMINISTRATION, URBANA**

(5) The Dean of the College of Commerce and Business Administration recommends the appointment of Associate Professor Daniel M. Slate of the Department of Marketing, as Acting Head of the Department of Industrial Administration for one year from September 1, 1966, in addition to his assignment as Head of the Department of Marketing and his appointment as Associate Professor of Business Administration in the Graduate School of Business Administration.

Provision has already been made in the budget for 1966-67 for his salary in

the latter position, and there is no budgetary implication involved in the additional appointment. The appointment is on an academic year service basis.

This appointment will replace Professor Clive F. Dunham, who was appointed Acting Head of the Department in 1965, and who had agreed to serve for one year only. The appointment of Professor Slate was recommended by a special search committee¹ which has also been studying a possible merger of the Department of Industrial Administration with one or more other departments of the College, hence the proposal for an Acting Head. The Dean of the Graduate College and the Executive Vice-President and Provost support this appointment.

I recommend approval.

On motion of Mr. Johnston, this appointment was approved.

HEADSHIP OF DEPARTMENT OF ORAL ANATOMY IN THE COLLEGE OF DENTISTRY

(6) The Dean of the College of Dentistry and the Vice-President for the Medical Center recommend the appointment of Dr. E. Lloyd DuBrul, presently a member of the faculty, as Professor of Oral Anatomy on indefinite tenure and Head of the Department, in the College of Dentistry, beginning September 1, 1966, at an annual salary of \$18,000 on a twelve months' service basis.

Dr. DuBrul has been serving as Acting Head of the Department during the current academic year. He will continue to have the rank of Professor of Anatomy in the College of Medicine which he has had since 1959.

The Dean of the Graduate College and the Executive Vice-President and Provost concur in this recommendation.

I recommend approval.

On motion of Mrs. Watkins, this appointment was approved.

HEADSHIP OF DEPARTMENT OF OPERATIVE DENTISTRY

(7) The Dean of the College of Dentistry and the Vice-President for the Medical Center recommend the appointment of Dr. William F. Malone, presently Assistant Professor in the Department of Fixed Partial Prosthodontics, as Associate Professor of Operative Dentistry on indefinite tenure and Head of the Department, in the College of Dentistry, beginning September 1, 1966, at an annual salary of \$14,000 on a twelve months' service basis.

The Dean of the Graduate College and the Executive Vice-President and Provost concur in this recommendation.

I recommend approval.

On motion of Mr. Williamson, this appointment was approved.

APPOINTMENTS TO THE FACULTY

(8) 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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A — indefinite tenure; B — two year; D — one year; E — nine months from the beginning of the academic year; G — special tenure; Y — twelve months' service required instead of two semesters.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

1. ALEXANDER, HAROLD H., Associate Professor of Housing and Home Furnishings, in the Department of Home Economics (Urbana), beginning September 1, 1966, at an annual salary of \$12,000 (D).
2. ANDERSON, JOHN J. B., Assistant Professor of Veterinary Physiology and Pharmacology (Urbana), beginning June 16, 1966, at an annual salary of \$10,500 (BY).
3. BABAKHANIAN, ARARAT, Assistant Professor of Mathematics (Urbana), beginning September 1, 1966, at an annual salary of \$9,700 (B).

¹E. J. DeMaris, Professor of Accountancy, Head of the Department, and Acting Head of the Department of Business Education, Chairman of the Search Committee; Robert Ferber, Professor of Economics and of Marketing, Research Professor of Economics in the Bureau of Economic and Business Research, and Director of the Survey Research Laboratory; Joseph A. Litterer, Professor of Business Administration; Robert V. Mitchell, Professor of Marketing; Michael G. Sovereign, Assistant Professor of Industrial Administration.

4. BARGMANN, ROLF E., Visiting Research Professor of Psychology (Urbana), for one and one-half months from July 16, 1966, at a salary of \$3,000 (G).
5. CHOKSI, JAL R., Visiting Associate Professor of Mathematics (Urbana), for the academic year 1966-67, at a salary of \$10,500 (E).
6. CHUNG, PAUL M., Professor of Field Mechanics, in the Department of Energy Engineering (Chicago Circle), beginning September 1, 1966, at an annual salary of \$16,000 (A).
7. CLARK, GARY M., Assistant Professor of Special Education and in the Institute for Research on Exceptional Children (Urbana), beginning February 1, 1967, at an annual salary of \$9,000 (D).
8. CONNELL, WILLIAM F., Visiting Professor of Education, in the Department of History and Philosophy of Education, College of Education, and Associate Member, Center for Advanced Study, Graduate College (Urbana), for five months from September 1, 1966, at a salary of \$8,500 (G).
9. DAWSON, DONALD A., Visiting Assistant Professor of Mathematics (Urbana), for the academic year 1966-67, at a salary of \$9,500 (E).
10. DEBOOY, TOM, Visiting Associate Professor of Geology (Urbana), for the academic year 1966-67, at a salary of \$14,000 (E).
11. DIXON, PAUL E., Campus Architect in the Physical Plant Department (Urbana), beginning September 1, 1966, at an annual salary of \$18,000 (DY).
12. DOWSON, HENRY R., Visiting Assistant Professor of Mathematics (Urbana), for the academic year 1966-67, at a salary of \$8,400 (E).
13. ECHENIQUE-MANRIQUE, RAMON, Assistant Professor of Wood Technology and Utilization, in the Department of Forestry (Urbana), for the first semester of 1966-67, at a salary of \$4,750 (E).
14. FAGAN, BRIAN M., Visiting Associate Professor of Anthropology (Urbana), beginning September 1, 1966, at an annual salary of \$12,000 (D).
15. FEHR, FREDERICK S., Research Assistant Professor of Psychology and in the Children's Research Center, in the Department of Psychology and in the Graduate College (Urbana), beginning September 1, 1966, at an annual salary of \$11,000 (DY).
16. FORBES, WARREN C., JR., Assistant Professor of Geology (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,300 (D).
17. GANS, BENJAMIN, Assistant Professor of Oral and Maxillofacial Surgery, in the College of Dentistry, and Clinical Assistant Professor of Surgery, in the College of Medicine, on two-fifths time, for three months from June 1, 1966, at a salary of \$1,150 (DY40).
18. GIBFRIED, CAROLYN J., Assistant Professor of Physical Education for Women (Urbana), beginning September 1, 1966, at an annual salary of \$9,000 (B).
19. GOSSETT, THOMAS F., Visiting Professor of English (Urbana), for six months from September 1, 1966, at a salary of \$7,500 (D).
20. GOTTSCHALK, LOUIS, Visiting Professor of History (Chicago Circle), on three-fourths time, for eight months from September 1, 1966, at a salary of \$8,000 (G75).
21. GRAHAM, PHYLLIS, Assistant Professor of Mathematics, on two-thirds time, for the Summer Session of 1966, at a salary of \$1,245; Visiting Assistant Professor of Mathematics (Urbana), beginning September 1, 1966, at an annual salary of \$8,400 (D).
22. GRANAT, ENDRE G., Assistant Professor of Music (Urbana), beginning September 1, 1966, at an annual salary of \$10,000 (D).
23. GREEN, RICHARD H., Professor of English (Urbana), beginning August 1, 1966, at an annual salary of \$16,500 (A).
24. HEITER, ROBERT R., Professor of German (Chicago Circle), beginning September 1, 1966, at an annual salary of \$20,000 (A).
25. HESS, ROBERT L., Associate Professor of History (Chicago Circle), for two years from September 1, 1966, at an annual salary of \$11,000 (G).
26. HOULBERG, KLINDT B., Assistant Professor of Art (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,000 (B).
27. HURT, JAMES R., Assistant Professor of English (Urbana), beginning September 1, 1966, at an annual salary of \$9,200 (B).
28. JACKARD, JERALD W., Assistant Professor of Art (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,000 (B).
29. JACKSON, WILLIAM D., Professor of Electrical Engineering, in the Department

- of Energy Engineering (Chicago Circle), beginning September 1, 1966, at an annual salary of \$16,500 (A).
30. LÜESCHEN, GÜENTHER P. F., Visiting Associate Professor of Physical Education for Men and Visiting Lecturer in Sociology (Urbana), beginning September 1, 1966, at an annual salary of \$12,500 (D).
 31. MAGNER, GEORGE W., Associate Professor in the Jane Addams Graduate School of Social Work (Chicago Circle), beginning September 1, 1966, at an annual salary of \$15,000 (D).
 32. MERTES, JOHN E., Visiting Professor of Management and Marketing (Chicago Circle), beginning September 1, 1966, at an annual salary of \$15,000 (D).
 33. MORRIS, VAN CLEVE, Professor of Education (Chicago Circle), beginning September 1, 1966, at an annual salary of \$15,500 (A).
 34. MUELLER, JANEL M., Assistant Professor of English (Urbana), on two-thirds time, beginning September 1, 1966, at an annual salary of \$5,600 (B67).
 35. O'HALLORAN, THOMAS A., Assistant Professor of Physics (Urbana), beginning September 1, 1966, at an annual salary of \$11,000 (D).
 36. OHTSUKA, MAKOTO, George A. Miller Visiting Professor of Mathematics (Urbana), for the academic year 1966-67, at a salary of \$20,000 (E).
 37. OSCHWALD, WILLIAM R., Associate Professor of Agronomy (Urbana), beginning July 1, 1966, at an annual salary of \$13,500 (DY).
 38. PATHAK, PRAMOD K., Visiting Assistant Professor of Mathematics (Urbana), for the academic year 1966-67, at a salary of \$9,500 (E).
 39. PETERSON, ROBERT F., Research Assistant Professor of Psychology (Urbana), beginning September 1, 1966, at an annual salary of \$11,500 (DY).
 40. PIERSON, EDWARD S., Assistant Professor of Electrical Engineering, in the Department of Energy Engineering (Chicago Circle), beginning September 1, 1966, at an annual salary of \$10,000 (B).
 41. REID, SAMUEL R., Associate Professor of Finance (Chicago Circle), beginning September 1, 1966, at an annual salary of \$14,000 (D).
 42. ROSENGREN, THOMAS J., Assistant Professor of Architecture (Urbana), beginning September 1, 1966, at an annual salary of \$9,500 (D).
 43. ROWE, HAROLD G., JR., Assistant Professor of Educational Administration and Supervision (Urbana), beginning September 1, 1966, at an annual salary of \$9,300 (D).
 44. SAMUELS, H. S., Assistant Professor of Health Science and Staff Physician, Health Service (Urbana), beginning September 1, 1966, at an annual salary of \$18,000 (DY).
 45. SCHAR, STUART, Assistant Professor of Art (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,000 (D).
 46. SCHOFIELD, GRAEME C., Visiting Professor of Anatomy, College of Medicine, for nine months from September 1, 1966, at a salary of \$15,500 (G).
 47. SCHROEDER, WILLIAM F., Assistant Professor of Veterinary Pathology and Hygiene (Urbana), beginning June 1, 1966, without salary (BY).
 48. SEXAUER, NORMAN E., Visiting Associate Professor of Mathematics (Urbana), for the academic year 1966-67, at a salary of \$11,500 (E).
 49. SICHA, JEFFREY, Assistant Professor of Philosophy (Chicago Circle), beginning September 1, 1966, at an annual salary of \$8,800 (D).
 50. THOMPSON, RALPH B., Visiting Professor of Marketing and Management (Chicago Circle), beginning September 1, 1966, at an annual salary of \$16,000 (D).
 51. VAN TASSEL, ALFRED J., Research Associate Professor in the Bureau of Economic and Business Research (Urbana), beginning September 1, 1966, at an annual salary of \$14,900 (DY).
 52. VARGAS, LUIS F., Visiting Professor of Anatomy, College of Medicine, for nine months from September 1, 1966, at a salary of \$16,500 (G).
 53. WATTENBERG, SHIRLEY H., Assistant Professor in the Jane Addams Graduate School of Social Work (Urbana), beginning September 1, 1966, at an annual salary of \$8,250 (D).
 54. WICKLUND, ROMAYNE C., Staff Associate in the Board of Trustees Office, and Assistant Secretary of the University, beginning September 1, 1966, at an annual salary of \$11,250 (DY).
 55. WOHLFORT, FRANK J., Assistant Professor in the Curriculum Laboratory Mathematics Project, College of Education (Urbana), for the period from July 25, 1966, through September 2, 1966, at a salary of \$2,420 (G).

56. WRIGHT, ROBERT L., Assistant Professor of Architecture (Urbana), beginning September 1, 1966, at an annual salary of \$9,500 (D).
57. YAU, WU, Research Assistant Professor in the Coordinated Science Laboratory (Urbana), for one year from July 1, 1966, at a salary of \$10,000 (FY).
58. YOUNGBERG, RICHARD S., Assistant Professor of Physical Education for Men (Urbana), beginning September 1, 1966, at an annual salary of \$8,000 (D).
59. ZELENIK, JOHN S., Professor of Obstetrics and Gynecology, assigned to the Faculty of Medicine, Chiangmai Hospital, Chiangmai, Thailand, Agency for International Development, from June 13 through June 17, 1966, and from August 29, 1966, through August 28, 1968, at an annual salary of \$24,750 (FY).
60. ZIMMERLI, ELIZABETH K., Visiting Professor of Physical Education for Women (Urbana), for one year from September 1, 1966, at a salary of \$11,200 (D).

On motion of Mr. Johnston, these appointments were confirmed.

DEPARTMENT OF METEOROLOGY

(9) The Urbana-Champaign Senate has approved, for transmission to the Board of Trustees, a recommendation from the College of Liberal Arts and Sciences for the establishment of a Department of Meteorology, a proposal which has been under consideration by a faculty committee for some time.

The functions of the Department will be to initiate a graduate degree program in meteorology and a graduate research program oriented toward a basic understanding of Physical processes taking place in the earth's atmosphere, including perturbations introduced by man. It would focus its attention particularly on problems existing below the ionosphere. An advanced undergraduate program would be introduced as soon as feasible, consistent with the primary objectives in graduate education.

It is anticipated that the curriculum will include work in physical meteorology, dynamic meteorology, micrometeorology, synoptic meteorology, and general meteorology, in addition to selected programs depending on the special interests of the future staff. The emphasis would take into account the areas of research specialization of members of the staff. The instructional program will be largely oriented toward graduate study but advanced undergraduate courses in meteorology would also be offered.

Provision for the Department's needs during its initial stage was included in the biennial budget for 1965-67 as approved by the Board of Trustees and recommended to the General Assembly by the Board of Higher Education. Hence, no further action by that Board is necessary at this time. As the curriculum is developed and degree programs are established they will be brought to the Board of Trustees and, where indicated, to the Board of Higher Education, for approval.

A supporting statement is submitted herewith and a copy is filed with the Secretary of the Board for record.

I concur in this recommendation.

On motion of Mr. Dilliard, this recommendation was approved.

COMPUTER-BASED EDUCATION RESEARCH LABORATORY

(10) The Dean of the Graduate College recommends that the Board of Trustees authorize the establishment of a Computer-Based Education Research Laboratory as a unit of the Graduate College for the purpose of carrying on research and development in a special field which can not be encompassed within the area of responsibility of any one department of the University. The Executive Vice-President and Provost concurs.

Following is a summary of the proposal, as developed by the Graduate College. A more extended discussion of the significance of the program, the University's special responsibility or roll in this field, and the plan of organization and administration of this new unit of the Graduate College is filed with the Secretary of the Board for record.

It is proposed that a laboratory be established in the Graduate College to engage in development and research in the area of computer-based education. The University has the experience in this and related academic areas necessary to make important contributions in the use of man-station-computer systems as an educational medium. The purpose of the Laboratory would be to bring together in a coordinated effort the expertise of the several disciplines necessary for major work in this promising field. The major efforts would be pointed toward gaining the experience needed to make sound decisions about the role of computer-based educa-

tion within the University of Illinois and to contribute information needed by other institutions at all educational levels — institutions facing similar problems.

The Laboratory would be organized with a Policy Committee appointed by the Dean of the Graduate College and with the Director of the Laboratory reporting to the Dean. The basic organization of the Laboratory would include three groups: a Technical Systems Development Group, with close cooperation with the PLATO Group of the Coordinated Science Laboratory; an Operating Group; an Educational Development Group, with close cooperation with the Curriculum Laboratory and various departments of the University. The efforts in the Laboratory during the beginning years would be devoted to research, development, and evaluation. Later, if feasible, the Laboratory would service the various academic units desiring to use the system as a means of teaching a portion of their program.

Initially, the Laboratory would be funded with support for only a portion of the staff from state funds, and with major support from outside sources.

I recommend approval, subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Johnston, this recommendation was approved.

REVISIONS IN REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

(11) The Graduate College has recommended three changes in general requirements for the Doctor of Philosophy degree. These revisions deal with: language requirements, minor subject requirements, and the preliminary examination.

The Urbana-Champaign Senate has approved the proposed revisions, after clarifying amendments were made in the proposal concerning language requirements, and the Medical Center Senate has approved the revisions as thus amended. The Chicago Circle Senate approved the revisions in minor requirements and preliminary examination but proposed further changes in the revision of language requirements.

The Senate Coordinating Council has transmitted to the President the proposed revisions as approved by the Urbana-Champaign and Medical Center Senates, with the recommendation that they be submitted to the Board of Trustees for approval and with the understanding "that the additional changes in Ph.D. language requirements proposed by the Chicago Circle Senate should be sent to the Dean of the Graduate College with the recommendation that they be considered by the appropriate committees, and brought forward for action at a later date if agreement on them can be reached."

In making its recommendation, the Coordinating Council noted that "there is time to reconsider the language requirements before there are an appreciable number of Ph.D. candidates at Chicago Circle. It is recommended that in the meantime the Graduate College be permitted to try the revision in language requirements as approved by the Urbana-Champaign and Medical Center Senates."

The Coordinating Council also recommends an editorial change: that in the statement of language requirements, the words "semester (or summer session)" be replaced by "term" because of differences in academic calendar among the three campuses. This change was also proposed by the Chicago Circle Senate.

The complete text of proposed revisions as approved by the Urbana-Champaign and Medical Center Senates, and the recommendations of the Senate Coordinating Council, containing the amendments suggested by the Chicago Circle Senate, are submitted herewith, and a copy is filed with the Secretary of the Board for record.

I recommend approval of the recommendations of the Senate Coordinating Council.

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

MASTER OF ARTS IN THE TEACHING OF ENGLISH AS A SECOND LANGUAGE, URBANA

(12) The Graduate College has recommended the establishment of a new degree, Master of Arts in the Teaching of English as a Second Language, designed to prepare teachers who are native speakers of English as well as those from other countries for whom English is a second language.

The need for teachers of English as a second language has increased rapidly, both in the United States and in other countries. English has become the most realistic approximation to a universal language for the international exchange of culture and ideas and, as a result, there is a marked increase in the demand for

training of foreign nationals as well as Americans to teach English abroad. Inside the borders of the United States, the need is acute from the Southwest, where there are numerous Mexican and Indians, to the Northern metropolitan communities with immigrants of various foreign language and cultural backgrounds. One of the problems of the groups often described as "disadvantaged" is that they do not speak standard English. The national programs for the improvement of conditions for disadvantaged groups are placing additional emphasis upon the need for teachers of English as a second language.

The new degree is an interdisciplinary one, to be granted through the Department of English at Urbana. The core areas for the degree are English and linguistics, including cross-listings with anthropology and psychology. Two units of education are required. The admissions and degree requirements are detailed in the supporting documents submitted herewith, and a copy is filed with the Secretary of the Board for record.

The degree program also has been approved by the Urbana-Champaign Committee on the Preparation of Teachers of English, Department of English, Department of Linguistics, College of Education, Urbana-Champaign Council on Teacher Education, University Council on Teacher Education, and the Urbana-Champaign Senate.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I recommend approval, subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Williamson, this recommendation was approved.

MASTER OF SCIENCE AND BACHELOR OF SCIENCE IN THE TEACHING OF EARTH SCIENCE, URBANA

(13) The Graduate College and the College of Liberal Arts and Sciences (Urbana) recommend the establishment of curricula leading to the degrees of Master of Science and Bachelor of Science in the Teaching of Earth Science.

The curricula are designed to prepare teachers of earth science at the secondary school level and are proposed to help meet the increasing demand for such teachers in Illinois and throughout the United States. It is expected that this demand will grow as earth science continues to replace general science or is added to the science offerings of high schools. Through the Earth Science Curriculum Project, an interdisciplinary science program for secondary schools which is being conducted by the National Science Foundation and the American Geological Institute, earth science course materials are being prepared for use in the secondary schools. The need for qualified persons to teach these courses will increase from a present demand of 5,000 to more than 15,000 by 1970.

The details of the proposed curricula are supplied in the supporting documents submitted herewith, and a copy is filed with the Secretary of the Board for record.

The curricula also have been approved by the Urbana-Champaign Committee on the Preparation of Secondary School Teachers of Science, the Department of Geology, Urbana-Champaign Council on Teacher Education, University Council on Teacher Education, and the Urbana-Champaign Senate.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I recommend approval, subject to further action by the Illinois Board of Higher Education.

On motion of Mrs. Watkins, this recommendation was approved.

REVISIONS IN THE CURRICULA PREPARATORY TO THE TEACHING OF PHYSICS AND PREPARATORY TO ELEMENTARY SCHOOL TEACHING, URBANA

(14) The following curricular revisions have been approved by the Urbana-Champaign Senate and have been cleared with all appropriate committees and officers and are reported to the Trustees as a matter of record.

Curriculum Preparatory to the Teaching of Physics

The curriculum has been upgraded and updated by adding advanced courses in physics and astronomy (eight hours), mathematics (six hours), and humanities (six hours minimum). Mathematics 112, College Algebra (three hours), and Mathemat-

ics 114. Trigonometry (two hours), have been deleted; they may no longer be counted toward the degree requirement. Chemistry 122, Elementary Quantitative Analysis (five hours), and Chemistry 132, Elementary Organic (three hours), are dropped as required courses. The total required hours are reduced from 129 to 126, plus required physical education. The proposed curriculum meets the certificate requirements for physics as a single teaching field. Hours of unspecified electives are sufficient to complete the requirements for a teacher education minor in chemistry or in mathematics, if the student chooses to do so.

Curriculum Preparatory to Elementary School Teaching
(Professional Education Sequence)

1. Elimination of Elementary Education 101, Nature of the Teaching Profession (two semester hours).
2. Replacement of Elementary Education 233, Classroom Programs in Childhood Education (two semester hours), and Elementary Education 237, Child Development for Elementary Teachers (three semester hours), by Elementary Education 237, Theory and Process in Elementary School Teaching (five semester hours). Elementary Education 233, Classroom Programs in Childhood Education, will be retained as a separate two-semester hour course and will be offered to satisfy requirements of other Council curricula and to meet certification needs of irregular, transfer, and summer session students.
3. Elementary Education 231, Technic of Teaching in the Elementary School (three semester hours), will be replaced by Elementary Education 333, The Teaching of Language Arts in the Elementary School (three semester hours; $\frac{1}{2}$ to 1 unit).
4. Elementary Education 230, Principles of Elementary Education (two semester hours), will be revised and increased to three semester hours. The revised version will be: Elementary Education 230, Principles, Problems, and Issues in Elementary Education (three semester hours).
5. One semester hour of credit resulting from the elimination of Elementary Education 101, Nature of the Teaching Profession, will be assigned to cover the increase of one semester hour in History and Philosophy of Education 201, Foundations of American Education. The Department of History and Philosophy of Education will propose to offer special sections of History and Philosophy of Education 201, revised, for elementary education majors.

On motion of Mr. Johnston, this report was received for record.

**TRANSFER OF BACHELOR OF SCIENCE IN MEDICAL ART
TO SCHOOL OF ASSOCIATED MEDICAL SCIENCES**

(15) The Urbana-Champaign and Medical Center Senates have recommended that the administration of the degree of Bachelor of Science in Medical Art be transferred from the College of Fine and Applied Arts to the School of Associated Medical Sciences at the Medical Center Campus, effective September 1, 1967. The recommendation has the approval of the administrative officers concerned on both campuses.

The program has been in existence for the past three years. The change is recommended in light of this experience and in view of the fact that the final two years of the program are directly under the jurisdiction of the Department of Medical Art, School of Associated Medical Sciences. In addition, students in the program are now required to meet residence requirements on the Urbana-Champaign campus since the degree is awarded on that campus. If the recommended change is made, students can enter the final two years of the program directly from either Urbana or Chicago Circle.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

**CURRICULA AND DEGREE REQUIREMENTS FOR BACHELOR OF
SCIENCE DEGREES IN ENGINEERING AND IN PHYSICAL
EDUCATION, CHICAGO CIRCLE**

(16) On April 20, 1966, the Board of Trustees received a report of the implementation of the basic educational program for the Chicago Circle Campus and ap-

proved curricula and degree requirements for the major portion of that program.¹

At that time, the curricula leading to bachelor's degrees in engineering and in physical education were still subject to Senate and administrative review which has now been completed and the two curricula and degree requirements are presented to the Trustees for approval.

(With the implementation of these programs, the basic educational program for Chicago Circle, as approved by the Board of Trustees on February 15, 1961, has been established and implemented.)²

The curricula and degree requirements leading to bachelor's degrees in engineering and physical education are presented in the supporting documents submitted herewith and filed with the Secretary of the Board for record. Each has been approved by the Chicago Circle Senate and the Senate Coordinating Council has indicated that no other Senate jurisdiction is involved. The programs are recommended for approval by the Executive Vice-President and Provost.

I concur.

On motion of Mr. Hughes, this report was received for record.

BUILDING PROGRAM AND CAPITAL FUNDS FOR 1967-69

(17) In approving the building program and request for capital funds for 1967-69, the Board of Trustees authorized revisions of the figures in the schedules of capital requests, following further study of the estimates of costs of buildings and other permanent improvements. It seemed likely that the estimates for certain projects might be changed in the light of the most recent experience with bids on construction work, and this possibility had been discussed with the Committee on Buildings and Grounds which recommended such authorization.

I submit for confirmation and for the record the capital budget request as presented to the Illinois Board of Higher Education on July 15, 1966, and ask that this document be accepted in replacement of the text and schedules in the report presented to the Board of Trustees on June 15, 1966.

The total of capital funds requested for 1967-69 is higher by \$1,387,000 in the revised schedules of capital projects than the total approved by the Board on June 15, 1966. This increase is due to revisions in the estimates of costs for several building projects and to a small increase in one item for movable equipment. These changes have resulted in a total of \$96,052,000 for the Chicago Circle Campus, a *net* decrease of \$269,000 from the \$96,321,000 in the previous budget; \$38,876,000 for the Medical Center Campus, an increase of \$876,000 (all of which is in the item to cover deficiencies in the 1965-67 capital budget); and \$62,819,000 for the Urbana-Champaign Campus, an increase of \$780,000 in the items for the Women's Gymnasium Addition (\$380,000) and for movable equipment (\$400,000). The total of the revised capital requests is \$197,747,000, as compared with \$196,360,000.

On motion of Mr. Johnston, this revision, and the request for capital funds for 1967-69, was accepted and confirmed by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

The full text of the document presenting the request for capital funds, as approved by the Board, follows.

I. Introduction

The capital plans of the University of Illinois for the biennium 1967-69 are based on several general assumptions which are believed to reflect fundamental educational needs of the state and sound policies designed to lead to satisfaction of those needs.

1. One of the basic assumptions is that the entire range of higher-education needs of the state should be met as fully as possible. This means that all levels of higher education — freshman-sophomore, junior-senior, graduate and professional — should be supported in approximate proportion to their respective relationships

¹ Curricula and degree programs approved were those leading to the bachelor's degrees in Architecture and Art, Business Administration, Elementary Education, the Teaching of Physics in Secondary Schools (College of Engineering), Liberal Arts and Sciences (in eighteen major fields), and secondary school teaching in twelve disciplines (administered through the College of Liberal Arts and Sciences).

² The curriculum in elementary education leading to the degree of Bachelor of Arts is pending, subject to approval by the Illinois Board of Higher Education.

to the major requirements of our increasingly complex society. Hence, the highly important task of expanding the junior college system of Illinois should be pursued in conjunction with expanding opportunity for the increasing proportion of college-age youth who seek baccalaureate and advanced degrees. All parts of the system must be taken into account in the measure of what must be provided for the biennium 1967-69.

2. A second assumption, related to the point just made, is that the University of Illinois, as the comprehensive state university serving Illinois as a whole in a broad range of academic programs and services, should make every reasonable effort to meet its share of the growing educational demand of the state—with special emphasis upon advanced study in the fundamental branches of learning, the specialized fields of applied science and technology, and the major fields of professional practice. In the present capital program, therefore, the University proposes to strengthen its advanced work at the Urbana-Champaign and Medical Center campuses, and also to add facilities for graduate work in most of the fields of study now offered at the Chicago Circle Campus. The Chicago area, with its growing population and the increasingly complex problems of the second-largest metropolitan center in the country, badly needs the comprehensive educational services—undergraduate, professional, and graduate—that the University plans to provide at Chicago Circle.

3. A third assumption is that the state can not afford to delay the expansion of its universities, since to do so would be costly both in terms of undeveloped human resources and in terms of higher construction costs at a later period. Most of the buildings sought in this request could not be completed before 1970, and not until some time later (one to three years) could all of the new space be fully utilized. The reason for the delay in reaching full utilization is that when a given program is expanded by increasing the enrollment of its beginning class, room must be left for the class and its successors to advance toward degrees. (This is particularly true in the case of professional programs such as dentistry and law.)

It is our belief that even if all of these projects were to be completed on schedule, the increase in enrollment capacity would be insufficient to meet the demand of well-qualified students for admission to the University in 1970-71 and in the years immediately afterwards. In the light of experience, there is little doubt that to delay these capital improvements would mean very substantial increases in construction costs. Certain of the facilities included in the present program, for example, were requested originally several years ago. If they had been built then, several million dollars would have been saved.

4. A fourth assumption, and a highly important one, is that attention must be given to strengthening existing programs as well as to expansion. Quality is of major concern, as well as quantity. Even well-established programs require new equipment and new space for quality performance. Distinction and excellence are elusive and can quickly be lost through failure to keep pace with current advances and their requirements. This point is particularly pertinent to the evaluation of the University's requests for additional support for its Medical Center and Urbana-Champaign campuses, where obsolete and overcrowded facilities have long plagued the majority of its programs.

II. Summary of 1967-69 Capital Budget Request

The capital funds requested for 1967-69 would serve four main purposes: (a) provide supplemental funds needed to complete seven buildings approved by the General Assembly for construction during 1965-67, but which have been delayed because the bids received have exceeded the funding level authorized; (b) provide facilities to support enrollment increases totaling approximately 9,900 students at the University's three campuses; (c) bring relief to certain departments whose existing space is seriously deficient both in quantity and in quality; (d) provide additional land for future use at the Chicago Circle and Urbana-Champaign campuses (thus forestalling prospective improvements and otherwise avoiding inflation in land values).

Schedules of Projects and Cost Estimates

The capital programs required to meet the diverse educational needs of the University's three campuses are shown in separate schedules on the following pages: Schedule A, Chicago Circle (page 14); Schedule B, Medical Center (page 14); Schedule C, Urbana-Champaign (page 15). Schedule D (page 15) summarizes the totals requested for all three campuses.

In the upper part of Schedules A, B, and C, estimates are shown for (a) total

project cost (excluding movable equipment), (b) non-state funds likely to be available, (c) state funds needed. The lower part of each schedule presents estimates of funds needed for other capital improvements during 1967-69, together with planning funds for buildings to be constructed during 1969-71.

Schedule A. Chicago Circle Campus — 1967-69 Capital Projects

<i>Project</i>	<i>Total Cost</i>	<i>Non-State Funds</i>	<i>State Appropriation</i>
1. Buildings (Phase III) ¹			
Art and Architecture Addition.....	\$ 5 866 000		\$ 5 866 000
Behavioral Science Center.....	10 714 000	\$3 060 000 ²	7 654 000
Education Center.....	6 957 000		6 957 000
Greenhouse Addition.....	252 000		252 000
Library Addition.....	6 841 000		6 841 000
Physical Education Building.....	7 095 000	3 500 000 ³	3 595 000
Science-Engineering Center.....	32 776 000	2 120 000 ²	30 656 000
Student Services Administration Building.....	3 533 000		3 533 000
<i>Subtotal, Buildings.....</i>	<i>(74 034 000)</i>	<i>(8 680 000)</i>	<i>(65 354 000)</i>
2. Heating Plant Addition.....	2 846 000		2 846 000
3. Land Acquisition.....	3 169 000		3 169 000
4. Movable Equipment (including 1965-67 deficiency).....	8 748 000 ⁴		8 748 000 ⁴
5. Remodeling.....	1 273 000		1 273 000
6. Planning for 1969-71.....	1 500 000		1 500 000
7. Site Development, including Extension of Utilities Distribution System	4 482 000		4 482 000
<i>Total.....</i>	<i>\$96 052 000</i>	<i>\$8 680 000</i>	<i>\$87 372 000</i>

¹ In alphabetical order, not in order of priority.

² Assumes \$1,000,000 from federal matching funds and the balance to be financed from income.

³ Assumes \$1,000,000 from federal matching funds and the balance to be financed from student fees.

⁴ Includes funds for movable equipment for buildings to be occupied in 1969, and to offset deficiency in 1965-67 appropriation.

Schedule B. Medical Center Campus — 1967-69 Capital Projects

<i>Project</i>	<i>Total Cost</i>	<i>Federal Funds</i>	<i>State Appropriation</i>
1. Deficiency in 1965-67 Capital Budget.....	\$ 3 492 000		\$ 3 492 000
2. Buildings ¹			
College of Dentistry Building.....	19 000 000	\$ 7 800 000	11 200 000
Library.....	7 579 000	1 450 000	6 129 000
Medical Research Laboratory.....	3 517 000	1 460 000	2 057 000
Office Building.....	3 666 000		3 666 000
<i>Subtotal, Buildings.....</i>	<i>(33 762 000)</i>	<i>(10 710 000)</i>	<i>(23 052 000)</i>
3. Heating plant addition ²			
4. Land Acquisition ³			
5. Movable Equipment.....	580 000 ⁴	290 000 ⁴	290 000 ⁴
6. Planning for 1969-71.....	220 000		220 000
7. Remodeling, Alterations, Rehabilitation, Minor Additions, and Protection of Life and Property.....	762 000		762 000
8. Site Development, including Extension of Utilities and Public and Street Improvements.....	60 000		60 000
<i>Total.....</i>	<i>\$38 876 000</i>	<i>\$11 000 000</i>	<i>\$27 876 000</i>

¹ In alphabetical order, not in order of priority.

² Expansion of boiler capacity and steam distribution systems required for new construction will be financed through the Medical Center Steam Company.

³ Land will be obtained through the Medical Center Commission at a nominal cost, and the buildings on this land will be demolished by the Medical Center Commission.

⁴ Since these buildings would not be completed until 1970, funds for movable equipment would be requested for the biennium 1969-71 — except to the extent necessary to match federal funds for that purpose.

Schedule C. Urbana-Champaign Campus — 1967-69 Capital Projects

<i>Project</i>	<i>Total Cost</i>	<i>Non-State Funds</i>	<i>State Appropriation</i>
1. Deficiency in 1965-67 Capital Budget.....	\$ 3 117 000	.....	\$ 3 117 000
2. Buildings ¹			
East Chemistry Building Second Addition.....	9 063 000	\$ 2 600 000 ²	6 463 000
Engineering Library.....	4 780 000	1 000 000 ³	3 780 000
Foreign Languages Building.....	7 241 000 ²	1 000 000 ³	6 241 000
Intramural-Physical Education Building.....	9 301 000	7 639 000 ⁵	1 662 000
Law Building Addition.....	4 585 000	1 200 000 ³	3 385 000
Library Fifth Stack Addition.....	1 920 000	.....	1 920 000
Music Building.....	4 890 000	.....	4 890 000
Nuclear Reactor Addition.....	1 311 000 ⁴	600 000 ²	711 000
Small Animal Clinic Phase I Completion.....	2 147 000	.....	2 147 000
Turner Hall Headhouse and Greenhouses.....	932 000	.....	932 000
Women's Gymnasium Addition.....	1 362 000	582 000 ⁵	780 000
<i>Subtotal, Buildings</i>	(47 532 000)	(14 621 000)	(32 911 000)
3. Campus Improvements.....	376 000	.....	376 000
4. Land Acquisition.....	4 450 000	.....	4 450 000
5. Movable Equipment.....	800 000 ⁶	200 000 ⁶	600 000 ⁶
6. Planning Funds.....	608 000	.....	608 000
7. Protection of Life and Property.....	335 000	.....	335 000
8. Public Improvements.....	420 000	.....	420 000
9. Remodeling and Modernization.....	2 000 000	.....	2 000 000
10. Street and Street Lighting Improvements.....	808 000	.....	808 000
11. Utilities Distribution System.....	2 373 000	.....	2 373 000
<i>Total</i>	\$62 819 000	\$14 821 000	\$47 998 000

¹ In alphabetical order, not in order of priority.

² Includes cost of relocating small structures on the site (\$831,000).

³ To be financed from federal funds.

⁴ Including cost of relocating Chemistry Warehouse (\$45,000).

⁵ To be financed from student fees.

⁶ Includes funds for movable equipment only for buildings to be occupied in 1969 and for matching federal grants for that purpose.

Schedule D. Summary of 1967-69 Capital Request

<i>Campus</i>	<i>Total Cost</i>	<i>Federal Grants</i>	<i>Financed from Fees</i>	<i>Financed from Income</i>	<i>State Appropriation</i>
Chicago					
Circle.....	\$ 96 052 000	\$ 3 000 000	\$ 2 500 000	\$ 3 180 000	\$ 87 372 000
Medical Center.....	38 876 000	11 000 000	.....	.....	27 876 000
Urbana-Champaign					
.....	62 819 000	6 600 000	8 221 000	.....	47 998 000
<i>Total</i>	\$197 747 000	\$20 600 000	\$10 721 000	\$3 180 000	\$163 246 000

Cost Escalation and Estimates of Building Funds Required

The estimates of cost shown for the buildings listed in Schedules A, B, and C reflect the effects of the marked escalation in construction costs just mentioned. These figures have been arrived at through a procedure recently developed in discussions between representatives of the several state-supported universities and the Illinois Building Authority. It will be outlined here by way of recording the basis on which the present estimates were derived, but subsequent experience and discussions might lead to changes in the specific percentages used to estimate construction costs during the period 1968-70.

1. A base is established for each project in terms of 1965-66 costs as determined by comparison with bids received on the most recent project or similar type. The median of the bids received on such project or projects is selected as a base.

2. The gross cost per square foot, determined in accordance with the procedure in (1), is updated in accordance with the index developed by a cost consultant in the light of the date selected for the receipt of bids. This index recognizes an increase of about 5 per cent per year since 1960, except for the period June, 1965, to June, 1966, when an increase of approximately 15 per cent is assumed.

3. If it appears that there was adequate competition in the bidding received for the "base" project(s) used in (1) above, 10 to 15 per cent is added to the cost calculated in (2) to allow for lack of competitive bidding anticipated during the next three years. This increment is not added if it appears that the base chosen reflected a noncompetitive bidding situation.

4. A further increment of 3 to 5 per cent is added to all estimated costs, including construction costs, to allow for contingencies normally arising in large-scale projects.

Following this procedure would result in increasing a construction contract costing \$2,000,000 in 1963 (under reasonably competitive conditions) to a total of \$3,342,000 — for bids to be accepted in the summer of 1968 on a project to be completed in 1970. The increase in cost would thus be about 67 per cent over the seven-year period.

Deficiencies in 1965-67 Building Budgets

The sharp escalation in construction costs during the past year has made it necessary to delay the beginning of construction of a total of eight buildings approved by the General Assembly for funding by the Illinois Building Authority during the present biennium (1965-67). At the Chicago Circle Campus, the Physical Education Building had to be dropped entirely, in order that its funds might be allocated to the remaining projects in Phase II and thus permit construction of the latter to proceed. (The original budget figure for this building was \$4,735,000, whereas the revised estimate of cost shown in Schedule A is \$7,095,000.)

At the other two campuses, insufficient funds are available to meet the construction costs of seven projects — three at the Medical Center Campus with a total deficiency of \$3,492,000, and four at the Urbana-Champaign Campus with a shortage totaling \$3,117,000.

It is planned to request emergency legislative action to meet these deficiencies early in the next session of the General Assembly, so that construction on these seven projects might proceed without additional delay and consequent cost escalation. The funding authorizations to the Illinois Building Authority would need to be increased by a total of \$6,609,000 in order to provide the amounts needed for the negotiation of contracts on all seven projects at the two campuses.

III. Justification of Requests for Additional Buildings

It will be assumed in the following discussion that the educational programs conducted at the University's three campuses are justified by the educational needs of the state, and that the projected growth of enrollments is in the public interest. Furthermore, the patterns of expansion proposed are believed to reflect the distinctive mission of the University of Illinois in the state-wide system of higher education, as well as to be consistent with the Master Plan.

The present analysis will be concerned, therefore, only with a *quantitative* evaluation of the University's request for additional space. The purpose will be to determine whether or not the amount of additional space requested for each of its three campuses can be justified in terms of the improvement or expansion of the programs proposed. In order to make such determinations, it is necessary to take the following steps: (a) specify the enrollments expected over a period extending past the occupancy of the buildings; (b) make an analytical inventory of the kinds and amounts of space available (or under construction) prior to the initiation of the new building program; (c) make a similar analysis for the buildings to be added; (d) develop acceptable standards by which the space *required* for the various types and levels of University functions can be calculated; (e) complete an overall "audit" of the estimated status of space resources and utilization as of the termination of the projected program of expansion or improvement.

The Increase in "Enrollment Capacity" Resulting from the 1967-69 Building Program

Enrollment Projections. Delays in the 1965-67 building program—and the need to fund budget deficiencies for several projects before construction can begin—have forced revisions of previous enrollment projections, and make it difficult to predict with much assurance the dates by which given enrollment levels will be reached. The estimates presented in Table I (below) represent what appear to be realistic expectations as to enrollments at the University's three campuses through 1971-72. An overall increase of about 50 per cent is indicated over the six-year period—the greater part at Chicago Circle. But changes in the timing of availability of facilities and other unforeseen contingencies could alter these projections.

As compared with 1965-66, the figures for 1971-72 in Table I show the following enrollment trends for the several educational levels: (a) only a slight increase (10 per cent) for freshmen and sophomores; (b) approximately a doubling of enrollment at junior-senior level; (c) an increase of 54 per cent in professional enrollment; (d) a graduate enrollment increase of 75 per cent. The probability of achieving the change in pattern of undergraduate distribution will depend largely on the demand for transfer to the University on the part of junior-college graduates. If this demand does not materialize to the extent forecast, a higher proportion of freshmen and sophomores would be enrolled at the undergraduate level. There should be no difficulty in reaching the levels forecast for professional and graduate students—if the facilities are available.

Table I. Actual Enrollments (Headcounts) for 1965-66 and Enrollment Projections for 1968-69, 1970-71, and 1971-72 at All Three Campuses of the University of Illinois

<i>Campus</i>	<i>Freshman-Sophomore</i>	<i>Junior-Senior</i>	<i>Professional</i>	<i>Graduate I</i>	<i>Graduate II</i>	<i>Total</i>
<i>Chicago Circle</i>						
1965-66.....	6 759	1 771	.....	99 ¹	.....	8 629
1968-69.....	9 300	4 400	.....	850	150	14 700
1970-71.....	10 600	8 350	.....	1 200	350	20 500
1971-72.....	9 500	10 500	.....	1 400	600	22 000
<i>Medical Center</i>						
1965-66.....	.....	.....	2 108	134	141	2 383
1968-69.....	.....	.....	2 539	293	184	3 016
1970-71.....	.....	.....	2 904	384	213	3 501
1971-72.....	.....	.....	3 115	417	230	3 762
<i>Urbana-Champaign</i>						
1965-66.....	11 358	8 756	749	3 441	3 637	27 941
1968-69.....	11 200	9 500	820	3 880	4 100	29 500
1970-71.....	11 000	10 700	995	4 305	4 500	31 500
1971-72.....	10 500	11 200	1 140	4 410	4 600	31 850
<i>All Campuses</i>						
1965-66.....	18 117	10 527	2 857	3 674	3 778	38 953
1968-69.....	20 500	13 900	3 359	5 023	4 434	47 216
1970-71.....	21 600	19 050	3 899	5 889	5 063	55 501
1971-72.....	20 000	21 700	4 255	6 227	5 430	57 612

¹ These students are in the Jane Addams Graduate School of Social Work formerly located at the Medical Center Campus.

The Gain in "Enrollment Capacity." Although the 1967-69 building program is not designed solely to provide facilities for increased enrollment, this is its primary purpose. Hence, it is desirable to specify as precisely as possible the increments of enrollment increase at each campus that would be made possible by the buildings listed above in Schedules A, B, and C.

In order to make such estimates, it is necessary to identify the period of time during which these particular buildings at each campus are contributing to gains

in enrollment, and to segregate their "component" of enrollment increase from that due to facilities provided in earlier building programs. In the present situation, the selection of a "base" year (or enrollment level) from which to measure the enrollment gain *could* be one in which the maximum enrollment increase made possible by the 1965-67 building program had not been reached. It is necessary to choose as a "base" an enrollment level that reflects all of the increase in capacity due to all existing and currently-programmed space.

An analogous problem occurs in the selection of a terminal date or enrollment level that would properly delimit the "enrollment capacity" contributed by a given set of new buildings. In the case of a new building to serve a professional program, in particular, the initial increase in enrollment would occur only in the beginning class; then, in succeeding years, each additional class in sequence would receive its increase until all had reached the new level. So the full impact of new facilities on enrollment may not be measured until several years after initial occupancy of a building (e.g., three for Dentistry and Veterinary Medicine, and two for Law).

The figures in Table II (below) summarize the estimates of enrollment increases at the three campuses that are attributable to the buildings included in the 1967-69 capital budget request. Most of the gain is represented by the difference between the total enrollment projected for 1968 and that for 1970. But in the case of Chicago Circle, the "capacity" is estimated to be 22,000, and, partly due to the delay of a year in the completion of Phase II, that figure won't be reached until 1971.

The estimated gain in "enrollment capacity" is shown in Table II to be 9,930 for all campuses combined — about 70 per cent of it at Chicago Circle.

As between undergraduate and professional-graduate enrollments, the overall proportions are 70 per cent undergraduate and 30 per cent professional-graduate for all campuses. At Urbana-Champaign, the division is about equal between these two groups; some 84 per cent of the Chicago Circle gain in capacity is at the undergraduate level; while at the Medical Center all of the increased capacity is at professional-graduate level.

Table II. Estimates of Increase in Enrollment Capacity (Headcounts) to be Provided by Buildings in the 1967-69 Capital Budget

	<i>Freshman-Sophomore</i>	<i>Junior-Senior</i>	<i>Professional</i>	<i>Graduate I</i>	<i>Graduate II</i>	<i>Total</i>
<i>Chicago Circle</i>						
Phase III limit.....	9 500	10 500	.....	1 400	600	22 000
Phase II limit.....	9 400	4 600	.....	850	150	15 000
Increase.....	100	5 900	.....	550	450	7 000
<i>Medical Center</i>						
1970 + limit.....	.....	.....	3 074 ¹	384	213	3 671
1968 limit.....	.....	.....	2 539	293	184	3 016
Increase.....	.....	.....	535	91	29	655
<i>Urbana-Champaign</i>						
1970 + limit.....	11 000	10 700	1 270 ²	4 305	4 500	31 775
1968 limit.....	11 200	9 500	820	3 880	4 100	29 500
Increase.....	-200	1 200	450	425	400	2 275
<i>All Campuses</i>						
Increase in capacity	-100	7 100	985	1 066	879	9 930

¹ This figure includes an estimated 170 Dentistry students beyond the total projected for 1970, to reflect the expansion of the three upper classes that would occur after 1970.

² This figure includes an estimated 275 Law students beyond the total projected for 1970, to reflect the expansion anticipated when the facilities are utilized to capacity.

Space "Audits": Analysis of Space Requested for the 1967-69 Capital Budget Versus Space Required by Program Standards

The net gains in enrollment "capacity" expected from the 1967-69 building program constitute the main basis for the budget requests in Schedules A, B, and C above. But the adequacy of existing facilities relative to present educational commitments must also be considered in evaluating the merits of the University's

capital request for 1967-69. It happens that at each of the three campuses, the total amount of space to be available upon completion of all current (1965-67) construction will be *less* than the amount required by established standards. Hence, part of the 1967-69 program reflects the need to overcome serious existing shortages.

Space Standards. In order to determine whether or not a given request for space is justified, it is necessary to have an acceptable standard by which to judge it. The University of Illinois has developed such standards for the kinds of programs conducted at its Chicago Circle and Urbana-Champaign campuses — through systematic studies conducted over several years by its Central Office on the Use of Space. The "numeric method" developed during the course of this work is described in some detail in a brochure prepared by that Office's Director, Harlan D. Bareither, under the title *Translating the Educational Program of an Institution into Physical Facility Requirements*. The system of space categories and standards has been "computerized" so as to permit rapid calculation of the kinds and amounts of space required for specified educational programs.

The "numeric method" has been "cross-validated" through checks of its norms against such standards as have been available from other comparable universities. In one example of such cross-comparison, the amount of "departmental" space "required" by our standards was checked against what would be "required" by the standards used at the University of California. The results were: 3,017,841 net square feet by Illinois norms and 3,124,582 net square feet by California standards. (The latter were secured from a publication entitled *A Restudy of the Needs of California in Higher Education*, prepared for the Liaison Committee of the Regents of the University of California and the California State Board of Education.)

It is critically important to recognize the marked variation in space requirements with level of education and among fields of learning. By way of emphasizing this point, and also of presenting one set of products of the "numeric method," the following figures show the number of net square feet per student required for the kind of student-program "mix" that prevailed at the Urbana-Champaign campus during the academic year 1964-65:

	<i>Freshman- Sophomore</i>	<i>Junior- Senior</i>	<i>Graduate I- Professor</i>	<i>Graduate II</i>
Net square feet per student. .	80.2	99.2	159.4	643.0

In addition to these overall averages, detailed breakdowns are available for the various categories of space and for all organizational units.

It should be strongly emphasized that the foregoing space norms are pertinent only to the particular "mix" of students (by fields of study and educational levels) that prevailed at the Urbana-Champaign campus in 1964-65. If the "mix" were to change, for example towards relatively more advanced graduate students in education than in physical science or engineering, the space requirements per student would drop very sharply.

The "numeric method" has not yet been applied at the *Medical Center Campus*, but, fortunately, the United States Public Health Service has developed national standards that are applicable to the programs there. These standards have been used in the present evaluation of the building requests submitted for the Medical Center Campus.

"Audits" of Space Requirements in Relation to Space Requests for the Three Campuses. Using these methods and standards, the following calculations have been made for each campus: (a) space "required" for the educational program (including increased enrollment) as of the dates of occupancy and relatively full use of the proposed new buildings; (b) space now available or approved for construction during the 1965-67 biennium; (c) space to be razed; (d) new space requested for the 1967-69 capital budget; (e) net status (surplus or shortage) after completion of the 1967-69 building program.

The results of these analyses are presented, on the following three pages, in Table III (Chicago Circle Campus), Table IV (Medical Center Campus), and Table V (Urbana-Champaign Campus). The net outcomes may be briefly summarized as follows:

1. CHICAGO CIRCLE CAMPUS. A surplus of 184,226 net square feet would exist in 1971 by University standards, with an enrollment of 22,000 students. This excess, however, would be due entirely to two large temporary buildings which the University is under obligation to demolish after six years (a condition attached to the conveyance of the land to the University). Without these two buildings, the Chi-

Table III. Chicago Circle Campus: Status of Space Upon Completion of the 1967-69 Building Program
(All Values in Net Assignable Square Feet)

<i>Type of Space or Function</i>	(1) <i>Space Required by 1971 for Projected Enrollment</i>	(2) <i>Space to be Available as of 1968</i>	(3) <i>Space to be Razed</i>	(4) <i>Space Gained (+) or Lost (-) by Reassignment</i>	(5) <i>Space Requested for 1967-69 Budget (See Schedule A)</i>	(6) <i>Net Amount of Space to be Available for Use in 1971</i>	(7) <i>Surplus (+) or Shortage (-) of Space as of 1971</i>
Classrooms.....	232 614	142 657	0	0	62 581	205 238	- 27 376
Instructional Laboratories.....	367 958	401 825	0	0	87 135	488 960	+121 002
Instructional Gymnasiums.....	129 928	54 986	0	0	139 492	194 478	+ 64 550
Office.....	474 059	230 591	0	0	248 245	478 836	+ 4 777
Library.....	275 679	166 016	0	0	106 663	272 679	- 3 000
Research.....	211 677	26 862	0	0	182 790	209 652	- 2 025
Commuter.....	78 780	53 626	0	0	38 400	92 026	+ 13 246
Archive and Storage.....	105 929	35 959	0	0	43 013	78 972	- 26 957
Drill Hall.....	18 000	13 199	0	0	0	13 199	- 4 801
Inactive — Remodeling.....	28 419	83 894	0	0	0	83 894	+ 55 475
Physical Plant.....	90 098	77 905	0	0	0	77 905	- 12 193
<i>Subtotal A.....</i>	<i>2 013 141</i>	<i>1 287 520</i>	<i>0</i>	<i>0</i>	<i>908 319</i>	<i>2 195 839</i>	<i>182 698</i>
Student Service.....	179 009	180 537	0	0	0	180 537	+ 1 528
Health Service.....	5 027	5 027	0	0	0	5 027	0
Auditorium and Museum NFI...	2 504	2 504	0	0	0	2 504	0
Gymnasium Seating NFI.....	15 562	0	0	0	15 562	15 562	0
Greenhouse.....	11 370	3 790	0	0	7 580	11 370	0
<i>Total.....</i>	<i>2 226 613</i>	<i>1 479 378</i>	<i>0</i>	<i>0</i>	<i>931 461</i>	<i>2 410 839</i>	<i>+184 226</i>

Table IV. Medical Center Campus: Status of Space Upon Completion of the 1967-69 Building Program
(All Values in Net Assignable Square Feet)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>Program or Function</i>	<i>Space Required by 1970 for Projected Enrollment</i>	<i>Space to be Available as of 1968</i>	<i>Space to be Razed</i>	<i>Space Gained (+) or Lost (-) by Reassignment</i>	<i>Space Requested for 1967-69 Budget (See Schedule B)</i>	<i>Net Amount of Space to be Available for Use in 1970</i>	<i>Surplus (+) or Shortage (-) of Space as of 1970</i>
Administration.....	40 365	29 246	0	- 10 371	37 604	56 479	+ 16 114
College of Medicine.....	865 388	432 129	0	+109 683	0	541 812	-323 576
College of Dentistry.....	173 610	67 945	0	- 67 945	156 524	156 524	- 17 086
College of Pharmacy.....	110 028	96 168	0	+ 1 363	0	97 531	- 12 497
College of Nursing.....	49 665	82 298	0	- 9 298	0	73 000	+ 23 335
Aeromedical Laboratory.....	16 414	11 896	0	0	0	11 896	- 4 518
Illustration Studios.....	4 244	15 431	0	- 990	0	14 441	+ 10 197
<i>Subtotal A.....</i>	<i>1 259 714</i>	<i>735 113</i>	<i>0</i>	<i>+ 22 442</i>	<i>194 128</i>	<i>951 683</i>	<i>-308 031</i>
Classrooms.....	54 487	53 257	0	0	4 849	58 106	+ 3 619
Library.....	62 731	21 020	0	- 15 407	84 048	89 661	+ 26 930
Physical Plant.....	38 439	25 758	15 845	0	0	9 913	- 28 526
Animal Facilities.....	29 122	28 100	0	0	31 241	59 341	+ 30 219
Archive and Storage.....	56 951	129 360	58 772	- 2 100	0	68 488	+ 11 537
<i>Subtotal B.....</i>	<i>1 501 444</i>	<i>992 608</i>	<i>74 617</i>	<i>+ 4 935</i>	<i>314 266</i>	<i>1 237 192</i>	<i>-264 252</i>
Student Service.....	22 536	11 969	3 942	0	3 066	11 093	- 11 443
Health Service.....	1 341	972	0	0	0	972	- 369
Gymnasiums.....	5 537	4 003	0	0	0	4 003	- 1 534
Quasi University.....	2 073	1 503	0	0	0	1 503	- 570
Lockers.....	14 414	10 435	0	- 3 385	6 493	13 543	- 871
Union.....	23 951	66 913	2 402	- 1 550	0	62 961	+ 39 010
<i>Total.....</i>	<i>1 571 296</i>	<i>1 088 403</i>	<i>80 961</i>	<i>0</i>	<i>323 825</i>	<i>1 331 267</i>	<i>-240 029</i>

Table V. Champaign-Urbana Campus: Status of Space Upon Completion of the 1967-69 Building Program
(All Values in Net Assignable Square Feet)

<i>Program or Function</i>	(1) <i>Space Required by 1970 for Projected Enrollment</i>	(2) <i>Space to be Available as of 1968</i>	(3) <i>Space to be Razed</i>	(4) <i>Space Gained (+) or Lost (-) by Reassignment</i>	(5) <i>Space Requested for 1967-69 Budget (See Schedule C)</i>	(6) <i>Net Amount of Space to be Available for Use in 1970</i>	(7) <i>Surplus (+) or Shortage (-) of Space as of 1970</i>
Administration.....	272 678	232 578	3 535	+ 6 941	0	235 984	- 36 694
Agriculture.....	396 435	410 558	0	0	0	410 558	+ 14 123
Commerce.....	51 026	48 785	2 117	0	0	46 668	- 4 358
Education.....	107 167	70 194	1 673	+ 18 075	0	86 596	- 20 571
Engineering.....	958 730	908 071	0	+ 9 709	15 135	932 915	- 25 815
Fine and Applied Arts.....	260 260	187 398	3 120	+ 3 658	34 531	222 467	- 37 793
Graduate College.....	43 479	65 883	1 962	0	1 700	65 621	+ 22 142
Journalism.....	31 334	30 062	0	0	0	30 062	- 1 272
Law.....	25 161	15 216	0	0	16 726	31 942	+ 6 781
Liberal Arts and Sciences.....	974 704	856 611	7 208	- 7 887	109 335	950 851	- 23 853
Physical Education.....	266 823	224 949	0	- 4 450	48 617	269 116	+ 2 293
University Extension.....	21 398	16 750	0	0	0	16 750	- 4 648
Veterinary Medicine.....	158 327	89 622	9 947	0	26 110	105 785	- 52 542
Military Science.....	15 029	20 799	0	0	0	20 799	+ 5 770
Miscellaneous Units.....	24 908	18 400	0	0	733	19 133	- 5 775
General University (Armory Floor).....	77 809	77 809	0	0	0	77 809	0
<i>Subtotal A</i>	3 685 268	3 273 685	29 562	+ 26 046	252 887	3 523 056	- 162 212
Classroom.....	305 819	319 554	0	- 11 756	21 550	329 348	+ 23 529
Library.....	672 083	479 710	0	- 11 690	147 020	615 040	+ 57 043
Commons.....	46 059	39 472	0	0	7 239	46 711	+ 652
Inactive—Remodeling.....	69 210	37 722	0	0	0	37 722	- 31 488
Physical Plant.....	185 283	158 091	0	0	0	158 091	- 27 192
<i>Subtotal B</i>	4 963 722	4 308 234	29 562	+ 2 600	428 696	4 709 968	- 253 754
Student Services.....	262 078	163 848	0	0	0	163 848	- 98 230
Hospital.....	47 651	41 793	0	0	0	41 793	- 5 858
Laboratory School.....	42 613	42 613	0	0	0	42 613	0
Museum.....	47 040	47 040	0	0	0	47 040	0
Gymnasium NFI.....	168 908	44 401	0	0	124 507	168 908	0
Auditorium.....	297 456	295 356	0	- 2 600	4 700	297 456	0
Athletic Association.....	108 890	108 890	0	0	0	108 890	0
Quasi University.....	157 031	157 031	0	0	0	157 031	0
<i>Total</i>	6 095 389	5 209 206	29 562	0	557 903	5 737 547	- 357 842

cago Circle Campus would have a shortage of 68,889 net square feet of space as of the date of capacity utilization of Phase III buildings.

2. **MEDICAL CENTER CAMPUS.** A shortage of 240,029 net square feet of space would exist, by United States Public Health Service standards, after the four new buildings had been completed and fully utilized.

3. **URBANA-CHAMPAIGN CAMPUS.** A shortage of 357,842 net square feet of space by University standards would remain after all of the buildings included in the 1967-69 budget request had been fully utilized.

In sum, then, the total amount of building space proposed for the University's 1967-69 capital budget is fully justified in terms of its overall program requirements. The standards used are reasonable, and they have been carefully applied in measuring the space needs of all units on all campuses. If the University is to expand its work on the scale indicated, and if a high level of quality is to be sustained, the facilities requested must be provided.

In the following sections, detailed descriptions of the building programs proposed for each of the three campuses will be presented.

IV. Chicago Circle Campus: Capital Program for 1967-69

The Development Plan for the Chicago Circle Campus

The Original Program. The Chicago Circle Campus was conceived originally as a four-year institution covering a fairly wide range of educational fields and looking toward an undergraduate enrollment of approximately 20,000 students by 1970. Three phases of construction were planned: Phase I, accommodating about 10,000 students (with temporary academic use of student-union space and other emergency adjustments); and Phases II and III to provide space for an additional 5,000 students each — to bring the total to 20,000.

Modifications in the Program Resulting from the Adoption of the Master Plan. The original conception of the Chicago Circle Campus has been changed by the adoption of the Master Plan, which calls for greater emphasis on junior-senior and graduate-professional study by the state universities. This would seem to be particularly appropriate for the University of Illinois, in view of its unique status as an institution of higher education in the state. Further, considering the absence of a public institution offering general graduate work in Chicago, it is highly desirable to introduce graduate study there as soon as the necessary resources can be provided. It now seems that a limited amount of work at master's level can be initiated in 1967-68. The program would be expanded thereafter as rapidly as resources would permit.

It should be emphasized, however, that the original target of 20,000 undergraduates by the time Phase III is fully utilized has not been changed. The only change of plan affecting undergraduates would involve a shift toward a higher proportion of juniors and seniors — to accommodate junior-college transfers in the Chicago area, in accordance with the Master Plan. A limited amount of graduate instruction will be initiated through the use of extra space in recently-acquired, old buildings and emergency use of space used also for undergraduate instruction. The unanticipated acquisition of three buildings on or near the Chicago Circle Campus — the Central National Bank Building, the Illinois Eye and Ear Infirmary Building, and the Stein Building — have mainly provided the space that will make it possible to begin graduate study in several fields in 1967-68. But since the Central National Bank Building and the Stein Building are scheduled for early demolition by agreement with the city of Chicago, as noted in an earlier section, it is essential that the buildings requested for Phase III be provided if the graduate program is to go forward.

The capital projects proposed for Chicago Circle will be described in the following sections. In Appendix A, detailed specifications are given concerning the kinds and amounts of space in the several building projects for that campus. (Appendix A is not included in these minutes but is filed with the Secretary of the Board for record.)

Buildings Requested for the Chicago Circle Campus

Architecture and Art Addition (\$5,866,000). The work of the College of Architecture and Art has been considerably retarded by the delay in the construction of its facilities. It is essential that this second unit of the College's space be added in order that the undergraduate program might be rounded out and graduate study initiated. The Department of Architecture and the Department of Art will

both use this space. In combination, these two departments serve both the cultural needs of the University at Chicago Circle and the practical aspect of urban programs through the translation of scholarly knowledge into workable physical reality.

Behavioral Science Center (\$10,714,000). This building, the second largest scheduled for Phase III, lies at the very heart of the emphasis on urban studies of the Chicago Circle Campus. The disciplines represented in this building constitute the main focus of the plans for the development of educational programs, both instructional and research, that will be directed to the solution of the problems of urban society. These departments are Anthropology, Geography, Political Science, Psychology, and Sociology.

Education Center (\$6,957,000). This project will house the laboratories for the Departments of Music and Speech and will provide both administrative and academic facilities for the Division of Education and the Graduate School of Social Work. The occupants of this site will figure prominently in the urban mission of the Chicago Circle Campus. The Division of Education will be broadly concerned with the education of teachers, and with experimentation designed to improve education at all levels. The Graduate School of Social Work expects to expand its enrollment sharply, in order to help meet the ever-increasing demand for more and better-trained personnel in the social-welfare field.

Greenhouse Addition (\$252,000). This project will supply the Department of Biological Sciences with additional greenhouse space for both graduate and undergraduate education. Its specimens will be required for undergraduate instructional laboratories and the facility to be used in graduate research programs in the various fields of plant science.

Library Addition (\$6,841,000). Phase III of the University of Illinois Chicago Circle Library, which will complete the building as originally planned, will provide the seating capacity necessary to serve some 20,000 students. It will also provide the added bookstack capacity necessary for a research library. The first two units of the building were intended primarily to handle the growing student body through the period 1965-67. As a result, book capacity in the first two units was reduced in order to provide space for seating. At the present rate of growth, the book collections will keep pace with, or slightly exceed, the capacity of the first two units and unit III is necessary to provide book capacity for future growth of the collections.

In addition to increased book and reader space, the third unit of the library will provide space for the map and documents collections, space for the technical services staff necessary to handle larger book budgets, and additional faculty studies and graduate-student carrels.

Physical Education Building (\$7,095,000). Among the eight buildings listed in Schedule A (page 14), the Physical Education Building has been carried forward from Phase II — having been dropped because of insufficient funds in the capital budget due to cost escalation. Working drawings for this structure have been completed, and it will be possible to commence construction as soon as funds become available. The building could be completed by September, 1969. Approximately 35 per cent of the cost of the project would be met from student fees, since it is estimated that approximately this proportion would represent the recreational use of the facility.

In the absence of this facility students are forced to travel to temporary, unsatisfactory quarters for their courses in physical education. Furthermore, it is not possible to provide the work necessary to earn a degree in the teaching of physical education — a field in which there is an acute shortage of women teachers.

Science-Engineering Center (\$32,776,000). This building, the largest and most complex yet planned for the Chicago Circle Campus, will house in part the natural sciences and engineering departments. The facility will contain their upper-division and advanced programs, supplying the laboratories necessary for the recruitment of outstanding academic personnel necessary to instruct the projected student enrollment. The Center will include, as one of its facilities, a science and engineering library. The departments occupying the building are: Biological Sciences, Chemistry, Energy Engineering, Geology, Information Engineering, Material Engineering, and Physics.

Student Services Administration Building (\$3,533,000). This structure, situated at the gateway to the Chicago Circle Campus and most immediately accessible to

the public transportation, will house the facilities directly related to students, such as the Office of the Dean of Student Affairs, the Office of Admissions and Records, and the Business Office. The completion of this building will permit the transfer of these offices from the present University Hall, thereby permitting the humanities departments to have the expansion space required in order that the enrollment projected for 1971 may be accommodated. Furthermore, it has now become clear that only a building specially designed for these administrative purposes will enable the University to handle the growing numbers of students without undue congestion and disruption of scheduled activities.

Other Capital Projects

Heating Plant Addition (\$2,846,000). In order to provide heat and air conditioning to the Phase III buildings proposed for construction in the 1967-69 biennium, it is necessary to add to the Utilities Center area enough area to house the following additional equipment: (a) two high temperature hot water generators with pumps, motors, and appurtenances; (b) one 3,500 ton refrigeration unit for chilled water complete with appurtenances; (c) a cooling tower; (d) additional switch gear and electrical equipment to increase the capacity of the campus distribution system as required to service the new buildings.

Land Acquisition (\$3,169,000). The land acquisition to date for the Chicago Circle Campus was based on the original long-range planning for 20,000 undergraduate students by 1970. The current planning anticipates 25,500 students by 1974, of which approximately 3,500 will be graduate students. This change results in the need for more building space and more land than previously planned. Accordingly, the acquisition of forty-eight acres south of the campus and within Chicago's proposed Roosevelt-Halsted redevelopment project is recommended for the 1967-69 biennium.

Movable Equipment (\$8,748,000). The requested funds include two components: (a) funds for equipping the buildings that will be completed for use by the fall of 1969; (b) funds for the procurement of equipment that had to be deleted from the Phase II budget. The estimate for movable equipment in Phase II was made of necessity before final costs of Phase I were known and before detailed status sheets could be prepared by the departments. Using the estimated Phase I costs, a percentage of estimated construction costs for Phase II was taken as the estimated cost of movable equipment. But between the time that the movable equipment budget was prepared and the preparation of the status sheets by new department heads, it became apparent that the mission of the Chicago Circle Campus would change under the Master Plan of the State Board of Higher Education. Instead of a predominantly undergraduate campus with more lower division than upper division students and a few graduate students, it became necessary to anticipate a larger proportion of upper division and graduate students, with a minority of lower division students and with strong emphasis on research. The equipment needs rise strikingly with the latter type of campus, particularly in "higher-cost" disciplines, such as laboratory sciences (biology, chemistry, geology, physics), applied sciences (engineering), and fine arts (architecture, art). All are heavily involved in Phase II. Thus a deficiency of some \$4,109,000 resulted.

The Phase III buildings scheduled for completion in 1969 and the basis for estimating the movable equipment needed are as follows: Behavioral Science Center (10 per cent of estimated construction costs); Science-Engineering Center (20 per cent of estimated construction cost for the part scheduled for completion in 1969); Physical Education Building (a total of \$200,000).

Remodeling (\$1,273,000). These funds are needed for remodeling in the following buildings: (a) Central National Bank Building (\$181,900—previously unassigned areas, to be used by Engineering, Psychology, and Sociology); Adams Hall and Burnham Hall (\$285,000—to reconvert to classrooms, space now used by the College of Architecture and Art); Science and Engineering Laboratories (\$500,600—to make possible more effective use of several laboratory areas in this building, in the light of needs and difficulties that have emerged as the several departments have worked in the present arrangement of the space); Illinois Eye and Ear Infirmary Building (\$175,500—to continue the remodeling of unused parts of this building for Geology and Psychology); Stein Building (\$130,000—to make usable certain areas of this temporary building that presently are unassigned, for Speech and Theatre, Sociology, and Social Work).

Planning for 1969-71 (\$1,500,000). In order to complete within a biennium

the buildings scheduled for that biennium, it is essential that design through working drawings be completed prior to the beginning of the biennium. The funds requested for 1967-69 would provide for the completion of working drawings for Phase IV consisting of 610,000 gross square feet of space. This would add sufficient enrollment capacity to accommodate some 23,500 students at full utilization.

Site Development, including Extension of Utilities Distribution Systems (\$4,482,000). This project provides tunnels for hot and chilled water (supply and return) from the Utilities Center to Harrison Street for service to the Education Center, Behavioral Science Center, and the Student Services Administration Building; and from the Utilities Center to the Physical Education Building to be located south of Roosevelt Road. It includes funds for seeding of and irrigation for athletic fields, water mains for drinking fountains, storm drainage, and electric power duct runs and cables. The project also includes graphics for proposed 1967-69 buildings, their landscaping, fencing, and general site development.

V. Medical Center Campus: Capital Program for 1967-69

The capital program shown in Schedule B for the Medical Center Campus is designed to meet two types of needs: (a) space required to overcome critical shortages in three areas, as well as to improve the quality of facilities; (b) space to enable the College of Dentistry to double its overall enrollment when the proposed new building for that College has been brought to a level of full utilization.

The capital projects proposed for the Medical Center will be described in the following sections. In Appendix B, detailed specifications are given concerning the kinds and amounts of space in the several building projects for that campus. (Appendix B is not included in these minutes but is filed with the Secretary of the Board for record.)

Building Funds Requested in Schedule B for the Medical Center Campus

Deficiency in the 1965-67 Capital Budget (\$3,492,000). Due to cost escalation, three buildings in the current (1965-67) construction program can not be completed without additional funds. The total is estimated to be distributed as follows among three buildings: (a) College of Nursing Building, \$1,141,000; (b) Medical Sciences Addition, \$1,016,000; (c) East Dentistry-Medicine-Pharmacy Addition, \$1,335,000.

It is expected that a special appropriation will be sought early in the next session of the General Assembly in order to provide the funds needed to complete these buildings. This would not only permit the occupancy of the buildings sooner, but would also save substantial amounts of money by avoiding further inflation of cost.

College of Dentistry Building (\$19,000,000). As already noted, enrollment in all kinds of programs in the College of Dentistry would be approximately doubled — increasing from the present ceiling of 431 to 876 students. There would be an increase in the professional program of about 66 per cent (from 90 to 150 beginning students). In terms of staff, the facility would permit an increase from approximately 90 full-time equivalent professional staff members to 133; from 38 to 52 clerical employees; and from 76 to 103 technical employees. It is believed that as much as \$7,800,000 in federal funds could be secured for the construction of this facility.

When the Dentistry Building has been completed, space in other buildings that is badly needed by the College of Medicine for instructional and research purposes would be vacated.

Library Building (\$7,579,000). The Library at the Medical Center now occupies only about 15,000 net square feet of space, whereas it should have a total of 51,000 according to the standards of the United States Public Health Service. The situation is acutely critical, in view of the rapid expansion of medical knowledge and the increasing accumulation of other medical literature. If the Medical Center Campus is to maintain and improve its standing as an outstanding center for professional education and medical research, it is imperative that its library facilities be improved, and at once. Federal funds in the amount of \$1,450,000 will be sought.

Medical Research Laboratory (\$3,517,000). This is a central facility housing animals used in biological and medical research throughout the Medical Center Campus. There is great need both to increase the amount of space and to improve the arrangements for housing the growing number of experiments that must be conducted as research expands on the campus. The present facility has a total of

approximately 26,000 net square feet of space, and it is proposed to add approximately 31,000 through the construction of the new unit. This would permit the doubling of the permanent staff housed in the facility (principally technical staff and caretakers, since the professional staff have their offices elsewhere). It is believed that as much as \$1,460,000 of the total of \$3,517,000 could be secured from federal sources.

Office Building (\$3,666,000). This structure would provide space for a variety of administrative and technical units which now are widely scattered over the campus area. Included would be the Office of Admissions and Records, Graduate College, Office of the Vice-President, Safety Office, Office of Student Affairs, Office of Space Utilization, Statistical Service Unit, Business Office, Physical Plant Department (offices), Office of Nonacademic Personnel. Bringing these units together in one building would improve the efficiency of their varied operations, partly because there is much interchange among them. It would also release scattered space in many buildings which is badly needed by the several colleges.

Other Capital Projects

Movable Equipment (\$580,000). Funds are requested only to the extent that the matching of movable equipment items in federal grants might be required. As already noted, most of the movable equipment for these structures would not be needed until the biennium 1969-71.

Planning Funds (\$220,000). Funds are needed for program studies and preliminary design for an addition to the hospital building, which would permit the replacement of the present patient-care facilities in the General Hospital and the Orthopaedic Building (now more than forty years old and essentially without modernization). Engineering studies are needed for the design of air conditioning facilities for selected hospital areas. And funds are needed also for continuing studies of the overall campus plan and of changes that should be made in order to bring about more effective integration of the complex functions housed at the Medical Center Campus.

Remodeling, Rehabilitation, and Minor Additions (\$762,000). The original request for remodeling recommended by the Campus Planning Committee at the Medical Center totaled \$3,346,800—a figure representing the serious backlog of unmet needs of this type. The University Building Program Committee reduced the request to \$762,000 by including only projects of very high priority. This amount would permit the remodeling of space vacated by other units and also some badly-needed improvement in obsolete laboratory and clinical facilities. Almost half of the total would be used for increasing the electrical capacity of the Neuro-psychiatric Institute Building.

Site Development (\$60,000). This item is included for the extension of utilities, public improvements, and street improvements.

VI. Urbana-Champaign Campus: Capital Program for 1967-69

As already noted, a serious shortage of space exists now at the Urbana-Champaign Campus, and it will not be overcome by the construction scheduled for completion by 1968. Furthermore, some 200,000 net square feet of the existing space consists of temporary buildings near the campus that have been acquired for emergency use. Although the new construction proposed in this biennial budget request would add slightly more than 500,000 net square feet to the space inventory, the increases in enrollment would be such as to leave a net shortage of about 350,000 net square feet as of 1970.

In large measure, these shortages reflect the rapid growth of graduate study, especially in the natural sciences and engineering. It has not seemed advisable to limit this growth too sharply in order to maintain a strict balance with facilities. Departments have been under great pressure to expand, and they have often chosen to endure substandard facilities as a lesser evil than stagnation—in a period of great social demand for advanced study and research and increasing amounts of support for research operations.

The individual capital projects proposed for the Urbana-Champaign Campus will now be described briefly in the following sections. In Appendix C, detailed specifications are given concerning the kinds and amounts of space to be included in the several buildings requested for that campus. (Appendix C is not included in these minutes but is filed with Secretary of the Board for record.)

Buildings Requested for the Urbana-Champaign Campus

Deficiency in the 1965-67 Capital Budget (\$3,117,000). Due to cost escalation, four buildings in the current (1965-67) construction program can not be completed without additional funds. As noted in Schedule C, the total is estimated to be \$3,117,000, distributed as follows among four buildings: (a) Small Animal Clinic, \$850,000; (b) Civil Engineering Building (Phase IIA), \$636,000; (c) Undergraduate Library, \$1,200,000; (d) Psychology Building, \$431,000. The reasons for requesting a special appropriation for such items, early in the next session of the General Assembly, are the same as those cited in the discussion of similar projects for the Medical Center Campus.

East Chemistry Second Addition (\$9,063,000). This structure would continue the program of modernization of laboratory space for the Department of Chemistry and Chemical Engineering, while at the same time releasing space in the old laboratory building for the use of other departments. Furthermore, it would enable that distinguished Department to accommodate a growing number of undergraduate and graduate majors.

It is believed that federal funds in the amount of approximately \$2,600,000 could be secured for the project. Since the University has no other similar facility in its 1967-69 building program, it seems urgent that this structure be included. Chemistry needs the modern laboratory facilities, the space to be vacated is badly needed by other departments, and a large federal grant would be lost if this project is not supported.

Engineering Library (\$4,780,000). The rapid growth of graduate study in engineering and the greatly increased rate of scientific publication in its various branches have made the present Library space totally inadequate. There are only 120 seats in this Library to accommodate over 1,200 graduate and 3,575 undergraduate students. The expansion of space proposed would overcome this acute shortage and would provide for the additional enrollment projected to 1974.

In addition, space would be provided for an information storage and retrieval research center, utilizing this Library as a laboratory. The Department of Computer Science and the Graduate School of Library Science would cooperate with the College of Engineering in this program.

It is believed that this project would be eligible for a matching federal grant of as much as \$1,000,000.

Foreign Languages Building (\$7,241,000). This facility has been included by the University in its last two biennial budget requests. (It was called a "classroom-office building" earlier.) On both occasions, it was disapproved by the Board of Higher Education. The building was badly needed even earlier than 1963 to relieve serious overcrowding in the College of Liberal Arts and Sciences. The need has steadily increased with growing enrollment in that College. The Foreign Languages Building would provide offices for all of the language departments of the College and badly-needed space for expanded language-laboratory facilities. Additional classroom space for general University use would also be included. A federal grant of \$1,000,000 is anticipated.

Intramural-Physical Education Building (\$9,301,000). This facility was approved by the State Board of Higher Education for inclusion in the University's 1965-67 capital budget. It became necessary, however, to delete the project because of inability to secure the necessary general-revenue appropriation required for the part of the building planned for educational purposes. As Schedule C shows, most of the cost of this facility would be met from student fees, and it is very badly needed. It is hoped that the state funds required (\$1,662,000) can be included in the 1967-69 capital budget.

Law Building Addition (\$4,585,000). This facility would enable the College of Law virtually to double its enrollment of professional students, as well as to provide space for additional graduate students. The overall increase would be from the 1965-66 level of 537 students to slightly more than 1,000 students by 1972.

Applications for admission to the College of Law have grown rapidly in recent years, and many well-qualified students must now be denied admission. If the state of Illinois is to continue to provide opportunity for legal education to an increasing number of college graduates, it is essential that this program of expansion be supported. A federal grant of \$1,200,000 is believed to be probable under Title II of the Higher Education Facilities Act.

Library Fifth Stack Addition (\$1,920,000). The Library requested two additions to its stacks in order to provide storage space for new acquisitions. It was decided to include only one in the present budget request, although both would have been justified in terms of the library space standards. The structure is thus urgently needed if the Library is to continue to make necessary additions to its collections and to make the new acquisitions accessible to its users. As noted in Table V (page 22), even with this structure and other library space proposed elsewhere in the 1967-69 capital request, there would be an overall shortage at Urbana-Champaign of more than 50,000 net square feet of library space as of 1970.

Music Building (\$4,890,000). Funds for additional space for the School of Music were proposed in the University's 1963-65 capital budget request. The need was great at that time both because of a shortage of space in relation to enrollment and staff, and also because most of the instruction in applied music was being conducted in temporary quarters (six old residences) that were exceedingly unsatisfactory for teaching purposes. This item was not approved by the Illinois Board of Higher Education, however, and was deleted from the University's final request as submitted to the General Assembly.

Enrollment has had to be limited in the School of Music for several years in spite of the growing demand for music teachers in the schools. Graduate enrollment also could be expanded substantially if adequate facilities could be provided. These and other enrollment pressures will grow when the Krannert Center for Performing Arts is completed. To meet these new needs, to provide adequate facilities for music instruction for the existing student body, and in the interest of improved faculty morale, it seems imperative that this too-long-delayed building project be included in the capital budget for 1967-69.

Nuclear Reactor Laboratory (\$1,311,000). The Nuclear Engineering Program is relatively new in the College of Engineering, since the latter received approval for a doctoral program in this area only five years ago. At the present time, a total of sixty graduate students are specializing in nuclear engineering, with seventeen of them having passed their preliminary examinations for the Ph.D. degree. The program has strong fellowship support as well as substantial research support from federal agencies. A further argument for the inclusion of this project in the present budget request is the high probability that almost half the cost could be met from a matching federal grant.

Small Animal Clinic Phase I Completion (\$2,147,000). This project represents space that had to be omitted from the original plan for the Small Animal Clinic, because the bids received were excessive and hence it became necessary to replan the building. It is critically needed in order to permit the College of Veterinary Medicine to consolidate all of its clinical work with small animals at one location. In addition, a shortage of space has resulted in the establishment of a ceiling on enrollment in this College far below the level of student demand. Since the College of Veterinary Medicine is the only state-supported institution of its type, it seems critically necessary to proceed with its building program, in order to close the gap between demand and opportunity for professional veterinary education.

Turner Hall Headhouse and Greenhouses (\$932,000). The first phase of construction of Turner Hall was completed in 1963-64, with the general expectation that the remainder of the building would probably be scheduled for construction in two additional phases. When finally completed, it would house the Departments of Agronomy, Forestry, Horticulture, and Plant Pathology of the College of Agriculture. Phase I provides space for only about half of the staff and operations of the Department of Agronomy.

As noted below in the request for planning funds, high priority has been given to Phase II of Turner Hall for the 1969-71 capital budget. The completion of plans for it during 1967-69 would permit construction within the following biennium.

The headhouse and greenhouses are essential laboratory adjuncts to Turner Hall, and should be completed before Phase II can be built. The latter necessity arises because two existing greenhouses must be relocated to clear the site for Phase II. Another reason is that these laboratory facilities would greatly improve the research resources of the several departments and would enable the College of Agriculture to qualify for special federal grants for the construction of additional greenhouse units at no cost to the University.

Women's Gymnasium Addition (\$1,362,000). This project was deleted from the 1965-67 budget, after approval by the Board of Higher Education, because suffi-

cient general-revenue funds could not be provided to meet the state's share of the cost. One of the main facilities to be added with this structure is a swimming pool, which would be used heavily for physical-education classes. As Schedule C shows, of the estimated total cost, some \$780,000 would come from state appropriations — reflecting the proportion of use of the facility for instructional purposes.

Other Capital Projects

Campus Improvements (\$376,000). Some seven projects are included under this heading (sidewalks, bicycle facilities and pavings, campus security lighting, landscaping, reforestation, etc.).

Land Acquisition (\$4,450,000). These funds are needed for two purposes: (a) to enable the University to acquire title to land purchased in its behalf by the University of Illinois Foundation (\$4,250,000); (b) to acquire land needed for the proposed Engineering Library (\$200,000). The land acquired by the Foundation in behalf of the University includes sites adjacent to buildings that are now under construction, as well as land immediately adjacent to the campus which had been put on the market for sale and which would have undergone sharp increase in price due to planned improvements for commercial purposes. Included also are such facilities as the Colonel Wolfe School which has been remodeled for highly important research being conducted by the College of Education and the Department of Psychology (including a "Headstart" project of major significance).

Movable Equipment (\$800,000). As already noted, most of the movable equipment for the buildings listed in Schedule C would not be purchased until the biennium 1969-71. Certain of the projects might be completed sooner, however, and it is estimated that the sum of \$800,000 would be sufficient for the procurement of equipment for these structures. Included would be matching funds for the parts of anticipated federal grants that would be available for the purchase of equipment.

Planning Funds (\$608,000). Funds for the planning of two projects are included: (a) Large Animal Clinic (\$356,000); (b) Turner Hall Phase II (\$252,000). Both projects will have very high priority in the University's building program for 1969-71, and it is hoped that architectural plans and working drawings can be completed during the coming biennium. If that can be done, the buildings could be completed one year earlier and at a very substantial saving in cost.

The Large Animal Clinic would make possible an increase in enrollment in the professional program in Veterinary Medicine, which is urgently needed. It is now necessary to turn away many qualified students, and a substantial increase in enrollment cannot occur until adequate hospital facilities have been provided.

The construction of Phase II of Turner Hall would make it possible for the College of Agriculture to vacate its remaining space in Davenport Hall, thus releasing space to the College of Liberal Arts and Sciences. The latter badly needs space in the central region of the campus in order to accommodate expected enrollment increases.

Protection of Life and Property (\$335,000). Funds are requested only for the most urgent improvements in three existing buildings (Natural History Building, Metallurgy and Mining Building, and Gregory Hall) as well as to improve water-supply protection and to install life-safety improvements in several places of public assembly.

Public Improvements (\$420,000). Two projects are included: (a) a contribution by the University to the program of "plant and interceptor sewer expansion" proposed by the Urbana and Champaign Sanitary District (and approved by bond issue referendum on November 23, 1965); (b) improvements in the Upper Embarrass River Basin Drainage District (\$170,000). Since the University derives distinct benefits from these improvements, and since it is customary for the University to make its proportional contribution towards such projects, funds for this purpose should be provided.

Remodeling, Rehabilitation, and Minor Additions (\$2,000,000). These funds would be used primarily for remodeling space vacated by departments that will move into new buildings. Although the total need for the three purposes listed far exceeds the amount requested, experience has shown that \$2,000,000 represents approximately the level of work that can be effectively programmed and completed within a biennium. In relation to the total physical plant at the Urbana-Champaign campus, the sum requested is a very modest one.

Street and Street Lighting Improvements (\$808,000). The street improvements include five projects involving the widening of streets adjacent to the campus, the extension of pavement alongside one street, and the extension of another street (for a total of \$698,000). Funds for street lighting improvements in the amount of \$110,000 are requested — for lighting projects on two streets (Florida Avenue, from Neil Street to Lincoln Avenue; Gregory Drive, from Oak Street to Fourth Street).

Utilities Distribution System (\$2,373,000). This item includes funds for extensions and other changes in the utilities distribution system that would be necessary to provide essential services to the buildings included in Schedule C.

(Secretary's Note — This document is supported by appendices given data on gross square feet, net assignable square feet, and enrollment capacities and costs of the buildings on each campus. Copies of these appendices were filed with the Secretary for record.)

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(18) The Committee on Nonrecurring Appropriations, the Executive Vice-President and Provost, and the Vice-President and Comptroller recommend the following appropriations:

From University General Reserve

URBANA-CHAMPAIGN

College of Liberal Arts and Sciences

Department of Chemistry and Chemical Engineering, equipment....	\$ 38 544 00
Department of Zoology, equipment.....	17 895 00

Renovation and remodeling for which funds are assigned to the Physical Plant Department:

To begin remodeling in the Natural History Building for the Departments of Botany, Geology, and Zoology.....	150 330 00
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<i>Total, Urbana-Champaign</i>	<u>\$206 769 00</u>
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CHICAGO CIRCLE

Assignment to the Office of the Vice-President, to match funds for grants received from the United States Office of Education under Title VI of the Higher Education Act of 1965.....	\$ 79 269 00
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Renovation and remodeling for which funds are assigned to the Physical Plant Department:

Remodeling in the Roosevelt Road Building (the former Central National Bank Building) for the Division of Physical Education	95 000 00
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<i>Total, Chicago Circle</i>	<u>\$174 269 00</u>
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<i>Total, University General Reserve</i>	<u>\$381 038 00</u>
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From National Science Foundation Cost-of-Education Allowances

URBANA-CHAMPAIGN

College of Engineering

Nuclear Engineering, upgrading of the Nuclear Reactor, to supplement a grant from the National Science Foundation.....	\$ 72 000 00
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CHICAGO CIRCLE

Renovation and remodeling for which funds are assigned to the Physical Plant Department:

Remodeling in the Science and Engineering Laboratories for the Departments of Biological Sciences and Chemistry.....	53 000 00
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<i>Total, National Science Foundation Cost-of-Education Allowances</i>	<u>\$125 000 00</u>
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From Contract Research Reserve

MEDICAL CENTER

Renovation and remodeling for which funds are assigned to the Physical Plant Department:

Remodeling in the Research Laboratory in the Sangamon Street Building (the former old Illinois Eye and Ear Infirmary) for the Departments of Medicine and Microbiology.....	\$210 000 00
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<i>Grand Total</i>	<u>\$716 038 00</u>
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I concur.

On motion of Mr. Williamson, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

**CONTRACTS FOR WATER DISTRIBUTION SYSTEM IMPROVEMENTS
AT UNIVERSITY OF ILLINOIS-WILLARD AIRPORT**

(19) On May 18, 1966, the Board awarded contracts for water main improvements and water storage improvements at the University of Illinois-Willard Airport. Subsequently, The Fowler Company, Centralia, lowest bidder on three phases of the project, refused to execute contracts. In accordance with the bidding provisions, The Fowler Company has been informed that its bid deposit has been retained by the University as liquidated damages.

The Director of the Institute of Aviation and the Vice-President and Comptroller recommend award of contracts to the second lowest bidders, as follows:

Division D, Water Main Improvements—Cross Construction, Inc., Urbana	\$ 4 738 79
Division E, Water Storage Improvements Section 2, Water Pumping Facilities—George S. Walker Plumbing & Heating, Inc., Decatur..	2 940 00
Division E, Water Storage Improvements Section 3, Electrical Work— Square Deal Electrical Contracting, Inc., Urbana.....	6 922 00
<i>Total</i>	<u>\$14 600 79</u>

The additional funds, \$346.39 (the total of the differences in the bids), required are available in the appropriation previously made by the Board for a water distribution system.

I concur.

On motion of Mr. Hughes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

CONTRACTS FOR REMODELING IN MCKINLEY HOSPITAL

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of cost-plus contracts and the assignment of \$42,000 from the General Reserve for remodeling Room 314, McKinley Hospital, into a microbiology laboratory, the award in each case being to the lowest bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payment</i>
General Work—Dean Evans Co., Champaign.....	10	31	10	\$1 785 00
Electrical Work—William H. Brunkow doing business as Brunkow Electric Company, Champaign.....	10	25	0	630 00
Plumbing Work—Willis H. Thomas & Wren C. Thomas, a partnership doing business as Thomas Plumbing & Heating Co., Urbana.....	25	40	3	1 381 00
Ventilation and Distribution Systems for Conditioned Air—Cool-Rite Refrigeration, W. L. Rogers, owner, Urbana...	25	30	10	790 00

Submitted herewith is a report from the Physical Plant Department, including a schedule of the bids received, a copy of which is filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard,

Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

**CONTRACTS FOR REMODELING IN MUMFORD HALL
AND AGRONOMY STOREHOUSE**

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of cost-plus contracts and the assignment of \$114,100 from the General Reserve for remodeling in the basement and Room 310 of Mumford Hall and in the Agronomy Storehouse.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payment</i>
General Work — Dean Evans Co., Champaign.....	10	31	10	\$9 190 00
Electrical Work — Emeric Electric, Inc., Champaign.....	13	22	5	2 940 00
Plumbing Work — Willis H. Thomas & Wren C. Thomas, a partnership doing business as Thomas Plumbing & Heating Co., Urbana.....	25	40	3	2 440 00
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems Work — Cool-Rite Refrigera- tion, W. L. Rogers, owner, Urbana...	25	30	10	2 070 00

Submitted herewith is a report from the Physical Plant Department, including a schedule of the bids received, a copy of which is filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Hughes, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

**CONTRACTS FOR REMODELING IN THE METALLURGY
AND MINING BUILDING**

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of cost-plus contracts for remodeling the fourth floor of the Metallurgy and Mining Building for the Charged Particle Research Laboratory of the Department of Electrical Engineering to the lowest bidders.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payment</i>
General Work — Dean Evans Co., Champaign.....	10	31	10	\$1 270 00
Electrical Work — William H. Brunkow doing business as Brunkow Electric Company, Champaign.....	10	25	0	1 045 00
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems Work — W. L. Rogers, William Goldstein, C. L. Rogers, and A. Rogers, a partnership doing business as Cool-Rite Refrigeration, Urbana....	25	30	10	1 435 00
Ventilation and Distribution Systems for Conditioned Air — Cool-Rite Refrigera- tion, W. L. Rogers, owner, Urbana...	25	30	10	535 00

It is also recommended that a combined contract be awarded to Cool-Rite Refrigeration, Urbana, for heating, piping, refrigeration, and automatic temperature control systems work and for ventilation and distribution systems for conditioned air work, the lowest bidder on these two divisions of the work.

The estimated total cost is \$33,190. The Board has previously authorized an assignment of \$28,190 for this improvement, and additional funds are available in the Electrical Engineering Department budget.

Submitted herewith is a supporting report from the Physical Plant Department, including a schedule of the bids received, a copy of which is filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

CONTRACTS FOR CONSTRUCTION OF HOLDING AREA AND MILKING PARLOR AT SOUTH LINCOLN AVENUE DAIRY FARM

(23) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of cost-plus contracts for construction of a holding area and a milking parlor for the Department of Dairy Science at the South Lincoln Avenue Dairy Farm to the lowest bidders.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payment</i>
General Work— Dean Evans Co. Champaign.....	10	31	10	\$7 403 00
Electrical Work— William H. Brunkow doing business as Brunkow Electric Company, Champaign.....	10	25	0	745 00
Plumbing Work— David W. Reichard Plumbing & Heating Co., Inc., Urbana	15	49	10	4 095 00
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems Work — Cool-Rite Refriger- ation, W. L. Rogers, owner, Urbana...	25	30	10	1 630 00

An assignment of \$54,590 has previously been made by the Board for these improvements, and additional funds are available in the College of Agriculture budget.

Submitted herewith is a supporting report from the Physical Plant Department, including a schedule of the bids received, a copy of which is filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Hughes, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

CONTRACT FOR GAS SERVICE FOR THE MEDICAL CENTER DRUG AND HORTICULTURAL EXPERIMENT STATION

(24) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an agreement with the Northern Illinois Gas Company for gas service to the Drug and Horticultural Experiment Station at Lisle, Illinois. The estimated annual cost is approximately \$5,000.

Funds are available in the Physical Plant Department operating budget.

The College of Pharmacy and the Physical Plant Department have recommended changing the boilers at the Experiment Station from oil fired to gas fired, which change is now being made to improve equipment and insure satisfactory

schedules and maintenance costs. Gas is now available due to installation by Northern Illinois Gas Company of a high pressure gas transmission pipe line adjacent to the University's property.

I concur.

On motion of Mr. Williamson, this agreement was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

LEASE OF QUARTERS AT 705 SOUTH SIXTH STREET, CHAMPAIGN

(25) Space (Room 107) in a new business building at 705 South Sixth Street, Champaign (approximately 2,675 square feet), is available for lease at a rental rate of \$8,316 per year for a five-year period. This area can be used to consolidate some of the functions of the Office of Admissions and Records and enable that office to administer the new GI Bill from that space. It will also provide some space relief for other administrative offices.

The owner of the building is willing to remodel the space in accordance with the requirements of the Office of Admissions and Records and that cost of remodeling is included in the rental rate.

It is recommended that the University of Illinois Foundation be requested to lease Room 107 in the building at 705 South Sixth Street at the above annual rate for the five-year period and sublease it to the University on a biennial basis contingent upon approval by the Board of Trustees. It is also recommended that the Board authorize the subleasing of the space from the University of Illinois Foundation at the indicated rental rate and that the rental become effective September 1, 1966, or as soon thereafter as the remodeling has been completed and the office space is available for occupancy.

It is further recommended that \$9,430 be assigned from the University General Reserve to pay the rental (\$6,930) and for operation and maintenance (\$2,500) from September 1, 1966, through June 30, 1967. Funds required beyond 1967 will be included in the annual operating budget of the Physical Plant Department.

I concur.

On motion of Mr. Johnston, this recommendation was approved, and the requested assignment of funds was authorized, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR ELECTRICAL INSTALLATION WORK FOR THE UTILITIES CENTER ADDITION PHASE II, CHICAGO CIRCLE

(26) On June 2, 1966, the Illinois Building Authority received bids for the electrical installation work for the Utilities Center Addition, Phase II, at Chicago Circle. The lowest bidder is Divane Bros. Electric Co., Chicago, with a base bid of \$125,399. Four other bids were received:

Hayre Electric Company, Chicago.....	\$129 963 00
Tri-City Electric Company (Illinois), Chicago.....	147 720 00
C & H Electric Co., Chicago.....	158 254 00
G & M Electrical Contractors Co., Chicago.....	166 313 00

The lowest bidder is deemed fully qualified and has performed satisfactorily on University work in the past.

The project is a part of Phase II construction which the Board at its Executive Committee meeting on September 2, 1965, requested the Illinois Building Authority to provide. The Authority will finance the construction and lease the facilities to the University for rental payments appropriated by the Illinois General Assembly. The University will transfer jurisdiction of the land on which the project will be constructed to the Authority.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board request the Illinois Building Authority to award a con-

tract for the described work to the lowest bidder and proceed to procure this facility for the use of the University.

I concur and recommend the adoption of the following resolution.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that Illinois Building Authority be, and it hereby is, requested to award to Divane Bros. Electric Co., Chicago, Illinois, a contract for the electrical installation work for the construction of the Utilities Center Addition at the Chicago Circle, Phase II, for the fixed price of \$125,399.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Hughes, this recommendation was approved, and the foregoing resolution was adopted, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

ADDITION TO CONTRACT FOR CONSTRUCTION OF FLORIDA AVENUE RESIDENCE HALLS

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$44,939.80 in the contract with Kuhne-Simmons Co., Inc., Champaign, for construction of the Florida Avenue Residence Halls to provide additional site development work, including bicycle parking, a hard surface activity-exercise area, and an extension of the south lane of College Court between Virginia and Maryland Drives for improved traffic flow.

Funds are available in the construction budget for this work.

I concur.

On motion of Mr. Pogue, this change in contract was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

ADDITION TO CONTRACT FOR CONSTRUCTION OF EAST CHEMISTRY BUILDING ADDITION

(28) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$26,348.14 in the contract with Kuhne-Simmons Co., Inc., Champaign, for construction of the East Chemistry Building Addition to provide additional cooling capacity in the Nuclear Magnetic Resonance Laboratory on the first floor. The additional capacity is required to handle research equipment added since the original planning for this laboratory. The work will include piping to the roof, a new cooling tower, and additional ventilating equipment.

Funds are available in the construction budget for this work.

I concur.

On motion of Mrs. Watkins, this change in contract was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

ARCHITECTURAL CONSULTING SERVICES

(29) The Director of the Physical Plant and the Vice-President and Comptroller recommend continuation of the employment of Richardson, Severns, Scheeler & Associates, Inc., Champaign, until June 30, 1967, for consulting services on campus

planning at Urbana-Champaign and at the Medical Center on the basis of itemized actual costs of technical personnel, including partners when so engaged on University work, and an allowance of 150 per cent of said costs for overhead and fees. The services will be on the following assignments as authorized by the Physical Plant Department :

Urbana-Champaign

Continuation of studies on the general campus development plan
 Studies of peripheral areas to coordinate campus development with studies developed by other agencies
 Site selection studies for new building projects
 Consultation on architectural design for new building projects
 Participation in weekly planning meeting
 Estimated cost of these services.....\$45 000 00

Medical Center

Continuation of the studies on the campus development plan
 Further development of detailed programs and studies for various colleges and departments
 Continued studies on projects financed from other than state funds
 Estimated cost of these services..... 15 000 00

Funds are available in state capital appropriations to the University from the Universities Building Fund and have been released.

I concur.

On motion of Mr. Johnston, this recommendation was approved.

GRANT FROM THE A. MONTGOMERY WARD FOUNDATION

(30) The Trustees of The A. Montgomery Ward Foundation have authorized a grant to the University of Illinois in the amount of \$160,000 to assist in financing the Chicago Circle Center located on the Chicago Circle Campus of the University.

The Vice-President and Comptroller is pleased to report this most generous grant and recommends its acceptance.

I concur and recommend adoption of the following :

Resolution Accepting Grant of The A. Montgomery Ward Foundation

Resolved, that the grant to the University of Illinois by The A. Montgomery Ward Foundation in the amount of \$160,000.00, to assist in financing the Chicago Circle Center located on the Chicago Circle campus of the University, be and it is hereby gratefully acknowledged and accepted.

Further Resolved, that the University of Illinois, pursuant to the conditions upon which such grant was authorized by the Trustees of The A. Montgomery Ward Foundation, agrees to permanently designate the student lounge in the Chicago Circle Center as "The A. Montgomery Ward Lounge" and to permanently designate the art gallery in the Chicago Circle Center as "The A. Montgomery Ward Art Gallery" as memorials to A. Montgomery Ward and in recognition thereof shall cause to be installed in the student lounge and in the art gallery bronze dedicatory plaques of such design and with such inscription as may be approved by the Trustees of The A. Montgomery Ward Foundation, to indicate that the grant of The A. Montgomery Ward Foundation was given as a memorial to A. Montgomery Ward.

Further Resolved, that the Secretary of this Board of Trustees is hereby directed to transmit to The A. Montgomery Ward Foundation a certified copy of this resolution accepting the grant of The A. Montgomery Ward Foundation.

On motion of Mr. Jones, this resolution was unanimously adopted.

RULES FOR AUTHORIZATION OF SALARY WITHHOLDING FOR INSURANCE

(31) To provide for orderly and equitable handling of various insurance plans for University personnel, the Vice-President and Comptroller recommends establishing the following rules authorizing salary withholding :

An employee may authorize the withholding of a portion of his salary or wages for the payment of insurance premiums on any type of insurance authorized to be

issued by the laws of this State; provided that the majority for which such insurance is issued is composed of State employees.

1. One deduction will be made for payment of premiums on each type of insurance (Life Insurance, Hospital-Medical-Surgical Insurance, and Accident Insurance).
2. The employee must file a written authorization with the University for payroll deductions on forms prescribed by the University.
3. Each insurance company must file with the University copies of the policy, all advertising material and scripts, the application form and schedule of premiums for all participants, together with all modifications or amendments, thereof, from time to time.
4. Except for contracts made with the Board of Trustees, the insurance company must not state nor imply, either directly or through its advertising or solicitation materials, that the University sponsors or approves of the company or the plan in any manner.
5. Upon receipt of evidence of approval by the State of Illinois Department of Insurance of the form and content of the contract, a designation of a code number will be assigned to the insurance company's approved policy. Deductions will be authorized for only the approved policy.
6. The insurance company shall not solicit or conduct any business in University buildings or on University premises and will only contact the designated payroll officer in the conduct of the company's business with the University.
7. Deductions will not be made for any insurance policy which has fewer than twenty-five active participants on the University payrolls.
8. Each employee may be required to relinquish his right to participate in the University Group Insurance Contract providing the same type of insurance.
9. Failure to comply with any of these rules may result in the suspension of payroll deductions for the policy involved for a period not to exceed one year.
10. The insurance company must submit evidence at the time of initial filing and whenever requested thereafter that the majority of the policyholders under the approved policy are State employees.
11. The signed authorization cards must be submitted to the appropriate Payroll Office of the University of Illinois not later than thirty calendar days before the first of the month that the deduction is to become effective.

I concur.

On motion of Mr. Johnston, this recommendation was approved.

AUTHORIZATION OF EXECUTIVE COMMITTEE TO ACT ON REAL ESTATE MATTERS

(32) The University is in the process of negotiating for the acquisition of various parcels of real estate needed for educational purposes. The Director of the Physical Plant and the Vice-President and Comptroller state that the necessity for action on some property acquisitions may become urgent and not capable of postponement to the next regular meeting of the Board in September.

They recommend that, pursuant to Article IV, Section 3, of the By-Laws, the Board of Trustees authorize the Executive Committee of the Board to take action at any time prior to the next regular meeting of the Board of Trustees on matters relating to the lease, sale, purchase, or other acquisition by or for the University of real estate in Champaign, Urbana, or Chicago, Illinois, including authority to exercise the right of eminent domain and to institute condemnation proceedings, and including authority to request action by the Illinois Building Authority pursuant to its lease dated March 20, 1965, with the University.

I concur.

On motion of Mr. Hughes, the Executive Committee was authorized to act for the Board on the matters of business as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

PURCHASES

(33) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller; also a list of purchases authorized by the President's Office.

The list of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

<i>From Appropriated Funds</i>	
Purchases Recommended	\$1 156 061 87
<i>From Institutional Funds</i>	
Purchases Authorized	50 460 41
Purchases Recommended	575 573 05
	\$ 626 033 46
<i>Grand Total</i>	\$1 782 095 33

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is filed with the Secretary of the Board for record.

On motion of Mr. Johnston, the purchases authorized by the President were approved, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(34) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary of the Board.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(35) The Comptroller's report of contracts executed during the period June 1 to 30, 1966.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
American Oil Company	Effect of non-phototoxic oils as additives to herbicide solutions	\$ 1 000 00
Flossmoor Park District	Appraisal of park and recreation areas, facilities, and services in Flossmoor	2 000 00
Geigy Agricultural Chemicals	Geigy insecticides on Illinois field, forage, and vegetable crops	1 000 00
Illinois Archeological Survey	Preliminary site examination at Cahokia	21 868 00
Indiana State Library	Library statistics and state agencies	3 106 00
Metropolitan Planning Department, Marion County, Indiana	Design potential study of the core area of Indianapolis	8 700 00
State of Illinois Cities and Villages Municipal Problems Commission	Analysis of problems concerning municipal revenues, tax levies, and expenditure of motor fuel tax funds	10 000 00
Superintendent of Public Instruction	Education of gifted children	9 881 00
Stauffer Chemical Company	Stauffer insecticides on Illinois field crops	500 00
Union Carbide Corporation	Control of insect pest with Union Carbide insecticides	750 00
United States Air Force		
AF-AFOSR-931-66	Research in system theory	51 600 00
AF-AFOSR-1147-66	Gas laser studies in 100 to 1000 micron range	43 163 00
AF-AFOSR-1161-66	Social and psychological aspects of stress	30 966 00
United States Army	Atmospheric electricity and cloud modification	48 800 00
DA 28-043 AMC-02376(E)		
United States Atomic Energy Commission		
AT (11-1)-1601	Mobilization of radioactive emitters from bone	52 239 00
AT (11-1)-1628	Immunologic recognition and immunologic memory	22 208 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Department of Agriculture 12-14-100-8319(71)	Mechanism of homogeneous catalysis by organo-metallic complexes for the selective hydrogenation and isomerization of soybean oil	\$ 97 282 00
United States Department of Commerce CPR-11-4204	Optimum values of the significant parameters that govern the fatigue behavior of thin-web girders	60 000 00
United States Department of Health, Education, and Welfare Ill 4-2103	Construction of a new Architecture and Art Laboratories building for the Chicago Circle Campus	250 000 00
Ill 4-2104	Construction of a new Science and Engineering Staff Office Building at the Chicago Circle Campus	1 000 000 00
Ill 4-2107	Construction of two new general classroom buildings for the Chicago Circle Campus	118 285 00
Ill 6-0574	Foreign language, English, and campus-wide general use at Chicago Circle	64 703 00
Ill 7-0098	Campus-wide CCTV at Chicago	14 566 00
OEC 3-6-000063-0968	Russian Language and Area Center	67 108 00
OEC 3-6-000066-1195	Language and Area Center for Latin America	37 000 00
OEC 3-6-058375-0612	Associated norms for use in verbal learning experimentation	8 988 00
OEG 3-6-061538-0950	Summer institute for teachers of ornamental horticulture	36 509 00
OEG 3-061928-1558	The blind learning aptitude test	26 556 00
OEG 3-6-062063-1559	Education of behaviorally disordered children in the public school setting	82 230 00
OE-6-12-003	NDEA institute for advanced study in counseling and guidance	283 597 00
OE-6-42-020	NDEA institute for advanced study for teachers of disadvantaged youth	81 123 00
OE-6-44-030	NDEA institute for advanced study in history	74 401 00
OE-6-46-029	NDEA institute for advanced study in English (to October 31, 1966)	70 829 00
OE-6-46-030	NDEA institute for advanced study in English (to April 7, 1967)	81 564 00
PH 108-66-107	Center for continuing education	234 113 00
United States Navy NObs-94232	Determine effects of internal, weld defects on fatigue behavior on HY-130/150 steel	62 500 00
N00014-66-C0010-A04	Radio frequency spectroscopy	30 000 00
N0022866C0311	Nuclear radiation shielding by ribbed slabs	30 000 00
United States Office of Water Resources Research 14-01-0001-907	Water Resources Center	87 500 00
14-01-0001-1012	Hydraulic geometry of Illinois streams	39 975 00
14-01-0001-1013	Probabilistic analysis of wastewater treatment and disposal system	9 500 00
14-01-0001-1014	Intergovernmental relationships in the administration of water resources	24 800 00
14-01-0001-1015	Statistical porous media hydrodynamics	8 870 00
<i>Total</i>		<u>\$3 289 780 00</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Brunkow Electric Company	Cost-plus contract — electrical work	Engineering Hall, Electrical Engineering Research Laboratory
		\$ 13 900 00

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Byron Larson	901 West California Avenue and 902 W. Illinois Street (June 16, 1966, to June 15, 1967)	\$ 3 150 00
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
National Boulevard Bank of Chicago	841 E. Sixty-third Street, Chicago (June 1, 1966, to June 30, 1967)	\$ 2 600 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Continental Savings and Loan Association	1642 West Forty-seventh Street, Chicago (July 1, 1966, to June 30, 1967)	\$ 3 000 00
<i>Total</i>		<hr/> \$ 5 600 00

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Agricultural Chemicals Division, Shell Chemical Corporation	Insect control evaluations	\$ 2 500 00
American Iron and Steel Institute	Fracture toughness of high strength structural steels	25 000 00
	Corrosion control of structural steels with anodic inhibition	12 500 00
Chevron Chemical Company	Effect of Diquat and Paraquat on rooted emergent and marginal aquatic plants	2 500 00
Hoffman-LaRoche, Inc.	Effect of sulfonamides on the nutrition of the non-ruminant	4 000 00
Illinois Department of Conservation	Wildlife research studies	108 670 00
National Aeronautics and Space Administration NSG-228	Radiation effects in semiconductors	40 000 00
NSG-376	Underlying processes and techniques of low pressure measurement	108 419 00
National Lime Association	Earth roads	25 039 00
Research Council on Riveted and Bolted Structural Joints of the Engineering Foundation	Behavior of riveted and bolted structural joints	18 000 00
United States Army DA-31-124-ARO-D-288	Exploratory research in mathematics	51 861 00
DA-49-193-MD-2410	Transmission of upper respiratory infections to volunteers under controlled conditions	30 000 00
OCD-PS-65-109	Courses in Civil Defense	76 486 00
United States Atomic Energy Commission AT(11-1)-890	Mechanism of radiation-induced addition of tritium to carbon-carbon double bonds	16 000 00
AT(11-1)-891	Chemical reactions of energetic atoms produced by nuclear recoil or by heterogeneous flash photolysis	8 939 00
AT(11-1)-903	Genetics/isotopic studies using the microbial degradation of terpenoid compounds	10 000 00
AT(11-1)-1195	Elementary particle interactions in the high energy regions	85 000 00
AT(11-1)-1282	Radioisotopic studies of reticuloendothelial phagocytosis in relation to normal and neoplastic growth and to immune phenomena	13 000 00
AT(11-1)-1484	Endocrine metabolism in domestic animals	13 500 00
AT(11-1)-1502	Photosynthetic processes in cells and model systems	49 000 00
United States Navy NBy-24976	Welding procedures including preheating and stress relieving	15 000 00
<i>Total</i>		<hr/> \$715 414 00

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
R. H. Bishop Company	Cost-plus contract — air conditioning	Library, Gregory Hall \$ 3 483 00
Downtown Electric	Cost-plus contract — electrical work	Highway Materials Research Laboratory 4 350 00
Dean Evans Company	Cost-plus contract — general work (four items, \$3,200 to \$15,470)	Service Building, Observatory Addition, Stadium Terrace area, Woodshop and Foundry Laboratory 39 070 00
Fries Walters Company	Cost-plus contract — electrical work (two items, \$2,657 and \$5,137)	Illinois Eye and Ear Infirmary, East Dentistry-Medicine-Pharmacy Building 7 794 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
H. S. Kaiser Company	Cost-plus contract — ventilating work	East Dentistry-Medicine-Pharmacy Building \$ 3 120 00
Gerhardt F. Meyne Company	Cost-plus contract — general work (four items, \$3,839 to \$12,747)	East Dentistry-Medicine-Pharmacy Building, Illinois Eye and Ear Infirmary 31 918 00
Nu-Way Contracting Corporation	Cost-plus contract — heating work (two items, \$2,719 and \$4,994)	Illinois Eye and Ear Infirmary, East Dentistry-Medicine-Pharmacy Building 7 713 00
O'Callaghan Bros., Inc.	Cost-plus contract — plumbing work	East Dentistry-Medicine-Pharmacy Building 2 509 00
Reliable Plumbing and Heating Company	Cost-plus contract — heating and ventilating (four items, \$6,560 to \$8,000)	Mumford Hall, Central Food Service, Noyes Laboratory, Observatory Addition 28 313 00
<i>Total</i>		<u>\$128 270 00</u>

Summary

Amount to be paid to the University.....	\$4 008 344 00
Amount to be paid by the University.....	147 770 00

This report was received for record.

INVESTMENT REPORT Report of the Finance Committee

(36) The Finance Committee reported the following changes in investments of endowment funds for the month of May, 1966:

Miller

Sale

\$1 000 General Electric Credit Corporation demand note.....	\$ 1 000 00
43 shares Commonwealth Edison Company common stock.....	2 144 73

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of May, 1966:

Current Funds

FORD FOUNDATION GENERAL ENGINEERING

Purchase

\$15 000 U.S. Treasury bills due 10/6/66.....	\$ 14 746 88
5 000 U.S. Treasury bills due 4/30/67.....	4 782 14
25 000 U.S. Treasury 4 $\frac{7}{8}$ per cent notes due 8/15/67.....	25 007 81
25 000 U.S. Treasury 4 $\frac{7}{8}$ per cent notes due 11/15/67.....	25 000 00
25 000 U.S. Treasury 3 $\frac{3}{4}$ per cent bonds due 8/15/68.....	24 343 75
22 500 U.S. Treasury 4 per cent bonds due 2/15/69.....	21 965 63

RESTRICTED GROUP

Sale

\$1 000 000 Montgomery Ward Credit notes due 6/1/66.....	996 885 42
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Purchases

\$1 000 000 Commercial Credit notes due 6/15/66.....	996 565 97
1 000 000 Ford Motor Credit notes due 6/28/66.....	995 072 91
1 000 000 General Motors Acceptance Corporation notes due 6/28/66	995 072 91

Construction Funds

CHICAGO CIRCLE UNION (Chicago Circle)

Sale

\$50 000 U.S. Treasury bills due 5/12/66.....	49 936 39
24 000 U.S. Treasury bills due 6/9/66.....	23 897 88

FLORIDA AVENUE RESIDENCE HALLS

Purchase

\$293 000 U.S. Treasury bills due 6/16/66.....	292 244 55
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GRADUATE HOUSING

Purchase

\$107 000 U.S. Treasury bills due 7/14/66.....	\$106 353 72
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ILLINOIS STREET RESIDENCE HALLS

Sale

\$8 000 U.S. Treasury bills due 6/23/66.....	7 961 66
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MEDICAL CENTER UNION AND RESIDENCE HALL (Medical Center)

Sale

\$38 000 U.S. Treasury bills due 5/19/66.....	37 927 17
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Purchase

\$499 000 U.S. Treasury bills due 9/22/66.....	491 395 93
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ORCHARD DOWNS ADDITION

Sale

\$30 000 U.S. Treasury bills due 6/23/66.....	29 890 77
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This report was received for record.

**CONTRACT FOR ELECTRICAL ALTERATIONS
IN THE FORMER STEIN BUILDING**

(37) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$106,660 to Divane Bros. Electric Co., Chicago, the lowest bidder, for installation of lighting fixtures and receptacles in the former Stein Building at 1143 West Congress Parkway (to be designated as the Racine Avenue Building) at Chicago Circle, subject to completion of the transfer of title.

The work will include installation of lighting fixtures furnished by the University and the installation of receptacles and cabling in order to bring the lighting levels in this building to a satisfactory range for office and classroom use.

Funds are available from an appropriation from the General Reserve approved by the Board of Trustees on April 20, 1966.

I concur.

On motion of Mr. Williamson, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

**CONTRACTS FOR ALTERATIONS IN THE FORMER
CENTRAL NATIONAL BANK BUILDING**

(38) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for alterations in the former Central National Bank Building (to be designated as the Roosevelt Road Building) for the Department of Physical Education at Chicago Circle, the award in each case being to the lowest bidder.

General — Mutual Contracting Company, Chicago.....	\$32 728 00
Plumbing — Peter H. Smith Company, Chicago.....	19 287 00
Heating — Ashland Plumbing & Heating Company, Chicago.....	938 00
Ventilating — H. S. Kaiser Company, Chicago.....	4 900 00
Electrical — Midwest Interstate Electrical Construction Co., Chicago...	28 863 00
<i>Total</i>	\$86 716 00

The contracts provide for installation of locker and shower facilities, a basketball court, gymnastic area, and equipment storage, and the required lighting, plumbing, heating, and ventilation installations.

Funds are available from the University General Reserve and from the Athletic Activity Fund.

Submitted herewith is a report from the Physical Plant Department, including a schedule of all bids received, a copy of which is filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr.

Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

CHANGE IN CONTRACT FOR CONSTRUCTION OF KRANNERT CENTER FOR THE PERFORMING ARTS

(39) The Director of the Physical Plant and the Vice-President and Comptroller recommend a deduction of \$364,200 in the contract with Turner Construction Company, Chicago, for construction of Phase I of the Krannert Center for the Performing Arts. The change provides for the substitution of caisson type footings for spread concrete footings, a related change in the existing concrete sump pits, and a revision in the installation of electric metallic tubing in the concrete slabs and walls.

These changes are all savings which can be made in the construction without affecting structural conditions.

I concur.

On motion of Mr. Dilliard, this change in contract was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Swain.

REPORTS AND RECOMMENDATIONS FROM THE PRESIDENT OF THE BOARD

FUTURE BOARD MEETINGS

President Clement called attention to the schedule of the meetings of the Board of Trustees during the remainder of the calendar year: September 21, Urbana; October 13, Chicago; November 10, Urbana; and December 8, place to be determined by the President of the Board.

RESOLUTIONS FROM THE STUDENT SENATE AT URBANA AND THE STUDENT GOVERNMENT AT CHICAGO CIRCLE

Members of the Board of Trustees have received a communication and resolution from the Student Senate at Urbana, transmitted through the Secretary of the Board, relating to the Clabaugh Act. At today's meeting the President of the Student Senate at Urbana delivered to the Secretary a resolution from the Student Government of the Chicago Circle on the same subject, and requested that it also be brought to the Board's attention.

With the concurrence of the Trustees, President Clement referred both resolutions to the Committee on General Policy for consideration along with other communications on the same subject previously received. Copies of the two resolutions were also filed with the Secretary of the Board.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee submitted the following report and minutes of its meeting on July 8, 1966.

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, La Salle Hotel, Chicago, Illinois, on Friday, July 8, 1966, beginning at 11:00 a.m.

The following, constituting all members of the Committee, were present: Mr. Howard W. Clement, Chairman, Mr. Wayne A. Johnston, and Mrs. Frances B. Watkins; and another member of the Board of Trustees, Mr. Kenney E. Williamson.

Also present were: Executive Vice-President and Provost Lyle H. Lanier; Vice-President and Comptroller H. O. Farber; Vice-President Joseph S. Begando, Medical Center; Mr. Charles S. Havens, Director of the Physical Plant; Mr. V. L. Kretschmer, Associate Director of the Physical Plant; Mr. James J. Costello,

Legal Counsel; Mr. Grover E. Shipton, Associate Director of Public Information, Chicago Circle; Mr. James C. Colvin, Executive Director of the University of Illinois Foundation; and Mr. A. J. Janata, Secretary of the Board of Trustees.

The Committee considered the following recommendations presented on behalf of the President of the University by the Executive Vice-President and Provost and other University officials.

**CONTRACTS FOR CONSTRUCTION OF PHASE I OF THE
KRANNERT CENTER FOR THE PERFORMING ARTS**

(1) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for the construction of Phase I of the Krannert Center for the Performing Arts, the award in each case being to the lowest bidder.

General—Turner Construction Company, Chicago, Illinois.....	\$2 796 000 00
Plumbing—Healy Plumbing and Heating Company, St. Paul, Minnesota.....	256 500 00
Electrical—G. L. Wilsky, an individual doing business as Down- town Electric, Urbana, Illinois.....	40 325 00

It is further recommended that the contracts for the plumbing and electrical work be assigned to the contractor for the general work making the total of his contract \$3,100,325; and it is further recommended that agreement be entered into with the Turner Construction Company for the assignment of the electrical and the plumbing contracts for \$7,500, which amount is included in the contract price being the amount bid by that Company for service charge for supervision of other contracts by the general contractor.

Funds for this project are available in the amount of \$2,400,000 in the state capital appropriations for 1965-67, subject to release by the Governor, and the balance of \$700,325 to be provided by the University of Illinois Foundation.

A report from the Physical Plant Department, including a schedule of bids received, is submitted herewith and a copy is filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**UNIVERSITY OF ILLINOIS FOUNDATION PARTICIPATION
IN KRANNERT CENTER FOR THE PERFORMING ARTS**

(2) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University of Illinois Foundation be requested to assist and participate in the financing and construction of Phases I and II of the Krannert Center for the Performing Arts at the Urbana-Champaign Campus by providing funds for the construction of Phase I to the extent that the construction cost thereof exceeds \$2,400,000 and by arranging for the construction of Phase II in accordance with plans and specifications prepared by Harrison and Abramovitz dated April 5, 1966, and identified as "Krannert Center for the Performing Arts, University of Illinois, Urbana, Illinois, Specifications for Entire Construction—Phase II." It is further recommended that the Foundation be requested to borrow funds for such purposes.

Authority is also requested to lease the site for the Center to the Foundation for a period of thirty years and to take a lease of the property back to the University for biennial periods at a rental of \$144,500 for the quarter ending September 30, 1966, and \$184,500 for each quarter thereafter with the option to renew through June 30, 1976, said lease back to provide an option in the University to purchase the improvements thereon at a price equal to the then outstanding principal and accrued interest on the obligation incurred by the Foundation to finance the project.

Additionally, authority is requested to assign to the Foundation the following contracts previously authorized by the Board of Trustees upon the Foundation's undertaking to reimburse the University for all payments made thereunder to date and for other expenses incurred by the University on this project:

Harrison and Abramovitz, New York, for complete architectural services
McKee-Berger-Mansueto, Chicago and New York, for professional estimating services

I concur and recommend adoption of the following resolution.

Resolution

Krannert Center for the Performing Arts

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized for and in the name of, and on behalf of, this public corporation:

(1) to sign, execute and deliver an agreement with and to University of Illinois Foundation, a not for profit corporation of the State of Illinois, hereinafter referred to as "Foundation", which agreement shall provide that this public corporation will lease certain hereinafter described property owned by it in Urbana, Illinois to Foundation; that Foundation will borrow money for the purpose of constructing, and will construct, on said property buildings and facilities for use as a Krannert Center for the Performing Arts; that this corporation will enter into contracts providing for the construction of Phase I of the Krannert Center for the Performing Arts and will utilize funds available to this corporation to the extent of Two Million Four Hundred Thousand Dollars (\$2,400,000.00) to pay for such construction, that Foundation will make available to this corporation funds sufficient to pay the balance of the cost of construction of Phase I of the Krannert Center for the Performing Arts; that Foundation will enter into contracts for and pay the cost of constructing Phase II of the Krannert Center for the Performing Arts pursuant to the plans and specifications therefor as now on file in the office of the University Architect of this public corporation; that Foundation will sublease said premises, including the buildings and facilities to be constructed thereon, to this public corporation at a rental and upon the terms and conditions hereinafter set forth; and that upon completion of the repayment of said indebtedness title to said property, including all improvements and facilities thereon, shall be vested in this public corporation;

(2) to enter into a lease with Foundation providing for the leasing by this public corporation to Foundation of the following described property, viz:

A tract of land bounded on the North by Illinois Street; on the East by Gregory Place; on the South by Oregon Street; and on the West by Goodwin Avenue; in the City of Urbana, in the County of Champaign, and State of Illinois;

for a term of thirty years commencing on the first day of August A.D. 1966 and extending to and including the 31st day of July A.D. 1996, or until the indebtedness incurred by Foundation in connection with the construction and equipping of said buildings and facilities has been paid and liquidated, whichever shall first occur; in consideration of Foundation's constructing thereon buildings and facilities for use as a Krannert Center for the Performing Arts pursuant to plans and specifications therefor as now on file in the office of the University Architect of this public corporation and for which bids have been received, and in consideration of Foundation's reimbursing this public corporation for architectural, engineering and estimating fees incurred in connection with said construction and the plans and specifications therefor, and in consideration of Foundation's subleasing said premises and the buildings and facilities to be constructed thereon to this public corporation upon the terms and conditions hereinafter set forth; and providing further than in the event this public corporation should become in default under the terms of said sublease or fail to exercise any option for renewal of the term of said sublease under the terms and conditions therein set forth that thereupon Foundation shall have the full and unrestricted right to the use and possession of said premises and the buildings and facilities thereon for the remainder of the original term of said lease and the right to assign said lease or sublet said premises with the buildings and facilities thereon to others for the remainder of the original thirty year term of said lease;

(3) to enter into a sublease agreement with Foundation providing for the subleasing by Foundation to this public corporation of said premises including the buildings and facilities to be constructed thereon, under which sublease this public corporation will agree to pay a Basic Rental payable in quarter annual installments in the amount of Sixty-Four Thousand Five Hundred Dollars (\$64,500.00); and an Additional Rental payable quarter annually in an amount sufficient to enable the Foundation to pay all costs and expense incurred by Foundation in connection with the operation and maintenance of the Krannert Center for the Performing Arts plus a sum equivalent to all current interest installment payments becoming due and

required to be paid by Foundation during the term of said sublease on Foundation's indebtedness incurred in connection with the construction of said buildings and facilities and which interest installment payments on said loan it is contemplated will be payable in forty quarterly installments due and payable on or before the last day of September, December, March and June in each year, but upon which Additional Rental University shall have the right to take credit for interest earned by Foundation on construction funds during the construction period (provided that the cumulative total of such credits shall not exceed the total of such interest), and a Deficiency Rental equal to any shortages in scheduled Krannert gifts, payable in eight quarterly installments beginning with the first quarter of the biennium subsequent to the term or any renewal term of the sublease in which such deficiency in Krannert gifts occurred; said sublease to run from the date of the closing of Foundation's permanent loan secured for the financing of said improvements and extend to June 30 of the first subsequent odd-numbered year thereafter; and which sublease shall contain options giving to this public corporation the right to renew said sublease for successive two year periods from July 1 of each odd-numbered year to June 30 of the next succeeding odd-numbered year by giving written notice to Foundation between the first and fifteenth day of July in each year when such renewal is to be made, to and including June 30, 1976, or until said sublease is finally terminated by the payment, and liquidation of the above mentioned indebtedness, whichever shall first occur; and which sublease shall provide that this corporation subject to the availability of funds which may lawfully be applied to the payment of such rental will exercise said options for renewal for such biennial periods;

(4) to commit this public corporation to act as agent for Foundation in the supervision of construction and administration of contracts therefor and change orders thereto, and the administration and service of said indebtedness, and in making payments of and disbursements from and of funds made available by the creditor of Foundation for the purpose of said construction and acquisition of facilities; and

(5) to commit this corporation to hold all monies, instruments, accounts, securities or other property, and the income from investments thereof, which it now has or may hereafter receive or become entitled to from any person or entity for the use of the Krannert Center for the Performing Arts for and devoted to such purpose; and

(6) to sign, execute, and acknowledge and deliver any and all other documents and instruments deemed necessary or desirable by said Comptroller and said Secretary to accomplish the purposes herein set forth.

The Secretary of the Board and Clerk of the Committee reported that a majority of the members of the Board have individually, in writing, authorized the Executive Committee to act for the Board in this matter.

On motion of Mrs. Watkins, the recommendations were approved, authorization was given as requested, and the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**CONTRACTS FOR EXTENSION OF STEAM SERVICE
TO COORDINATED SCIENCE LABORATORY**

(3) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for extension of steam service to the Coordinated Science Laboratory, the award in each case being to the lowest bidder.

Division AA, Underground Piping and Thermal Insulation Work—	
M. J. Holleran, Inc., Chicago, Illinois.....	\$21 902 00
Division BB, Extension of Underground Steam Tunnel— JDP Associates, Inc., Terre Haute, Indiana.....	
	29 500 00

Funds are available in state capital appropriations to the University for 1965-67 and have been released.

A report from the Physical Plant Department, including a schedule of bids received, is submitted herewith, and a copy is filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**CONTRACT FOR STREET LIGHTING IMPROVEMENTS
ON GREGORY DRIVE**

(4) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$33,115.43 to the Champaign Asphalt Company, Champaign, Illinois, the lowest bidder, for street lighting improvements on Gregory Drive from Fourth Street to Allen Hall.

Funds are available in state capital appropriations to the University for 1965-67 and have been released.

I concur.

On motion of Mr. Johnston, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**CONTRACTS FOR CONSTRUCTION OF EMERGENCY EXITS
IN ILLINI UNION BUILDING**

(5) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of cost-plus contracts for the construction of emergency exits in the Ballroom of the Illini Union to the following lowest bidders.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payment</i>
General Work— Dean Evans Co., Champaign.....	10	31	10	\$4 930 00
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems Work — Cool-Rite Refrigeration, Urbana.....	25	30	10	1 275 00

The estimated cost of the work, including contractors' fees is \$40,000.

Funds are available in Illini Union Reserves.

Submitted herewith is a report from the Physical Plant Department, including schedules of bids received, a copy of which is filed with the Secretary of the Board for record.

I concur.

On motion Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

ADDITIONAL FACILITIES FOR COLLEGE OF VETERINARY MEDICINE

(6) Funds for construction of a Small Animal Clinic and Hospital were included in the 1963-65 capital budget and it was assumed that this project would be completed in the fall of 1965. The bids on this project were recently rejected because they exceeded the funds available by approximately \$850,000. The deficiency is being included in the building program and request for state capital appropriations for 1967-69, and, if approved, construction should start in the summer of 1967 with completion in 1969.

When the funds for this project were included in the 1963-65 capital program, the College accepted larger enrollments in 1964 in anticipation of the increased facilities being available this fall. As a result of the delays in construction, there will be serious problems in accommodating classes in Clinical Medicine. The College staff has studied the alternatives and has concluded that its problems can be alleviated to a certain extent by minor remodeling which would include the addition of a temporary 34 feet by 30 feet concrete unit at the Veterinary Research Farm and the construction of twelve supplementary box stalls for large animals. The total project would consist of 3,468 square feet and the estimated cost is \$67,260. This addition would satisfy the College's minimal teaching demands in the large animal clinical area until Phase II of the Clinics and Hospital can be completed.

The only way this project can be completed within the above time limits is to

have the work performed by the Physical Plant Department's Operation Maintenance Division, and it is, therefore, recommended that the work be done by the University.

A special appropriation of \$67,260 from the General Reserve is required.
I concur.

On motion of Mrs. Watkins, this recommendation was approved and the requested assignment of funds was made by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**ACQUISITION OF PROPERTY AT 1111 WEST
OREGON STREET, URBANA**

(7) The Board of Trustees authorized the acquisition of the property at 1111 West Oregon Street, Urbana, by eminent domain and condemnation proceedings and further authorized the settlement of the condemnation suit if such settlement can be effected at a price that is within appraisals received by the University. After condemnation proceedings were instituted, the defendants agreed to settle for a price of \$62,000, which is within appraisals received by the University.

A Judgment Order of the Circuit Court was entered which provides for the vesting of title to the property in The Board of Trustees of the University of Illinois upon payment of the Court's award of \$62,000 as being a fair consideration for the property.

It is recommended that the Board of Trustees now convey title to the property to the University of Illinois Foundation and that the following resolution be adopted to implement this transfer.

**Resolution Regarding Ostema Property Located at
1111 West Oregon Street, Urbana, Illinois**

WHEREAS the Judgment Order of the Circuit Court of the Sixth Judicial District, Champaign County, Illinois, entered in, the condemnation case entitled "The Board of Trustees of the University of Illinois, a public corporation, Petitioner, vs. Lawrence William Ostema and Dorothy E. Ostema, et al., Defendants" No. 65-L-604, under date of June 30, 1966, provides that upon payment to the County Treasurer of Champaign County, Illinois, of the amount of the award in the sum of Sixty-two Thousand Dollars (\$62,000.00) title to the Ostema Property hereinafter described shall vest in this public corporation; and

WHEREAS this public corporation desires that the University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, pay the amount of said award in accordance with the terms of the Judgment Order and, upon title to said Ostema Property being conveyed by this public corporation to University of Illinois Foundation, to lease said Ostema Property to this public corporation and under the terms of which lease this public corporation shall be granted an option to purchase said Ostema Property.

Now, Therefore, Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that upon payment of said award in accordance with the terms of said Judgment Order by the University of Illinois Foundation, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver, in the name, and in behalf of, this public corporation and under its Corporate Seal, a Warranty Deed, and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to University of Illinois Foundation title to the property hereinabove referred to as Ostema Property and described as follows, viz:

Lot Twenty-two (22) in University Addition to the City of Urbana, situated in the City of Urbana, in the County of Champaign and State of Illinois.

The Secretary of the Board and Clerk of the Committee reported that a majority of the members of the Board have individually, in writing, authorized the Executive Committee to act for the Board in this matter.

On motion of Mrs. Watkins, the recommendation was approved, and the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

PARKING PROGRAM FOR MEDICAL CENTER CAMPUS

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University of Illinois Foundation be requested to assist and participate in the expansion of parking facilities at the Medical Center Campus. Bids for Phase I of the Parking Program at the Medical Center Campus totalling \$205,093 have been received and are for the construction of three new parking lots to be designated as Lots E-West, F-1 South, and G-3. The bid documents permit the bids to be assigned to the Foundation.

It is recommended that the bids for Phase I be assigned to the Foundation and that the Foundation be requested to borrow funds and construct the facilities. It is further recommended that Parking Lots designated as A-1, B-2, C-1, C-3, D-1, D-3, E-West, F-1 North, F-1 South, G-3, and N at the Medical Center Campus be leased to the Foundation for a period of thirty years and that the Foundation be requested to lease the lots back to the University at an annual rental of \$34,000, which will be paid from parking fees. The term of the initial lease back to the University will end June 30, 1967, and may be renewed by the University for biennial periods. When the rental paid equals the Foundation's indebtedness and interest, financing, and other costs, the lease and lease back will terminate.

Approval of the Illinois Board of Higher Education is required and has been requested.

I concur and recommend adoption of the following resolution.

Resolution

Be It, and It Hereby Is, Resolved by the Executive Committee of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized for and in the name of, and on behalf of, this public corporation:

(1) to sign, execute, and deliver an agreement with and to University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, hereinafter referred to as "Foundation", which agreement shall provide that this public corporation will lease the hereinafter described property owned by it in Chicago, Illinois, to Foundation; that Foundation will borrow money for the purpose of constructing, and will construct, on said property, certain parking lot facilities; that Foundation will sublease said premises to this public corporation at an annual rental of \$34,000.00, which amount when paid for a period of ten (10) years will be sufficient to pay Foundation's indebtedness incurred in connection with the construction of said parking lot facilities and the interest and other expenses thereon; and that upon completion of the repayment of said indebtedness from said rentals Foundation shall release to this public corporation all rights, title and interest in and to said premises, and title to said property so improved shall be vested in this public corporation free of said lease and sublease;

(2) to enter into a lease with Foundation providing for the leasing by this public corporation to Foundation of the parking lots designated as A-1, B-2, C-1, C-3, D-1, D-3, E-West, F-1, G-3 and N at the Medical Center Campus, for a term of thirty (30) years commencing the 16th day of July, A.D. 1966 and extending to and including the 15th day of July, A.D. 1996, or until the indebtedness incurred by Foundation in connection with the construction of said parking lot facilities has been paid and liquidated, whichever shall first occur; in consideration of Foundation's constructing thereon parking lot facilities pursuant to and in accordance with plans and specifications therefor as now on file in the Office of the University Architect of this public corporation and for which bids have been received as hereinafter set forth, and of Foundation's subleasing said premises and facilities to this public corporation upon the terms and conditions hereinafter set forth; and providing further that in the event this public corporation should become in default under the terms of said sublease or fail to exercise any option for renewal of the term of said sublease under the terms and conditions therein set forth that thereupon Foundation shall have the full and unrestricted right to the use and possession of said premises and the facilities thereon for the remainder of the original term of said lease and the right to assign said lease or sublet said premises and facilities thereon to others for the remainder of the original 30-year term of said lease;

(3) to enter into a sublease agreement with Foundation providing for subleasing by Foundation to this public corporation of said premises including the facilities thereon, under which sublease this public corporation will agree to pay an annual

rental in the amount of \$34,000.00; said sublease to run from the date of the closing of Foundation's permanent loan secured for the financing of said improvements and to extend to June 30 of the first subsequent odd-numbered year thereafter; and which sublease shall contain options giving to this public corporation the right to renew said sublease for successive two-year periods from July 1 of each odd-numbered year to June 30 of the next succeeding odd-numbered year by giving written notice to Foundation between the first and fifteenth day of July in each year when such renewal is to be made, until said sublease is finally terminated by the payment and liquidation of the above-mentioned indebtedness;

(4) to commit this public corporation to act as agent for Foundation in the supervision of construction and administration of contracts therefor and change orders thereto, and the administration and service of said indebtedness, and in making payments of and disbursements from and of funds made available by the creditor of Foundation for the purpose of said construction of facilities; and

(5) to sign, execute, acknowledge and deliver any and all other documents and instruments deemed necessary or desirable by said Comptroller and said Secretary to accomplish the purpose herein set forth.

Be It, and It Hereby Is, Further Resolved by the Executive Committee of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the bids received on June 30, 1966, for the construction of Parking Program East of Hermitage Street — Phase I, and all rights thereunder, including but not limited to, the right to contract with the bidder, a copy of a schedule of which bids has been filed with the Secretary of the Board of Trustees for record, be and they hereby are assigned to Foundation; and the Executive Committee recommends to The Board of Directors of University of Illinois Foundation that contracts for construction of Parking Program East of Hermitage Street — Phase I be awarded by Foundation as follows:

General — Bigane Oil Company, Chicago.....	\$135 780 00
Electrical — Midwest Interstate Electrical Construction Company, Chicago.....	57 663 00
Plumbing — J. P. Hopkin's Sewer Contractor, Chicago.....	11 650 00
<i>Total</i>	<u>\$205 093 00</u>

The Secretary of the Board and Clerk of the Committee reported that a majority of the members of the Board have individually, in writing, authorized the Executive Committee to act for the Board in this matter.

On motion of Mr. Johnston, the recommendation was approved, and the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

(Secretary's Note — Phase I will include these areas: the west half of the block bounded by Hermitage Avenue on the west, Taylor Street on the south, Paulina on the east, and Polk Street on the north, bisected by the Chicago Transit Authority Elevated Railroad; the south half of the block bounded by Paulina on the west, Taylor on the south, Marshfield Avenue on the east, and Polk Street on the north; the southwest one-quarter of the block bounded by Marshfield on the west, Taylor on the south, Ashland Avenue on the east, and Polk Street on the north.)

(Phase II, which is scheduled for construction next year, is the east half of the block bounded by Hermitage, Taylor, Paulina, and Polk, east of the elevated tracks.)

The business of the Executive Committee having been concluded, on motion of Mr. Johnston, the Committee adjourned.

The Executive Committee of
The Board of Trustees
of the University of Illinois
WAYNE A. JOHNSTON
FRANCES B. WATKINS
HOWARD W. CLEMENT, *Chairman*

A. J. JANATA
Secretary and Clerk

ELECTION OF THE SECRETARY OF THE BOARD

The Office of Secretary of the Board of Trustees will become vacant on September 1, 1966, due to the resignation from that post of Mr. A. J. Janata, in connection with his retirement from active University service. President Clement asked the pleasure of the Board regarding the election of a successor.

Mr. Dilliard nominated Mr. Earl W. Porter.

There being no other nominations, on motion of Mr. Williamson, the nominations were closed, and Mr. Porter was elected Secretary of the Board of Trustees, to serve from September 1, 1966, until the next annual meeting of the Board in March, 1967.

DELEGATION OF SIGNATURES

The Secretary presented the following report:

At each annual meeting the Board adopts a resolution authorizing the President and Secretary to delegate the signing of their names, as officers of the Board, to vouchers to be presented to the Auditor of Public Accounts and to warrants drawn on the Treasurer of the University, to certain designated administrative personnel.

Because of changes in personnel, including the Secretary of the Board, the resolution adopted by the Board at its annual meeting on March 16, 1966, should be amended and a new resolution is submitted herewith for adoption to become effective September 1, 1966.

In addition to the change in the office of Secretary, the names of Romaine C. Wicklund at Urbana-Champaign and of H. W. Bailey at Chicago Circle are added to, and the names of Earl W. Porter at Urbana-Champaign and of H. E. Temmer at Chicago Circle are deleted from, the list of personnel who are authorized to sign the name of the Secretary of the Board to vouchers and warrants. Mr. Wicklund is being appointed Staff Associate in the Board of Trustees Office and Assistant Secretary of the University. Mr. Temmer, who is Director of Admissions and Records at Chicago Circle, is leaving the University at the end of the current academic year, having accepted a position at Los Angeles State College in California.

On motion of Mr. Johnston, the following resolution was adopted without dissent.

Delegation of Signatures

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 Auditor of Public Accounts, 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 Lyle M. Dahlenburg, C. O. Parvin, E. M. Snyder, in Urbana; James E. Osborn, David W. Bonham, Walter E. Cowart, R. E. Porter, H. O. Albers, A. W. Catrambone, in Chicago; and to Edward F. Lis, Helen Culbertson, in Springfield, authority to sign his name as President of the Board of Trustees to vouchers against the Auditor of Public Accounts; and to C. C. DeLong, R. W. Zimmer, R. F. Wood, in Urbana; and to James E. Osborn, David W. Bonham, Walter E. Cowart, R. E. Porter, H. O. Albers, A. W. Catrambone, 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 Romaine C. Wicklund, George H. Bargh, Virginia J. Hendrix, in Urbana; and to G. R. Moon, Anthony J. Diekema, Velma M. Davis, H. W. Bailey, Kirker Smith, in Chicago, authority to sign his name as Secretary of the Board of Trustees to vouchers

against the Auditor of Public Accounts 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 also authorized to delegate to Lean C. Ryan, Addalein C. Hawk, in Springfield, authority to sign his name as Secretary of the Board of Trustees on vouchers against the Auditor of Public Accounts approved in accordance with the regulations of the Board.

These authorizations are to continue in effect until the Auditor of Public Accounts has been supplied with specimen signatures of succeeding officers of this Board. And be it further

Resolved, that the First National Bank of Chicago as a designated depository of R. R. Manchester, 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 hearing or purporting to bear the facsimile signatures of the two following: Howard W. Clement, President; and Earl W. Porter, 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.

STATEMENT BY MR. IRVING DILLIARD

Mr. Dilliard asked for the floor to present the following statement.

MR. PRESIDENT:

Prior to the next scheduled meeting of this Board, Dr. David D. Henry will have begun, on September 1, his twelfth year as President of the University of Illinois. Of the dozen presidents of the University only three have served longer tenures than the eleven years Dr. Henry achieves next month. These were John Milton Gregory, thirteen years, Edmund Janes James, sixteen years, and Arthur Cutts Willard, twelve years.

No one has served in periods of greater problems and pressures.

Notable also is the fact that Dr. Henry's tenure is already *twice* the current average tenure of presidents of colleges and universities in the United States. For the University's President to have been able to accomplish this record of extended service during a time when the total enrollment of the divisions of the University of Illinois has grown to more than 40,000, not counting summer session students, is in itself a measure of his abilities and talents. Adding in the summer session student enrollments reported to the Trustees today, the total annual enrollment in the University of Illinois now exceeds 50,000.

Mr. President, I move that this statement appear in the minutes of our meeting today to record congratulations to President Henry and the administrative staff from the Board of Trustees.

Mr. Dilliard's motion was adopted unanimously, and his statement was received for the record.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations, declinations, and cancellations; leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

- (The date in parentheses is the date on which the appointment was approved by the President of the University. C = College; S = Station; E = Extension.)
- ALEX, ANOAR, Visiting Lecturer in Portuguese (Urbana), academic year 1966-67, \$9,000 (5-26-66).
- AISTARS, AIVARS, Assistant Catalog Librarian with rank of Instructor (Chicago Circle), August 1, 1966-August 31, 1967, \$8,000 a year (6-23-66).
- ANDERSON, ALVIN T., Project Director, Neighborhood Youth Corps, Cooperative Extension Service in Agriculture and Home Economics (Urbana), $\frac{3}{4}$ time, three months from June 1, 1966, \$8,100 a year, supersedes (6-17-66).
- ANDERSON, TRUMAN O., Coordinator of Independent Study Program, $\frac{7}{10}$ time, and Assistant Professor of Medicine and of Microbiology, $\frac{3}{10}$ time, July 1, 1966-August 31, 1967, \$17,500 a year, supersedes (6-17-66).
- ARORA, OM P., Research Associate in Metallurgy (C) (Urbana), two months from June 1, 1966, \$666.67 a month (7-5-66).
- ASH, CAROL, Instructor in Mathematics (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,300 (6-13-66).
- BACHMAN, JAMES R., Instructor in History (Chicago Circle), $\frac{3}{4}$ time, spring quarter of 1966, \$4,500 a year, supersedes (6-23-66).
- BAILEY, JAMES A., Research Associate in the State Natural History Survey and in the Graduate College (Urbana), one year from July 1, 1966, \$8,820, supersedes (6-27-66).
- BASSEL, MRS. ALIX, Research Associate in Microbiology (Urbana), two months from June 16, 1966, \$1,555.56 (6-17-66).
- BATEMAN, FELICE D., Assistant Professor of Mathematics (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$6,250 (6-23-66).
- BECKHAM, RALPH S., Instructor in English (Urbana), academic year 1966-67, \$7,500 (6-17-66).
- BECKLEY, BEATRICE B., Visiting Lecturer in Elementary Education (Urbana), two months from June 16, 1966, \$1,800 (5-26-66).
- BETTS, MADELEINE E., Lecturer in French (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$1,600, supersedes (6-15-66).
- BLONDEAU, JOHN P., Research Programmer in Computer Science (Urbana), July 1, 1966-August 31, 1967, \$11,000 a year, supersedes (6-17-66).
- BOSDELL, BETTY J., Visiting Lecturer in Educational Psychology (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,100 (6-2-66).
- BOUKNIGHT, WENDELL J., Research Engineer in the Coordinated Science Laboratory (C) (Urbana), June 16, 1966-August 31, 1967, \$9,600 a year (7-6-66).
- BRANDT, GARY WAYNE, Instructor in Veterinary Clinical Medicine (Urbana), $\frac{2}{3}$ time, June 16-August 31, 1966, \$1,406.25 (5-23-66).
- CALDWELL, RODERICK P. C., Visiting Lecturer in Mathematics (Urbana), $\frac{2}{3}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,600 (6-2-66).
- CANNADAY, ROBERT W., JR., Visiting Lecturer in Secondary and Continuing Education, $\frac{1}{2}$ time, and in Elementary Education, $\frac{1}{2}$ time, College of Education (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,445 (6-30-66).
- CAZORT, RALPH J., Professor of Pharmacology on the Faculty of Medicine, Chiangmai Hospital, Chiangmai, Thailand, for service under Contract AID/fe-2, two months from July 1, 1966, \$1,350 a month (6-13-66).
- CHERRY, JOE H., Visiting Lecturer in Chemistry and Chemical Engineering (Urbana), June 20-July 8, 1966, and August 1-August 12, 1966, \$1,800 (6-10-66).
- CLARK, BORBALA, Research Associate in the Institute for Research on Exceptional Children (Urbana), $\frac{1}{2}$ time, two months from June 16, 1966, \$900 (6-29-66).
- CLARK, PRISCILLA P., Instructor in French (Chicago Circle), academic year 1966-67, \$8,400 (6-8-66).
- CLEVELAND, SANDRA B., Visiting Assistant Professor of Mathematics (Urbana), nine months from September 16, 1966, \$8,500 (6-13-66).
- COHEN, JEROME, Research Programmer in Computer Science (Urbana), one year from September 1, 1966, \$8,000 (6-30-66).
- CONLEY, JOHN, Instructor in Health Education, College of Physical Education (Urbana), academic year 1966-67, \$7,500 (6-28-66).
- CUMMINGS, RALPH W., JR., Assistant Professor in the Campus Office of A.I.D. Projects (Urbana), June 16-August 31, 1966, \$9,750 a year (6-30-66).

- DAVIES, MICHAEL S., Research Associate in the Coordinated Science Laboratory (C) (Urbana), two months from July 1, 1966, \$7,800 a year (6-23-66).
- DAVIS, CHARLES S., Clinical Instructor in Medicine, three months from June 1, 1966, without salary, supersedes (6-22-66).
- DAY, FRANCES M., Instructor in Mathematics (Urbana), $\frac{1}{2}$ time, academic year, 1966-67, \$4,200 (6-13-66).
- DECKER, GEORGE C., Research Associate in the State Natural History Survey and in the Graduate College (Urbana), $\frac{1}{2}$ time, May 16-August 31, 1966, \$2,607.50 (5-2-66).
- DE MARCO, WILLIAM, Instructor in Speech (Urbana), one year from June 16, 1966, \$7,200 (6-13-66).
- DE PHILLIPS, HENRY A., Research Associate in Chemistry (Urbana), June 10-September 9, 1966, \$1,800 (5-18-66).
- DEWALD, RONALD L., Clinical Instructor in Orthopaedic Surgery and in the Division of Services for Crippled Children, College of Medicine, $\frac{2}{3}$ time, May 1, 1966-August 31, 1967, \$3,250 a year, supersedes (6-13-66).
- DICKER, MARVIN, Instructor in Sociology (Urbana), academic year 1966-67, \$8,400 (5-27-66).
- DOYLE, LAWRENCE E., Professor of Mechanical Engineering, Department of Vocational and Technical Education (Urbana), Summer Session of 1966, June 20-July 16, 1966, \$1,467 (6-29-66).
- DRAGANSKI, DONALD C., Assistant Reference Librarian with rank of Instructor (Chicago Circle), one year from September 1, 1966, \$6,600 (6-23-66).
- DUGGAN, THOMAS, Assistant Professor in the Survey Research Laboratory, Graduate College (Urbana), two months from June 16, 1966, \$2,000 (6-13-66).
- DURANT, ADRIAN J., JR., Visiting Lecturer in the Institute for Research on Exceptional Children, $\frac{3}{4}$ time, and in Special Education, $\frac{1}{4}$ time (Urbana), academic year 1966-67, \$14,000 (6-8-66).
- ESHELMAN, THOMAS A., Visiting Lecturer in Elementary Education (Urbana), two months from June 16, 1966, \$1,300 (5-26-66).
- FALLS, ARTHUR J., Assistant Director for Undergraduate Scholarship Programs (Urbana), May 16-August 31, 1966, \$9,000 a year (5-31-66).
- FARMANS, MICHAEL S., Clinical Assistant Professor of Obstetrics and Gynecology, for two months beginning July 1, 1966, without salary, supersedes (6-22-66).
- FIREBAUGH, MORRIS W., Research Associate in Physics (C) (Urbana), June 1, 1966-August 31, 1967, \$8,600 a year (6-23-66).
- FOLEJEWSKI, ZBIGNIEW, Visiting Professor of Slavic Languages and Literatures (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$2,112 (6-3-66); and Professor of Slavic Languages and Literatures (Urbana), full time, indefinite tenure from September 1, 1966, academic year service basis, \$22,000 a year (6-24-66).
- FRANCIS, WILLIAM J., Research Associate in the State Natural History Survey and in the Graduate College (Urbana), one year from July 1, 1966, \$8,160 (6-17-66).
- FRANK, ROBERT H., Visiting Lecturer in History (Urbana), academic year 1966-67, \$9,000 (5-18-66).
- FRANKEL, PHYLIS M., Counselor in Student Counseling Service (Chicago Circle), $\frac{3}{5}$ time, one year from September 1, 1966, \$5,600 (6-8-66).
- FRAYNE, JOHN P., Instructor in English (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$1,667, supersedes (3-30-66).
- GAGEN, TERENCE M., Visiting Lecturer in Mathematics (Urbana), academic year 1966-67, \$7,500 (6-8-66).
- GALBRAITH, BARRY E., Research Associate in Chemistry (Urbana), one month from June 1, 1966, \$600 (6-8-66).
- GARFINKEL, GERALD S., Instructor in Mathematics (Urbana), academic year 1966-67, \$8,000 (6-8-66).
- GARRISON, JOANNE R., Bibliographer with rank of Instructor in the Library (Urbana), $\frac{1}{4}$ time, one year from September 1, 1966, \$1,950, supersedes (5-27-66).
- GELDARD, JOHN F., Visiting Lecturer in Chemistry (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$1,667 (6-3-66).
- GEOGHEGAN, PATRICK M., Instructor in English (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$3,600 (6-24-66).
- GERSTNER, ROBERT W., Associate Professor of Structural Mechanics, in the De-

- partment of Materials Engineering, College of Engineering (Chicago Circle), two months from June 16, 1966, \$2,333 (6-8-66).
- GOEHNER, DONNA M., Research Associate in the Library Research Center, Graduate School of Library Science (Urbana), July 1, 1966-August 31, 1967, \$6,900 a year (6-3-66).
- GOOD, JOAN E., Instructor in Speech, $\frac{1}{2}$ time, and in the Speech and Hearing Clinic, $\frac{1}{2}$ time, Department of Speech and Theatre (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$1,312, supersedes (5-19-66).
- GOODMAN, EMILY H., Instructor in History (Chicago Circle), $\frac{5}{8}$ time, spring quarter 1966, \$5,400 a year, supersedes (6-23-66).
- GRAHAM, PHYLLIS, Assistant Professor of Mathematics (Urbana), $\frac{2}{3}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,245 (7-5-66).
- GREEN, JOAN DEBORAH, Instructor in Education, University High School (Urbana), two months from June 16, 1966, \$1,800 (6-2-66).
- GRIMM, WOLFGANG, Research Associate in Chemistry (Urbana), September 1-December 15, 1966, \$7,700 a year, supersedes (3-17-66).
- GRINIS, JULENE A., Instructor in Verbal Communication, Division of General Studies (Urbana), academic year 1966-67, \$5,800 (6-17-66).
- GRUELLE, ROBERT B., Assistant Director of Union and Housing (Medical Center), three months from June 1, 1966, \$9,300 a year (6-8-66).
- GUPTA, AMRIT SAGAR, Research Associate in Chemistry (Urbana), October 16, 1966-August 31, 1967, \$7,300 a year (5-27-66).
- HABERLICHTER, KARLEEN B., Visiting Lecturer in Elementary Education (Urbana), two months from June 16, 1966, \$1,600 (5-26-66).
- HAGAN, CHARLES B., Professor of Political Science (Urbana), six months from March 1, 1966, \$3,200 (5-4-66).
- HANNAH, HAROLD W., Project Director, Campus Office of A.I.D. Projects (Urbana), June 16-September 11, 1966, \$17,800 a year, supersedes (6-8-66).
- HARDMAN, DALE G., Visiting Lecturer in Elementary Education (Urbana), two months from June 16, 1966, \$2,500 (5-26-66).
- HARRIS, MARVYN R., Instructor in French (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$823, supersedes (6-30-66).
- HARTLEY, THOMAS C., Associate Professor of General Engineering (Urbana), two months from June 16, 1966, \$2,222 (6-30-66).
- HERMANSON, JOHN C., Research Associate in Physics (C) (Urbana), one year from September 1, 1966, \$8,700 (4-27-66).
- HEWES, RALPH A., Research Associate in Physics (C) (Urbana), three months from June 1, 1966, \$650 a month (5-27-66).
- HODGSON, JORDAN V., Instructor in German (Chicago Circle), academic year 1966-67, \$8,200 (6-8-66).
- HOKE, GORDON AUSTIN, Instructor in Education, University High School (Urbana), June 16-August 31, 1966, \$2,625 (6-10-66).
- HOLBROOK, DAVID KENNETH, Visiting Lecturer in English, NDEA Institute for Advanced Study in English (Urbana), June 20-August 13, 1966, \$4,080 (6-8-66).
- HOLMES, ROLAND W., Lecturer in English, $\frac{1}{2}$ time, and Assistant Dean of the College of Liberal Arts and Sciences, $\frac{1}{2}$ time (Urbana), academic year 1966-67, \$10,800 (6-8-66).
- HOLUB, PAUL J., Research Associate in the Institute for Research on Exceptional Children (Urbana), two months from June 16, 1966, \$1,866.66 (6-1-66).
- HSIAO, TING H., Research Associate in Entomology (Urbana), May 15, 1966-August 31, 1966, \$6,600 a year (6-1-66).
- HUDSON, KATHERINE, Visiting Lecturer in Elementary Education, College of Education (Urbana), two months from June 16, 1966, \$1,800 (5-26-66).
- HUNCKE, BRIAN H., Associate in Administration, College of Medicine (Evaluation Section), $\frac{1}{5}$ time for eight months beginning January 1, 1966, \$2,500 a year; this is in addition to his appointment as Clinical Associate in Orthopaedic Surgery, College of Medicine, without salary (2-25-66).
- HUNDBLEY, JOHN, Assistant Professor of Psychology (Urbana), July 15-August 31, 1966, \$1,500 (6-1-66).
- INCE, ROBERT L., Director, NDEA Institute for Advanced Study in Oral Language Programs in Elementary School, Department of Speech and Theatre (Urbana), June 16-August 24, 1966, \$297.75 a week (6-1-66).

- ISHIHARI, KENJI, Visiting Research Associate in Civil Engineering (Urbana), academic year 1966-67, \$7,200 (5-26-66).
- ITAGAKI, EIJI, Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$7,500 (5-18-66).
- JANKE, ARTHUR E., Instructor in Russian (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,000 (6-20-66).
- JOHNSON, JAMES D., Instructor in English (Urbana), $\frac{3}{4}$ time, academic year 1966-67, \$3,600 (6-28-66).
- JOHNSTON, BEN B., JR., Associate Professor of Music (Urbana), $\frac{3}{4}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,650, supersedes (6-30-66).
- KACHRU, YAMUNA, Research Assistant Professor of Linguistics (Urbana), $\frac{1}{2}$ time, five months from July 1, 1966, \$2,375 (6-29-66).
- KAUFMANN, GRACE G., Instructor in Occupational Therapy, School of Associated Medical Sciences, College of Medicine, May 23, 1966-August 31, 1967, \$6,800 a year (6-13-66).
- KELLY, BRUCE B., Assistant to the Dean of Students (Urbana), two months from from July 1, 1966, \$625 a month (6-13-66).
- KELLY, D. H., Instructor in Electrical Engineering (Urbana), $\frac{1}{4}$ time, Summer Session of 1966, June 20-August 13, 1966, \$562 (5-31-66).
- KENYON, JOHN, Research Assistant Professor of Psychology (Urbana), $\frac{1}{2}$ time, three months from February 1, 1966, \$647.72; Research Assistant Professor of Psychology, $\frac{1}{4}$ time, Semester II 1965-66, \$1,227.28, supersedes (5-6-66).
- KEY, J. L., Visiting Lecturer in Chemistry and Chemical Engineering (Urbana), July 11-July 29, 1966, \$1,150 (6-10-66).
- KEYNAN, ALEXANDER, Visiting Scientist in Chemistry (Urbana), one month from July 1, 1966, \$1,100 (5-26-66).
- KING, CHARLES E., Assistant Professor of Zoology (Urbana), Summer Session of 1966, June 20-July 16, 1966, \$1,056 (5-26-66).
- KINNAMON, KENETH, Assistant Professor of English (Urbana), academic year 1966-67, \$8,600, supersedes (6-8-66).
- KINNICK, MARY, Assistant Dean of Women (Urbana), one year from September 1, 1966, \$7,500 (6-29-66).
- KIRK, WINIFRED D., Research Associate in the Institute for Research on Exceptional Children, College of Education (Urbana), academic year 1966-67, \$8,500 (5-8-66).
- KIRKOV, PANCE, Research Associate in Chemistry (Urbana), three months from June 1, 1966, \$2,100 (5-18-66).
- KUHLMAN, DONALD E., Instructor in Agricultural Entomology Extension (E) (Urbana), June 1, 1966-August 31, 1967, \$9,500 a year (5-26-66).
- LAPIDUS, LEW, Instructor in Russian (Urbana), academic year 1966-67, \$7,200 (6-23-66).
- LEBEAU, LEON J., Associate Professor of Microbiology on the Faculty of Medicine, Chiengmai Hospital, Chiengmai, Thailand, for service under Contract AID/fe-2, one month from September 1, 1966, \$15,730 a year; and Associate Professor of Microbiology, College of Medicine, indefinite tenure from October 1, 1966, \$14,300 a year (6-8-66).
- LEVINE, RAYMOND, Visiting Lecturer in Chemistry (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,000 (6-23-66).
- LEVINSON, DAVID W., Professor of Metallurgy and Associate Head of the Department of Materials Engineering (Chicago Circle), $\frac{3}{4}$ time, summer quarter of 1966, \$3,500, supersedes (6-27-66).
- LILJE, GERALD W., Instructor in Philosophy (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$3,000 (6-2-66).
- LOEPPERT, THEODORE W., Instructor in English (Chicago Circle), $\frac{1}{3}$ time, spring quarter of 1966, \$634, supersedes (6-1-66).
- LONG, WRITESMAN, Visiting Lecturer in Business Education (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$700 (5-19-66).
- MADDEN, JAMES, Research Programmer in Computer Science (Urbana), June 20, 1966-August 31, 1967, \$8,000 a year (6-17-66).
- MAGELLI, PAUL J., Assistant to the Dean of Students (Urbana), one month from June 1, 1966, \$791.67 (6-13-66).
- MANN, AVINO'AM, Instructor in Mathematics (Urbana), academic year 1966-67, \$7,500 (6-8-66).

- MARKS, G. WARREN, Instructor in Civil Engineering (C) (Urbana), two months from June 16, 1966, \$1,733.34 (5-20-66).
- MARKS, RICHARD E., Research Engineer in Computer Science (Urbana), two months from July 1, 1966, \$1,750 (5-26-66).
- MARSHALL, ROBERT H., Visiting Lecturer in Chemistry (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,400 (5-26-66).
- MARTENS, GERT, Research Associate in the Coordinated Science Laboratory (Urbana), two months from July 1, 1966, \$7,800 a year (6-23-66).
- MARTIN, WALDO D., Instructor in General Engineering (Urbana), academic year 1966-67, \$7,500 (6-2-66).
- MATHUR, HARI HAR, Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$7,500 (5-26-66).
- McBRYDE, VERA E., Instructor in Medicine, College of Medicine, July 1, 1966-August 31, 1967, \$10,000 a year (5-18-66).
- McPEAIL, ANDREW T., Research Associate in Chemistry (Urbana), one month from September 1, 1966, \$666.67 (6-8-66).
- MENDEL, CLIFFORD W., JR., Research Associate in the Coordinated Science Laboratory (Urbana), two months from June 16, 1966, \$8,400 a year (6-23-66).
- MERCHANT, FREDERICK, Staff Pharmacist in the Department of Pharmacy, College of Pharmacy, for four months beginning May 1, 1966, without salary; for the convenience of the University, he will receive room and board; supersedes salaried appointment (5-20-66).
- MEREDITH, GERALD M., Research Associate in Psychology (Urbana), $\frac{1}{3}$ time, two months from July 1, 1966, \$388.88, supersedes; this is in addition to his appointment in the Summer Session of 1966, $\frac{1}{2}$ time (5-26-66).
- MOORE, JAMES E., Visiting Lecturer in Elementary Education (Urbana), June 15-August 17, 1966, \$2,250 (6-1-66).
- MURATA, AKIRA, Research Associate in Physiology (Urbana), three months from June 1, 1966, \$6,350 a year, and six months from September 1, 1966, \$6,600 a year (1-27-66).
- MURATA, TADAO, Research Associate in the Coordinated Science Laboratory (C) (Urbana), two months from June 16, 1966, \$1,300 (6-23-66).
- MURPHY, RUBY A., Instructor in Verbal Communication, Division of General Studies (Urbana), academic year 1966-67, \$5,400 (6-8-66).
- NAGYVARY, JOSEPH, Visiting Lecturer in Chemistry (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,000 (6-3-66).
- NAJAFI, HASSAN, Clinical Assistant Professor of Surgery, College of Medicine, for three months beginning June 1, 1966, without salary (6-2-66).
- NANCE, JEAN P., Research Associate in Secondary and Continuing Education (Urbana), June 1-August 15, 1966, \$750 a month (6-8-66).
- NEWMAN, ALBERT, Clinical Counselor with rank of Assistant Professor in the Student Counseling Service (Urbana), three months from June 1, 1966, \$10,100 a year, supersedes (6-8-66).
- NIEVERGELT, MRS. TERESITA, Cataloger with rank of Instructor in the Library (Urbana), three months from June 1, 1966, \$6,500 a year, supersedes (5-26-66).
- NORTHCOTT, D. G., Visiting Professor of Mathematics (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$5,000 (6-3-66).
- NUTAITIS, RAYMOND J., Instructor in Music (Urbana), academic year 1966-67, \$7,500 (6-17-66).
- OBERAI, KIRTI K., Instructor in Mathematics (Urbana), $\frac{2}{3}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,200 (6-15-66).
- ONO, KAZUO, Visiting Professor of Physics (C) (Urbana), two months from June 16, 1966, \$1,666.66 a month (6-17-66).
- PARASKEVOPOULOS, IOANNIS, Research Associate in the Institute for Research on Exceptional Children (Urbana), two months from June 16, 1966, \$1,600 (6-27-66).
- PAUL, MANFRED, Visiting Research Associate Professor of Computer Science, Graduate College (Urbana), for Semester I 1966-67, \$7,700 (6-3-66).
- PEARSON, JOHN E., Research Associate in the State Water Survey and in the Graduate College (Urbana), two months from June 16, 1966, \$1,666.67 a month (6-23-66).
- PEIRCE, GEORGE R., Professor of Electrical Engineering (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,534, supersedes (6-10-66).

- PETERSON, HAROLD A., Instructor in Speech and Theatre (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$1,589 (5-20-66).
- PETHICK, C. J., Research Associate in Physics (Urbana), one year from September 1, 1966, \$8,700 (4-20-66).
- PORTA, HORACIO A., Instructor in Mathematics (Urbana), academic year 1966-67, \$8,000 (6-20-66).
- RAINS, RUTH R., Assistant Professor of French (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$912 (6-30-66).
- RAJAGOPALAN, M., Associate Professor of Mathematics (Urbana), indefinite tenure from September 1, 1966, academic year service basis, \$12,500 (6-13-66).
- RANGA RAO, R., Visiting Associate Professor of Mathematics (Urbana), $\frac{3}{5}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,630 (6-2-66).
- RANGASWAMY, K. M., Instructor in Mathematics (Urbana), academic year 1966-67, \$7,500 (6-8-66).
- RICHARTZ, LEON E., Assistant Professor of Business Administration, Graduate School of Business Administration (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,400 (5-26-66).
- ROBERTS, WYNDHAM J., Research Associate in the State Water Survey and in the Graduate College (Urbana), one year from July 1, 1966, \$15,000 (6-27-66).
- ROBINSON, LEHYMANN F., Assistant to the Director of Admissions and Records (Urbana), July 1, 1966-August 31, 1967, \$9,000 a year (6-30-66).
- ROE, WALTER BRODHAY, Instructor in Geology (Chicago Circle), $\frac{4}{5}$ time, spring quarter 1966, \$437.50 a month (6-23-66).
- ROGERS, PHILIP EDWARD, Instructor in English (Urbana), academic year 1966-67, \$5,400 (7-5-66).
- ROSENWINKEL, LESTER, Instructor in Architecture (Urbana), academic year 1966-67, \$7,500 (6-29-66).
- ROSS, ROBERT C., Leader Foreign Agricultural Visitors, Foreign Visitors Program (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$6,850 (6-1-66).
- SAMOS, FERENC H., Physician in the Health Service (Medical Center), $\frac{2}{5}$ time, May 14-August 31, 1966, \$5,400 a year, and for one year from September 1, 1966, \$5,600 a year (5-26-66).
- SANDERS, CHARLES, Assistant Professor of English (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$1,823, supersedes (6-30-66).
- SATO, SHOZO, Visiting Lecturer in Physical Education for Women, in the Graduate College (Urbana), one month from June 1, 1966, \$1,000 (6-23-66).
- SEMONIN, RICHARD G., Research Associate in the State Water Survey and in the Graduate College (Urbana), two months from July 1, 1966, \$14,000 a year (6-23-66).
- SERAUSKAS, R. V., Research Associate in Chemistry (Urbana), May 16-August 31, 1966, \$6,600 a year, supersedes (6-1-66).
- SERGIOVANNI, THOMAS J., Assistant Professor of Educational Administration and Supervision, $\frac{1}{2}$ time, and of Elementary Education, $\frac{1}{2}$ time, College of Education (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,000, supersedes (6-29-66).
- SERTORIO, HELGA, Visiting Instructor in Physiology and Biophysics (Urbana), two months from June 16, 1966, \$1,200 (6-30-66).
- SERTORIO, LUIGI, Research Associate in Physics (C) (Urbana), two months from June 16, 1966, \$1,600 (6-17-66).
- SHALABI, MADELAINE T., Associate Professor of Education, Division of Education (Chicago Circle), $\frac{1}{2}$ time, two months from June 16, 1966, \$1,089 (6-7-66).
- SHEBCHUK, LARISSA A., Instructor in Russian (Chicago Circle), academic year 1966-67, \$6,500 (6-8-66).
- SIBINOVIC, MRS. KYLE H., Research Associate in Veterinary Pathology and Hygiene (Urbana), three months from June 1, 1966, \$750 a month (6-13-66).
- SIMONE, JOSEPH V., Instructor in Pediatrics, College of Medicine, July 1, 1966-August 31, 1967, \$12,000 a year (6-13-66).
- SLAUGHTER, DANELY P., Clinical Professor of Surgery, College of Medicine, 35/100 time, indefinite tenure from June 1, 1966, \$5,150 a year (6-21-66).
- SOEHNGEN, HENRY F., Research Associate in Civil Engineering (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,245 (5-24-66).
- SOLZMAN, DAVID M., Assistant Professor of Geography (Chicago Circle), four months from May 1, 1966, \$8,200 a year (6-1-66).

- SPANO, BARTOLO JOHN, Visiting Lecturer in Educational Psychology (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$1,900 (6-30-66).
- SPURGEON, DICKIE A., Instructor in English (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,600 (7-5-66).
- SRINIVASAN, RANGASWAMY, Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$7,500 (5-27-66).
- STECHER, JOANN MARIE, Research Associate in Elementary Education (Urbana), academic year 1966-67, \$9,000 (6-8-66).
- STOREY, EDWARD H., Professor of Recreation and Municipal Park Administration, College of Physical Education (Urbana), two months from June 16, 1966, \$1,363.89 a month (5-26-66).
- STOUT, GLENN E., Research Associate in the State Water Survey and in the Graduate College (Urbana), one month from July 1, 1966, \$1,666.67 (6-17-66).
- STREET, ANNE P., Instructor in Mathematics (Urbana), academic year 1966-67, \$6,950 (6-24-66).
- STRONG, PASCHAL N., JR., Visiting Lecturer in Educational Psychology (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$3,000 (6-2-66).
- STUBBS, Frederick G., JR., Assistant Professor of Finance (Chicago Circle), academic year 1966-67, \$10,500 (5-6-66).
- SWING, JACK H., Adviser-Campus Planning and Development at the Jawaharalal Nehru Agricultural University, for four months beginning February 1, 1966, \$1,674 a month, and Adviser for Campus Planning and Development in the Campus Office of A.I.D. Projects, two months from June 1, 1966, \$1,522.22 a month (6-30-66).
- TADANO, TAKEO, Research Associate in Zoology (Urbana), one year from September 1, 1966, \$6,600 (5-18-66).
- TERRAS, VICTOR, Professor of Russian, Department of Slavic Languages and Literatures (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,556, supersedes (6-3-66).
- TODD, LEE J., Assistant Professor of Chemistry (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$945 (6-3-66).
- TOMASCHKE, HARRY E., Research Associate in the Coordinated Science Laboratory (Urbana), June 13-August 31, 1966, \$800 a month (6-13-66).
- TROWER, WILLIAM PETER, Research Associate in Physics (C) (Urbana), three months from June 1, 1966, \$700 a month (6-17-66).
- TSUCHIYA, GORO, Clinical Instructor in Neurological Surgery, College of Medicine, $\frac{1}{2}$ time, five months from April 1, 1966, \$1,200 a year (6-1-66).
- TULUMELLO, ANGELO C., Senior Research Engineer in the Coordinated Science Laboratory, College of Engineering (Urbana), June 1, 1966-August 31, 1967, \$13,750 a year (6-13-66).
- TUZAR, JANA I., Instructor in Russian (Urbana), academic year 1966-67, \$8,000 (6-20-66).
- TYNER, EDWARD H., Professor of Soil Fertility in the Midwest Universities Consortium (Urbana), April 17-April 30, 1966, \$649, supersedes for the period indicated (6-3-66).
- VON NEUMANN, ALICE W., Research Associate in the Children's Research Center, Graduate College (Urbana), academic year 1966-67, \$6,300 (6-17-66).
- WACHS, THEODORE D., Visiting Lecturer in Educational Psychology (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$850 (6-1-66).
- WALLACE, ALFRED L., Instructor in German (Chicago Circle), academic year 1966-67, \$6,000 (6-8-66).
- WALLACK, PHILIP J., Research Programmer in Computer Science (Urbana), August 8, 1966-August 31, 1967, \$11,000 a year (6-13-66).
- WATTS, EMILY S., Assistant Professor of English (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$2,800 (6-8-66).
- WEHRING, BERNARD W., Assistant Professor of Nuclear Engineering (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,000; $\frac{1}{2}$ time, June 16-August 15, 1966, and full time, August 16-31, 1966, at the rate of \$1,000 a month (6-7-66).
- WESTEMEIER, RONALD L., Research Associate in the State Natural History Survey and in the Graduate College (Urbana), one year from July 1, 1966, \$7,620 (6-27-66).

- WHITAKER, KENNETH E., Research Associate in Chemistry, Graduate College (Urbana), one year from September 1, 1966, \$7,200 (6-1-66).
- WILSON, GRACE E., Professor of Music (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,645, supersedes (6-17-66).
- WYMAN, MARVIN E., Professor of Nuclear Engineering (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$1,267, supersedes (6-7-66).
- YAMAMOTO, PATRICIA, Education and Social Science Library Assistant with rank of Instructor, in the Library (Urbana), $\frac{3}{4}$ time for the period June 21-August 12, 1966, \$418.75 a month, and $\frac{1}{2}$ time for the period August 13-August 31, 1966, \$279.17 a month, supersedes (6-17-66).
- ZADO, FRANJO M., Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$7,500 (5-18-66).
- ZIMMER, NORMA, Visiting Lecturer in Elementary Education (Urbana), June 15-August 17, 1966, \$2,500 (6-29-66).

The following appointments of members of the staff of the State Natural History Survey are without salary and without tenure to give the appointees academic status as members of the research staff of the Agricultural Experiment Station (Urbana). These appointments are for one year beginning September 1, 1966.

- APLEBY, JAMES E., Assistant Professor of Agricultural Entomology
 ARMBRUST, EDWARD J., Assistant Professor of Agricultural Entomology
 BROERSMA, DELMAR B., Assistant Professor of Agricultural Entomology
 BRUCE, WILLIS N., Professor of Agricultural Entomology
 MADDOX, JOSEPH V., Assistant Professor of Agricultural Entomology
 MEYER, RONALD H., Assistant Professor of Agricultural Entomology
 PAUSCH, ROBERT D., Assistant Professor of Agricultural Entomology
 SECHRIEST, RALPH E., Assistant Professor of Agricultural Entomology

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- ALBERS, GEORGE A., Instructor in Architecture (Urbana) — resignation effective September 1, 1966.
- ALGUERO, MANUEL S., Bibliographer with rank of Instructor, in the Library (Urbana) — resignation effective September 1, 1966.
- ALBRIGHT, WILLIAM G., Associate Professor of Electrical Engineering (Urbana), Summer Session of 1966 — declination effective June 20, 1966.
- ALLGOOD, WILLIAM T., Instructor in Music (Urbana) — resignation effective September 1, 1966.
- ANDERSON, AEMER D., Assistant Professor of Energy Engineering (Chicago Circle), Summer quarter of 1966 — declination effective June 16, 1966.
- ANDERSON, MRS. JACQUELINE H., Instructor in Home Economics (Urbana) — resignation effective September 1, 1966.
- ASPNES, DAVID E., Research Associate in Electrical Engineering (Urbana) — resignation effective September 1, 1966.
- BAKER, RONALD, Instructor in English (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- BALMAIN, KEITH G., Assistant Professor of Electrical Engineering (Urbana) — resignation effective September 1, 1966.
- BATES, CYRIL P., Instructor in Electrical Engineering (Urbana) — resignation effective September 1, 1966.
- BENNETT, HERBERT S., Research Associate in Physics (Urbana) — resignation effective August 15, 1966.
- BOLAN, JAMES T., Instructor in Pathology (Medicine) — resignation effective July 1, 1966.
- BOND, JAMES A., Assistant Professor of Biological Sciences (Chicago Circle), Summer quarter of 1966 — declination effective June 16, 1966.
- BONEY, JEW D., Visiting Assistant Professor of Educational Psychology (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- BOSDELL, BETTY J., Visiting Lecturer in Educational Psychology (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- BOWMAN, MARY A., Engineering Library Assistant with rank of Instructor (Urbana) — resignation effective September 1, 1966.
- BRITTON, MICHAEL P., Associate Professor of Plant Pathology (Urbana) — resignation effective September 1, 1966.

- CLIFFORD, JOHN J., Research Associate in University High School (Urbana) — resignation effective July 1, 1966.
- COLWELL, RICHARD J., Assistant Professor of Music (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- CUZZORT, RAY P., Associate Professor of Sociology, College of Liberal Arts and Sciences, and Assistant Director for Research in University Honors Programs (Urbana) — resignation effective September 1, 1966.
- DASSO, JEROME J., Assistant Professor of Finance (Urbana) — resignation effective September 1, 1966.
- DIPERT, ARNOLD W., Assistant Professor of Electrical Engineering (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- DOYLE, JAMES M., Assistant Professor of Materials Engineering (Chicago Circle), summer quarter of 1966 — declination effective June 16, 1966.
- ECKLUND, ROBERT E., Instructor in Medicine (Medicine) and Acting Director of the Health Service (Medical Center) — resignation effective August 1, 1966.
- EGBERT, PAUL R., Associate Professor of Electrical Engineering (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- EICHMAN, MARTIN L., Assistant Professor of Pharmacy and of Manufacturing Pharmacy (Pharmacy) — resignation effective September 1, 1966.
- ELLIOTT, R. J., George A. Miller Visiting Professor of Physics (Urbana) — resignation effective July 1, 1966.
- EUSTICE, DAN J., Assistant Professor of Mathematics (Urbana) — resignation effective September 1, 1966.
- FAIRCHILD, DARYL R., Sr., Instructor in Radio-Television, College of Journalism and Communications (Urbana) — resignation effective June 15, 1966.
- GANDHI, SHAM S., Instructor in Veterinary Biological Structure (Urbana) — resignation effective June 16, 1966.
- GARVERICK, CHARLES M., Assistant Professor of Educational Psychology (Urbana) — resignation effective September 1, 1966.
- GEORGE, EMERY E., Assistant Professor of German (Urbana) — resignation effective September 1, 1966.
- GERSTNER, ROBERT W., Associate Professor of Structural Mechanics, Department of Architecture (Chicago Circle), Summer quarter of 1966 — declination effective June 16, 1966.
- GIBSON, JAMES L., Instructor in Architecture (Urbana) — resignation effective September 1, 1966.
- GILES, GEORGE C., JR., Assistant Professor of Education (Chicago Circle), Summer quarter of 1966 — declination effective June 16, 1966.
- GLASKY, ALVIN, Assistant Professor of Biological Chemistry (Medicine) — resignation effective May 18, 1966.
- GLASS, ALAN B., Instructor in Architecture (Urbana) — cancellation effective September 1, 1966.
- GOMOLL, ALLEN W., Assistant Professor of Pharmacology (Medicine) — resignation effective September 1, 1966.
- GRIFFIN, JOHN B., Clinical Assistant Professor of Orthopaedic Surgery (Medicine) and Clinical Assistant Professor of Orthopaedic Surgery, Division of Services for Crippled Children — resignation effective May 1, 1966.
- HACKER, DAVID S., Associate Professor of Energy Engineering (Chicago Circle), Summer quarter of 1966 — declination effective June 16, 1966.
- HILL, ROBERT D., Professor of Physics (Urbana) — resignation effective September 1, 1966.
- HOFAS, ELIZABETH A., Cataloger with rank of Instructor, in the Library (Urbana) — resignation effective September 1, 1966.
- HOOVER, JEANETTE J., Physician in the Health Service (Medical Center) — resignation effective June 1, 1966.
- HUNG, MRS. WINIFRED, Cataloger with rank of Instructor, in the Library (Urbana) — resignation effective July 1, 1966.
- KATZ, MOISES, Research Associate in Pediatrics (Medicine) — resignation effective September 1, 1966.
- KELLAM, SHEPPARD G., Assistant Professor of Psychiatry (Medicine) — resignation effective July 1, 1966.
- KUCHNIR, MRS. FRANCA T., Research Associate in Physics (Urbana) — resignation effective July 1, 1966.

- LANER, FRANCES J., Research Associate in Secondary and Continuing Education (Urbana) — resignation effective July 1, 1966.
- LEE, MAURICE, JR., Professor of History (Urbana) — resignation effective September 1, 1966.
- LEE, SHUNG-WU, Research Associate in Electrical Engineering (Urbana) — resignation effective July 13, 1966.
- LEVINE, RAYMOND, Research Associate in Chemistry (Urbana) — resignation effective June 1, 1966.
- LINDERHOLM, CARL E., Assistant Professor of Mathematics (Urbana) — resignation effective September 1, 1966.
- MC EWEN, ROGNVALD S., Research Associate in Chemistry (Urbana) — resignation effective July 16, 1966.
- MARTIN, JOHN D., Research Associate in Theoretical and Applied Mechanics (Urbana) — resignation effective June 21, 1966.
- METZGER, DUANE G., Assistant Professor of Anthropology (Urbana) — resignation effective September 1, 1966.
- MILLER, EDWIN B., Clinical Instructor in Medicine (Medicine) — resignation effective April 1, 1966.
- MINKOWYCZ, W. J., Assistant Professor of Energy Engineering (Chicago Circle), summer quarter of 1966 — declination effective June 16, 1966.
- MOCHEL, MARTIN O., JR., Senior Pharmacist and Clinical Instructor in Pharmacy (Pharmacy) — resignation effective July 1, 1966.
- MONKMAN, JOHN A., Clinical Counselor with rank of Assistant Professor, in the Student Counseling Service (Urbana) — resignation effective June 16, 1966.
- MYERS, WILLIAM P., Associate Director of Housing (Urbana) — resignation effective August 27, 1966.
- NEALEY, MRS. VICKI G., Research Associate in the Jane Addams Graduate School of Social Work (Urbana) — resignation effective July 15, 1966.
- NEFKENS, BERNARD M., Research Assistant Professor of Physics (Urbana) — resignation effective July 21, 1966.
- NIEVERGELT, MRS. TERESITA, Cataloger with rank of Instructor, in the Library (Urbana) — resignation effective September 1, 1966.
- OHLSEN, MERLE M., Professor of Educational Psychology (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- ORVIS, HAROLD H., Associate Professor of Preventive Medicine (Medicine) and Coordinator, Rehabilitation Center (Medical Center) — resignation effective September 1, 1966.
- PARDEE, WILLIAM D., Associate Professor of Forage Crop Extension, Department of Agronomy (Urbana) — resignation effective August 1, 1966.
- PENNIMAN, WILLIAM D., Associate Director of Engineering Publications (Urbana) — resignation effective September 1, 1966.
- PORTER, AGNES R., Instructor in French (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- PONLEITHNER, HENRY, Sales Manager, University Press (Urbana) — cancellation effective September 1, 1966.
- PRESLEY, HALINA J., Associate Professor of Biological Sciences (Chicago Circle), Summer quarter of 1966 — declination effective June 16, 1966.
- RAGHAVA REDDY, DODLA V., Research Associate in Botany (Urbana) — resignation effective August 1, 1966.
- RAVELO, CELSO J., Research Associate in Pediatrics (Medicine) — resignation effective July 1, 1966.
- RENNER, MRS. CHARLENE, Cataloger with rank of Instructor, in the Library (Urbana) — resignation effective September 1, 1966.
- ROSNER, MARTIN M., Assistant Professor of Pharmacy Administration (Pharmacy) — resignation effective September 1, 1966.
- SCHIFF, SHELDON K., Assistant Professor of Psychiatry (Medicine) — resignation effective July 1, 1966.
- SCHOENBERGER, MICHAEL, Research Associate in Electrical Engineering and in the Coordinated Science Laboratory (Urbana) — resignation effective June 16, 1966.
- SCHLOSSER, ROBERT E., Professor of Accountancy (Urbana) — resignation effective September 1, 1966.

- SCHUITEMAN, ROBERT A., Director of the Office of Foreign Students in the Office of Dean of Students and in the Graduate College (Urbana) — resignation effective August 16, 1966.
- SCHULTZ, ALBERT B., Assistant Professor of Materials Engineering (Chicago Circle), Summer quarter of 1966 — declination effective June 16, 1966.
- SESHU, LILY H., Assistant Professor of Mathematics (Urbana) — resignation effective September 1, 1966.
- SHARPE, M. ELISABETH, Visiting Professor of Food Science (Urbana) — resignation effective June 23, 1966.
- SPENCE, PAUL H., History and Philosophy Librarian with rank of Instructor, in the Library (Urbana) — resignation effective September 1, 1966.
- SPENCE, MRS. RUTH S., Library Science Librarian with rank of Instructor, in the Library (Urbana) — resignation effective September 1, 1966.
- SPRINGER, MERLE E., Lecturer in the Jane Addams Graduate School of Social Work (Urbana) — resignation effective September 1, 1966.
- STALLMAN, ROBERT K., Instructor in Physical Education for Men (Urbana) — resignation effective September 1, 1966.
- STEPHENSON, DAVID T., Research Associate in Electrical Engineering (Urbana) — resignation effective September 1, 1966.
- STRANGE, RUSSELL P., Professor and Head of the Department of Air Force Aerospace Studies (Urbana) — resignation effective September 1, 1966.
- TAXEY, PAUL J., Instructor in Biological Sciences (Chicago Circle), Summer quarter of 1966 — declination effective June 16, 1966.
- TINKHAM, ROBERT A., Associate Professor of Vocational and Technical Education (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- VAN HORN, CHARLES J., Research Assistant Professor of Education, University High School (Urbana) — resignation effective July 13, 1966.
- VINCENT, LAVONNE, Staff Pharmacist in Hospital Pharmacy (Pharmacy) — resignation effective June 6, 1966.

LEAVES OF ABSENCE

- DRAKE, JOHN W., Associate Professor of Microbiology (Urbana) — leave of absence, without pay, for the period September 16 through December 31, 1966, so that he may accept a position as Visiting Professor at Harvard University.
- FONG, PAUL, Associate Professor of Mathematics at Chicago Circle — leave of absence, without pay, for the Fall quarter of 1966, so that he may participate in the research symposium on group theory to be conducted at the University of Warwick, England.
- FOX, SAMUEL, Professor of Accounting at Chicago Circle — leave of absence, without pay, for the academic year 1966-67, so that he may complete a textbook, prepare other work for publication, and accept a Visiting Professorial Lectureship at an overseas university during part of the time.
- GABAI, HYMAN, Assistant Professor of Mathematics and of Education (Urbana) — leave of absence, without pay, for one year beginning September 1, 1966, so that he may accept a position to teach mathematics and mathematics education at The City College of The City University of New York.
- GREEN, AARON, Librarian in the Institute of Labor and Industrial Relations with the rank of Associate Professor (Urbana) — extension of leave of absence, without pay, through August 31, 1966. He also has a leave of absence, without pay, for four months beginning September 1, 1966, to give him additional time for his studies at the University of Pennsylvania.
- HAAG, RUDOLF, Research Professor of Physics (Urbana) — leave of absence, without pay, for the academic year 1966-67, so that he may spend the year at the Institute for Theoretical Physics of the University of Hamburg, West Germany.
- JACKSON, DAVID M., Associate Dean of the College of Education and Professor of Educational Administration and Supervision (Urbana) — leave of absence, without pay, for one year beginning September 1, 1966, so that he may serve as the President and Project Director of the Cooperative Educational Research Laboratory, Incorporated, being established by the United States Office of Education.
- LAVRIN, DAVID H., Assistant Professor of Microbiology in the College of Medicine — leave of absence, without pay, for one month beginning August 1, 1966,

- so that he may accept an invitation to visit and study in the Chester Beatty Cancer Research Institute in London, England.
- LIEBERTHAL, MILFRED, Associate Professor of Labor and Industrial Relations and in the Division of University Extension (Urbana) — extension of leave of absence, without pay, through August 31, 1967, so that he may continue his work under the Adult Education Program in the United States Office of Education.
- SCHOUSBOE, INGVAR, Professor of Architectural Engineering (Urbana) — leave of absence, without pay, for the academic year 1966-67, so that he may accept the presidency of C. A. Metz Engineers, Inc., of Chicago.
- SLANKER, MRS. BARBARA O., Research Associate in the Library Research Center, Graduate School of Library Science (Urbana) — leave of absence, without pay, for one year beginning September 1, 1966, so that she may study and do research for her doctor's degree in the Graduate School of Library Science at the University of Illinois.
- SOUDER, MARJORIE A., Assistant Professor of Physical Education for Women in the College of Physical Education, and Counselor in Teacher Education, in the Council on Teacher Education, Teacher Training Counseling, College of Education (Urbana) — leave of absence, without pay, for the academic year 1966-67, so that she may study for her doctor's degree at the University of Wisconsin.
- TRAVERS, KENNETH J., Assistant Professor of Secondary and Continuing Education (Urbana) — leave of absence, without pay, for the academic year 1966-67, so that he may participate in the Stanford University postdoctoral program for training research workers in education.
- UCHIYAMA-CAMPBELL, MRS. FUMIYO, Research Associate in Computer Science in the Graduate College (Urbana) — leave of absence, without pay, for one month beginning August 1, 1966.
- WALTON, CONSTANCE R., Instructor in Audiology in the Department of Otolaryngology in the College of Medicine — leave of absence, without pay, for two months beginning July 1, 1966.

MR. ROBERT E. MERRIAM

President Clement announced that Mr. Robert E. Merriam, President of University Patents, Inc., has been invited to be a guest at luncheon today and to discuss with the Trustees in conference this afternoon the operations of University Patents, Inc.

RECESS AND EXECUTIVE SESSION

President Clement announced that an executive session has been requested and was being ordered for consideration of property acquisitions and that this session will be held after the luncheon recess.

On motion of Mr. Hughes, the Board recessed.

When the Board reconvened, the same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes, except Mr. Ray Page who asked to be excused because of another engagement he had in the afternoon.

The Board considered the following recommendations from the President of the University.

PURCHASE OF PROPERTY AT 1001 WEST ILLINOIS STREET, URBANA

(40) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University of Illinois Foundation be requested to purchase the property at 1001 West Illinois Street, Urbana, Illinois, at a price of \$53,500 and lease the property to the University at a rental sufficient to pay the interest costs on a loan to the Foundation to finance acquisition of the property. It consists of a lot 65 feet by 150 feet and is improved with a three-story and basement frame rooming house with a capacity of thirty-one men. The property will be razed and the area will be used as a temporary parking lot.

I concur.

On motion of Mr. Hughes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Swain.

PURCHASE OF 908 SOUTH FIFTH STREET, CHAMPAIGN

(41) The University of Illinois Foundation has purchased the property at 908 South Fifth Street, Champaign, east of Stuart Pratt Sherman Hall at Fifth and Chalmers Streets, for use as part of a site for parking facilities for the residence halls. The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University acquire this property from the University of Illinois Foundation at the original purchase price of \$46,500, plus interest charges on a bank loan to finance the initial acquisition of the property.

Funds are available in the proceeds from the sale of revenue bonds for the construction of this Graduate Student Residence Hall.

I concur.

On motion of Mr. Johnston, the purchase of this property, at the price recommended, was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Swain.

PURCHASE OF PROPERTY AT 909 WEST NEVADA STREET, URBANA

(42) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees request the University of Illinois Foundation to purchase the property at 909 West Nevada Street, Urbana, at a price of \$40,000 and lease the property to the University at a rental sufficient to pay the interest costs on a loan to the Foundation to finance acquisition of the property. It consists of a lot 56.5 feet by 120 feet and is improved with a two-story and basement frame dwelling. The property will be used for academic offices.

I concur.

On motion of Mr. Williamson, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Swain.

**PURCHASE OF PROPERTY AT 1111 WEST
STOUGHTON STREET, URBANA**

(43) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees request the University of Illinois Foundation to purchase the property at 1111 West Stoughton Street, Urbana, at a price of \$19,500 and lease the property to the University at a rental sufficient to pay the interest costs on a loan to the Foundation to finance acquisition of the property. It consists of a corner lot 66 feet by 60 feet and is improved with a two-story and basement frame building. The improvements on this property will be demolished, and the area will be used for parking.

I concur.

On motion of Mr. Johnston, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Swain.

PURCHASE OF PROPERTY AT 904 WEST OREGON STREET, URBANA

(44) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees request the University of Illinois Foundation to purchase the property at 904 West Oregon Street, Urbana, at a price of \$40,000 and lease the property to the University at a rental sufficient to pay the interest costs on a loan to the Foundation to finance acquisition of the property. It consists of a lot 65 feet by 112 feet and is improved with a two-story and basement

frame dwelling converted to a Sunday School building. This property is in the area of future expansion east of the Krannert Center for the Performing Arts.

I concur.

On motion of Mr. Williamson, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Swain.

**ACQUISITION OF PROPERTY AT 407 EAST
DANIEL STREET, CHAMPAIGN**

(45) The University has been negotiating with the owners of the property at 407 East Daniel Street, Champaign, required as a parking area for Stuart Pratt Sherman Hall at Fifth and Chalmers Streets.

The owners have been advised that a recommendation would be submitted to the Board of Trustees for the purchase of their property at a price of \$55,000 based on University appraisals, but this price is not acceptable to them. Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of acquisition of the property at 407 East Daniel Street, Champaign, through condemnation proceedings; and they further request authorization of settlement of the condemnation suit if such settlement can be agreed upon at a price that is within the appraisals received by the University.

Funds are available in the proceeds from the sale of revenue bonds to finance construction of this residence hall for graduate students.

I concur and recommend adoption of the following resolution.

**Resolution Authorizing Condemnation of Property Located
at 407 East Daniel Street, Champaign, Illinois**

Be It, and It Hereby Is Resolved, Found and Declared by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

Lot Three (3) in Block Three (3) of A. T. Hall's Replat of Lots 5, 6, 7 and 8 in Block 1; Lots 5, 6, 7, and 8 in Block 2 and Lots 1, 2, 3, 5, 6, and 7 and 8 in Block 3 of A. T. Hall's Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, and State of Illinois; and The East 44.5 feet of Lot One (1) of a Replat of Lots 6, 7, 8 and 12 of Block 3, Replat of Lots 5, 6, 7, and 8 Block 1, Lots 5, 6, 7 and 8 of Block 2 and Lots 5, 6, 7 and 8 of Block 3, of A. T. Hall's Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, and State of Illinois,

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for a vehicular parking area for students and staff members of the University of Illinois in the conduct of the educational functions of the University of Illinois and for other educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use, that funds are available to the University for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owners of said land through their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owners have refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continue to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owners of said property and they and it are unable to agree upon the purchase price to be paid

to said owners for the sale and conveyance of said land by said owners thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owners thereof for such land cannot be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Dilliard, the foregoing resolution was adopted, and authority was given as requested, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Swain.

**PURCHASE OF PROPERTY AT 912 WEST ILLINOIS STREET
AND 911 WEST HIGH STREET, URBANA**

(46) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University of Illinois Foundation be requested to purchase the property at 912 West Illinois Street and 911 West High Street, Urbana, at a price of \$120,000 and lease the property to the University at a rental sufficient to pay the interest on a bank loan to finance purchase of the property.

The property is adjacent to and east of the Illinois Street Residence Halls. It is improved with a two-story and basement brick thirteen-unit apartment building and a two-story and basement frame dwelling. The lot size is 76.2 feet by 219 feet (16,687 square feet).

I concur.

On motion of Mr. Jones, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Swain.

**ACQUISITION OF PROPERTY AT 808 SOUTH
FIFTH STREET, CHAMPAIGN**

(47) The University has been negotiating with the owner for purchase of the property at 808 South Fifth Street, Champaign, Illinois, required for expansion of parking facilities in the central area west of the campus. The property consists of a lot 57 feet by 49.5 feet (2,821.5 square feet) and is improved with a two and one-half story and basement frame building used for apartments and rooms. The owner has been advised that a recommendation would be submitted to the Board of Trustees for the purchase of this property at a price of \$28,500 based on University appraisals, but this price is not acceptable. The owner is asking \$42,000.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend authorization for the acquisition of the property at 808

South Fifth Street, Champaign, Illinois, through condemnation proceedings; and further request authorization of settlement of the condemnation suit if such settlement can be effected at a price that is within the appraisals received by the University.

I concur and request the adoption of the following resolution.

**Resolution Authorizing Condemnation of Property Located
at 808 South Fifth Street, Champaign, Illinois**

Be It, and It Hereby Is Resolved, Found and Declared by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

The North Fifty-seven (57) Feet of Lot Six (6) in Block Fourteen (14) of Assessor's Subdivision of Blocks Ten (10), Eleven (11) and Fourteen (14) of J. S. Wright's Addition to Champaign, situated in the City of Champaign, in the County of Champaign, and State of Illinois,

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for a vehicular parking area for students and staff members of the University of Illinois in the conduct of the educational functions of the University of Illinois and for other educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use, that funds are available to the University for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owners of said land through their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owners have refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continue to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owners of said property and they and it are unable to agree upon the purchase price to be paid to said owners for the sale and conveyance of said land by said owners thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owners thereof for such land cannot be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal

counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Pogue, the foregoing resolution was adopted, and authority was given as requested, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Swain.

ACQUISITION OF PROPERTY FOR PSYCHOLOGY BUILDING SITE

(48) The Board has authorized a request to the Illinois Building Authority to acquire properties needed as part of the site for the Psychology Building. All but two of the properties have been acquired, and these two are presently in condemnation proceedings instituted by the Illinois Building Authority.

A tract of ground, three inches by 87.35 feet, is not owned by any of the present owners of the property in the tract and has not been included in the negotiations. The land is owned by unknown parties, heirs of a former owner who subdivided the tract in 1907 and did not deed to the adjacent owners all of the property involved. This property is located north of 904 South Sixth Street.

In order to provide a complete site for the Psychology Building, it is necessary that this property be acquired, and the only feasible method of acquisition is through condemnation proceedings against the unknown heirs of the last grantor. The Director of the Physical Plant Department and the Vice-President and Comptroller recommend that the Board authorize the acquisition of this property through eminent domain and condemnation proceedings.

I concur.

Resolution Authorizing Condemnation of Property in Champaign, Illinois

Be It, and It Hereby Is Resolved, Found and Declared by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

The North Twenty-five Hundredths (.25) feet of the South One Hundred and Twenty-five Hundredths (100.25) feet of Lot Four (4) in Block One (1) of A. T. Hall's Addition to the City of Champaign, in Champaign County, Illinois is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, as a part of the site for a Psychology Building in the conduct of the educational functions of the University of Illinois and for other educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use, that funds are available to the University for the purchase of said land for said educational purposes; and the residences of the record owners of said land are unknown, and the names and residences of others who may be owners or otherwise interested therein are unknown, and cannot be ascertained; and

Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that by reason of the foregoing it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of

the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Williamson, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Swain.

**REQUEST TO THE ILLINOIS BUILDING AUTHORITY TO PURCHASE
PROPERTY AT 1302 WEST MAIN STREET, URBANA**

(49) The Board of Trustees has authorized a request to the Illinois Building Authority to acquire by condemnation proceedings the property at 1302 West Main Street, Urbana, Illinois, needed as part of the site for the Civil Engineering Building, Phase II. Subsequent negotiations with the owners have resulted in agreement to a price of \$25,825, which is within appraisals. Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Illinois Building Authority be requested to purchase the property at this price.

I concur and recommend adoption of the following resolution.

**Resolution Requesting Acquisition of Property at 1302 West Main Street,
Urbana, Illinois, by Illinois Building Authority**

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority, a body corporate and politic of the State of Illinois, duly organized and existing pursuant to "An Act to Create the Illinois Building Authority and to define its powers and duties" approved August 15, 1961, as amended, be, and hereby is requested to acquire for this public corporation in accordance with the Illinois Building Authority Act, the property at 1302 West Main Street, Urbana, Illinois described as follows:

Lot Ten (10) in Block Forty-two (42) in the Seminary Addition to Urbana, situated in the City of Urbana in the County of Champaign, and State of Illinois

at a purchase price of Twenty-five Thousand Eight Hundred and Twenty-five Dollars (\$25,825.00) and with title to be conveyed and possession delivered to the Illinois Building Authority not later than January 1, 1967.

Be It, and It Hereby Is Further Resolved that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized and directed, to execute in the name of, and on behalf of, this public corporation such lease agreement or other document or documents, and to secure and submit appraisals and such other documentation, as they may deem to be necessary or desirable in order to effectuate such conveyance of title to the Illinois Building Authority and to secure to this public corporation the beneficial use of said property.

On motion of Mr. Johnston, this recommendation was approved, and the foregoing resolution was adopted, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Swain.

On motion of Mr. Johnston, the Board adjourned.

A. J. JANATA
Secretary

HOWARD W. CLEMENT
President

BOARD COMMITTEE MEETINGS

Work sessions of the Committees on General Policy, Buildings and Grounds, and Finance were held in the afternoon, following adjournment of the Board.

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

September 21, 1966



The September meeting of The Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Wednesday, September 21, 1966, beginning at 10:00 a.m.

President Howard W. Clement called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Theodore A. Jones, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Mr. Irving Dilliard, Governor Otto Kerner, Mr. Ray Page, and Mr. Harold Pogue were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Vice-President Eldon Johnson; Chancellor Norman A. Parker, Chicago Circle; Chancellor Joseph S. Begando, Medical Center; Mr. C. S. Havens, Director of the Physical Plant; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. James J. Costello, Legal Counsel; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; and the officers of the Board, Mr. H. O. Farber, Comptroller; Mr. R. R. Manchester, Treasurer; and Mr. Earl W. Porter, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on March 16, 1966, and April 20, 1966, and of the Executive Committee on March 23, 1966, press proof copies of which had previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 1071 to 1160, inclusive.

VISITORS FROM INDIA

President Clement announced the presence of distinguished guests and asked Dr. Royden Dangerfield, Associate Provost, Director of International Programs, and Executive Director of Midwest Universities Consortium for International Activities, to introduce the following guests from India, who are visiting the University of Illinois, and who were invited to be guests of the Board at today's meeting: Dr. D. P. Singh, Vice-Chancellor, Uttar Pradesh Agricultural University; Dr. M. A. Quraishi, Minister of Agriculture, State of Uttar Pradesh; and Dr. T. C. R. Menon, Registrar, J. Nehru Agricultural University, Jabalpur.

MEMORIAL TO CHESTER R. DAVIS

Mr. Johnston presented the following:

The Board of Trustees of the University of Illinois records with profound sorrow the death on July 30, 1966, of Chester R. Davis, a former member of this Board.

Mr. Davis served his Country, his State, his University, and the Chicago metropolitan community for many years, in many ways. As a young man, just graduating from Lake Forest College in 1917 when the United States declared war on the central powers of Europe, he entered the Army and became a Captain of Infantry and served as a company commander in the 320th Infantry Regiment of the 80th Division in the American Expeditionary Forces in World War I. He was decorated with the Purple Heart. In later years, from 1940-47, he served as Brigadier General and Major General in the Illinois Reserve Militia.

Upon returning from military service in 1919, he enrolled in the University of Illinois College of Law. Following his graduation in 1922, he joined the Chicago Title and Trust Company serving in various posts until he retired as Senior Vice-President in 1960, but continued as a Director of the Company until 1963.

From 1955-57 he was Assistant Secretary of the Army for Financial Management; upon completion of that assignment he received the Exceptional Civilian Service Award from President Eisenhower.

His numerous civic activities in the Chicago area were concerned with mental health, the aged, crippled children, hospital planning, medical research, metropolitan planning, conservation, and numerous trusteeships.

He served on The Board of Trustees of the University of Illinois from 1940-49 and on several of its important committees. His membership on the Board was during a critical period in the University's history when it was called upon to serve in unprecedented ways both in wartime and in peacetime. He was a member of the University of Illinois Foundation and of the University's Citizens Committee which he helped to establish while he was a Trustee.

This Memorial is presented for the public record as a tribute to a former colleague and a devoted citizen, and as an expression of sympathy to his family.

This memorial was adopted by a standing vote.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

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, as amended, 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>
GEORGE J. BECK, JR.	Shaker Heights, Ohio	Ohio
GEORGE HARRY BECKWITH	Lombard, Illinois	California
WILLIAM GUSTAVE CHIECO	Manhasset, New York	New York
MALCOLM MCGREGOR DEVORE	Greenwich, Connecticut	California
EDWARD CHARLES DREHER, JR.	Buffalo Grove, Illinois	Wisconsin
DUANE ROYAL EGELAND	Park Forest, Illinois	District of Columbia
WILLIAM ELLSWORTH ELLINGSON	Arlington Heights, Illinois	North Dakota
ROBERT SCOTT HOBBS	Ottawa, Illinois	California
HUGH VINCENT HUNTER	Sherman Oaks, California	California
FRANCIS EUGENE KRUM	LaGrange, Illinois	Nebraska
NORMAN LASKO	Chicago, Illinois	Florida
JOHN RYAN MENDENHALL	Winnetka, Illinois	Ohio
ARTHUR LEROY SWANSON	Lake Forest, Illinois	Minnesota
JOHN MICHAEL WATKINS	Oak Park, Illinois	District of Columbia

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in May, 1966, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

VERNON HERBERT ABBOTT, Mount Prospect, Illinois	MARTIN LOUIS BARIFF, Chicago, Illinois
WILLIAM ALAN ADAMS, Steger, Illinois	JOHN WILLIAM BARKER, Chicago, Illinois
JOEL STEWART ADELMAN, Des Plaines, Illinois	ROBERT ANDREW BARKMAN, Flossmoor, Illinois
DONALD ALDERMAN, Homewood, Illinois	DONALD FRANCIS BARRETT, Chicago, Illinois
RICHARD ALFRED AMENDOLA, Palos Heights, Illinois	THOMAS JOHN BARTSCH, Aurora, Illinois
DONALD GLEN ANDERSON, Des Plaines, Illinois	GENE ALLEN BAUGH, Oak Park, Illinois
HENRY RUDOLPH ANDERSON, Rockford, Illinois	GARY GENE BELKIN, Chicago, Illinois
PAUL VINCENT ANGLIN, Chicago, Illinois	MARSHALL HOWARD BERMAN, Chicago, Illinois
THEODORE WALTER ANTOS, JR., Niles, Illinois	JOE RONALD BLACKBURN, Hazel Crest, Illinois
THOMAS FRANCIS ASHER, Addison, Illinois	JEFFREY DENNIS BLUMBERG, Chicago, Illinois
RONALD JAY ATLAS, Chicago, Illinois	JEFFREY ALAN BOTT, Chicago, Illinois
GEORGE EDWIN AUTIO, Rockford, Illinois	ROGER HUBERT BOWEN, Lake Bluff, Illinois
DONALD WILLIAM BAILEY, Springfield, Illinois	NORMAN DAVID BREYER, Chicago, Illinois
DONALD PAUL BAIOCCHI, Chicago, Illinois	HERMAN BROCK, Chicago, Illinois
THOMAS JOHN BANNON, Oak Park, Illinois	JOSEPH FRANCIS BRUMLEVE, Evanston, Illinois

- VINCENT CLEMENT BURBACH, Racine,
Wisconsin
- MICHAEL PAUL BURNS, Dolton, Illinois
- NICHOLAS JAMES CACCAMO, Chicago,
Illinois
- JAMES RICHARD CANTALUPO, Chicago,
Illinois
- DANIEL PATRICK CASEY, Rockford,
Illinois
- CRAIG EDWARD CASTLE, Fond du Lac,
Wisconsin
- JOSEPH RICHARD CATES, Decatur,
Illinois
- ROBERT JOSEPH CLAYTON, Glen Ellyn,
Illinois
- THOMAS MARTIN CONLEY, River Forest,
Illinois
- ALAN DUANE CORNUE, Woodstock,
Illinois
- JAY HAMMOND COUNTHAN, Palatine,
Illinois
- DAVID GEORGE DALY, Maywood, Illinois
- MELVIN DAVID, Skokie, Illinois
- ROBERT ANTHONY DEBELAK,
Westchester, Illinois
- GERALD LUTRELLE DEGOOD, Arlington
Heights, Illinois
- WILLIAM OSCAR DERGE, Chicago,
Illinois
- JOHN THOMAS DILLON, Park Forest,
Illinois
- ROBERT CARL DOLD, Chicago, Illinois
- DOUGLAS DENNIS DONOVAN, Oak Park,
Illinois
- FRANK JOHN DOTI, Melrose Park,
Illinois
- MICHAEL FOSTER DUHL, Lincolnwood,
Illinois
- JAMES FRANK EHRENBERG, DeKalb,
Illinois
- LEROY MICHAEL ELLGASS, Des Plaines,
Illinois
- DONALD EUGENE ELLINGTON,
Springfield, Illinois
- DAVID EDWARD EMERSON, DeKalb,
Illinois
- JAMES WILSON EWING III, Wheaton,
Illinois
- SANFORD FELDMAN, Skokie, Illinois
- JACK WILLIAM FIENE, Champaign,
Illinois
- ALLAN FILEK, Oak Park, Illinois
- DENNIS PATRICK FLYNN, Danville,
Illinois
- THOMAS MICHAEL FLYNN, Calumet
Park, Illinois
- RICHARD STANLEY FRIEST, Wheaton,
Illinois
- CHESTER GLENN ALLEN FULLER, Roselle,
Illinois
- ROBERT NEIL FULLER, Erie, Illinois
- ROBERT RONALD GALLAGHER, Peoria,
Illinois
- LOUIS VICTOR GASPARD, Chicago,
Illinois
- OTTO FRANK GAUS, Chicago, Illinois
- WILLIAM THOMAS GEARY, Chicago,
Illinois
- RICHARD ALAN GORDON, Chicago,
Illinois
- DAVID ANDREW GOTCH, Chicago, Illinois
- WILLIAM CHARLES GROSS, Westmont,
Illinois
- JOHN HARRY GROUSTRA, Geneva, Illinois
- WAYNE GULBRANSEN, Chicago, Illinois
- ROBERT LOUIS GUNDRUM, Arlington
Heights, Illinois
- EDWARD GUZIAK, Chicago, Illinois
- LLOYD STANLEY HALE, Country Club
Hills, Illinois
- DAVID ALBERT HANNA, Skokie, Illinois
- JESSE ALAN HARKNESS, East St. Louis,
Illinois
- JOHN JAMES HARTE, Chicago, Illinois
- COURTLAND OTTO HAUGEN, Rockford,
Illinois
- WILLIAM IRVIN HEMANN, Champaign,
Illinois
- DONALD EDWIN HERBERT, Chicago,
Illinois
- JOEL GEORGE HERTER, Villa Park,
Illinois
- JOHN JAMES HICKEY, JR., Chicago,
Illinois
- RONALD LEROY HUBRICH, Chicago,
Illinois
- JAMES MARTIN HUGHES, Chicago,
Illinois
- STEPHEN FRANCIS JABLONSKY, Rock
Falls, Illinois
- EDWARD WAYNE JEANBLANC, Franklin
Grove, Illinois
- LANSING KENT JOHANSEN, Maryville,
Tennessee
- WILLIAM KENNETH JOHNSON,
Bloomington, Illinois
- EDWARD ROBERT KAIN, Villa Park,
Illinois
- TAISTO KATAJA, Waukegan, Illinois
- FREDERIC CHARLES KAUTZ, Park Forest,
Illinois
- GLENN ARTHUR KILLOREN, Palatine,
Illinois
- FREDERICK EUGENE KIPP, Rochelle,
Illinois
- WILLIAM EDWARD KNOTT, Wheaton,
Illinois
- BYRON LEVI KRAUSE, Richton Park,
Illinois

- DENNIS ROBERT KRONER, Chicago, Illinois
 JOHN EDWARD KRONVALL, Homewood, Illinois
 BRUCE EDWARD KROPSCHOT, Des Plaines, Illinois
 JAMES PAUL KRUEGER, Chicago, Illinois
 ROBERT JOHN KUEHNAU, Elk Grove, Illinois
 ROBERT MARVIN LAKIN, Skokie, Illinois
 VINCENT LUCENA LANUZA, JR., Chicago, Illinois
 CHRISTIAN ERNST LAU, Chicago, Illinois
 JOHN JACOB LAWRENCE, Decatur, Illinois
 DONALD JERRY LEAF, Skokie, Illinois
 THOMAS KIRKEBY LENEHEN, Chicago, Illinois
 CHARLES RALPH LEVUN, Chicago, Illinois
 BURTON HOWARD LITWIN, Chicago, Illinois
 PAUL EDWARD LOHNEIS, Huntley, Illinois
 DANIEL ALVIN LUECHTEFELD, Mascoutah, Illinois
 GEORGE ALBERT LUSCOMBE II, Clinton, Illinois
 MARTIN ANDREW LYNCH, Riverdale, Illinois
 THOMAS G. LYNCH, Norridge, Illinois
 JOHN JACOB MADDEN, Champaign, Illinois
 DAVID MALIN, Skokie, Illinois
 MICHAEL WILLIAM MANNING, Chicago, Illinois
 PHILIP IRWIN MAPPA, Chicago, Illinois
 RICHARD EDWARD MARTIN, Bellwood, Illinois
 ROBERT JAMES MARZEC, Chicago, Illinois
 THOMAS RICHARD MAVRINAC, Chicago, Illinois
 EDWARD CHARLES McAULIFF, Mount Prospect, Illinois
 WALLACE WRIGHT McCALLUM, Green Bay, Wisconsin
 JOHN MICHAEL McCARTHY, Chicago, Illinois
 JOSEPH JEREMIAH McNAMARA, Decatur, Illinois
 CHARLES FREDERICK MEIER, Chicago, Illinois
 JOEL BARRY MEYER, Skokie, Illinois
 JOHN DAVID MEYER, Park Forest, Illinois
 PAUL JOHN MIEDONA, Villa Park, Illinois
 JAMES ARNOLD MILLER, Chicago, Illinois
 LEON MOORE, Chicago, Illinois
 ALAN MILES MORGAN, Chicago, Illinois
 WILLIAM JOHN MORRISON, Decatur, Illinois
 JAMES DUANE MOTLEY, Urbana, Illinois
 ROGER PAUL MROZ, Glenview, Illinois
 JAMES THOMSON MUELLER, Park Forest, Illinois
 JOHN JOSEPH MULKERIN, Chicago, Illinois
 PHILLIP ABBA NAGLE, Chicago, Illinois
 LEONARDUS HENDRIKUS NEGGERS, Hoffman Estates, Illinois
 WILLIAM CLAUS NICOLL, Des Plaines, Illinois
 PATRICK JOHN NUGENT, Chicago, Illinois
 DOUGLAS WAYNE OBERLINK, Godfrey, Illinois
 PAUL MARTIN ORZECH, Barrington, Illinois
 JOHN PANAGAKIS, Chicago, Illinois
 TED PASTERNAK, Des Plaines, Illinois
 GAROLD LESLIE PAXSON, JR., Oak Park, Illinois
 BRUCE WAGNER PAYNE, Chicago, Illinois
 JAMES MICHAEL PERKINS, JR., Des Plaines, Illinois
 PHILLIP RAYMOND PETERSON, Chicago, Illinois
 DAVID COHN PHILLIPS, Park Forest, Illinois
 RONALD RALPH PICKING, Chicago, Illinois
 WILLIAM ROBERT POSTON, Belleville, Illinois
 JOHN MICHAEL PRENDERGAST, Chicago, Illinois
 WILLIAM RICHARD PRICE, Ashland, Illinois
 THEODORE ARNOLD RAND, Aurora, Illinois
 ROBERT KEITH REA, Woodside, New York
 RICHARD PATRICK RUFFALO, Chicago, Illinois
 ROBERT WILLIAM RYAN, Chicago, Illinois
 WILLIAM JOSEPH St. AMOUR, Muskegon, Michigan
 DONALD LEROY SAMPLE, Mount Prospect, Illinois
 MICHAEL IVAN SANTOW, Oak Park, Illinois
 DAVID BRUCE SARVER, Chicago, Illinois
 GARY MICHAEL SAUNDERS, Western Springs, Illinois
 DELORES ROSE SCHMIDT, Chicago, Illinois
 HOWARD KENNETH SCHMIDT, Des Plaines, Illinois
 DAVID ROBERT SCHMISSEUR, East Alton, Illinois
 RICHARD GENE SCHROEDER, Oak Park, Illinois

- ROBERT ANTHONY SCHURER, Chicago, Illinois
 ROBERT DICK SELINGER, Lincolnwood, Illinois
 CHARLES ROBERT SHARP, Champaign, Illinois
 CAROLYN B. SIEFERMAN, Chicago, Illinois
 GARY HOWARD SIEGEL, Skokie, Illinois
 EARL LEON SIMON, Skokie, Illinois
 JOHN RAYMOND SIMON, Joliet, Illinois
 MORTON SKIDELSKY, Chicago, Illinois
 FREDERICK JOHN SLAMIN, Chicago, Illinois
 RALPH EDWARD SMITH, McHenry, Illinois
 JAY HARRY SOLOMON, Chicago, Illinois
 PAUL LEO SOMMERER, Chicago, Illinois
 JAMES OXLEY SPELLMAN, Lincoln, Illinois
 MARTIN DAVID STANTON, Roselle, Illinois
 VAN TAYLOR STARBUCK, LaGrange Park, Illinois
 MICHAEL JOHN STARSHAK, Berwyn, Illinois
 JAMES STEPHEN STEFO, Oak Park, Illinois
 CHARLES ANDREW STEPKE, Chicago, Illinois
 JOEL ALAN STONE, Des Plaines, Illinois
 SHIRL DEAN STRAUSSER, Carbondale, Illinois
 ROBERT GEORGE STREIT, Northfield, Illinois
 ERIC FRED STUHLMANN, Lombard, Illinois
 LOWELL JACKSON TACKITT, Joliet, Illinois
 THOMAS MICHAEL TALLARICO, Chicago, Illinois
 DAVID LEE TAYLOR, Chicago, Illinois
 GERALD MARTIN TENNER, Chicago, Illinois
 MICHAEL PATRICK TERRY, Chicago, Illinois
- EARLE RAYMOND TOCKMAN, Chicago, Illinois
 JANET ELISE TONSING, Chicago, Illinois
 RICHARD HOWARD TOWERS, LaGrange Park, Illinois
 JOHN CALVIN TRAVIS, Park Forest, Illinois
 GEORGE CONROY TRENT, Chicago, Illinois
 SALVATORE ANTHONY TROVATO, Chicago, Illinois
 CARL JAMES VARLEY, Park Forest, Illinois
 ECKHARD VEDDER, Downers Grove, Illinois
 RICHARD PAUL VOGELMAN, Crystal Lake, Illinois
 JAMES GORDON WATSON, Naperville, Illinois
 DELBERT JOHN WEBB, Rockford, Illinois
 RICHARD DALE WEBB, Elmwood Park, Illinois
 RICHARD BERTHOLD WEIL, Chicago, Illinois
 EILA AHNGER WEISMAN, Chicago, Illinois
 CLARENCE DAVID WELL, Mattoon, Illinois
 DONALD GEORGE WENZEL, Lyons, Illinois
 ROGER EDWARD WESLEY, Chicago, Illinois
 DAVID ALEXANDER WHINSTON, New York, New York
 TERRY KALTEN WILKINS, Oak Park, Illinois
 STEVEN VERN WILKINSON, Wheaton, Illinois
 MICHAEL PHILIP WITKIN, Evanston, Illinois
 HOWARD PERSHING WOERNER, Chicago, Illinois
 LAWRENCE GEORGE WOLSKI, Chicago, Illinois
 LEO WALTER WYSOCKI, Chicago, Illinois
 JOSEPH THOMAS ZIEMINSKI, Chicago, Illinois

I concur.

On motion of Mr. Jones, these certificates were awarded.

NONSALARIED FACULTY OF THE COLLEGE OF MEDICINE, 1966-67

(2) Upon recommendations of the Dean of the College of Medicine and the Chancellor at the Medical Center, and with the concurrence of the Executive Vice-President and Provost, I have approved appointments and reappointments to the nonsalaried faculty of the College of Medicine for the academic year beginning September 1, 1966. The list of these appointments is being filed with the Secretary of the Board for record, and his office will issue the usual notices to the appointees.

The filing of the list of these nonsalaried appointments with the Secretary of the Board and filing of the appointment notices with all officials concerned should constitute an adequate record. Hence, it is proposed that the former practice of printing the names in the Board minutes be discontinued.

Following is a comparative summary of the number of appointments in each department for the years 1965-66 and 1966-67.

<i>Department</i>	Summary	
	<i>1965-66</i>	<i>1966-67</i>
Anatomy.....	7 (1)*	6 (1)
Biological Chemistry.....	19	19
Dermatology.....	30 (2)	29 (4)
Medical Social Work.....	4	5
Medicine.....	315 (28)	316 (31)
Microbiology.....	8	11 (1)
Neurology and Neurological Surgery.....	23 (1)	22 (1)
Obstetrics and Gynecology.....	103 (4)	104 (4)
Occupational Therapy.....	4	3
Ophthalmology.....	54 (5)	61 (4)
Orthopaedic Surgery.....	26 (3)	28 (3)
Otolaryngology.....	65 (9)	66 (9)
Pathology.....	49 (2)	47 (3)
Pediatrics.....	91 (6)	94 (6)
Pharmacology.....	4	4
Physical Medicine and Rehabilitation.....	5	6
Physiology.....	2 (1)	3 (2)
Preventive Medicine.....	17 (1)	0
Preventive Medicine and Community Health.....	0	24 (1)
Psychiatry.....	151 (2)	152 (4)
Public Health.....	6	0
Radiology.....	34 (1)	35 (1)
Surgery (including Urology and Anesthesiology).....	247 (15)	245 (19)
	1 264 (81)	1 278 (93)

On motion of Mrs. Watkins, the appointments were confirmed, and the proposal that the names not be printed in the minutes 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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A — indefinite tenure; B — two years; D — one year; E — nine months from the beginning of the academic year; G — special tenure; Y — twelve months' service required instead of two semesters.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

1. AHART, JOHN C., Assistant Professor of Speech, Department of Speech and Theatre (Urbana), beginning September 1, 1966, at an annual salary of \$9,500 (B).
2. AMICO, ROBERT L. J., Assistant Professor of Architecture (Urbana), beginning September 1, 1966, at an annual salary of \$9,500 (D).
3. ANDERSON, RAYMOND F., Assistant Professor of Oral Diagnosis, College of Dentistry, two-fifths time, beginning September 1, 1966, at an annual salary of \$3,800 (DY40).
4. AXFORD, ROY A., Associate Professor of Nuclear Engineering (Urbana), for two years from September 1, 1966, at an annual salary of \$15,000 (G).
5. BADGER, DONALD W., Assistant Professor of Physiology and Biophysics (Urbana), beginning September 1, 1966, at an annual salary of \$9,500 (B).
6. BEATTIE, JAMES K., Assistant Professor of Inorganic Chemistry, Department of Chemistry and Chemical Engineering (Urbana), beginning September 1, 1966, at an annual salary of \$9,000 (B).
7. BELLIN, LEON, Associate Professor of Art (Chicago Circle), for two years from September 1, 1966, at an annual salary of \$10,500 (G).
8. BERNICK, NILES, Assistant Professor of Psychology, Department of Psychiatry, College of Medicine, beginning September 1, 1966, at an annual salary of \$10,000 (BY).
9. BIRCHER, ANDREA U., Assistant Professor of Nursing, beginning August 15, 1966, at an annual salary of \$13,500 (DY).

* The figures in parentheses indicate the number of emeritus members.

10. BONTEMPS, ARNA, Visiting Professor of History, one-half time, and of English, one-half time (Chicago Circle), beginning September 1, 1966, at an annual salary of \$15,000 (D).
11. BOYER, JOHN S., Assistant Professor of Botany (Urbana), beginning September 1, 1966, at an annual salary of \$9,700 (B).
12. BOYER, L. T., Assistant Professor of Civil Engineering (Urbana), beginning September 1, 1966, at an annual salary of \$8,700 (B).
13. BROWN, JOHN W., Assistant Professor of Mathematics (Urbana), beginning September 1, 1966, at an annual salary of \$9,600 (B).
14. BUNCE, LOUIS, Visiting Professor of Art (Urbana), for four and one-half months from February 1, 1967, at a salary of \$8,000 (E).
15. CAFOUREK, VACLAV V., Associate Professor of Architecture (Urbana), for two years from September 1, 1966, at an annual salary of \$14,000 (G).
16. CARHART, RICHARD A., Assistant Professor of Physics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$10,000 (D).
17. CHALFANT, JAMES C., Assistant Professor of Special Education and in the Institute for Research on Exceptional Children (Urbana), beginning September 1, 1966, at an annual salary of \$11,000 (D).
18. CLEM, WILLIAM H., Assistant Professor of Endodontics, College of Dentistry, one-half time, beginning September 1, 1966, at an annual salary of \$5,000 (DY50).
19. CLINE, ATHOL L., Assistant Professor of Biological Chemistry, College of Medicine, beginning September 1, 1966, at an annual salary of \$11,500 (DY).
20. COHEN, LESLIE B., Assistant Professor of Psychology (Urbana), beginning December 1, 1966, at an annual salary of \$9,250 (B).
21. COLEMAN, PETER J., Associate Professor of History (Chicago Circle), beginning September 1, 1966, at an annual salary of \$13,000 (A).
22. DANA, EUGENE, Associate Professor of Art (Chicago Circle), for two years from September 1, 1966, at an annual salary of \$11,500 (G).
23. DODSON, OSCAR H., Director of Classical and European Culture Museum (Urbana), beginning September 1, 1966, at an annual salary of \$12,000 (D).
24. DONALDSON, JAMES A., Assistant Professor of Mathematics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,000 (B).
25. DORJAHN, ALFRED P., Visiting Professor of Classics, Department of English (Chicago Circle), beginning September 1, 1966, at an annual salary of \$11,500 (D).
26. DOW, JAMES W., Professor of Medicine, College of Medicine (Medical Center), and Professor of Bioengineering, Department of Information Engineering (Chicago Circle), beginning June 1, 1966, at an annual salary of \$19,550 (AY).
27. DYSON, VERENA H., Assistant Professor of Mathematics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,400 (B).
28. ENTHOVEN, ADOLF, Visiting Professor of Accountancy (Urbana), for four and one-half months from February 1, 1967, at a salary of \$7,500 (E).
29. EVANS, CAMPBELL K., Assistant Professor of Finance (Urbana), beginning September 1, 1966, at an annual salary of \$10,000 (D).
30. EWING, BEN B., Professor of Civil and Nuclear Engineering, one-half time, and Director of the Water Resources Center, Graduate College, one-half time (Urbana), beginning September 1, 1966, at an annual salary of \$16,000 (A50; D50).
31. FIELDING, ANTHONY J., Visiting Assistant Professor of Geography (Chicago Circle), beginning September 1, 1966, at an annual salary of \$10,000 (D).
32. FITZGERALD, PAUL R., Professor of Veterinary Parasitology, Department of Veterinary Pathology and Hygiene, College of Veterinary Medicine (Urbana), beginning September 1, 1966, at an annual salary of \$17,000 (AY).
33. GARBARINO, MERWYN, Assistant Professor of Sociology and Anthropology (Chicago Circle), beginning September 1, 1966, at an annual salary of \$8,800 (D).
34. GERLICH, DAVID A., Visiting Research Associate Professor of Physics (Urbana), for three months from July 16, 1966, at a salary of \$4,000 (G).
35. GOLDBERG, HOWARD, Assistant Professor of Physics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$10,000 (B).
36. GOLDMAN, MANUEL, Assistant Professor of Biological Sciences (Chicago Circle), beginning September 1, 1966, at an annual salary of \$11,500 (B).

37. GRAVES, IDELLA L., Assistant Professor of Physical Education for Women (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,200 (D).
38. GRAY, BRAYTON I., Assistant Professor of Mathematics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,400 (B).
39. GREWE, RUDOLF, Assistant Professor of Philosophy (Urbana), beginning September 1, 1966, at an annual salary of \$10,000 (D).
40. GUGENHEIM, VICTOR K. A. M., Professor of Mathematics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$18,000 (A).
41. GUSTAFSON, WILLIAM C., Assistant Professor of Civil Engineering (Urbana), beginning September 1, 1966, at an annual salary of \$8,500 (B).
42. GYGAX, PETER W., Associate Professor of Architecture (Chicago Circle), beginning September 1, 1966, at an annual salary of \$12,000 (A).
43. HADDAD, ABRAHAM H., Assistant Professor of Electrical Engineering (Urbana), beginning September 1, 1966, at an annual salary of \$9,200 (B).
44. HANLON, MARY SUE, Assistant Professor of Biological Chemistry, College of Medicine, beginning September 1, 1966, at an annual salary of \$12,000 (DY).
45. HARRINGTON, DANIEL G., Director of Language Laboratory and Assistant Professor of German (Chicago Circle), beginning September 1, 1966, at an annual salary of \$14,500 (BY).
46. HEADINGTON, JOHN T., Assistant Professor of Pathology, assigned to Faculty of Medicine, Chiangmai Hospital, Thailand, Agency for International Development, for the period from August 1-5, 1966, and from August 27, 1966, through August 23, 1968, at an annual salary of \$17,750 (FY).
47. HENDERSON, JOSEPH J., JR., Assistant Professor of Agricultural Law, Department of Agricultural Economics (Urbana), beginning July 1, 1966, at an annual salary of \$10,000 (DY).
48. HOLMES, FRANCIS O., Visiting Professor of Botany (Urbana), for nine months from September 1, 1966, at a salary of \$18,100 (G).
49. JOHNSON, WILLIAM D., Visiting Assistant Professor of Secondary and Continuing Education, one-half time, and of Student Teaching, one-half time (Urbana), beginning September 1, 1966, at an annual salary of \$11,500 (D).
50. KAZEPIDES, ANASTASIOS, Visiting Assistant Professor of Education, Department of History and Philosophy of Education (Urbana), for the academic year 1966-67, at a salary of \$9,000 (E).
51. KOSOBUD, RICHARD F., Visiting Associate Professor of Economics (Chicago Circle), one-third time, for three months from September 16, 1966, at a salary of \$1,500 (G33).
52. KOSTKA, ROBERT A., Assistant Professor of Art (Chicago Circle), beginning September 1, 1966, at an annual salary of \$10,500 (D).
53. KRIEGER, STEPHAN J., Assistant Professor of Physics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$10,300 (D).
54. LEFFERS, LLOYD A., Assistant Professor of Architecture (Urbana), beginning September 1, 1966, at an annual salary of \$10,000 (D).
55. LEVELT, WILHELMUS J. M., Research Assistant Professor in the Institute of Communications Research, for the month of August, 1966, at a salary of \$1,000 (G); and Visiting Assistant Professor of Psychology (Urbana), for four and one-half months from September 16, 1966, at a salary of \$4,500 (E).
56. LICHTER, EDWARD A., Associate Professor of Preventive Medicine and Community Health, College of Medicine, beginning September 16, 1966, at an annual salary of \$18,000 (DY).
57. LIPSCHUTZ, CLARENCE, Consultant with rank of Assistant Professor, in the Jane Addams Graduate School of Social Work (Chicago Circle), beginning September 1, 1966, at an annual salary of \$10,500 (D).
58. MACLEOD, ELLIS G., Assistant Professor of Entomology (Urbana), beginning September 1, 1966, at an annual salary of \$10,000 (B).
59. MASUCCI, MICHAEL J., Assistant Professor of Educational Psychology (Urbana), beginning September 1, 1966, at an annual salary of \$9,750 (D).
60. MCCLELLAND, DAN R., Staff Associate in the Office of the President (Urbana), beginning July 16, 1966, at an annual salary of \$10,000 (DY).
61. MILGRAM, RICHARD J., Assistant Professor of Mathematics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$10,200 (B).
62. MILLMAN, JASON, Visiting Associate Professor of Educational Psychology,

- Center for Instructional Research and Curriculum Evaluation (Urbana), one-half time, for the academic year 1966-67, at a salary of \$6,000 (E50).
63. MINKOWYCZ, W. J., Assistant Professor of Heat Transfer, Department of Energy Engineering (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,500 (B).
 64. NOTARAS, ALEXANDER, Professor of Architecture (Urbana), beginning September 1, 1966, at an annual salary of \$16,000 (D).
 65. OLACH, MILAN A., Assistant Professor of Architecture (Urbana), one-half time, beginning September 1, 1966, at an annual salary of \$4,000 (B50).
 66. PERLBERG, ARYE, Visiting Research Associate Professor of Vocational and Technical Education, one-half time, and Visiting Research Associate Professor of General Engineering, one-half time (Urbana), for the academic year 1966-67, at a salary of \$11,600 (E).
 67. PIPER, FREDERICK C., Visiting Assistant Professor of Mathematics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$10,000 (D).
 68. PRASHER, A. LAVONNE, Assistant Professor of English (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,500 (B).
 69. REDMANN, HOWARD W., Assistant Professor of Pedodontics, College of Dentistry, two-fifths time, beginning September 1, 1966, at an annual salary of \$5,000 (DY40).
 70. REED, CHARLES A., Professor of Biological Sciences, three-fifths time, and Professor of Anthropology, Department of Sociology and Anthropology, two-fifths time (Chicago Circle), beginning September 1, 1966, at an annual salary of \$12,500 (A).
 71. ROBBINS, MELVYN P., Research Assistant Professor of Special Education, Institute for Research on Exceptional Children and Children's Research Center, Graduate College (Urbana), beginning September 1, 1966, at an annual salary of \$10,000 (D).
 72. ROSEN, ALEXANDER J., Assistant Professor of Psychology (Chicago Circle), beginning September 1, 1966, at an annual salary of \$10,400 (B).
 73. SANDERSON, WARREN, Associate Professor of Art (Chicago Circle), for two years from September 1, 1966, at an annual salary of \$12,500 (G).
 74. SCHWARTZ, MILDRED, Associate Professor of Sociology and Anthropology (Chicago Circle), for two years from September 1, 1966, at an annual salary of \$11,500 (G).
 75. SHACK, WILLIAM A., Associate Professor of Sociology, Department of Sociology and Anthropology (Chicago Circle), for two years from September 1, 1966, at an annual salary of \$13,000 (G).
 76. SHAPIRO, KARL, Professor of English (Chicago Circle), beginning September 1, 1966, at an annual salary of \$20,000 (A).
 77. SIMON, JAMES E., Assistant Professor of Architecture (Urbana), beginning September 1, 1966, at an annual salary of \$10,500 (D).
 78. SOLOMON, JULIUS, Assistant Professor of Physics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$10,000 (D).
 79. SWAIM, ROLAND, Director of Educational Placement and Assistant Professor of Education (Chicago Circle), beginning September 1, 1966, at an annual salary of \$13,500 (DY).
 80. SWAMINATHAN, SRINIVASA, Visiting Assistant Professor of Mathematics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$11,500 (D).
 81. TELLEZ, EUGENIO, Visiting Assistant Professor of Art (Urbana), for the academic year 1966-67, at a salary of \$9,000 (E).
 82. VAN DEN DAELN, LELAND D., Assistant Professor of Child Development, Department of Home Economics (Urbana), beginning September 1, 1966, at an annual salary of \$11,000 (DY).
 83. VAN LANDUYT, JOSEPH F., Research Assistant Professor of Mining, Metallurgy, and Petroleum Engineering (Urbana), beginning October 1, 1966, at an annual salary of \$10,500 (DY).
 84. VAN LEEUWEN, LEONARDUS C. A., Visiting Associate Professor of Mathematics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$12,000 (D).
 85. WALKER, ROBERT W., Assistant Professor of Vocational and Technical Education, one-half time, and Counselor, Council on Teacher Education, one-half time (Urbana), beginning September 1, 1966, at an annual salary of \$13,000 (BY50; DY50).

86. WATSON, THOMAS R., Associate Professor of Chemistry, College of Pharmacy, one-half time, beginning September 1, 1966, at an annual salary of \$5,600 (D50).
87. WEISS, MARY C., Professor of Mathematics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$19,000 (A).
88. WEST, CHARLES K., Assistant Professor of Educational Psychology (Urbana), for seven months from February 1, 1967, at a salary of \$5,000 (D).
89. WU, CHIEN-HENG, Assistant Professor of Materials Engineering (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,200 (D).
90. YEN, BEN CHIE, Assistant Professor of Civil Engineering (Urbana), beginning September 1, 1966, at an annual salary of \$9,000 (B).

On motion of Mr. Swain, these appointments were confirmed.

**DEANSHIP OF COLLEGE OF LIBERAL ARTS AND SCIENCES,
CHICAGO CIRCLE**

(4) The Chancellor at Chicago Circle has recommended the appointment of Daniel C. McCluney, Jr., presently Professor and Head of the Department of German, as Professor of German on indefinite tenure and Acting Dean of the College of Liberal Arts and Sciences at Chicago Circle for one year from September 1, 1966, at an annual salary of \$24,000 on a twelve months' service basis.

Professor McCluney will succeed Acting Dean Stanley L. Jones who will return to full-time service in the Department of History as its Chairman.

The Dean of the Graduate College and the Executive Vice-President and Provost concur in this recommendation.

I have approved this appointment and request confirmation of my action.

On motion of Mr. Williamson, this appointment was confirmed.

DEAN OF STUDENT AFFAIRS, CHICAGO CIRCLE

(5) The Chancellor at Chicago Circle has recommended the appointment of Robert E. Corley, Professor of Sociology at Chicago Circle, as Professor of Sociology on indefinite tenure and Acting Dean of Student Affairs at Chicago Circle for one year from September 1, 1966, at an annual salary of \$16,500 on a twelve months' service basis.

Dean Corley will replace Dean Robert M. Crane who is now Staff Associate in the Chancellor's Office.

The Dean of the Graduate College and the Executive Vice-President and Provost concur.

I have approved this appointment and request confirmation of my action.

On motion of Mr. Johnston, this appointment was confirmed.

DIRECTOR OF ADMISSIONS AND RECORDS, CHICAGO CIRCLE

(6) Leslie W. Sandy, formerly Assistant University Dean of Admissions and Records at Urbana, has been appointed Director of Admissions and Records at Chicago Circle beginning September 1, 1966, at an annual salary of \$16,000 on a twelve months' service basis.

I request confirmation of this appointment which will fill the vacancy created by the resignation of former Director H. E. Temmer who has accepted a position in California.

On motion of Mr. Hughes, this appointment was confirmed.

**HEADSHIP OF DEPARTMENT OF RECREATION AND MUNICIPAL
PARK ADMINISTRATION, URBANA**

(7) The Dean of the College of Physical Education recommends the appointment of Dr. Allen V. Sabora, presently a member of the faculty of the College, as Professor of Recreation, on indefinite tenure, and as Head of the Department of Recreation and Municipal Park Administration, beginning September 1, 1966, at an annual salary of \$16,800, divided: \$15,800 as Professor of Recreation, and \$1,000 as Head of the Department of Recreation and Municipal Park Administration, on an academic year service basis.

Professor Charles K. Brightbill, who served as Head of the Department since it was established in 1957, died on August 23. He had previously asked to be relieved of his administrative responsibilities to devote more time to teaching, research, and writing.

Professor Sapora's appointment is recommended following consultation with all members of the Department, who are unanimous in support of Dr. Sapora's appointment as the new Head. The Dean of the Graduate College and the Executive Vice-President and Provost concur.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

OFFICE OF INTERNATIONAL AGRICULTURAL PROGRAMS, URBANA

(8) The Dean of the College of Agriculture, with the concurrence of the Executive Vice-President and Provost, recommends that an Office of International Agricultural Programs be established in the College of Agriculture for the planning, development, and coordination of a college-wide program of teaching, research, graduate training, and public service activities in international agriculture.

The Office would be staffed by an executive officer with the title Director, and this officer would also be designated Associate Dean of the College of Agriculture.

The Office of International Agricultural Programs would serve as the focal point for international programs, both intramural and extramural, of the College of Agriculture. It is anticipated that the Director would serve on University-wide committees related to international programs and would thus contribute to the development of broad programs for the University.

The Dean of the College of Agriculture further recommends that Dr. George K. Brinegar, presently Assistant Director of the Agricultural Experiment Station and Professor of Agricultural Economics, be appointed Professor of Agricultural Economics on indefinite tenure and Associate Dean of the College of Agriculture and Director of International Agricultural Programs for one year beginning September 1, 1966, on a twelve months' service basis. Provision has already been made in the budget for 1966-67 for his salary in the former position, and there is no budgetary implication involved in the new appointment.

The Executive Vice-President and Provost and the Dean of the Graduate College concur in this appointment.

I recommend approval of the appointment and of the establishment of the Office of International Agricultural Programs, in the College of Agriculture.

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

REAPPROPRIATION OF UNEXPENDED BALANCES

(9) The Vice-President and Comptroller recommends that the following balances in budget appropriations June 30, 1966, be carried forward for the fiscal year beginning July 1, 1966, in accordance with the usual policy.

I concur.

On motion of Mr. Swain, these reappropriations were approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page, Mr. Pogue.

<i>Urbana-Champaign</i>	
President's Office	\$ 11 480 00
Executive Vice-President and Provost	22 590 00
Vice-President and Comptroller	4 578 00*
Admissions and Records	10 940 00
Legal Counsel	165 00*
Nonacademic Personnel	406 00*
Public Information	5 166 00
Dean of Students	3 095 00
Health Service	13 106 00
Agriculture	14 936 00*
Commerce and Business Administration	3 820 00
Education	3 123 00
Engineering	18 343 00
Fine and Applied Arts	28 029 00
Graduate College	10 820 00

* Deduct.

Journalism and Communications.....	\$	3 478 00	
Law.....		1 971 00*	
Liberal Arts and Sciences.....		3 159 00*	
Physical Education.....		608 00	
University Extension.....		15 507 00*	
Veterinary Medicine.....		416 00	
Armed Forces.....		501 00	
Institute of Aviation.....		11 709 00	
Institute of Government and Public Affairs.....		510 00	
Institute of Labor and Industrial Relations.....		614 00	
School of Social Work.....		1 026 00	
Summer Session.....		244 00	
University Press.....		16 172 00*	
Libraries and Library School.....		37 929 00*	
Physical Plant:			
Regular operation and maintenance	\$211 619 00		
Renewals and replacements.....	206 024 00		
Special items.....	122 916 00	540 559 00	
Unexpended plant:			
Dixon Springs remodeling garage building.....	6 160 00		
Forestry special equipment.....	2 100 00		
Student Teaching Laboratory.....	17 600 00		
University High School special equipment.....	7 952 00		
Civil Engineering HMRL equipment replacement.....	44 051 00		
Electrical Engineering special equipment.....	12 212 00		
Mechanical and Industrial Engineering NSF GY 1362 matching.....	15 500 00		
Nuclear Reactor Laboratory equipment.....	4 017 00		
Chemistry equipment NSF 1911 matching.....	40 300 00		
Geology equipment and moving....	38 800 00		
Life Sciences equipment Morrill Hall addition.....	25 000 00		
Mathematics special equipment....	7 206 00		
University Press special equipment	22 000 00		
Library chemistry library equipment move.....	16 809 00		
Turner Hall greenhouse.....	121 280 00		
Dairy Science milk handling room..	62 590 00		
Greenhouse Horticulture Field Laboratory.....	12 899 00		
Armory heating, ventilating, and air conditioning.....	35 571 00		
Mumford Hall remodel 215-6-7-8-20	3 380 00		
Engineering Hall remodel instructional material center.....	37 060 00		
Electrical Engineering Research Laboratory remodeling.....	33 951 00		
Nuclear Engineering remodel laboratory.....	11 300 00		
Lincoln Hall remodeling.....	36 830 00		
Mumford Hall remodeling television classroom psychology.....	25 476 00		
Natural History remodeling.....	23 895 00		
Noyes Laboratory remodeling.....	66 327 00		
801 South Wright Street remodeling	91 490 00		
Men's Old Gymnasium renovation..	58 700 00		
Women's Gymnasium remodeling..	13 000 00		

Library remodeling.....	\$ 14 578 00
Illini Union remodeling.....	75 000 00
Highway Material Research Laboratory fire damage repairs.....	18 000 00
1110 West Main Street remodeling..	16 820 00
Incinerator Veterinary Medicine Research Farm.....	8 150 00
Office of Instructional Resources equipment.....	16 236 00
Admissions and Records special equipment.....	9 727 00
Health Service special equipment...	35 865 00
Agriculture Administration special equipment.....	1 740 00
Agricultural Engineering special equipment.....	1 105 00
Dairy Science special equipment...	8 162 00
Dixon Springs water system fire prevention.....	4 826 00
Laboratory benches.....	4 962 00
Plant Pathology special equipment	23 062 00
Business statistical laboratory special equipment.....	4 935 00
Education Administration special equipment.....	7 420 00
Civil Engineering equipment NSF matching grant.....	28 401 00
Civil Engineering special equipment	25 849 00
Electrical Engineering NSF matching grant.....	14 949 00
Highway Traffic Control special equipment.....	9 552 00
Mechanical and Industrial Engineering NSF GE 8795 matching.....	6 811 00
Mechanical and Industrial Engineering LD tunnel.....	2 285 00
Mining, Metallurgy, and Petroleum Engineering moving expense...	2 075 00
Mining, Metallurgy, and Petroleum Engineering special equipment..	1 033 00
Architecture special equipment.....	2 060 00
Art graphic design laboratory expense.....	6 239 00
Oriental art special materials.....	2 597 00
Photos and slides Chinese art collection.....	5 445 00
Art special equipment.....	3 386 00
Music special equipment.....	15 980 00
Concert Band uniforms.....	2 595 00
Television cable and equipment....	4 570 00
Language Laboratory equipment...	4 138 00
Anthropology special equipment...	1 835 00
East Chemistry Building addition equipment.....	25 418 00
Chemistry equipment NSF 9522 matching.....	29 643 00
Chemistry equipment NSF 4893 matching.....	4 765 00
Chemistry and Chemical Engineering special equipment.....	14 192 00
Geology equipment NSF matching grant.....	4 012 00
Life Sciences NSF matching grant..	7 011 00

Physiology and biochemistry special equipment	\$ 3 157 00
Physical Fitness Laboratory special equipment	6 450 00
Rehabilitation purchase of buses	12 500 00
Library public service special equipment	10 791 00
Library education science library equipment move	3 863 00
Architectural studies for future buildings	23 205 00
Minor improvements	1 935 00
Remodeling and minor additions unassigned	14 416 00
Nonrecurring unassigned	68 051 00
Dairy Science minor buildings	14 868 00
Administration Building remodeling	13 990 00
Bevier Hall room 30 remodeling	2 782 00
Dairy Manufactures Building remodeling	4 063 00
Floriculture Building remodeling	3 496 00
Mumford Hall agriculture library improvements	1 786 00
Mumford Hall basement remodeling	6 434 00
Commerce and Business Administration computer laboratory air conditioning	3 275 00
Electrical Engineering Building air conditioning	3 987 00
Mechanical Engineering Laboratory wind tunnel power	1 393 00
Mechanical Engineering Building remodel laboratory	12 638 00
Mining and Metallurgical Laboratory moving and remodeling	2 049 00
Smith Music Hall remodeling for organ	2 094 00
Altgeld Hall air conditioning	10 079 00
Botany north greenhouse lighting cooling	2 163 00
Burrill Hall equipment controls center	47 061 00
East Chemistry Building remodeling	4 699 00
Morrill Hall remodel entomology	2 519 00
Noyes Laboratory air conditioning chemistry library	2 225 00
Veterinary Medicine Building remodeling	4 308 00
Library-Gregory Hall air conditioning	10 805 00
Electrical renovations	24 538 00
Soil sample storage building Agronomy	1 170 00
Biophysical Research Laboratory remodeling	4 684 00
Large Animal Clinic remodeling	13 055 00
Veterinary Research Farm remodel residence	1 300 00
Allerton House replacements	13 179 00
Bicycle parking areas	1 955 00
Goodwin Avenue temporary relocation	18 465 00
Recreational area Stadium Drive	5 798 00

Rifle range renovation	\$ 4 855 00		
Tennis court fences	9 727 00		
Willard Airport water distribution system	120 720 00		
Twenty items ranging from \$204.00 overdraft to \$925.00	8 035 00	\$1 897 448 00	
<i>Total, Urbana-Champaign</i>			\$2 496 462 00
<i>Medical Center, Chicago</i>			
President's Office		525 00*	
Vice-President's Office		6 500 00	
Business Office		1 819 00	
Admissions and Records		520 00*	
Nonacademic Personnel		473 00*	
Public Information		731 00	
Health Service		694 00	
Other administrative offices		2 298 00	
Illustration Studios		511 00	
Medical Research Laboratory		27 00*	
Medicine		12 556 00	
Dentistry		2 638 00*	
Pharmacy		5 936 00	
Graduate College		3 259 00	
Nursing		4 209 00	
Physical Education for Men		310 00	
Aeromedical Laboratory		2 835 00*	
Institution for Tuberculosis Research		2 431 00*	
Division of Services for Crippled Children		138 255 00	
Research and Educational Hospitals		25 437 00*	
Library		6 496 00*	
Physical Plant:			
Regular operation and maintenance	194 229 00		
Renewals and replacements	77 836 00		
Special items	37 645 00	309 710 00	
Unexpended plant:			
Television installation and equipment	10 555 00		
Vice-President's Office remodel	4 200 00		
Vice-President's Office furnishings	3 612 00		
Health Service remodeling	5 699 00		
Statistical Services remodeling	18 386 00		
Alumni Office equipment	1 043 00		
Cashier alarm system	2 450 00		
Ampex zoom lens	1 470 00		
Purchase and install door room 28	1 060 00		
School of Associated Medical Sciences special equipment	1 614 00		
Medical Sciences Addition remodel room E-502	1 300 00		
Drug and Horticulture special equipment	3 600 00		
Pharmacology and Pharmacognosy special equipment	4 633 00		
Pharmacy special equipment	6 260 00		
Pharmacy Administration remodeling	17 730 00		
Air conditioning room 10-W	8 625 00		
Dishwashing complex	65 494 00		
Hospital addition install fluorescent lights thirteenth and fourteenth floors	2 200 00		
Hospital addition replace major items	7 911 00		

* Deduct.

Hospital addition special equipment	\$ 1 280 00		
Air conditioning room 6 East	1 218 00*		
Air conditioning room 534	1 236 00		
Remodel and equip cafeteria	6 094 00*		
Laboratory glasswashing unit	1 759 00*		
Rack washer special equipment	1 994 00		
Medicine special equipment	4 412 00		
Neurology special equipment	1 950 00		
Olson coronary perfusion unit	2 394 00		
Replace isotope scalars	3 021 00		
Replace parts of x-ray fluoroscopy	13 600 00		
Radiology special equipment	21 800 00		
Air conditioning room 260	8 592 00		
Air conditioning admitting office	37 841 00		
Eighteen items ranging from \$129.00 to \$893.00	8 909 00	\$ 265 800 00	
<i>Total, Medical Center, Chicago</i>			\$ 711 206 00
<i>Chicago Circle</i>			
Vice-President's Office		25 339 00	
Business Office		116 00	
Admissions and Records		7 079 00*	
Legal Counsel		157 00	
Nonacademic Personnel		2 301 00*	
Public Information		660 00	
Student Affairs		4 152 00*	
Health Service		1 817 00*	
Other administrative offices		3 524 00	
Liberal Arts and Sciences		86 533 00*	
Engineering		33 360 00*	
Architecture and Art		19 575 00*	
Graduate College		1 361 00*	
Business Administration		9 725 00*	
Education		1 000 00	
Physical Education		581 00	
Armed Forces		1 779 00*	
Social Work		400 00	
Library		92 464 00	
Physical Plant:			
Renewals and replacements	126 000 00		
Special items	12 947 00	138 947 00	
Unexpended plant:			
Energy Engineering special equipment	22 327 00		
Materials-mechanics equipment for IEEI	53 000 00		
Matching funds for NSF GY 1402 Energy Engineering	22 800 00		
Matching funds for NSF GY 1722 Information Engineering	18 700 00		
Chemistry special equipment	14 079 00		
Biological Sciences special equipment	20 512 00		
Geology equipment for IEEI	3 300 00		
Matching funds for NSF GA 314 Geology	20 000 00		
Matching funds for NSF GY 1946 Geology	12 520 00		
German equipment in CNB	26 760 00		
Psychology equipment for IEEI	20 308 00		
Matching funds for NSF GY 1111 Psychology	6 800 00		

* Deduct.

Speech and Theatre equipment in			
CNB.....	\$ 13 120 00		
P P classroom desks and chairs.....	20 954 00		
Equipment Hull House restoration	16 160 00		
Miscellaneous building and utility			
IEEI.....	41 000 00		
Stein Building remodeling.....	476 279 00		
Materials Engineering IEEI.....	17 700 00		
Psychology remodeling IEEI.....	33 813 00		
Geology remodeling IEEI.....	57 106 00		
Emergency repairs electrical system	3 928 00		
Four items ranging from \$130.00 to			
\$637.00.....	1 532 00	\$922 698 00	
<i>Total, Chicago Circle.....</i>			\$1 018 204 00
<i>Grand Total.....</i>			\$4 225 872 00

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(10) The Committee on Nonrecurring Appropriations, the Executive Vice-President and Provost, and the Vice-President and Comptroller recommend the following appropriations:

From Urbana-Champaign General Reserve

Office of the Dean of Students, equipment.....	\$ 13 000 00
Renovation and remodeling for which funds are assigned to the	
Physical Plant Department:	
Remodeling the house at 909 West Nevada Street to provide office	
space for the Department of Psychology.....	13 200 00
Remodeling in Noyes Laboratory for a teaching laboratory for the	
Division of General Studies.....	23 275 00
Installation of security improvements in the Library.....	11 000 00
<i>Total, Urbana-Champaign General Reserve.....</i>	<i>\$ 60 475 00</i>

From Medical Center General Reserve

Research and Educational Hospitals, Administration, equipment.....	\$ 54 000 00
Renovation and remodeling for which funds are assigned to the	
Physical Plant Department:	
Renovation of laboratories in the Research and Educational Hos-	
pitals for the Department of Medicine and others.....	11 500 00
Renovation and relocation of radiology equipment in the Research	
and Educational Hospitals for the Department of Radiology..	16 000 00
Installation of an automatic darkroom in the Research and Edu-	
cational Hospitals for the Department of Radiology.....	15 600 00
<i>Total, Medical Center General Reserve.....</i>	<i>\$ 97 100 00</i>

From University General Reserve

Rental payments on the Krannert Center for the Performing Arts	
(lease authorized by the Executive Committee of the Board of	
Trustees on July 8, 1966).....	\$340 500 00

From United States Public Health Service Cost-of-Education Allowances

Renovation and remodeling for which funds are assigned to the	
Physical Plant Department:	
Remodeling in the Animal Genetics Building.....	\$ 31 000 00
<i>Grand Total.....</i>	<i>\$529 075 00</i>

I concur.

On motion of Mr. Johnston, these assignments of funds were approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page, Mr. Pogue.

**REQUEST THAT ILLINOIS BUILDING AUTHORITY CONTRACT FOR
CONSTRUCTION OF UNDERGRADUATE LIBRARY, URBANA**

(11) On August 16, 1966, the Illinois Building Authority received bids on all work for the construction of the Undergraduate Library at the Urbana campus. The lowest bidder is McCarthy-Hathman Construction Company, a joint venture of McCarthy Bros. Construction Company and J. E. Hathman, Inc., doing business as McCarthy-Hathman Construction Company, Ladue, St. Louis County, Missouri, with a low bid of \$2,958,862. Six other proposals were received, with bids ranging from \$2,974,000 to \$3,425,000. The lowest bidder is deemed fully qualified and the sponsoring firm of the "joint venture" (McCarthy Bros. Construction Company) has performed satisfactorily under contract with the University in the past.

The project is one which the Board of Trustees on September 22, 1965, requested the Illinois Building Authority to provide. The Authority will finance construction and lease the facilities to the University for rental payments for which state appropriations are available. The University will transfer jurisdiction of the land on which the project will be constructed to the Authority.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board authorize the transfer of jurisdiction of the site and request the Illinois Building Authority to award a contract for the described work to the lowest bidder and proceed to procure this facility for the use of the University.

I concur and recommend adoption of the following resolutions.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to the McCarthy-Hathman Construction Company, a joint venture of McCarthy Bros. Construction Company and J. E. Hathman, Inc., doing business as McCarthy-Hathman Construction Company, St. Louis, Missouri, a contract for the total work for the construction of the "Undergraduate Library at Urbana-Champaign," for the fixed price of \$2,958,862.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page, Mr. Pogue.

Resolution

WHEREAS, The Seventy-fourth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, an Undergraduate Library Building at the Champaign-Urbana Campus of the University of Illinois, in Urbana, Illinois; and

WHEREAS, for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said Addition will be located; and

WHEREAS, the site for said Undergraduate Library Building has been determined and The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois, will be requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said Building; and

WHEREAS, at its September 22, 1965 meeting The Board of Trustees of the University of Illinois authorized the transfer of jurisdiction to the Illinois Building Authority of the site for said Undergraduate Library Building;

Now, Therefore, be it and it hereby is resolved by The Board of Trustees of the University of Illinois, acting through its Executive Committee, as follows:

Section 1. That the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be and they are hereby authorized to execute, acknowl-

edge and deliver in the name and on behalf of this corporation an Instrument of Transfer of jurisdiction to the Illinois Building Authority transferring jurisdiction of the following described real estate :

Situated in the State of Illinois, the County of Champaign, the City of Urbana and the North ½ of the SE ¼ of Section 18, Township 19 North, Range 9 East of the Third Principal Meridian, and being more fully bounded and described as follows :

Beginning at a corner, 287.73 feet distant East of the 127.97 feet distant South of the Northwest corner of the SE ¼ of said Section 18, said corner being marked with an iron pipe monument; thence Southerly, a distance of 102.17 feet to a corner, said corner being marked with an iron pipe monument; thence Westerly, a distance of 169.33 feet to a corner, said corner being marked with an iron pipe monument; thence Southerly, a distance of 14.0 feet to a corner, said corner being marked with an iron pipe monument; thence Easterly, a distance of 169.33 feet to a corner, said corner being marked with an iron pipe monument; thence Southerly, a distance of 102.17 feet to a corner, said corner being marked with an iron pipe monument; thence Easterly, a distance of 242.42 feet to a corner, said corner being marked with an iron pipe monument; thence Northerly, a distance of 218.34 feet to a corner, said corner being marked with an iron pipe monument; thence Westerly, a distance of 242.42 feet to the place of beginning, containing 1.269 acres, more or less

being the site upon which the Illinois Building Authority is to construct said Undergraduate Library Building.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page, Mr. Pogue.

CONTRACTS FOR THE EXTENSION OF THE UTILITIES DISTRIBUTION SYSTEM TO SERVE THE KRANNERT CENTER FOR THE PERFORMING ARTS, URBANA

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of the following contracts for extensions of the utilities distribution system to serve the Krannert Center for the Performing Arts, the award in each case being to the lowest bidder.

Division AA — Steam and Chilled Water Service from the Air Conditioning Center to the Krannert Center for the Performing Arts — Julian Engineering Company, Chicago.....	\$ 77 828 00
Division BB — Thermal Insulation for Steam and Chilled Water Service — A & K Midwest Insulation Company, Champaign.....	19 170 00
Division CC — Underground Steam Tunnel Piping Extension — Dean Evans Co., Champaign.....	226 839 00
<i>Total</i>	<u>\$323 837 00</u>

Funds for these extensions are available in state capital appropriations to the University for the 1965-67 biennium and have been released.

Attached is a report from the Physical Plant Department, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page, Mr. Pogue.

EMPLOYMENT OF ENGINEERS FOR CONCRETE TESTING SERVICES FOR THE KRANNERT CENTER FOR THE PERFORMING ARTS, URBANA

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees of the University of Illinois request the

University of Illinois Foundation to enter into a contract with A & H Materials Testing Corporation, Champaign, for testing of concrete to be used in the construction of the Krannert Center for the Performing Arts. The contract is to be on the basis of unit prices quoted as follows:

Concrete cylinder tests for compression.....	\$ 3.00/test cylinder
Concrete aggregate tests.....	68.00/test
Design of concrete mix.....	25.00/mix
Field inspections and consultations including concrete plant inspection, concrete slump test, concrete air content test, and inspection of placing of concrete.....	8.00/hour

It is estimated that the total cost of the work will be approximately \$10,000, which is included in the project budget.

I concur.

On motion of Mr. Hughes, this recommendation was approved.

CONTRACT FOR INSTALLATION OF VALVES AND ASSOCIATED EQUIPMENT IN ABBOTT POWER PLANT AND THE UTILITIES DISTRIBUTION SYSTEM, URBANA

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of the following cost-plus contract for the installation of pressure-reducing valves, associated piping, and thermal insulation in the Abbott Power Plant and in the steam distribution system, bid on the basis of actual cost plus contractor's fees. This equipment will provide the first step in increasing the steam pressure of the campus system. The increased pressure is required in order to service the buildings at the extremes of the utilities distribution system.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Subcontracts</i>	<i>Estimated Fee</i>
W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	28	32	13	\$5 880 00

The total estimated is \$30,000.

Funds are available in state capital appropriations to the University for 1965-67 and have been released.

Attached herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page, Mr. Pogue.

CONTRACT FOR ASSEMBLY HALL ROOF IMPROVEMENTS, URBANA

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract to the Phillips Roofing Co., Inc., Oklahoma City, Oklahoma, the lowest bidder, on the basis of the unit prices included in the bid proposal for the application of an elastomeric roof coating over the Assembly Hall roof. The maximum cost will not exceed \$153,882.

Funds are available in the Maintenance Reserve Account of the Assembly Hall.

I concur.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page, Mr. Pogue.

AGREEMENT WITH COMMONWEALTH EDISON COMPANY FOR ELECTRICAL SERVICES TO THE GREENHOUSE, CHICAGO CIRCLE

(16) The Director of the Physical Plant and the Vice-President and Comptroller

recommend authorization of an agreement to pay Commonwealth Edison Company, Chicago, \$8,137 for construction and installation of underground duct work, cables, and transformer equipment to supply electrical services to the Greenhouse now being constructed as part of Phase II, Chicago Circle campus. The University will receive lower rates under the "multiple services and combined billing" arrangement previously approved by the Board of Trustees for the Chicago Circle campus.

Funds are available in state capital appropriations to the University from the Universities Building Fund and have been released.

I concur.

On motion of Mr. Jones, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page, Mr. Pogue.

**LEASE OF THE ELEVENTH STREET THEATRE IN THE JEWISH
EDUCATION BUILDING FOR DEPARTMENT OF SPEECH
AND THEATRE, CHICAGO CIRCLE**

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University of Illinois be authorized to enter into a lease with the Board of Jewish Education for approximately 12,000 square feet of space in the Jewish Education Building at 72 East Eleventh Street, Chicago, Illinois, for theatre facilities for the Department of Speech and Theatre at Chicago Circle.

The Board of Jewish Education has offered to lease the facilities for the period beginning October 1, 1966, through June 30, 1967, at a rental of \$1,200 per month. The rental charge includes janitor services, heat, light, water, gas, and all repairs to the building and equipment.

It is further recommended that funds be assigned as follows:

1. \$10,200 from the Chicago Circle General Reserve on a nonrecurring basis for remodeling of and equipment for this facility.
2. \$24,300 from the Chicago Circle General Reserve for the rental cost for the remainder of the fiscal year 1966-67 and for chartered bus service, security, and other operational costs.

I concur.

On motion of Mr. Johnston these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page, Mr. Pogue.

**ADDITION TO CONTRACT FOR CONSTRUCTION OF CHICAGO
CIRCLE CAMPUS, PHASE I**

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$14,136.13 in the contract with the Gust K. Newberg Construction Co., Chicago, for revisions in the fire alarm system for Phase I, Chicago Circle campus, required by the City Fire Marshal. The revisions resulted in work and materials in addition to that included in the contract documents.

Funds are available in the construction budget for this work.

I concur.

On motion of Mr. Hughes, this change in contract was approved.

DIXON SPRINGS AGRICULTURAL CENTER ACCOUNT

(19) The Vice-President and Comptroller and the Director of the Agricultural Experiment Station recommend establishment of a checking account at the First National Bank at Golconda, Illinois, for the deposit of funds received at the Dixon Springs Agricultural Center from cash sales of livestock and vegetables, dormitory receipts, and other items.

Into this account will be deposited all cash receipts collected by the Dixon Springs Agricultural Center. The Report of Cash Sales would be prepared at the Dixon Springs Agricultural Center, as is now done, and mailed to the University Business Office with authenticated copies of deposit tickets. Checks in favor of the University will be drawn in the Business Office against this account in the

amount of the deposit tickets, and these checks will be deposited in the Treasurer's account in the First National Bank of Chicago.

I concur.

On motion of Mr. Swain, this recommendation was approved.

**COMMENDATION OF DEAN WILLIAM V. LAMBERT FOR SERVICES
AT UTTAR PRADESH AGRICULTURAL UNIVERSITY, INDIA**

(20) Since 1960, Dean William V. Lambert has played a central role in the establishment of the Uttar Pradesh Agricultural University in India. His services, as Advisor to the Vice-Chancellor of the University, as Group Leader, and more recently as Chief of Party, have been fundamental to the success of the new institution.

Some months ago Dean Lambert asked to be relieved of this assignment and with deep regret the University accepted his resignation. I have sought to express our appreciation to Dean Lambert for his extraordinary services in a letter which is attached herewith and which is reported to the Trustees as a matter of information.

On motion of Mr. Hughes, this report was received for record.

On motion of Mrs. Watkins, the Board endorsed the commendation and authorized the Secretary to prepare a statement of appreciation on behalf of the Board and convey it to Dean Lambert.

UNIVERSITY OF ILLINOIS
OFFICE OF THE PRESIDENT

August 18, 1966

DEAN W. V. LAMBERT
1890 Kipling, Lakewood
Denver, Colorado

DEAR DEAN LAMBERT:

I am most unhappy that we were unable to get together for fuller discussion of UPAU while you were on campus and that I was absent in Europe when you completed your task and departed. Among other subjects, I wanted to express the University's appreciation of the splendid service you rendered as Group Leader of the University of Illinois Team at the Uttar Pradesh Agricultural University, and I hope that this letter will reflect how deeply we feel about the importance of what you have done.

When I visited the UPAU in 1960, I was impressed with the progress being made. But, I was even more impressed with the difficult tasks you would face in your new duties. You were in charge of our staff members during most difficult times. Always you demonstrated qualities of genuine leadership. You were calm in crises. Your judgment was sound. You were inventive in working out solutions to problems and in implementing them. Throughout your tour of five and one-half years at the UPAU, we were always proud to have you as our chief representative. We feel that you did much to build in India the proper image of the University of Illinois and of higher education in the best academic tradition.

During your recent stay at Urbana, you have written a record which will be of great use to us and others who will be called upon to appraise this activity. We are hopeful that it can be made available to other universities engaged in institution building in underdeveloped countries.

As you leave our staff, we record our appreciation of a great task well done. We are also grateful for Mrs. Lambert's loyalty to the mission and her contribution to its effectiveness.

The subject of this letter will be brought to the attention of the Board of Trustees at the September meeting.

Our good wishes go with you and Mrs. Lambert, always.

Sincerely,
DAVID D. HENRY
President

PURCHASES

(21) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller.

The list of purchases recommended for Board approval was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds.....	\$122 753 78
From Institutional Funds.....	802 009 21
<i>Grand Total</i>	<u>\$924 762 99</u>

A complete list of the purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy has been filed with the Secretary of the Board for record.

On motion of Mr. Johnston, the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(22) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary of the Board.

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(23) The Comptroller presented his quarterly report to the Board as of June 30, 1966.

A copy of this report is filed with the Secretary of the Board.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(24) The Comptroller's report of contracts executed during the period July 1 to August 31, 1966.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.	Hot water and steam heating system pick up factors	\$ 5 265 00
Deere and Company	Evaluation of performance of beef heifers fed standard corn silage, stalklage, and various size cuts of husklage	3 500 00
Federal Housing Administration fh-955	Determine, develop, and specify suitable means of fastening surfacing materials in rehabilitation operations	25 798 00
Illinois Department of Public Health	Workshops for education program for nurses	12 000 00
Illinois Division of Highways IHR-85	Dynamic stresses in highway bridges	16 200 00
IHR-202	Archaeological studies	9 000 00
Morris Animal Foundation	Urinary amylase as a diagnostic aid in cases of canine acute pancreatitis	3 300 00
National Aeronautics and Space Administration NGR 14-005-088	Relativistic effects on space-tracking data	15 910 00
Prairie View Agricultural and Mechanical College	Upgrading of the academic skills of freshman students at Prairie View in reading, mathematics, and English	3 855 00
State of Illinois Department of Mental Health 17-269	Public support for mental health programs	15 000 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Agency for International Development AID/csd-1432	Malaria immunity and vaccination	\$415 000 00
United States Air Force		
AF 33(615)-3890	Cybernetics research	90 000 00
AF 33(615)-5248	Low-density plasmas with gaseous lasers	35 000 00
F01600-67-C-0022	Flight instruction program for AFROTC students	16 676 00
United States Army		
DA 18064-AMC-557(A)	Ecology of selected biological agents and the epidemiology of the diseases caused by them	61 190 00
DACA 39-67-C-0009	Behavior of underground openings subjected to static loads	36 475 00
United States Atomic Energy Commission AT (11-1)-1623	Modify and upgrade the nuclear reactor	126 575 00
United States Department of Agriculture		
12-14-100-5665(81)	Plant pest control	10 980 00
12-14-100-7706(34)	Effect of herbicides on soybeans, corn, wheat-herbicide rotations, typical of the corn belt area	60 000 00
12-14-100-9031(51)	Utilization of food by stored-product insects	45 000 00
United States Department of Health, Education, and Welfare		
Ill 4-2185	Construction of the undergraduate portions of a new psychology laboratory building	60 668 00
OEC 3-6-000045-1291	Continuation of an Asian studies language and area center	27 000 00
OEC 3-6-051182-1634	Development and trial of a two-year program of string instruction	6 500 00
OEG 3-6-062043-1395	Postdoctoral traineeship in research on measurement and instruction in higher education	14 200 00
OEG 3-6-068315-1306	Analysis of school social work tasks	8 822 00
OEG 3-6-600645-1424	For seventeen fellowships to be granted by the Department of English under the teacher fellowship program	126 500 00
United States Department of the Interior		
14-01-0001-1088	Transfer of salt and water across membranes of plant mitochondria	62 562 00
14-06-D-5977	Development of hydraulic engineering systems for irrigation	18 000 00
United States Department of Labor		
S4-0124-15-5-004.000	Youth work training project	92 738 00
United States Navy		
N00014-66-C0010-A03	Structure of individual differences in psychological phenomena	52 111 00
N00014-66-C0010-A05	Test the validity and range of application of nuclear theories	550 000 00
NObs-94307	Fatigue testing of HY-SO specimens and models in an effort to predict fatigue in submarine hull structures	24 000 00
Wire Reinforcement Institute, Inc.	Structural behavior of slabs reinforced with deformed wire fabrics	26 000 00
<i>Total</i>		<u>\$2 075 825 00</u>

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Security Abstract & Title Company	Office space at 10 West Washington Street, Belleville, Illinois (July 1, 1966, to June 30, 1967)	\$ 4 620 00

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Amstead Research Laboratories	Properties of refractories	\$ 10 000 00
The Griffin Wheel Company	Improvement of cash steel railway car wheels	18 000 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Division of Highways		
IHR-2	Highway problems	\$ 8 000 00
IHR-5	Riveted and bolted structural joints	9 200 00
IHR-9	Impact on highway bridges	9 100 00
IHR-10	Prestressed reinforced concrete highway bridges	28 500 00
IHR-12	Soil exploration and mapping	17 500 00
IHR-46	Soil-aggregate mixtures for highway pavement	1 000 00
IHR-47	Chemical stabilization of soils	7 700 00
IHR-58	Equipment for roadside cover	18 500 00
IHR-64	Welded highway structures	27 500 00
IHR-67	Grasses and their establishment as turf	6 700 00
IHR-72	Creep in structural concrete	8 000 00
IHR-73	Fatigue failure in concrete	8 000 00
IHR-75	Seal coats and surface treatments	15 000 00
IHR-76	Lime stabilization of soils	18 500 00
IHR-84	Correlation of pavement test track with road test	31 500 00
IHR-87	Headlight glare	18 000 00
IHR-91	Improving the durability of Portland cement concrete	18 200 00
IHR-92	Control of cracking of concrete	18 000 00
IHR-93	Field investigation of prestressed highway bridges	21 000 00
IHR-94	Materials development and utilization	12 000 00
IHR-95	Ductility tests	6 000 00
State of Illinois Department of Mental Health		
1723	Psychosomatic differentiation in infancy	70 935 00
17-121	Residency training in psychiatry	50 000 00
17-226	Teaching and learning of psychiatric interviewing	17 658 00
The Institute of Boiler and Radiator Manufacturers	Steam and hot water heating systems	38 500 00
Truax-Traer Coal Company	Agronomic evaluations of a coal-like substance known as leonardite	3 000 00
United States Agency for International Development		
AID/ie-2-A3	Advice and guidance to strengthen Faculty of Medicine Chiangmai Hospital	727 271 00
AIDc-1258-5	Assist Uttar Pradesh Government in the organization and development of a United States land-grant type of university	1 606 00
United States Atomic Energy Commission		
AT(11-1)-1264	Physical, chemical, and biological equilibria in natural waters	20 000 00
United States Department of Health, Education, and Welfare		
OE-5-85-038	Study of practical nursing	17 065 00
PHS-43-65-1031	Vaccines for immunization against viral respiratory infection	79 500 00
United States Navy		
Nonr-1834(17)	Solid state and surface physics of semiconductors	25 000 00
Nonr-3985(02)	Biophysical and biochemical studies on electric organs and muscle membranes of fish	56 304 00
Nonr-3985(06)	Micromechanical mechanisms in organic solids	30 550 00
Nonr-3985(08)	Computer-aided teaching systems	70 000 00
Nonr-3985(09)	Engineering properties of deep sea sediments	35 000 00
United States Office of Secretary of Defense	Research in the science of materials (Materials Research Laboratory)	4 201 000 00
SD-131		
<i>Total</i>		<u>\$5 779 289 00</u>

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Brunkow Electric Company	Electrical work East Chemistry Building	\$ 3 506 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Downtown Electric Company	Cost-plus contract — electrical work (four items, \$2,800 to \$5,600)	Lincoln Hall, 1110 West Main Street, Natural History Building, Women's Gymnasium \$ 14 250 00
Dean Evans Company	Cost-plus contract — general work (eleven items, \$2,700 to \$14,000)	Dairy Manufactures Building, Lincoln Avenue Residence, Lincoln Hall, 1110 West Main Street, Natural History Building, Nuclear Engineering Laboratory, Stock Pavilion, Veterinary Medicine Building 70 500 00
George S. Grimmett & Company	Cost-plus contract — plastering	Women's Gymnasium 3 000 00
Healy Plumbing and Heating Company	Mechanical work	East Chemistry Building 19 471 00
Kuhne-Simmons Co., Inc.	General work	East Chemistry Building 3 371 00
Mayfair Construction Company	General work	Union and Residence Hall facility, Medical Center 2 545 00
The Nu-Way Contracting Corporation	Cost-plus contract — heating work	Illinois Eye and Ear Infirmary 2 719 00
Reliable Plumbing & Heating Co.	Cost-plus contract — heating and ventilating work (three items, \$3,812 to \$7,300)	Electrical Engineering Building, Men's Old Gymnasium, Stock Pavilion 16 112 00
<i>Total</i>		<u>\$ 135 474 00</u>

Summary

Amount to be paid to the University.....	\$7 855 114 00
Amount to be paid by the University.....	140 094 00

This report was received for record.

INVESTMENT REPORT

Report of the Finance Committee

(25) The Finance Committee reported the following changes in investments of endowment funds for the month of June, 1966:

Pool

Purchase

\$20 000 U.S. Treasury 4½ per cent bonds due 2/15/74..... \$ 19 118 75

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of June, 1966:

Current Funds

ART OBJECTS

Purchase

\$63 000 U.S. Treasury bills due 10/31/66..... \$ 61 960 50

Construction Funds

ASSEMBLY HALL

Purchase

\$215 000 U.S. Treasury bills due 6/30/67..... 204 809 00

CENTER FOR THE PERFORMING ARTS

Purchase

\$232 000 Farm Home Administration 5 per cent notes (USA-insured) due 6/76..... 232 000 00

CHICAGO CIRCLE UNION (Chicago Circle)

Purchase	
\$11 000 U.S. Treasury bills due 7/21/66.....	\$ 10 944 82
10 000 U.S. Treasury bills due 8/4/66.....	9 930 33
10 000 U.S. Treasury bills due 9/1/66.....	9 902 50
10 000 U.S. Treasury bills due 10/3/66.....	9 848 33
20 000 U.S. Treasury bills due 11/3/66.....	19 639 67

GRADUATE HOUSING

Sale	
\$5 000 U.S. Treasury bills due 7/14/66.....	4 989 82
Purchase	
\$82 000 U.S. Treasury bills due 9/15/66.....	81 069 32

ILLINOIS STREET RESIDENCE HALLS

Purchase	
\$ 2 000 U.S. Treasury bills due 8/11/66.....	1 989 75
60 000 U.S. Treasury bills due 9/22/66.....	59 375 05

REVENUE BONDS OF 1963 AUXILIARY (Chicago Circle)

Purchase	
\$150 000 U.S. Treasury bills due 6/30/66.....	149 585 00

Sinking Funds

ASSEMBLY HALL

Purchase	
\$4 000 U.S. Treasury 4 $\frac{7}{8}$ per cent notes due 8/15/67.....	4 002 50

HOUSING REVENUE BONDS

Purchase	
\$51 000 U.S. Treasury 3 $\frac{3}{4}$ per cent notes due 8/15/67.....	50 298 75

MEN'S RESIDENCE HALLS OF 1957

Purchase	
\$ 9 000 U.S. Treasury bills due 9/15/66.....	8 913 90
24 000 U.S. Treasury 3 $\frac{3}{4}$ per cent notes due 8/15/67.....	23 949 57

REVENUE BONDS OF 1952

Purchase	
\$13 000 U.S. Treasury 3 $\frac{7}{8}$ per cent bonds due 11/15/74.....	12 211 88

REVENUE BONDS OF 1956

Purchase	
\$10 000 U.S. Treasury bills due 2/28/67.....	9 669 06
15 000 U.S. Treasury 3 $\frac{5}{8}$ per cent bonds due 11/15/67.....	14 736 57
14 000 U.S. Treasury 3 $\frac{3}{4}$ per cent bonds due 8/15/68.....	13 667 50

STUDENT SERVICES

Sale	
\$3 000 U.S. Treasury bills due 6/16/66.....	2 969 52

Purchase	
\$14 000 U.S. Treasury 3 $\frac{3}{4}$ per cent notes due 8/15/67.....	13 842 50

WOMEN'S RESIDENCE HALLS OF 1956

Purchase	
\$6 000 U.S. Treasury 3 $\frac{3}{4}$ per cent notes due 8/15/67.....	5 923 13

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of July, 1966:

Current Funds

CITY OF CHICAGO ESCROW (Chicago Circle)

Purchase	
\$76 000 U.S. Treasury bills due 9/15/66.....	\$ 75 152 60

RESTRICTED GROUP

Purchase

\$2 000 000 Continental Illinois National Bank promissory notes due 8/31/66.....	\$1 986 555 56
1 000 000 Harris Trust and Savings Bank C/D due 11/1/66.....	1 000 000 00
1 000 000 Montgomery Ward Credit Corporation notes due 12/1/66.....	979 495 83
1 000 000 Northern Trust Company C/D due 12/1/66.....	1 000 000 00

Construction Funds

ASSEMBLY HALL

Purchase

\$12 000 U.S. Treasury bills due 12/22/66.....	11 758 60
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CHICAGO CIRCLE UNION (Chicago Circle)

Purchase

\$12 000 U.S. Treasury bills due 12/8/66.....	11 783 00
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DENTISTRY-MEDICINE-PHARMACY AUXILIARY (Medical Center)

Purchase

\$65 000 U.S. Treasury bills due 10/27/66.....	63 963 54
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FLORIDA AVENUE RESIDENCE HALL

Sale

\$440 000 U.S. Treasury 4 per cent notes due 8/15/66.....	439 750 00
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GRADUATE HOUSING

Sale

\$7 000 U.S. Treasury bills due 7/14/66.....	6 992 22
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Purchase

\$100 000 U.S. Treasury bills due 10/13/66.....	98 818 25
38 000 U.S. Treasury bills due 1/5/67.....	37 106 53

ILLINOIS STREET RESIDENCE HALLS

Sale

\$55 000 U.S. Treasury bills due 9/22/66.....	54 445 88
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MEDICAL CENTER UNION AND RESIDENCE HALL (Medical Center)

Purchase

\$135 000 U.S. Treasury bills due 9/29/66.....	133 498 50
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CHICAGO CIRCLE AUXILIARY TRUST (Chicago Circle)

Purchase

\$175 000 U.S. Treasury bills due 8/25/66.....	173 916 21
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Sinking Funds

ASSEMBLY HALL

Purchase

\$201 000 U.S. Treasury bills due 2/28/67.....	195 112 37
--	------------

HOUSING REVENUE BONDS

Purchase

\$991 000 U.S. Treasury 3 $\frac{3}{4}$ per cent notes due 8/15/67.....	977 373 75
231 000 U.S. Treasury 4 $\frac{7}{8}$ per cent notes due 11/15/67.....	230 530 78

MEN'S RESIDENCE HALLS OF 1957

Purchases

\$ 52 000 U.S. Treasury 3 $\frac{3}{4}$ per cent notes due 8/15/67.....	51 382 50
143 000 U.S. Treasury 4 $\frac{7}{8}$ per cent notes due 11/15/67.....	142 731 88

STUDENT SERVICES BUILDING

Purchase

\$13 000 U.S. Treasury 3 $\frac{3}{4}$ per cent notes due 8/15/67.....	12 845 63
25 000 U.S. Treasury 4 $\frac{7}{8}$ per cent notes due 11/15/67.....	24 953 13

WOMEN'S RESIDENCE HALLS OF 1956

Purchase

\$49 000 U.S. Treasury 3 $\frac{3}{4}$ per cent notes due 8/15/67.....	48 326 25
30 000 U.S. Treasury 4 $\frac{7}{8}$ per cent notes due 11/15/67.....	29 943 75

This report was received for record.

**CAPITAL BUDGET REQUEST UNIVERSITY OF ILLINOIS
FOR THE BIENNIUM 1967-69**

(26) On July 27, 1966, the Board of Trustees approved a capital budget request for the biennium 1967-69 for the three campuses, as shown in the table on page 103. The total amount of state funds requested was \$163,246,000.

As directed by the Board of Trustees, this budget request was submitted to the Board of Higher Education for its review. The Board of Higher Education requested its staff to make an analysis and recommendations, and at a regular meeting of that Board on September 12 and 13, the staff recommended the sums shown in the table on page 103, for a total amount of state funds of \$99,698,788.

After hearing the objections of the representatives of the University of Illinois to the budget reductions recommended by the staff of the Board of Higher Education, the Board approved adding the sum of \$12,322,931. The restored amount was distributed as indicated in the table on page 103.

The difference between the final action of the Board of Higher Education and the earlier recommendation of the Board of Trustees is approximately \$51,000,000. The major changes are: (a) reduction in the size of the proposed College of Dentistry building at the Medical Center campus; (b) reduction in the size of the Science-Engineering Center, the omission of the Third Addition to the Library, the omission of the Art and Architecture Addition, and the omission of a greenhouse at the Chicago Circle campus; and (c) the omission of the Engineering Library, Nuclear Reactor Addition, Turner Hall Headhouse and Greenhouse, and the East Chemistry Addition (although planning funds for the last project were approved), and by reductions in land and utilities at the Urbana-Champaign campus.

The action of the Board of Higher Education represents a cut in the Trustees' budget of approximately 30 per cent. The Trustees' budget had reflected an earlier cut of approximately 33 per cent in the requests presented by departments and colleges.

Although the projects approved will enable the University to make considerable progress in several areas, the consequences of the budget reductions made by the Board of Higher Education are of substantial proportions. At the Medical Center, there will be a smaller increase in the production of dental graduates than was planned by the University. At the Chicago Circle campus, there will be several effects: a slower pace of development of graduate work than was contemplated, since there will be a sharp reduction in facilities requested for graduate work in Engineering; a slower rate of growth in Art and Architecture; a reduction in overall student capacity below the projections made for 1970 and 1971; increased overcrowding of the library; and inadequate research facilities in the field of botany. At Urbana-Champaign, the deletions will: postpone much-needed improvement in the library facilities for the College of Engineering, with continued impairment of instructional and study effectiveness in that College; eliminate the possibility of securing federal matching funds for a nuclear engineering facility, and hence limit the expansion of a rapidly-growing graduate program; delay the construction program for instruction and research in the College of Agriculture; delay the building of the Addition for the Department of Chemistry and Chemical Engineering and hence in the provision of up-to-date research facilities for one of the University's most distinguished departments; and cause an over-all reduction in enrollment capacity at the Urbana-Champaign campus below the estimates made for 1970.

From this inventory of omissions and reductions and their consequences, it is apparent that the deletions or reductions will have serious effect upon the enrollment of the University of Illinois, upon the degree of expansion of graduate and professional work and upon essential improvement of facilities to reduce serious space deficiencies.

On the positive side of the analysis, the budget, as approved by the Board of Higher Education, will have these results: a significant increase in enrollment capacity at Urbana-Champaign and Chicago Circle; the provision of facilities for the initiation and development of graduate work at Chicago Circle; provision for a long-needed library facility at the Medical Center campus; an increase in the output of graduates in law and in dentistry; the preparation of working drawings on three buildings which will speed up their completion when funds become available for their construction; and the completion of several projects already approved for the Medical Center and the Urbana-Champaign campuses, but for which the present resources are insufficient due to cost escalation.

I believe that the original budget adopted by the Board of Trustees was a prudent and conservative estimate of what is required for the University to be of maximum service to the people of Illinois through facilities to be authorized for the 1967-69 biennium. While I regret that the Board of Higher Education has not concurred in this objective, the fact that 70 per cent of the request has been approved is significant, and the availability of the facilities which have been recommended will mean much to the effectiveness of the University, to the enlargement of its service and to the extension of educational opportunity.

I believe that it would be unwise to endanger the unified support for the facilities included in the Board of Higher Education recommendations by any division which would occur if the University at this time unilaterally sought to have these recommendations enlarged by the General Assembly and the Governor. Accordingly, I recommend that the Board of Trustees modify its earlier action on the capital budget and accept the recommendations of the Board of Higher Education as enacted on September 13, subject to such adjustments within the total amount as may be recommended as a result of further study.

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

University of Illinois 1967-69 Capital Budget Comparison of University Requests and Board of Higher Education Recommendations

	<i>University Requests</i>	<i>Board of Higher Education</i>	
		<i>Staff Recommen- dations</i>	<i>Board Recommen- dations</i>
From State Appropriations			
<i>Chicago Circle</i>			
Art and Architecture Addition.....	\$ 5 866 000	\$ -0-	\$ -0-
Behavioral Science Center.....	7 654 000	7 654 000	7 654 000
Education Center.....	6 957 000	5 957 000 ¹	5 957 000
Greenhouse Addition.....	252 000	-0-	-0-
Physical Education Building.....	3 595 000	3 595 000	3 595 000
Library Addition.....	6 841 000	-0-	-0-
Science-Engineering Center.....	30 656 000	16 000 000	16 000 000 ¹
Student Services Administration			
Building.....	3 533 000	-0-	3 533 000
<i>Subtotal</i>	(65 354 000)	(33 206 000)	(36 739 000)
Heating Plant Addition.....	2 846 000	2 846 000	2 331 000
Land Acquisition.....	3 169 000	3 169 000	3 169 000
Movable Equipment.....	8 748 000	8 748 000	8 148 000
Remodeling.....	1 273 000	1 273 000	1 273 000
Planning.....	1 500 000	1 000 000	1 000 000
Site Development.....	4 482 000	4 482 000	4 482 000
<i>Total, Chicago Circle</i>	(87 372 000)	(54 724 000)	(57 142 000)
<i>Medical Center</i>			
Deficiency 65-67.....	3 492 000	3 492 000	3 492 000
Dentistry Building.....	11 200 000	6 000 000	6 000 000
Library.....	6 129 000	-0-	6 129 000
Medical Research Laboratory.....	2 057 000	2 057 000	2 057 000
Office Building.....	3 666 000	3 666 000	3 666 000
<i>Subtotal</i>	(26 544 000)	(15 215 000)	(21 344 000)
Heating Plant.....	-0-	-0-	-0-
Land Acquisition.....	-0-	-0-	-0-
Movable Equipment.....	290 000	290 000	290 000
Planning.....	220 000	220 000	220 000
Remodeling, Alterations, etc.....	762 000	762 000	762 000
Site Development.....	60 000	60 000	60 000
<i>Total, Medical Center</i>	(27 876 000)	(16 547 000)	(22 676 000)
<i>Urbana-Champaign</i>			
Deficiency 65-67.....	3 117 000	3 117 000	3 117 000
East Chemistry.....	6 463 000	-0-	-0-

	<i>University Requests</i>	<i>Board of Higher Education Staff Board Recommendations Recommendations</i>	
Engineering Library.....	\$ 3 780 000	\$ —0—	\$ —0—
Foreign Languages Building.....	6 241 000	6 241 000	6 241 000
Intramural-Physical Education Building.....	1 662 000	1 662 000	1 662 000
Law Building Addition.....	3 385 000	—0—	3 385 000
Library—Fifth Stack Addition....	1 920 000	1 920 000	1 920 000
Music Building.....	4 890 000	3 890 000 ¹	3 890 000
Nuclear Reactor Addition.....	711 000	—0—	—0—
Small Animal Clinic.....	2 147 000	2 147 000	2 147 000
Turner Hall Headhouse and Greenhouses.....	932 000	—0—	—0—
Women's Gymnasium Addition....	780 000	780 000	780 000
<i>Subtotal</i>	(36 028 000)	(19 757 000)	(23 142 000)
Campus Improvements.....	376 000	376 000	376 000
Land Acquisition.....	4 450 000	1 831 850	1 831 850
Movable Equipment.....	600 000	600 000	600 000
Planning Funds.....	608 000	608 000	897 831
Life and Property.....	335 000	335 000	335 000
Public Improvements.....	420 000	420 000	420 000
Remodeling and Modernization....	2 000 000	2 000 000	2 000 000
Street and Street Lighting Improvements.....	808 000	808 000	808 000
Utilities Distribution System.....	2 373 000	1 691 938	1 793 038
<i>Total, Urbana-Champaign</i>	(47 998 000)	(28 427 788)	(32 203 719)
<i>Total, Entire University, State Appropriations</i>	163 246 000	99 698 788	112 021 719
Federal Grants.....	20 600 000	12 850 000	15 500 000 ²
Revenue Bonds.....	13 901 000	13 901 000	13 901 000
<i>Total, Project Costs</i>	\$197 747 000	\$126 449 788	\$141 422 719

¹ Based upon an additional \$1,000,000 in federal grants beyond University requests.

² Includes \$1,200,000 for Law and \$1,450,000 for Medical Center Library beyond Board staff requests.

Following a general discussion of admissions and the numbers of qualified students who must be denied admission, Mr. Jones asked for a report on admissions, with particular regard to admission of the disadvantaged. President Henry stated that such a report would be prepared as soon as the necessary data could be obtained.

REPORTS AND RECOMMENDATIONS FROM THE PRESIDENT OF THE BOARD

REPORT ON MEETING OF ILLINOIS BOARD OF HIGHER EDUCATION

Mr. Clement reported on the meeting of the Board of Higher Education of September 12-13, 1966, with particular reference to a document prepared by the staff of the Board of Higher Education, "A Master Plan for Higher Education in Illinois — Phase II (Provisional Draft)." He indicated that the staff document had not been acted upon by the Board of Higher Education but would be discussed in public hearings and other forums throughout the state and brought back to the Board of Higher Education for action on November 15. Institutional reactions have been requested by the Board by November 1.

Mr. Clement announced that the subject was being referred to the Committee on General Policy for study and review.

FUTURE BOARD MEETINGS

The dates of the next three meetings of the Board of Trustees were announced as follows: October 13, at Chicago Circle; November 10, at Urbana; and December 8, at Chicago Circle.

ANNUAL OPERATING BUDGET FOR 1967-69

It was announced that the Finance Committee would meet on October 27, 1966, in Chicago, Illinois, to consider the University's operating budget request for 1967-69.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee submitted the following report and minutes of its meeting on August 24, 1966.

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, LaSalle Hotel, Chicago, Illinois, on Wednesday, August 24, 1966, beginning at 2:00 p.m.

The meeting was called for consideration of reports and recommendations from the President of the University on matters of business, including acquisition of property, requiring approval by the Board of Trustees and on which action should not be deferred until the regular meeting of the Board in September. The Board at its meeting on July 27, 1966, authorized the Executive Committee to take action at any time prior to the next regular meeting of the Board on matters relating to the lease, sale, purchase, or any other acquisition by or for the University of real estate, including authority to exercise the right of eminent domain and to institute condemnation proceedings, and including authority to request action by the Illinois Building Authority.

The Chairman asked the Secretary to call the roll, and the following, constituting all members of the Committee, were present: Mr. Howard W. Clement, Chairman, Mr. Wayne A. Johnston, and Mrs. Frances B. Watkins. Also present were: Mr. Harold Pogue and Mr. Kenney E. Williamson, members of the Board of Trustees; President David D. Henry; Director C. S. Havens of the Physical Plant; Mr. James J. Costello, Legal Counsel; Vice-President Norman A. Parker, Chicago Circle; Vice-President Joseph S. Begando, Medical Center; Mr. Earl W. Porter, Assistant to the President and Associate Secretary to the Board; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and Mr. A. J. Janata, Secretary of the Board of Trustees and Clerk of the Committee.

The Committee considered the following reports and recommendations from the President of the University.

HEADSHIP OF DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY, CHICAGO CIRCLE

(1) The Dean of the College of Liberal Arts and Sciences, the Dean of Faculties, and the Vice-President at Chicago Circle recommend the appointment of Dr. Robert L. Hall as Professor of Sociology on indefinite tenure and as Head of the Department of Sociology and Anthropology at Chicago Circle beginning September 1, 1966, at an annual salary of \$17,500 on an academic year service basis.

This appointment is to replace Professor Peter P. Klassen who has been serving as Head of the Department and who has asked to be relieved of this administrative service so that he can devote full time to teaching and research.

The Dean of the Graduate College, the Executive Vice-President and Provost, and I concur.

On motion of Mr. Johnston, this appointment was approved.

REQUEST TO THE ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR CONSTRUCTION OF THE EAST DENTISTRY-MEDICINE- PHARMACY BUILDING ADDITION

(2) On July 7, 1966, the Illinois Building Authority received bids on all work for the construction of the East Dentistry-Medicine-Pharmacy Building Addition at the Medical Center. The lowest bidder is Mayfair Construction Company, 5660 North Jersey Avenue, Chicago, Illinois, with a bid of \$3,088,600. One other bid of

\$3,219,000 was received from S. W. Nielsen Company, 3059 Augusta Boulevard, Chicago. (Another proposal received was rejected by the Illinois Building Authority because of an insufficient bid deposit.) The lowest bidder is deemed fully qualified and has performed satisfactorily under contract with the University in the past.

The project is one of those which the Board of Trustees on September 22, 1965, requested the Illinois Building Authority to provide. The Authority will finance the construction and lease the facilities to the University for rental payments for which state appropriations are available. The University will transfer jurisdiction of the land on which the project will be constructed to the Authority.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board authorize the transfer of jurisdiction of the site and request the Illinois Building Authority to award a contract for the described work to the lowest bidder and proceed to procure this facility for the use of the University.

I concur and recommend the adoption of the following resolutions.

Resolution

WHEREAS, The Seventy-fourth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, an East Dental, Medical and Pharmacy Building Addition on the Medical Center Campus of the University of Illinois, in Chicago, Illinois; and

WHEREAS, for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said Addition will be located; and

WHEREAS, the site for said East Dental, Medical and Pharmacy Building Addition has been determined and The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois, will be requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said Addition; and

WHEREAS, at its September 22, 1965, meeting, The Board of Trustees of the University of Illinois authorized the transfer of jurisdiction to the Illinois Building Authority for the site for said Addition; and

Now therefore, be it and it hereby is resolved by The Board of Trustees of the University of Illinois, acting through its Executive Committee, as follows:

Section 1. That the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be and they are hereby authorized to execute, acknowledge and deliver in the name and on behalf of this corporation an Instrument of Transfer of jurisdiction to the Illinois Building Authority transferring jurisdiction of the following described real estate:

The South 91 feet 4 inches of the North 379 feet 8 inches of the West 52 feet 7 inches of the East 62 feet $7\frac{7}{8}$ inches and the South 87 feet $3\frac{1}{2}$ inches of the North 377 feet $7\frac{3}{4}$ inches of the West 99 feet $9\frac{1}{2}$ inches of the East 162 feet $5\frac{1}{8}$ inches of that part of Block 6 of the Assessor's Division of the East Half of the Southeast Quarter of Section 18, Township 39 North, Range 14 East of the Third Principal Meridian, lying South of the South line of West Polk Street and West of the West line of South Hermitage Avenue, in Cook County, Illinois

being the site upon which the Illinois Building Authority is to construct said East Dental, Medical and Pharmacy Building.

On motion of Mrs. Watkins, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that Illinois Building Authority be, and it hereby is, requested to award to Mayfair Construction Company, 5660 North Jersey Avenue, Chicago, Illinois, a contract for the total work for the construction of the "Addition to East Dentistry-Medicine-Pharmacy Building at the Medical Center," for the fixed price of \$3,088,600.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comp-

troller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mrs. Watkins, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT
FOR THE PIPING SYSTEM, MISCELLANEOUS EQUIPMENT
AND THERMAL INSULATION FOR THE UTILITIES
CENTER ADDITION AT CHICAGO CIRCLE,
PHASE II**

(3) On July 21, 1966, the Illinois Building Authority received bids for the installation of the piping system, miscellaneous equipment and thermal insulation for the Utilities Center Addition, Phase II, at the Chicago Circle. The lowest bidder is T. F. Hanley Corp., 1503 South Michigan Avenue, Chicago, with a bid of \$235,598. Four other bids were received as follows:

J. L. Cunningham & Company, Chicago.....	\$243 458 00
Great Lakes Plumbing & Heating Company, Chicago.....	269 645 00
Gallaher & Speck, Chicago.....	280 159 00
Utility Air Conditioning and Heating Co., Chicago.....	382 000 00

The lowest bidder is deemed fully qualified and has performed satisfactorily under contract with the University in the past.

The project is a part of Phase II construction which the Board acting through its Executive Committee on September 2, 1965, requested the Illinois Building Authority to provide. The Authority will finance the construction and lease the facilities to the University for rental payments for which state appropriations are available. The University will transfer jurisdiction of the land on which the project will be constructed to the Authority.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board request the Illinois Building Authority to award a contract for the described work to the lowest bidder, and proceed to procure this facility for the use of the University.

I concur and recommend the adoption of the following resolution.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to T. F. Hanley Corp., 1503 S. Michigan Avenue, Chicago, Illinois, a contract for the piping system, miscellaneous equipment and thermal insulation for the construction of the Utilities Center Addition at the Chicago Circle, Phase II, for the fixed price of \$235,598.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**CONTRACTS FOR SITE DEVELOPMENT AND CONSTRUCTION
OF PARKING FACILITIES AT CHICAGO CIRCLE, PHASE II**

(4) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for site development and construction of parking facilities (for 427 cars) north of Harrison Street and west of Morgan Street at

Chicago Circle, subject to transfer of title of the land, the award in each case to the lowest bidder.

General — J. M. Corbett Co., Chicago.....	\$175 400 00
Base bid	\$171 400 00
Additive alternate for assignment of other contracts	4 000 00
Plumbing — The Nu-Way Contracting Corp., Chicago.....	34 875 00
Electric — Harmon Electric Co., Chicago.....	43 555 00
<i>Total</i>	<u>\$253 830 00</u>

It is further recommended that all contracts other than the contract for general work be assigned to the contractor for that work, making the total of his contract price \$253,830, and that an agreement be entered into with J. M. Corbett Co., Chicago, for the assignment of these other contracts for \$4,000, which amount is included in the contract price, being the amount bid by that company for service charge for supervision of other contracts assigned to the general contractor.

Funds are available in state capital appropriations to the University from the Universities Building Fund, and have been released by the Governor.

A schedule of all bids received is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

CONTRACTS FOR AIR-CONDITIONING INSTALLATIONS IN THE ROOSEVELT ROAD BUILDING

(5) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of contracts for the installation of equipment, controls, duct work, and electric service to air condition the area to be occupied by the Departments of Speech and Theatre, and German in the Roosevelt Road Building, formerly the Central National Bank Building, at Chicago Circle, the award in each case being to the lowest bidder.

Heating, Piping, Refrigeration, and Automatic Temperature Control

Systems — Reid Mechanical Contractors, Inc., Chicago.....	\$21 450 00
Ventilation — H. S. Kaiser Company, Elk Grove.....	19 800 00
Electrical — Midwest Interstate Electrical Construction Co., Chicago..	5 121 00
<i>Total</i>	<u>\$46 371 00</u>

Funds are available from state capital appropriations to the University from the Universities Building Fund.

Submitted herewith is a schedule of all bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

AGREEMENT WITH COMMONWEALTH EDISON COMPANY FOR ELECTRICAL SERVICE TO THE MEDICAL CENTER CAMPUS

(6) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an agreement to pay Commonwealth Edison Company, Chicago, \$9,855 for construction and installation of underground cables and transformer equipment to supply electrical service to the parking lots now being constructed at the Medical Center campus. The University will receive lower rates available under the "Multiple Service and Combined Billing" arrangement previously approved by the Board of Trustees for the Medical Center campus.

Funds are available in the parking program construction budget.

I concur.

On motion of Mrs. Watkins, this agreement was authorized by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**EMPLOYMENT OF DESIGN CONSULTANT
FOR CHICAGO CIRCLE CAMPUS**

(7) The Vice-President at Chicago Circle and the Vice-President and Comptroller recommend the employment of Earl L. Walls Associates, La Jolla, California, for programming and design work for the space needs of the Departments of Biological Sciences, Chemistry, Physics, and Geology in the proposed Science Complex, Phase III construction at Chicago Circle.

Billings for the service will be based on \$25 hourly rate for principal, \$20 hourly rate for associates, all other personnel at usual hourly rate plus 250 per cent, and allowable reimbursables including travel, telephone, and postage at actual cost, with total charges not to exceed \$11,000.

An appropriation of \$11,000 from the General Reserve is requested.

I concur.

On motion of Mr. Johnston, this recommendation was approved, and the requested assignment of funds was authorized by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**ADDITION TO CONTRACTS FOR ARCHITECTURAL SERVICES
AT CHICAGO CIRCLE CAMPUS**

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the contracts with Skidmore, Owings & Merrill, Chicago, for architectural services for the Behavioral Science Center and for the Science and Engineering Center of Phase III at Chicago Circle be amended to include authorization to employ Fred Schmid Associates, Chicago, as consultants on food service facilities to be installed in the two buildings.

The employment of this firm will be based on normal hourly rates, with the provision that the final fee will not exceed 8 per cent of the cost of food service equipment and 5½ per cent of costs of furnishings planned, detailed, or specified by the firm. It is estimated that the total cost of such services will not exceed \$16,700.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

PURCHASES

(9) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller; also a list of purchases authorized by the President's Office.

The lists of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United State government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were :

<i>From Appropriated Funds</i>	
Purchases Recommended	\$ 86 278 22
<i>From Institutional Funds</i>	
Purchases Authorized	23 811 72
Purchases Recommended	396 046 62
	<u>\$419 858 34</u>
<i>Grand Total</i>	\$506 136 56

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member

of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Johnston, the purchases authorized by the President were approved, and the purchases recommended were authorized.

LEASE OF QUARTERS FOR DIVISION OF UNIVERSITY EXTENSION AND COOPERATIVE EXTENSION SERVICE

(10) The Dean of the Division of University Extension, the Director of the Co-operative Extension Service, and the Vice-President and Comptroller recommend authorization of a lease with the LaSalle Madison Hotel Company of rooms on the second floor of the LaSalle Hotel, 10 North LaSalle Street, Chicago, for offices for the period from September 1, 1966, through June 30, 1967, at a rental of \$13,060 for the period. The lessor will pay necessary remodeling and redecorating costs.

The additional area in the LaSalle Hotel will enable the people assigned to the new space to use some of the facilities available in the presently rented Illini Center, and will be highly desirable for the Cooperative Extension Service and Division of University Extension activities involved.

I concur.

On motion of Mrs. Watkins, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

CONTRACT FOR BUS SERVICE FOR URBANA-CHAMPAIGN CAMPUS

(11) The Director of Purchases and the Vice-President and Comptroller recommend authorization of a contract with the Champaign-Urbana City Lines, Inc., Champaign, Illinois, for a chartered bus service for students, faculty, staff, and other authorized personnel, for the period September 1, 1966, through August 31, 1967, at an estimated total expenditure of \$72,796. Bids were invited from five other transportation companies, but the Champaign-Urbana City Lines, Inc., is the only bidder, at prices of \$6.00 per hour, with fare collection, and \$5.85 per hour, without fare collection.

It is necessary to continue an orderly intra-campus transportation system to serve students in University housing in outlying areas (such as in Orchard Downs), and staff, to supplement the public transportation system in Urbana-Champaign. The charter bus service on regular schedules (Illi-Bus) will be provided at \$6.00 per hour, per bus; special chartered service and the Faculty-Staff bus will be provided, without fare collection, at \$5.85 per hour, per bus.

The total cost is based on:

An estimated 11,511 Illi-Bus hours, less an estimated \$22,000 in fares..	\$47 066 00
Estimated 3,800 bus hours for Faculty-Staff bus.....	25 730 00
<i>Estimated Net Total.....</i>	<i>\$72 796 00</i>

Funds are available in Housing Division and Auxiliary Services budgets and staff parking fees.

I recommended authorization of this contract.

On motion of Mr. Johnston, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

BEQUEST OF JOHN I. PARCEL

(12) John I. Parcel, a member of the University of Illinois Foundation, died in St. Louis, Missouri, on May 22, 1965. In his Will Mr. Parcel made a bequest to the University of Illinois to be invested in a trust fund, the income to be used "to prosecute research projects, either analytical or experimental, in the field of structural engineering." In the alternative it was provided that the income be used to advance "the educational status of the engineering school of said University." The estate is in probate and the probate is now nearing completion.

The Executors of the Estate have advised that a claim against the estate has been filed by the Zeta Psi Educational Foundation in the amount of \$6,500, and at

a recent hearing in the Probate Court the Executors contested this claim. Negotiations have been underway regarding the \$6,500 claim and as a result of these negotiations Zeta Psi Educational Foundation agreed to accept a payment of \$5,000 in lieu of the \$6,500 claim. The Finance Committee considered this matter at its July 27, 1966, meeting and recommended that the claim be settled for \$5,000. The Executors have requested that they be provided proper authorization by the University for presentation to the Probate Court of the City of St. Louis, Missouri, this payment of \$5,000 and an indication of a consent by the University to the entry of an Order by the Probate Court authorizing and directing the Executors to make such a payment.

The following resolution is offered for adoption.

Resolution

Be It, and It Is Hereby Resolved, by the Executive Committee of The Board of Trustees of the University of Illinois, upon the recommendation of the Finance Committee of said Board, that the Executors of the Estate of John I. Parcel, Deceased, be, and they hereby are, authorized, for and on behalf of, and in the name of, The Board of Trustees of the University of Illinois, a legatee under the Will of John I. Parcel, Deceased, to compromise and settle a claim of \$6,500 filed in the Probate Court of the City of St. Louis, Missouri, by Zeta Psi Educational Foundation in the amount of \$5,000, and said Board further consents to the entry by the Probate Court of the City of St. Louis, Missouri, of an Order authorizing and directing said Executors to make the aforesaid payment of \$5,000.

On motion of Mrs. Watkins, the foregoing resolution was adopted.

RENTAL OF SPACE IN BROMLEY HALL

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of the rental of approximately 150 housing unit spaces in Bromley Hall in Champaign, beginning September 11, 1966, at a rate of \$3.00 per student unit per day for the first week, excluding food service, and \$5.00 per student unit per day, including food service, for the next two weeks.

The necessity to rent these facilities is due to the delay in completion of construction of 180 to 350 spaces in the Florida Avenue Residence Halls, resulting from a shortage of labor and three work stoppages totaling twenty-nine days.

Funds for the rental are available from income under the University's housing contracts with these students and other funds of the Housing Division.

I concur.

On motion of Mr. Johnston, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

RECESS AND EXECUTIVE SESSION

Chairman Clement announced that an executive session has been requested and was being ordered for consideration of reports and recommendations relating to property acquisitions.

On motion of Mrs. Watkins, the Committee recessed.

When the Committee reconvened in executive session, the same members of the Committee, and of the Board, and officers of the University were present as recorded at the beginning of these minutes.

The Committee resumed consideration of reports and recommendations from the President of the University.

PURCHASE OF PROPERTY AT 905 WEST ILLINOIS STREET, URBANA

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University of Illinois Foundation be requested to purchase the property at 905 West Illinois Street, Urbana, at a price of \$41,000 and lease the property to the University at a rental sufficient to pay the interest costs on a loan to finance this purchase.

The property is east of the Krannert Center for the Performing Arts and is required for future academic expansion. The lot size is 65 feet by 150 feet (9,750

square feet) and is improved with a two-story and basement frame dwelling used as a rooming house.

I concur.

On motion of Mrs. Watkins, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**PURCHASE OF PROPERTY AT 905 WEST CALIFORNIA AVENUE,
URBANA**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board request the University of Illinois Foundation to purchase the property at 905 West California Avenue, Urbana, at a price of \$75,000 and lease the property back to the University at a rental rate adequate to pay the interest on a bank loan to the Foundation to purchase the property.

The property is improved with a three-story and basement frame dwelling located on a lot 80 feet by 151 feet (12,080 square feet). This property is required for academic expansion east of the Krannert Center for the Performing Arts.

I concur.

On motion of Mr. Johnston, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**PURCHASE OF PROPERTY AT 504 EAST DANIEL STREET,
CHAMPAIGN**

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees request the University of Illinois Foundation to purchase the property at 504 East Daniel Street, Champaign, at a price of \$50,000 and lease the property to the University at a rental sufficient to pay the interest costs on a loan to the Foundation to purchase the property.

The property consists of a lot 49.5 feet by 129.1 feet (6,390 square feet), and is improved with a two-story and basement frame building which will be demolished. The area will be used for parking facilities.

I concur.

On motion of Mr. Johnston, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**PURCHASE OF PROPERTY AT 502 EAST DANIEL STREET,
CHAMPAIGN**

(17) On April 20, 1966, the Board of Trustees authorized condemnation proceedings for the acquisition of the property at 502 East Daniel Street, Champaign, and settlement at a price within University appraisals. The property consists of a lot 49.5 feet by 72.1 feet (3,569 square feet), improved with a two-story and basement frame dwelling and is needed as a site for parking facilities.

A judgment order of the Circuit Court has since been entered which provides for the vesting of title to the property in the Board of Trustees of the University of Illinois upon payment of \$30,500 as the fair market value of the property, which amount is within appraisals.

It is now recommended that the University of Illinois Foundation be requested to participate in this acquisition by paying the award, which will necessitate conveyance of title to the Foundation.

It is further recommended that the Foundation be requested to lease the property to the University at a rental sufficient to pay the interest on a bank loan to the Foundation to finance the payment of the award until the University has funds for its acquisition.

I concur and recommend adoption of the following resolution to implement the above.

**Resolution Regarding Timpone Property Located at
502 East Daniel Street, Champaign, Illinois**

WHEREAS the Judgment Order of the Circuit Court of the Sixth Judicial District, Champaign County, Illinois, entered in, the condemnation case entitled: "The

Board of Trustees of the University of Illinois, a public corporation, Petitioner vs. Raymond Timpone, Maxine Timpone, and the Commercial Bank of Champaign, a corporation of Illinois, Defendants" No. 66-L-345, under date of August 19, 1966, provides that upon payment to the County Treasurer of Champaign County, Illinois, of the amount of the award in the sum of Thirty Thousand Five Hundred Dollars (\$30,500.00) title to the Timpone Property hereinafter described shall vest in this public corporation; and

WHEREAS, this public corporation desires that the University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, pay the amount of said award in accordance with the terms of said Judgment Order and lease said Timpone Property to this public corporation and under the terms of which lease this public corporation shall be granted an option to purchase said Timpone Property; and

WHEREAS, University of Illinois Foundation at a special meeting of its Executive Committee held on August 19, 1966, has authorized such payment to be made and such lease with option to be entered into upon title to said Timpone Property being conveyed by this public corporation to it.

Now, Therefore, Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that upon payment of said award in accordance with the terms of said Judgment Order by the University of Illinois Foundation, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver, in the name, and in behalf of, this public corporation and under its Corporate Seal, a Warranty Deed, and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to University of Illinois Foundation title to the property hereinabove referred to as Timpone Property and described as follows, viz:

Lot Six (6), except the North Fifty-seven (57) feet thereof, in Block Fourteen (14) of Assessor's Subdivision of Blocks Ten (10), Eleven (11), and Fourteen (14) of J. S. Wright's Addition to Champaign in Champaign County, Illinois.

On motion of Mrs. Watkins, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

The business of the meeting having been concluded, on motion of Mrs. Watkins, the Executive Committee adjourned.

The Executive Committee of
The Board of Trustees
of the University of Illinois

WAYNE A. JOHNSTON

FRANCES B. WATKINS

HOWARD W. CLEMENT, *Chairman*

A. J. JANATA
Clerk

DEGREES CONFERRED IN AUGUST, 1966

The Secretary presented for record the following list of degrees conferred at Urbana-Champaign on August 15, 1966, on recommendation of the Urbana-Champaign Senate.

Summary

Graduate College	
Master of Arts.....	167
Master of Science.....	299
Master of Music.....	7
Master of Education.....	240
Master of Social Work.....	4
Master of Fine Arts.....	5
Master of Laws.....	1
Master of Television.....	1
Master of Architecture.....	4

Master of Accounting Science.....	13
Master of Business Administration.....	13
Master of Comparative Law.....	2
Master of Extension Education.....	3
Master of Landscape Architecture.....	2
Master of Urban Planning.....	3
Advanced Certificate in Education.....	32
Advanced Certificate in Music Education.....	1
Certificate of Advanced Study in Librarianship.....	3
<i>Total, Graduate College.....</i>	<i>(800)</i>
College of Agriculture	
Bachelor of Science.....	34
College of Engineering	
Bachelor of Science.....	66
College of Liberal Arts and Sciences	
Bachelor of Arts.....	102
Bachelor of Science.....	75
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(177)</i>
College of Law	
Bachelor of Laws.....	1
Doctor of Law.....	11
<i>Total, College of Law.....</i>	<i>(12)</i>
College of Education	
Bachelor of Science.....	21
College of Commerce and Business Administration	
Bachelor of Science.....	48
College of Journalism and Communications	
Bachelor of Science.....	6
College of Fine and Applied Arts	
Bachelor of Architecture.....	14
Bachelor of Fine Arts.....	14
Bachelor of Music.....	5
Bachelor of Science.....	2
<i>Total, College of Fine and Applied Arts.....</i>	<i>(35)</i>
College of Physical Education	
Bachelor of Science.....	15
College of Veterinary Medicine	
Bachelor of Science.....	3
<i>Total, Degrees Conferred at Urbana-Champaign.....</i>	<i>1,217</i>

GRADUATE COLLEGE

Degree of Master of Arts

In Art Education

GROVER GOMAR BOONE, JR., B.A.E., School of the Art Institute of Chicago, 1965
 ARLENE BARRIE COOPER, B.A., Harris Teachers College, 1963
 JAMES WILLIAM FLOOD, JR., B.S., Philadelphia Museum School of Art, 1962
 MICHIKO KUWAHARA, B.A.E., School of the Art Institute of Chicago, 1965
 JUDY GENE LUSSIE, B.F.A., 1963

In Art History

CHRISTINE LOUISE HOY, B.S., Northern Illinois University, 1964

In Classics

RICHARD WILLIAM CHILSON, A.B., Wayne State University, 1965
 JOHN GEORGE SCHWANE, B.A., Western Illinois University, 1965

In Dance

JOANNA ZUBATY HALL, B.S., 1959

In Economics

EDNA GIOCONDA DAVIS A., Licenciada en Ciencias, Prof. Segunda Enseñanza, University of Panama, 1952, 1954

ASUKILE SOLOMON KASONGWA, B.A., Macalester College, 1964
 PETER ROBERT MOORE, B.A., Bucknell University, 1961

In Education

PATRICIA BEATTIE KLASSEN, B.A., University of Manitoba, 1953
 BARBARA DANA MACAULAY, B.A., University of Washington, 1963
 MIAN MOHAMMAD SHAH, B.A., University of Peshawar, 1957; M.A., University of Punjab, 1959
 CHRISTIANA MARIA SMITH, B.A., New York State College (New Paltz), 1964
 SHEILA ANNE ZADER STAGGS, B.A., College of Great Falls, 1963

In English

FRANCES JONES BAKER, A.B., Greenville College, 1960
 NANCY JO BEISSNER, A.B., Incarnate Word College, 1964
 NANCY CLARE BOCK, B.A., Vanderbilt University, 1964
 ANNETTE VINCEZ CONSTANTINE, B.A., Hartwick College, 1965
 WILLIAM RICHARDSON CRAGG, B.A., University of Notre Dame, 1965
 MARY GOOCH CRENSHAW, A.B., 1965
 JULIA LAKER DEMMIN, A.B., 1963
 PAUL THOMAS DIX, JR., A.B., 1965
 KATHLEEN RETZ FINDLAY, B.A., Lake Forest College, 1965
 JOHN COLVILLE FLEMMING, JR., B.A., University of Oklahoma, 1965
 JANET ELAINE WYSONG GOUGH, A.B., Franklin College (Indiana), 1965
 MARTA CLAIRE HAAKE, A.B., Ohio University, 1965
 JOHN WILLIAM HANCOCK, B.A., St. Joseph's College (Indiana), 1960
 JACQUELINE KATHRYN HESS, A.B., Greenville College, 1963
 FREDERICK SCOTT HILLMAN, A.B., Principia College, 1963
 MARGARET CUMMINGS JOHNSON, A.B., 1965
 SUZANNE WILLA KELCH, A.B., 1964
 JUANITA AUTENRIETH LINDENBERG, B.A., Greenville College, 1965
 SANDRA LEE LOTT, A.B., Greenville College, 1962
 DAVID WILLIAM LOVELESS, B.A., Southern Illinois University, 1965
 EUGENE PATRICK MCCREARY, A.B., Boston College, 1965
 THOMAS JAMES O'DONNELL, A.B., University of Notre Dame, 1960
 WILLIAM DOREMUS PADEN, JR., A.B., Yale University, 1963
 RHEA JOAN PEASE, A.B., Wichita State University, 1963
 JOHN BATTISTA PODESCHI, B.A., Yale University, 1964
 JAMES THOMAS RICKMAN, B.A., Murray State College, 1965
 BETTY LYNN EHLERS RUECKERT, A.B., University of Michigan, 1955
 MINAS SAVVAS, A.B., 1964
 MARY LEE SCHOENBECK, A.B., Washington University, 1965
 ELEANOR ANN SMITH, B.A., Goshen College, 1965
 MICHAEL JAMES STROUD, A.B., 1965
 JACK RAY SUBLETTE, B.S., Eastern Illinois University, 1964
 CAROLYN CASADY TRIMBLE, B.A., State University of Iowa, 1964
 REBECCA JANE WELCH, A.B., 1964
 MILDRED JUNE WINKLEMAN, A.B., 1949

In French

JOYCE NICKON ALTERA, A.B., Blackburn College, 1958
 FRANK CLEMENT BRUNO, B.A., St. John's University, 1965
 JOSEPH RICHARD DELUTRI, B.A., St. John's University, 1965
 DANIEL ANTHONY GAJDA, B.A., DePaul University, 1966
 JILL FLYER INSELBERG, A.B., 1963
 RUSSELL CLARENCE KNUDSON, B.S., Illinois State University at Normal, 1956
 JANET CAROL SCHROEDER, B.A., Kalamazoo College, 1965
 SISTER ROSELLA MARIE HORVATH, A.B., Saint Xavier College, 1960
 RITA DOLORES STROMBECK, A.B., 1965

In Geography

LINDA LEONARD LAMME, B.S., 1964
 RICHARD LEE WISE, A.B., Elmhurst College, 1964

In German

DAVID EUGENE BLACKBURN, A.B., 1962
 PAUL HENRY DONOVAN, JR., A.B., Boston College, 1963
 SUSAN MARY HIRD, A.B., University of Durham, 1963
 NELSON KENDRICK McMILLAN, JR., B.A., Morehouse College, 1959
 RITA SCHUBERT TERRAS, A.B., 1961

In History

WILLIAM SIEVERS GRAEBNER, A.B., Stanford University, 1965
 GEORGE ARTHUR HESS, B.A., Greenville College, 1963
 DAVID ROBERT HUEHNER, A.B., 1964
 APOSTOLOS DEMETRIOS KARPOZILOS, B.A., Anderson College, 1966
 JON FRANCIS MCKENNA, B.A., Hanover College, 1964
 SANDRA LAWRENCE MIESEL, B.S., College of St. Francis, 1962; M.S., 1965
 PAUL FREDERICK MORF, A.B., 1964
 CHRISTINE HOLDEN SCOTT, B.A., Swarthmore College, 1965
 JIM REAY WILLSON, B.Th., Huntington College, 1939; Ph.B., Wheaton College, 1940

In Italian

SUSAN BASS MARCUS, A.B., Mount Holyoke College, 1964

In Labor and Industrial Relations

DALE LEE BENNETT, B.A., Blackburn College, 1963
 JERRY LYNN HETRICK, B.S., Indiana University, 1964
 GEORGE PAUL SALERNO, A.B., Syracuse University, 1960
 JAMES MEIRE VAN LAUWE, B.A., St. Ambrose College, 1964

In Mathematics

DAVID LEE ALBIG, B.S., Michigan State University, 1964
 STEPHEN MURRAY BAYLOR, A.B., Knox College, 1965
 RICHARD STANLEY BUKOWSKI, B.S., 1965
 LOWELL JOHN HANSEN, B.A., Bemidji State College, 1965
 NICHOLAS LYNN HOUBLER, B.S., 1964
 DANIEL CHESTER KRAKOWSKI, B.A., College of St. Thomas, 1965
 MARGARET RUTH ROBERTS, B.S., Beloit College, 1963
 KATHLEEN ANNE SMITH, B.A., Nazareth College of Rochester, 1965
 EVA MARIE MURDOCK VEACH, B.A., Southern Illinois University, 1965
 WILLIAM JOHN WALLACE, A.B., Grinnell College, 1962

In Philosophy

KEN WALTER GATZKE, B.F.A., 1962
 OTTO DALE SCHNETZER, A.B., Franklin and Marshall College, 1965
 GERALD WILLIAM SWANSON, A.B., 1964

In Political Science

DONALD ALLAN BORAH, A.B., 1965
 LEILA HUCKO FRASER, A.B., 1964
 PATRICIA EDWARDS GILLIS, B.A., Wellesley College, 1952
 THOMAS STUART GOLDWASSER, B.S.B.A., A.B., Washington University, 1962, 1964
 LEO ANTHONY HAZLEWOOD, A.B., Georgetown University, 1965
 ANITA CLARA NORDBROCK, A.B., 1965
 LOUIS JOSEPH SAMELSON, B.A., San Francisco State College, 1961
 GEORGE EDWARD TURNBULL, B.S., Western Illinois University, 1964

In Portuguese

JUDITH ANNE MILLS, B.S., 1961

In Psychology

DONNA RUDIG ALEXANDER, B.S., 1957
 MARVIN LEONARD BARON, B.S., Brooklyn College, 1963
 WILLIAM EARL BEATY, B.A., University of Florida, 1964

RAYMOND PETER JOHNSON, B.A., Nebraska State Teachers College (Kearney), 1962
 KALMAN JOEL KAPLAN, A.B., Northwestern University, 1963
 CHARLES WARREN STOCKWELL, A.B., Western Washington State College, 1964
 MARTIN EUGENE WOLFF, B.S., University of Wisconsin, 1964

In Russian

BROOKE ANDERSON, A.B., Miami University, 1964

In Social Sciences

GERALD LYLE CRAWFORD, B.S., Western Illinois University, 1964

In Sociology

MICHAL MOSES MCCALL, B.A., State University of Iowa, 1964

In Spanish

EDUARDO ALBERTO BELTRÁN, A.B., 1965

ANDREA RHEA BRADBURY, A.B., 1965

ANNE BERNADETTE BRUZAS, B.A., Northern Illinois University, 1965

JAMES SCHEIBE CAMERON, A.B., Illinois Wesleyan University, 1965

VEANNA RAE CHRISTENSEN, A.B., Grinnell College, 1959

MARCO ARMANDO COLINA-PAREJA, B.A., National University of San Marcos, 1954;
 Diploma, Associateship, University of London, 1959, 1960

ARTHUR DEAN FISHER, B.S., Southern Illinois University, 1962

THOMAS KIRKMAN JONES, A.B., University of Chattanooga, 1965

MARIA BADOUCEK MERKOWITZ, B.A., Long Island University, 1965

FRANCES RITA QUITTEL, A.B., Hunter College, 1965

MERI PHYLLIS SEINFELD, A.B., Brooklyn College, 1964

CAROL LYNN STACK, A.B., Grove City College, 1964

In Speech

HOMER LELAND BOOHER, B.S., Eastern Illinois University, 1965

ROGER BRUCE BURCH, B.A., Southern Illinois University, 1965

SHIRLEY RUTH CHAFIN, A.B., Berca College, 1960

GEORGE EDWARD HURD CHARD, A.B., 1963

SALLY BLAINE CURRY, B.S.Ed., Ohio University, 1963

NOLA ZOE DEIMER, A.B., 1962

DIANE LOUISE DUFOURD, A.B., 1964

IRENE KATHERINE DWYER, B.A., Marietta College, 1965

RICHARD ANTHONY FORCUCCI, B.S., Pennsylvania State College (Edinboro), 1964

ELIZABETH BRISTER FRANKS, B.A., University of Arkansas, 1961

RENA HOCHBERG GLASER, A.B., 1965

BETTE ANN GREENWOOD, B.A., Southwest Texas State College, 1964

LINDA ANN HIBBARD, B.S., Northwestern University, 1964

DAVID CHARLES KLEIMAN, A.B., 1965

MAXINE RENEE LICHTERMAN, A.B., 1962

JAMES GEORGE LUDWIG, A.B., 1962

MARGARET LOUISE SAVAGE, B.A., University of Mississippi, 1965

CHARLES BRUCE SUMMERS, B.A., Western Washington State College, 1965

JOHN BARRY SYLVANO, A.B., Roosevelt University, 1963

SYLVIA TOPP, B.A., McMaster University, 1960

MARJORIE MILLER TYLKE, B.A., Kansas State University, 1965

In the Teaching of English

JAMES LAMAR BYRD, B.S., Mississippi State University, 1956

NANCY JEAN OLSON FRITZSCHE, A.B., 1965

EILEEN MARY JOYCE, A.B., 1965

JIMMIE LEE KELLY, A.B., 1965

LYNNE FRANCINE SIEGEL, A.B., 1966

In the Teaching of French

DIANA SHARON OEHMS, A.B., 1965

KAAREN BURKE RODMAN, B.A., Ball State Teachers College, 1963

In the Teaching of Russian

IVANNA MARTYNIUK FOSTER, A.B., A.B., 1963, 1964
 MITCHELL STANLEY LUDWINSKI, A.B., 1964

In the Teaching of Social Studies

ROBERT BURDETTE ADAMS, A.B., 1966
 MARGARET ANN BURNS, B.A., St. Mary's College (Indiana), 1962
 SHARRYN DONN CAMPBELL, B.S., Loyola University, 1963
 KATHLEEN HELEN COLLINS, A.B., 1964
 PAUL PETER CORONEOS, B.S., 1955
 VINCENT GENNARO, A.B., Olivet Nazarene College, 1949; B.D., Nazarene Theological Seminary, 1952
 GAIL EDWARD GOODWIN, B.S., Valparaiso University, 1959
 JAMES STANLEY LEMING, A.B., 1964
 GEORGE R. MURRAY, JR., B.Gen.Educ., University of Omaha, 1959
 EDDIE LEE STONEBURNER, A.B., Greenville College, 1962
 CLARENCE RILEY TAYLOR, A.B., Greenville College, 1961

Degree of Master of Science*In Accountancy*

JACK BURTON WOLLMAN, B.S., 1964

In Advertising

BARRY JERROLD HAWORTH, B.B.A., City College of New York, 1963
 MARIA CLEOFE MONTELLANO MARTINEZ, Litt.B., University of Santo Tomas, 1953

In Aeronautical and Astronautical Engineering

ROLF EARL MAURER, B.S., 1965
 LEE EDWARD NAFZIGER, B.S., 1965
 FAI-CHOI WU, B.S., 1965

In Agricultural Economics

PIERO BRONZI, Dottore, Universita di Bari (Italy), 1958
 GERALD ALVIN HARRISON, B.S., 1965
 TONGROJ ONCHANDRA, B.S., Kasetsart University, 1964

In Agricultural Engineering

LARRY CHARLES KAUFMAN, B.S.(Agr.), B.S.(Agr.Eng.), 1965, 1965

In Agronomy

CLYDE LEE DOUGLAS, JR., B.S., Southern Illinois University, 1962
 JOHN BYRON EDMONDSON, B.S., Purdue University, 1964
 GERALD ELMO EDWARDS, B.S., Virginia Polytechnic Institute, 1965
 DALE RAY HICKS, B.S., 1960
 CARLOTTA KUSSEL MOTTO, B.S., 1964
 STEVEN JOHN WIEDMAN, B.S., 1965

In Animal Science

DONALD EDWARD KUHLMAN, B.S., 1955

In Architectural Engineering

JOHN MORRIS ROTAN, B.Arch., 1965

In Biology

THEODORE JOHN BARGMANN, A.B., North Central College, 1963
 HELEN GRIFFITH HERLOCKER, A.B., Knox College, 1965

In Botany

ROBERT EMANUEL REDMANN, A.B., University of North Dakota, 1964

In Ceramic Engineering

ALFRED WALTER NUTT, JR., B.S., 1965
 RONALD GENE RICE, B.S., 1965

DAVID HOWARD STURGIS, B.S., 1961
 THOMAS JOHN TRICK, B.S., 1965

In Chemical Engineering

LUC BERNIER, B.A.Sc., Université de Montréal, 1964
 TUNCAY MUSTAFA HISIM, B.S., Robert College, 1964

In Chemistry

JAMES MOONEY BILLET, B.S., Wheaton College, 1964
 NORMAN DENNIS CHASTEEN, A.B., University of Michigan, 1965
 MICHAEL LEON FRANKLIN, A.B., Indiana University, 1964
 LINDA JANE CLINE GAHAN, B.S., Bucknell University, 1964
 KENNETH WILLIAM HANCK, B.S., Illinois State University at Normal, 1964
 PAUL ALLAN HARGRAVE, A.B., Colgate University, 1960
 RICHARD LESLIE HARLOW, B.S., Union College, 1964
 EARL NELSON HUDSON, A.B., Albion College, 1960
 ELLIOT DALE JACKSON, B.S., Emory and Henry College, 1964
 JOHN LEE LITTLE, B.S., Youngstown University, 1964
 LARRY MARTIN LUDWICK, B.S., Mount Union College, 1963
 CARL LODEWYK MAMPAEY, S.B., Massachusetts Institute of Technology, 1964
 JOHN THOMAS MORAN, JR., B.S., College of the Holy Cross, 1964
 JOHN MICHAEL POCHAN, B.Ch.E., Rensselaer Polytechnic Institute, 1964
 DUSHAN JAMES RAPAICH, A.B., University of Oregon, 1963
 JOHN JACOB SNYDER, B.S., University of Pittsburgh, 1964
 JOHN ARTHUR SPENCER, B.S., Worcester Polytechnic Institute, 1964
 JOE DAVID TONEY, B.S., Agricultural, Mechanical and Normal College (Arkansas),
 1964
 RICHARD WILLIAM ZIESKE, B.S., St. Thomas College, 1965

In Civil Engineering

JOHN ROBERT BINDER, B.S., University of Colorado, 1965
 JAMES LEE BOCKHOLT, B.S., State University of Iowa, 1965
 RICHARD PETER BRUSCA, B.S., University of Notre Dame, 1956
 NORBERTO DÁVILA BELTRÁN, B.S., University of Puerto Rico, 1963
 PABLO DREYER BRAGADO, Ingeniero Civil, Pontificia Universidad de Javeriana, 1965
 DONALD STEVENS ESKRIDGE, B.S.C.E., Washington University, 1965
 ENRIQUE IGNACIO ESPINO, B.S., Louisiana State University and Agricultural and
 Mechanical College, 1965
 GEOFFREY ALLEN FOSBROOK, JR., B.S., Drexel Institute of Technology, 1962
 RONALD GODFREY, B.S., Arkansas State Teachers College (Conway), 1961
 GURNIE CORNELIUS GUNTER, B.S., Lincoln University, 1955; B.S., 1964
 DONALD EDWARD HALL, B.S., Indiana University, 1964
 WILLIAM THOMAS HELLER, B.S., United States Military Academy, 1965
 ROBERT DALE HODGE, B.A., Southern Illinois University, 1963
 PHILLIP NEAL IZENSON, A.B., University of Cincinnati, 1964
 GEORGE FRANCIS JOKERST, B.S., St. Louis University, 1953
 ARTHUR ROBERT KARDATZKE, JR., B.S., 1965.
 WILLIAM TERRY KIRKPATRICK, B.S., United States Military Academy, 1961
 LARRY NEALE LILLARD, B.S., Arkansas State College, 1964
 GARY REESE LORD, B.S., United States Military Academy, 1961
 GHOLAMREZA MESRI, B.S., 1965
 ROMEO EDWARD MURA, B.S., 1965
 RICHARD MAGEE ROHRBACH, B.S., United States Naval Academy, 1963; B.C.E.,
 Rensselaer Polytechnic Institute, 1965
 ROBERT HINKLE RYAN, B.S., United States Military Academy, 1959
 ALFRED VITO VERMIGLIO, B.S., 1965

In Commercial Teaching

JANET SCHLEPER AUSTIN, B.S., 1961
 JOHN WESLEY KOTT, B.S., 1963

In Dairy Science

HARRY GEORGE MARKOS, B.S., Utah State University, 1963
 LAWRENCE DEAN MULLER, B.S., 1964

In Economics

- JAMES BRIAN LONG, B.A., Southern Illinois University, 1964
 ALEXANDER JOHN RATKOWSKI, B.S., Wisconsin State University (Stevens Point), 1964
 KENNETH GRANT SHAY, A.B., 1965
 STEPHEN PAUL SWANSON, B.S., Wisconsin State College (Stevens Point), 1963

In Education

- BRUCE EDWARD MARSHALL, B.S., 1963
 ROBIN CHARLES STEERE, B.S., Manchester University, 1962

In Electrical Engineering

- LOUIS FRANCIS ABECASSIS, Dipl.Ing., Institute Supérieur d'Électronique de Paris, 1965
 ROBERT AMOS BOWMAN, B.S., 1965
 JOSEPH ROGER CORNELIER, B.A., Fordham University, 1953; B.S., 1965
 MEHMET ERMIS, B.S., 1965
 MICHAEL EDWARD FEIN, B.A., Harvard College, 1963
 MURRY IRA GLICK, B.S., 1965
 JAMES WILLIAM HAMM, B.S., St. Louis University, 1965
 EARL LAURENCE HEACOCK, B.S., 1957
 ROGER LAVERNE JOHNSON, B.S., 1965
 OK KYUN KIM, B.Sc., Seoul National University, 1958; B.S., 1964
 DOUGLAS GEORGE MARSH, B.S., Lehigh University, 1965
 DAVID CARTWRIGHT PETERSON, B.S., Newark College of Engineering, 1965
 JOSEPH ELIAS SALAH, B.S., 1965
 PATRICK DAVID SHEA, B.S., 1964
 DAVID LEWIS SQUIER, B.S., 1965
 ALAN LEE STAHL, B.S., 1965
 ROBERT RICHARD VALLENI, B.S., 1964
 CLARENCE ROBERT WALLINGFORD, B.S., Valparaiso Technical Institute, 1963
 RICHARD DEAN WATTERSON, B.S., 1965
 DUSAN ZRNIC, Dipl.Grad.Eng., University of Belgrade, 1965

In Entomology

- ROBERT WAYNE CLEGERN, B.A., University of Colorado, 1965

In Finance

- DON ALLEN MONTEITH, A.B., 1964
 ROLLIN WALTER ROACH, B.S., 1965

In Forestry

- THOMAS WOODROW ROOT, B.S., 1964

In Geology

- DONALD BRUCE ALLEN, A.B., Fresno State College, 1961

In Health Education

- NANCY JEAN COBLE, B.S., West Chester State College, 1965
 VIRGIL EUGENE ENGELS, B.S., 1965
 JOSEPH FRANK GOVERNALI, B.S., Manhattan College, 1965
 GERARD ROBERT HUMMEL, B.S., Manhattan College, 1965
 ROBERT PHILIP IRWIN, Dipl.P.E., University of Otago, 1954
 KENNETH JOHN KUDLA, B.S., St. Joseph's College, 1965
 PAUL DAVID LANDMAN, B.S.Ed., City College of New York, 1963

In Home Economics

- SHEILA BECK BARKER, B.S., Illinois State University at Normal, 1964
 SHERYL ANN COLBERT, B.S., 1965
 MARY ANN SUMMERS GROVES, B.S., West Virginia University, 1965
 JANET PHILLIPPI IZARD, B.S.H.E., West Virginia University, 1963
 LAURA LOUISE LEWIN, B.S., Mundelein College, 1965

PHYLLIS ANN MACK, A.B., Mount Mary College, 1962
 JACQUELYN MCKAY MILLER, B.S., Illinois State University at Normal, 1957

In Horticulture

KENNETH NORMAN SCHUMACHER, B.S., Iowa State University of Science and Technology, 1964
 ROBERT ELWOOD STADIN, B.S., 1964

In Journalism

JOHN JOSEPH BREEN, B.S., 1964
 DAVID JOHN HIGGINS, B.S., State University of New York (Geneseo), 1965

In Library Science

MARJORIE MCGUIRE ADAMS, B.A., State University of Iowa, 1949
 SHEILA JOAN KELLEY BERTRAM, B.Sc., McMaster University, 1962; B.L.Sc., University of Toronto, 1963
 LOIS MURIEL CROOK BEWLEY, B.A., University of British Columbia, 1947; B.L.Sc., University of Toronto, 1949
 IEVA BIKERNIEKS, A.B., 1964
 WENDELL ERNEST BOUTWELL, B.A., Southern Illinois University, 1965
 DOLORES MAYS BROUGHTON, A.B., Agricultural, Mechanical and Normal College, 1952
 LINDA LEANN BROWN, A.B., Greenville College, 1962
 MU-CHIN LIANG CHENG, A.B., M.A., National Taiwan University, 1960, 1963
 CONRAD JOHN KERULF ERIKSEN, JR., B.S., Kansas State University, 1956; A.M., University of Missouri, 1960
 NANCY MILES GILFILLAN, A.B., 1964
 BRYAN GENE HALL, B.S., Arkansas State College, 1959
 ANN LOUISE HARRIES, A.B., Guilford College, 1965
 RICHARD FREEMAN HATHAWAY, A.B., Lincoln Christian College, 1963
 MARY LOUISE HOBBS, B.A., Bridgewater College, 1965
 DAVID LOREN JOHNSON, B.S., Eastern Illinois University, 1962
 FLORENCE MATHILDA KASISKE, A.B., Illinois Wesleyan University, 1933; A.M., 1943
 NANCY ELLISON KLINGLER, B.A., Bucknell University, 1962
 ELEANOR HARTZLER KNIGHT, B.A., University of Chicago, 1942
 MARY FROST LATHROPE, B.A., Wagner College, 1939; B.S., Columbia University, 1940
 MINNIE MAURINE DARLING LIGGETT, B.Ed., Illinois State University at Normal, 1935
 MARIA DOLORES MALUGANI, B.A., Southern Illinois University, 1966
 DAVID WILLIAM McILVAINE, A.B., A.M., Wheaton College, 1961, 1963
 ALICE HILLIARD PAYNE, A.B., Agricultural, Mechanical & Normal College, 1939; M.S., Butler University, 1954
 BERTHA GOVERNOR ROSS, B.S., Florida Agricultural and Mechanical University, 1961
 PATRICIA POIGNEE RUTLEDGE, B.S., 1965
 PATRICIA ANN SANDIFER, B.S., Southern Illinois University, 1965
 JUDITH ANN SCHADT, A.B., Augustana College, 1964
 LOLA CHILDERS SLATER, B.S., Northeast Missouri State Teachers College, 1951
 LILLIE JULE STORY, B.S., Alabama State College, 1960
 JOAN BONNELL SURREY, A.B., 1954
 BARBARA CLARKE SWAIN, A.B., Lake Forest College, 1950
 LINDA BEA SZOLD, B.A., University of Michigan, 1965
 BETH SACIA THORSTENBERG, B.S., 1941; B.L.S., University of Chicago, 1948
 PHOEBE WRIGHT TIMBERLAKE, A.B., Hanover College, 1962
 LEA-RUTH CATHERINE WILKENS, B.S., University of Wisconsin (Milwaukee), 1964

In Management

GEORGE EDWARD CHARLTON, JR., B.S., Southern Illinois University, 1960
 JOHN WILLIAM HADLEY, B.S., 1962

In Marketing

JON NORMAN HULL, B.S., Southern Illinois University, 1965
 GERALD JOHN O'CONNOR, A.B., St. Anselm's College, 1964

In Mathematics

- SHIRLEY JEAN FISCHER, B.S., University of Wisconsin, 1961
 PUSHPA LATA GUPTA, B.A., M.A., Panjab University, 1959, 1962
 RAMESH CHANDRA GUPTA, B.A., Panjab University, 1955; M.A., University of Delhi, 1958
 JOSEPH WILSON HOLMES, B.S., Northern Illinois University, 1965
 JOHN BYRON JACOBS, B.S., University of Michigan, 1965
 ANTONIO LEAL, A.B., 1965
 JOHN JEFFERSON MCNALLY, B.A., University of Notre Dame, 1964
 BALRAM SINGH RAJPUT, M.Sc., Agra University, 1960
 MATT ARTHUR TANI, JR., B.S., Colorado State College, 1965
 GEORGE PHILIP WARREN, JR., B.S., M.S., Western Illinois University, 1953, 1956

In Mechanical Engineering

- RUHI ALPER, B.S., 1965
 CEZMI BERK, B.S., 1965
 CEVAD CEVIKUS, B.S., 1965
 ORHAN GALATALI, B.S., 1965
 GEORGE MAXWELL KUHN, B.S., 1965
 OZER KULACOGLU, B.S., 1965
 LAWRENCE JOSEPH SALADIN, B.M.E., Marquette University, 1964
 WALTER JOSEPH SIEVERIN, B.S., Milwaukee School of Engineering, 1962
 LESTER JAMES THOMPSON, B.S., 1965
 JOHN JOSEPH WILLIAMS, B.S., United States Air Force Academy, 1964
 DAVID ROSS WOOD, B.S., Southern Methodist University, 1965

In Metallurgical Engineering

- ROY EUGENE ADAMS, B.S., 1964
 PETER FRANK DE CHATEL, Diploma, Eötvös Loránd University (Budapest), 1963
 SUKUMAR JANA, B.E., University of Calcutta, 1963
 PHILIP BRADSHAW LINDSAY, B.S., 1965
 KAZUHIRO OTSUKA, B.S., University of Tokyo, 1961

In Microbiology

- ELIZABETH FLEMING ALLEN, A.B., University of Connecticut, 1964
 MARY ANN KASPRZYCKI, B.S., 1964
 PETER FREDERIC LOEWINTHAN, A.B., Brandeis University, 1965
 GLENDA WALTERS MARSHMAN, B.S., Northwestern State College of Louisiana, 1963
 SALLIE ROBINSON O'NEIL, B.S., St. Bonaventure University, 1964
 CHARLES WALTER ROTH, B.S., Purdue University, 1964
 MARLENE VAN CLEVE SHAW, B.S., Wittenberg University, 1964

In Music Education

- DONNA DALE ALDERDICE, B.Mus.Educ., Murray State College, 1965
 EDDIE KEITH ALLEN, B.S., 1962
 GEORGE ROBERT BERGLUND, B.Mus., Concordia College, 1963
 DONALD LLOYD BREYTSRAAK, B.M.E., Arkansas State College, 1963
 DON WELDEN COTTEN, B.S., Tennessee State University, 1964
 LYNDEL LOREN DAVIS, B.S., 1963
 MAURICE DELANDER DAVIS, B.S., Tennessee Agricultural and Industrial State University, 1962
 LIMUEL CLIFFORD DOKES, B.S., Agricultural, Mechanical and Normal College (Arkansas), 1963
 HOLLY GAY FREEMAN, B.S., 1965
 DONALD JUAN JONES, B.S., Tennessee Agricultural and Industrial State University, 1963
 NANCY ELIZABETH MCBRIAN LEWIS, B.S., Illinois State University at Normal, 1962
 DELMAR ARTHUR LOHR, B.S., 1963
 MARY DIANA MARTIN, B.S., 1965
 RODNEY LE MOYNE MILLER, B.S., 1950
 WAYNE CHARLES PEITHMAN, B.S., Illinois State University at Normal, 1961
 ANTHONY BENJAMIN PROCHASKA, A.B., Iowa State Teachers College, 1961

THOMAS WILLIAM ROBERSON, B.M.Ed., Arkansas State College, 1962
 KAREN LOUISE SCHMITZ, B.S.Ed., Eastern Illinois University, 1965
 SISTER THERESE CARMELLE JACOBS, B.M.E., Mundelein College, 1964
 SISTER MARY GEORGEANN SKWIERAWSKI, A.B., St. Xavier College, 1961
 SISTER MARY GIOVANNI ZENZ, A.B., B.Mus., College of St. Francis, 1944, 1959
 KERMIT REED WELLS, B.S., 1958

In Nuclear Engineering

THERON DAVID CARLSON, B.S., University of Nebraska, 1965
 JOHN MERKEL DORR, B.S., United States Military Academy, 1961
 RUSSELL CHARLES HIBBELER, B.S., 1965
 GERALD ALLEN LASSON, B.S., 1965
 ALEXANDER BLAIKIE LONG, B.A., Williams College, 1964
 JOHN GERARD PICARELLI, B.S., Manhattan College, 1965
 WILLIAM JOHN SULLIVAN, B.S., 1965

In Physical Education

VIRGINIA DUDE ALBERT, A.B., McKendree College, 1963
 ALPHONSE EDWARD CARDULLA, B.S., Findlay College, 1965
 CHERYL JANE COHEN, A.B., Hunter College, 1965
 JAMES HARRISON GRAHAM, B.S., 1965
 GARY AUGUSTUS JOHNSON, B.S., Northwestern State College of Louisiana, 1965
 ALAN KENT LARSON, B.S., 1964
 NEIL GRAY LITTLE, B.S., George Williams College, 1965
 RAYMOND JAMES MCGUIRE, B.S., Bowling Green State University, 1963
 CHRISTOPHER DONALD MURRAY, B.S.Ed., University of Michigan, 1964
 JOHN COLIN NASH, B.A., University of Western Ontario, 1963
 JOSEPH MICHAEL PECHINSKI, B.S., Northeastern University, 1965
 SHARON ANN PLOWMAN, A.B., Gettysburg College, 1965
 RICHARD HENDRICKS SLOAN, B.A., Monmouth College, 1959
 WILLIAM KIRK SMITH, A.B., Sioux Falls College, 1953
 RICHARD BYRON STREID, B.S., 1965
 VIRGINIA LEE STUDER, B.S., 1965

In Physics

JOHN ERNST ASHMAN, B.S., University of Wisconsin, 1965
 ROBERT NEIL BELL, B.S., Western Illinois University, 1964
 DAVID FAIMAN, B.Sc., Queen Mary College, 1965
 FREDERICK TERRENCE HARRIS, B.S., 1964
 RUSSELL JAMES MAXWELL, B.S., 1965
 LOREN EARL WEAVER, B.A., University of California, 1965
 GEORGE DANIEL ZALLY, B.A., University of Utah, 1961

In Physiology

ROBERT JOHN BUSCHMANN, B.S., Loyola University, 1964
 LARRY WAYNE DENMARK, A.B., Hunter College, 1964
 REGINALD CHARLES EGGLETON, B.S., Eastern Michigan University, 1961
 JONATHAN WAINWRIGHT GREENFIELD, B.S., University of Wisconsin, 1963
 MARY DAGMAR OSBAKKEN, A.B., 1965
 KENNETH EDWARD SCHUIT, B.S., Wheaton College, 1964
 MICHAEL HALE SMOLENSKY, B.S., 1964

In Plant Pathology

ISLAM AHMED SIDDIQUI, B.S., Uttar Pradesh Agricultural University, 1964

In Radio and Television

PATRICIA MARTTILA HORTON, B.S., 1960
 JOSEPH BRUCE SCAFE, B.S., 1964

In Recreation

CHARLES HUGH DENNEY, B.S., University of Missouri, 1965
 BARTON HASTINGS ENTRIKIN, A.B., University of Missouri, 1965

JAMES JOHN KUSKA, B.S., Michigan State University, 1963
 KENNETH DALE LAWSON, B.S., 1964
 LAWRENCE SALVATORE TORINO, B.S., Pennsylvania State University, 1965

In Sanitary Engineering

JERRY ALBERT VALCIK, B.S., University of Maryland, 1963

In Speech Correction

CANDUS STAR OLSON, B.S., Northwestern University, 1965
 KAREN REIS YOUNG, B.S., Eastern Illinois University, 1963

In Statistics

YASHASWINI DEVAL MITTAL, B.Sc. (Hons.), M.Sc., University of Poona, 1962, 1964

In the Teaching of Biological Sciences and General Science

LAWRENCE DALE LANGELLIER, B.S., 1965
 LAWRENCE EDWARD LYONS, B.S., Indiana State Teachers College, 1961
 KENNETH DUANE MICHAELS, B.S., Eastern Illinois University, 1960
 BRUCE DALTON PALMER, B.S., Carroll College, 1965
 SUELLEN MARGARET THOMPSON, B.S., 1964
 GERALD EDWIN WILLEY, B.S., 1964

In the Teaching of Geography

GARRETT JOSEPH MEHOK, B.S., Eastern Illinois University, 1963

In the Teaching of Mathematics

ARNOLD LEE BENSON, A.B., Chicago Teachers College, 1964
 CECELIA BOROWSKI, B.Ped., Université de Montréal, 1962
 RICHARD GOODWILL CARY, B.S., Northern Illinois University, 1960
 JAMES NORMAN ENYART, B.S., Bowling Green State University, 1963
 HANNA GOLDSCHMIDT, B.S., 1965
 RON HAMILTON GRAHAM, B.S., Western Illinois University, 1962
 NORMAN CARL HAFLEY, B.S., Southern Illinois University, 1962
 DENNIS WILLIAM HAUSNER, B.S., Illinois State University at Normal, 1962
 DALE WILLIAM HAYWOOD, B.S., Illinois State University at Normal, 1962
 ALLAN WILLIAM KINTZLE, B.S., Iowa State University of Science and Technology,
 1962
 JANET CAROL KORNMAN, A.B., Knox College, 1961
 JEAN ELEANOR LENNON, B.Ed., Chicago Teachers College, 1960
 MARION MILDRED MALJAN, B.S., 1965
 PRISCILLA VAUGHAN MAUERMAN, A.B., 1962
 SISTER MARY FELICITA DIGGIN, B.A., Seton Hill College, 1958

In the Teaching of Physical Sciences

KATHERINE WILLARD LADD, B.S., University of Nebraska, 1964

In Theoretical and Applied Mechanics

CARL CONRAD SCHULTZ, JR., B.S.M.E., Bradley University, 1965
 CARL THEODORE SEABERG, JR., B.S., 1964
 BILLY L. STAMPER, B.S.M.E., Purdue University, 1963
 JERRY EDWARD STONEKING, B.S., Georgia Institute of Technology, 1965
 PAUL JON WILSON, B.Aero.E., University of Detroit, 1965

In Veterinary Medical Science

RALPH KENT HERMSMEYER, A.B., 1964
 ALBERT JUNIOR KOLTVEIT, B.S. (Dairy Tech.), B.S. (Vet.Med.), D.V.M., 1952, 1956,
 1958
 JOHN ANDREW PICKRELL, B.S., D.V.M., 1963, 1965

In Zoology

EVANS ZACCHAEUS FIAKPUI, B.S., 1966
 PETER GEORGE SKALLER, B.S., Cornell University, 1964

Degree of Master of Music

- ADA MICHELMANN BLIESENER, B.Mus., B.Mus., American Conservatory of Music, 1931, 1933; M.M., 1963
 ROBERT EDWARD FOLLET, JR., Mus.B., Oberlin College, 1964
 WILLIAM O'REAR MOSELEY, B.Mus., University of Oklahoma, 1964
 DAVID BRUCE STEIN, B.A., St. Olaf College, 1962
 ELIZABETH MRUK STEVENS, Mus.B., Oberlin College, 1964
 MILTON LEWIS STEVENS, JR., Mus.B., Oberlin College, 1965
 PAUL JOHN VANDER GHEYNST, B.Mus., Indiana University, 1965

Degree of Master of Education

- JOAN SMITH ALFRED, B.S., 1954
 ALEXANDER SMITH ANDERSON, B.S., M.D., University of Michigan, 1951, 1954
 MARLENE PASET ARBETMAN, B.S., University of Michigan, 1963
 LOYD ARTHUR ATWELL, B.S., 1959
 DAVID LORIN BARCOCK, B.S., Illinois State University at Normal, 1962
 LAWRENCE EDWARD BALDWIN, A.B., 1965
 DONALD DAVID BARRETT, Sr., B.S., Western Illinois University, 1961
 AUDELE MCLEOD BEEKS, B.S., Lincoln University, 1957
 ROBERT BENJAMIN BEERS, B.S., Tri-State College, 1947
 LAVERN DONALD BOELKENS, A.B., Central College, 1957
 MARGARET ANN BOOTHBY, B.S., 1965
 BRUNO BERTRAND BOUCHER, B.S., Massachusetts State College (Fitchburg), 1964
 ROBERT LEE BOWEN, A.B., Evansville College, 1958
 WALTER RAY BRADY, B.S., Illinois State University at Normal, 1963
 BARBARA ANN BREMER, B.S., University of Kansas, 1964
 WILLIAM LEE BROWN, B.S., Illinois State University at Normal, 1963
 ROSALIND CORDTS BRUCE, A.B., Millikin University, 1963
 ALICE CHRISTINA BRUNNER, B.S., Cornell University, 1957
 GENE ROBERT BUHRMESTER, B.S., 1959
 JEANNE BLEUER BUNNING, B.S., 1961
 BETTY BOOTJER BUTLER, A.B., Morningside College, 1942
 DOMINIC LOUIS CACCAVARI, B.S., 1964
 LARRY MICHAEL CARLS, B.S., 1965
 GERALDINE PAYNE CARLTON, A.B., Asbury College, 1954
 MARY ELLEN CARLUS, B.S., College of St. Teresa, 1962
 CHARLOTTE PETERSON CARR, B.S., Illinois State University at Normal, 1961
 CAROLYN JANE CARROLL, A.B., 1963
 ELVENIA MERTINA CHAMBERS, B.S., Alcorn Agricultural and Mechanical College, 1958
 ROSIE LEE CHAMPS, B.S., Jackson State College, 1960
 EVERETT LOUIS CHARLIER, B.S., Bradley University, 1960
 JUDY KAYE CLANAHAN, B.S., Southern Illinois University, 1962
 JAMES FREDERICK CLAPPER, B.S., Northern Illinois University, 1963
 BONNIE MCCLENATHAN CLARK, B.S., Eastern Illinois University, 1960
 IDA CAROL CLEVINGER, B.F.A., Millikin University, 1959
 JACK LEROY COFFMAN, B.S., Illinois State University at Normal, 1959
 MARILYN HALLAM COLLINS, B.S., Southern Illinois University, 1958
 JULE COSTELLO COOLICAN, B.S., 1961
 DONALD REINHARD COORDES, B.S., 1959
 BENJAMIN DAVID CULLERS, B.S., Central State College (Ohio), 1962
 ROSCOE RICHARD DANIELL, B.S., Ohio State University, 1937
 CAROLE JOYCE DELUCA, B.S., 1964
 GERALD WAYNE DENNY, A.B., Lincoln Christian College, 1961
 CAROL JEAN DEVRY, A.B., 1964
 JUDITH ANTOINETTE DICARLO, A.B., Olivet Nazarene College, 1962
 DALE GERARDO DICKERSON, B.S., Southern Illinois University, 1964
 VINCENT MANFORD DICKERSON, B.A., Central State College (Oklahoma), 1939
 BONNIE BECKETT DIETRICH, B.S., Northwestern University, 1962
 ALMA KATHRINE DIXON, B.S., Eastern Illinois University, 1959
 FRANCES SWINK DOKES, B.S., Agricultural, Mechanical and Normal College (Arkansas), 1965

- SHIRLEY ANN DRASITES, B.A., Clarke College, 1965
 ROLAND KIM DRIGGERS, A.B., McKendree College, 1963
 KARIN WILLIAMS EDGELL, B.S., 1960
 ROBERT ALLEN EDWARDS, B.S., Bradley University, 1958
 ROGER HARRY EDWARDS, B.Mus., Syracuse University, 1959
 ARTHUR EDWARD EICHELBERGER, B.S., Mississippi State University, 1963
 JOHN JOSEPH EMERSON, B.S., Illinois Wesleyan University, 1962
 JANICE MURIEL ESKOZ, B.A., Roosevelt University, 1962
 CHERYL WASSMUNDT ESMOND, B.S., 1965
 HESTER LOUISE MARTIN EVANS, A.B., McKendree College, 1960
 DALE WILLIAM FATHAUER, B.S., 1963
 PHYLLIS CHRISTY FERRELL, B.S., Iowa State University, 1937
 RUTH LYNN FINLAYSON, B.S., 1964
 WILLIAM CLINTON FISHER, B.S., Eastern Illinois University, 1965
 JUDITH MEFFORD FLAKE, B.S., Tennessee Polytechnic Institute, 1961
 LINDA ZEIGLER FLEMING, A.B., Eastern New Mexico University, 1961
 ROY WILLIS FLEMING, A.B., East Texas Baptist College, 1960
 EARL SMITH FLOOD, B.S., Murray State College, 1959
 LOUIS ANTHONY FORNERO, B.S., Eastern Illinois University, 1961
 DIANE MARIE FUGLSANG, B.A., Northwestern University, 1963
 FOSTER DEVINE FULLER, B.S., Tuskegee Institute, 1953
 VERLYN KAY FULTON, B.S., Eastern Illinois University, 1962
 GALE ELDRED GARBE, B.S., Eastern Illinois University, 1961
 HENRY HERMAN GARTNER, B.S., 1957
 JULIA CATHERINE GATES, B.S., 1961
 OPAL BEAR GEBHART, B.S., Eastern Illinois University, 1960
 GRACE SCHAAF GLENZ, B.Ed., Wisconsin State College (Eau Claire), 1932
 ANNIE CAMERON GRAY, B.S., Jackson State College, 1959
 MILDRED IRENE GRESCH, A.B., 1963
 MILDRED BARNES GRIGGS, B.S., Agricultural, Mechanical and Normal College (Arkansas), 1963
 LOIS PARMENTER GUILIANI, B.A., Blackburn College, 1956
 PATRICIA ANN HALCOTT, B.S.Ed., Illinois State University, 1964
 NEVA ROSS HANSEN, B.S., Olivet Nazarene College, 1960
 RUTH AGNES HARMS, B.Ed., Illinois State University at Normal, 1943
 GENE ALVIN HARRION, B.S., Jackson State College, 1959
 FRANCES JONES HARTMAN, B.A., Ottawa University, 1945
 BARRY VALENTINE HEATON, B.S., Illinois State University at Normal, 1962
 WANDA ENGLER HEINEMANN, B.S., Southern Illinois University, 1964
 GERALDINE HERR, A.B., Mundelein College, 1955
 SUSAN MARIE HERRSTROM, B.S., New York State College (Oneonta), 1965
 HELEN ELIZABETH HESS, A.B., 1953
 PAUL LAVERNE HOLLAND, B.A., Geneva College, 1951; B.D., Fuller Theological Seminary, 1955
 RONALD HENRY HOUGAS, B.S., 1961
 JOSEPH THOMAS HOUSKA, B.S., Iowa State University, 1961
 JAMES EDWARD HUNT, B.S., Illinois State University at Normal, 1959
 CHARLES ALBERT HUTH, B.S., 1964
 RODNEY ALLEN IWEMA, A.B., Hope College, 1962
 GENEVIEVE KELSEN JABLONSKI, A.B., State College of Iowa, 1942
 JANE MARIE JACKSON, B.S., Southern University, 1961
 CAROLE ANITA JAMISON, B.S., Tennessee Agricultural and Industrial State University, 1959
 DANIEL LEE JARRETT, B.Sc., Ohio State University, 1964
 DAVID NEALE JEFFREY, B.S., 1958
 SHIRLEY ANN JENKS, B.S., 1963
 LUCILLE MARIE JEVITZ, B.S., Illinois State University at Normal, 1961
 ROY EDMUND JOHNSON, JR., B.A., Olivet Nazarene College, 1961
 CECELIA JEFFERSON JONES, B.S., Southern Illinois University, 1962
 KARL EDWARD JORDAN, B.S., St. Louis University, 1961
 RUTH JOHNSON KALTENBACH, B.S., Northern Illinois University, 1958
 FRANCIS JOSEPH KAMARYT, B.S., Loyola University, 1957

- LOIS BLACK KENNEDY, B.S., Iowa State College, 1943
 HELEN JOYCE KENNEY, B.S., Illinois State University at Normal, 1961
 DANIEL EDWARD KILEY, B.A., St. Ambrose College, 1964
 IMOGENE ENGEL KOLKHORST, B.S., Eastern Illinois University, 1948
 GEORGE ALBERT KORN, B.Ed., Keene State College, 1965
 STANLEY DOMINIC KOSIBA, B.S., 1961
 ERWIN CARL KRUMWIEDE, B.S., Illinois State University at Normal, 1961
 BETTY LOUISE MULLINS KYGER, B.S., Ball State Teachers College, 1958
 STEPHEN DENNIS LAPAN, A.B., Parsons College, 1962
 JOSEPH PATRICK LAVITE, A.B., 1964
 CAROL RAE LEE, B.S., Southern Illinois University, 1963
 SUSAN JANET LEVINE, B.S., 1965
 WALDEN SHARP LEWIS, JR., B.S., 1964
 DIANA JACOBS LITTLE, B.S., Illinois State University at Normal, 1964
 LARRY JIM LITTLE, B.S., Illinois State University at Normal, 1962
 ROBERT EDWARD LOMBARDI, A.B., Knox College, 1960
 PHYLLIS JEAN LONG, B.S., George Peabody College for Teachers, 1956
 CAROLYN LEE LORENZ, B.S., 1965
 MARY JANE HARRIS MARRINER, A.B., Beloit College, 1962
 MARGARET MARIE MARTIN, A.B.Ed., University of Michigan, 1962
 LUCILLE GARRISON MAYNARD, B.S., Southern Illinois University, 1960
 JERRY EUGENE McCANN, B.S., Southern Illinois University, 1963
 ROBERT WILLIAM McCLELLAN, B.S., Illinois State University at Normal, 1960
 MARIAN ALICE McCoy, A.B., Edgewood College, 1962
 WAYNE EARL McGEE, B.S., 1959
 MICHAEL BERNARD MCGOVERN, B.S., 1965
 MARY ROSEBELLE MCGREVEY, B.S., Quincy College, 1951
 NANCY LEE McMANAWAY, B.S., Southern Illinois University, 1963
 WILLIAM DAVID McMURTRY, B.S., 1960
 JOHN THOMAS McTAGGART, B.S., Western Illinois University, 1961
 DAREL GLENN MENSCH, B.A., Central College (Iowa), 1947
 JANE SCHUELLER MILES, B.S., 1948
 JUDITH VIVIAN MILEY, B.S., Ball State Teachers College, 1962
 JEROME MICHAEL MODJESKI, B.S., 1960
 DAVID EDGAR MOORE, B.S., 1960
 RALPH LAWRENCE MOORE, B.S., Illinois State University, 1963
 EMILY BIRCH MORGAN, A.B., DePauw University, 1963
 JEANNE BROWN MORRIS, A.B., Spelman College, 1953
 MADGE RISINGER MORRIS, B.S., Bradley University, 1961
 DOROTHY GREESON MORSCH, B.S., Illinois State University at Normal, 1950
 FRANZISKA BALLIN NAUGHTON, A.B., Roosevelt University, 1961
 HAROLD EDWIN NICHOLS, B.S., 1965
 KATHARINE DIANE NORRIS, B.A., Northwestern University, 1965
 ROBERT DAVIS OHLSON, B.S., Northern Illinois University, 1960
 HERBERT HARUKI OKAMOTO, B.S., 1964
 REGINA DAILEY OLMSTED, B.S., 1961
 ARNOLD OLSON, A.B., Augustana College, 1962
 MARY CATHERINE PABEN, B.S.Ed., Quincy College, 1962
 HAL RICHARD PADDOCK, B.S., Eastern Illinois University, 1959
 GEORGIA STAMBAUGH PAGE, B.Ed., Western Illinois University, 1941
 DOROTHY DOLORES PARNIEWICZ, A.B., Rosary College, 1960
 ROBERT JAMES PATTERSON, JR., A.B., 1965
 JAMES EARL PEACE, B.S., Bradley University, 1965
 BERNARD GERSON PELTZ, B.S., Rutgers, The State University, 1961
 PHYLLIS JOHANNA PETERSON, A.B.Ed., University of Michigan, 1953
 EUGENIA PETROPOLIS, B.Ed., National College of Education, 1946
 CHARLES JOSEPH PISONI, A.B., St. Procopius College, 1960
 JUDY SOSNOWSKI POLLOCK, B.S., 1965
 MARY JOAN POSKOZIM, B.A., Mundelein College, 1965
 LEONARD RAY PRITCHARD, B.Gen.Educ., University of Omaha, 1956
 WILLIAM RAMSDEN PUNKAY, B.S., 1964
 VERA TOLCH QUEEN, B.S., Eastern Illinois University, 1956

ELLEN LOUISE RACZYNSKI, B.A., Saint Xavier College, 1964
 LINDA JEAN REBEC, A.B., State University of Iowa, 1964
 LUTHER MASON RHUE, B.S., Austin Peay State College, 1961
 ROBERT CHARLES RICE, B.S., Cortland State Teachers College (New York), 1951
 DONALD DEAN RIDLEN, B.S., Eastern Illinois University, 1960
 CAROLE SIME RINGFELT, B.S., Illinois State University at Normal, 1962
 HELEN BECK ROBERTSON, B.S., Goshen College, 1951
 CHARLES ARTHUR ROSENBERY, B.S., Western Illinois University, 1953
 ANN MARIE BRUNING RUST, B.S., Kansas State Teachers College, 1962
 ROBERT GENE SAELENS, A.B., St. Ambrose College, 1964
 JACK CARL ST. JOHN, B.S., Western Michigan University, 1950
 PHILLIP ARNOLD SALZER, B.S., Bradley University, 1961
 PRISCILLA ANN SANDERS, B.Ed., Southern Illinois University, 1940
 GAIL SCHMIDT, B.Ed., National College of Education, 1959
 RICHARD WILLIAM SCHUELER, B.S., Northern Illinois University, 1962
 PATRICIA ANN SCZYGIEL, B.S., Mount Mary College, 1959
 JOYCE TIMMER SEAMAN, B.S., Western Michigan University, 1946
 RUDOLPH BRUCE SEASTRAND, A.B., Gustavus Adolphus College, 1962
 SANDRA JEAN SEEGREN, A.B., 1961
 DARREL EDWARD SEXTON, B.S., Southern Illinois University, 1960
 MARY ANN SHEA, B.S., College of St. Teresa, 1955
 PHILIP LESLIE SHUTT, A.B., Iowa State Teachers College, 1929
 DOROTHY ZELENY SILVER, B.A., Northwestern University, 1965
 SISTER MARY CONLETH DRISCOLL, A.B., Regis College, 1952
 SISTER CHRISTINE MARIE HARTNEY, A.B., College of Saint Joseph, 1957
 SISTER MARY REGINALD LANGE, A.B., St. Ambrose College, 1959
 SISTER MARY LUCIA LIETSCH, A.B., St. Xavier College for Women, 1960
 SISTER PHILIP MARY McDONALD, A.B., College of Saint Joseph, 1956
 SISTER M. BERTRAND McLAUGHLIN, A.B., College of St. Joseph (Massachusetts),
 1956
 SISTER MARY ANTOINETTE MILET, B.S., St. Mary's Dominican College, 1959
 SISTER MARY BARBARA VAUGHN, A.B., St. Ambrose College, 1956
 SISTER MARY LEON YAKSTAS, A.B., College of St. Francis, 1959
 STEPHEN ROBERT SKINNER, B.S., Illinois State University at Normal, 1962
 MARION EUDELL SMITH, B.S., 1958
 JOHN TALMADGE SNOW, B.A.E., School of the Art Institute of Chicago, 1952
 ROBERT DAROLD SNYDER, A.B., Greenville College, 1961
 ROBERT RASK SORENSEN, B.S., Eastern Illinois University, 1963
 DIANTHA KAY SPIRES, B.S., 1957
 ALICE BENNETT STIVERS, B.S., 1944
 SYLVIA AILEEN STRAUSER, B.S., Eastern Illinois University, 1956
 WAYNE MARO SUTTON, B.S., Western Illinois University, 1954
 THEODORE LAWRENCE TAYLOR, B.S., New York State College (New Paltz), 1963
 DIANA KAY TEEL, B.S., 1964
 MARCIA LIEDEKA THOMPSON, B.A., Beloit College, 1958
 RUTH ANN THORNTON, B.S., Eastern Illinois University, 1960
 ROBERT MELVIN THRELKELD, B.S., 1965
 MICHAEL ANGELO TITRE, B.S., 1966
 EDWARD RONALD TOMAN, B.S., 1964
 BILLY GENE TRACY, A.B., McKendree College, 1961
 ALETHA CONRAD UHE, A.B., McKendree College, 1960
 ERMA POLK VALENTINE, A.B., Stowe Teachers College, 1949
 DONNA MAE LEWIS VANCAMP, B.S., Nebraska State Teachers College, 1951
 GEORGINE HITTLE VOGRICH, B.S., Illinois State University at Normal, 1961
 ROBERT ANTON VORMITTAG, B.S., Western Illinois University, 1959
 JAMES EDWARD WALKER, B.S., 1962
 JERRY LEE WALKER, B.S., 1959
 JOHNNY LEE WATERMAN, B.S., 1962
 KELADENE GARDNER WHITE, B.S., University of California, 1962
 PHILIP HYNES WICKERSHAM, B.S., Wayne State University, 1965
 KATHLEEN JOAN WIECHMAN, B.S., Illinois State University at Normal, 1962
 WILBUR DEAN WIGANT, A.B., Monmouth College, 1958

THOMAS RHEA WILES, B.S., 1961
 DONALD FRANCIS WILLIAMS, A.B., Beloit College, 1958
 HATTIE DAVIS WILLIAMS, A.B., Tougaloo Southern Christian College, 1955
 JUDITH ANN WILLIAMS, B.S., Illinois State University at Normal, 1961
 MARY HARLENE WILSON, B.A., San Jose State College, 1963
 JUDITH MARIE WISNER, A.B., St. Xavier College, 1962
 RAYMOND DALE WOODS, A.B., McKendree College, 1963
 CLIFFORD HENRY ZENOR, SR., B.S., Bradley University, 1962
 RUSSELL ALFRED ZIMMERMAN, B.S., 1942

Degree of Master of Social Work

RUPPERT ALSTINE DOWNING, B.S., Purdue University, 1962
 LAURA NOODLEMAN IZENSON, A.B., University of Cincinnati, 1962
 UNITY ANN PETTINGA MONTZ, B.S., 1964
 THOMAS ARTHUR RICHARDSON, B.S., Illinois State University at Normal, 1964

Degree of Master of Fine Arts

In Design

THOMAS DONALD REBEK, B.F.A., Layton School of Art, 1964

In Painting and Printmaking

JOHN CASSWELL BURTON, B.F.A., Kansas City Art Institute and School of Design, 1963
 SUE PERRY GEBHARDT, B.F.A., 1964
 GERALD EUGENE HAYES, B.V.A., Auburn University, 1962
 JOHN HELMUT PACYNA, B.F.A. (Painting), B.F.A. (Adv. Design), 1964, 1964

Degree of Master of Laws

JOHN JOSEPH MURPHY, A.B., Harvard University, 1960; LL.B., Boston University, 1963

Degree of Master of Television

GEORGE SAMUEL KLINGLER, B.A., Bucknell University, 1962

Degree of Master of Architecture

RICHARD GUNNAR JENSEN, B.S., B.Arch., City College of New York, 1964, 1965
 LOUIS OCTAVIO ROBERTS, B.Arch., 1965
 EDWARD LEE VERKLER, B.S., 1948
 PAUL EDWARD YOUNG, JR., B.Arch., Ohio State University, 1955

Degree of Master of Accounting Science

WILLIAM ALAN ADAMS, B.S., Florida Southern College, 1965
 ROBERT ALPHONSO AMBROSIO, B.S., Menlo College, 1964
 MICHAEL LEWIS BENOIT, B.S., 1965
 MARIA SHAW-CHIEN CHEN, B.A., National Taiwan University, 1963
 JOSEPH ARTHUR FRUCHTER, B.S., 1965
 WILLIAM THOMAS GEARY, B.S., 1965
 BARBARA JEAN HOFF, B.S., 1965
 JOHN ASHBY MYERS, JR., B.S., Indiana University, 1964
 WILLIAM GEORGE O'REGAN, B.S., Marquette University, 1963
 DAVID LEE POPEJOY, A.B., 1964
 WILLIAM LEO PRATHER, B.B.A., University of Texas, 1961
 VAN TAYLOR STARBUCK, B.S., Iowa State University of Science and Technology, 1965
 ALAN K. VAN ORDEN, B.B.A., Idaho State University, 1965

Degree of Master of Business Administration

ALLAN JOHN BOHABOY, B.S., 1965
 STEPHEN HAROLD EYER, B.S., 1963
 FRANK GIACCIO, B.E., Maritime College, 1964
 BARRY DAVID GROSSMAN, B.S., 1965
 GARY DEAN KERBER, B.S., 1964

DENNIS RAYMOND KERCHAL, B.S., 1965
 RICHARD JACKSON LANDENBERGER, B.S., Rose Polytechnic Institute, 1962
 JAMES ANDREW LINK, B.S., Quincy College, 1964
 LARRY DAVISON MOSS, B.S., 1965
 STEPHEN STANLEY OTROSA, B.S., 1964
 PETER ARMIN PYHRR, B.S., 1964
 RICHARD DEAN WILLY, A.B., B.S., 1965, 1965
 MARVIN FREDERICK WREN, B.S., 1965

Degree of Master of Comparative Law

JONAS WILHELM MYHRE, Cand.jur., University of Oslo, 1963
 ANN MARGRETHE SØGAARD, Sand.jur., University of Aarhus, 1965

Degree of Master of Extension Education

THEODORE WILLIAM CURTIN, B.S.F., Purdue University, 1951
 ANDREW HEZEKIAH HARRIS, B.S., 1947
 CHARLES EDWARD ORCUTT, B.S., 1955

Degree of Master of Landscape Architecture

JAMES JOHN KUSKA, B.S., Michigan State University, 1963
 DONALD SCOTT LINGO, B.L.A., Ohio State University, 1964

Degree of Master of Urban Planning

DEWAYNE HENRY ANDERSON, B.Arch., Miami University, 1959
 CHARLES EDWARD JUENGLING, B.S., Colorado State University, 1964
 MELVIN JOSEPH SCHNEIDERMEYER, B.S., 1963

Advanced Certificate

In Education

KENNETH RICHARD BECKMAN, B.A., Iowa State Teachers College, 1950; M.A., State University of Iowa, 1955
 HEARL CHESTER BISHOP, B.S., Ed.M., 1950, 1953
 MELVIN LAVERNE BROWN, B.S., Eastern Illinois University, 1952; Ed.M., 1958
 GROVER CHARLES BURKETT, B.S., M.S., Southern Illinois University, 1961, 1962
 EDGAR FRANCIS CLOSE, B.A., Aurora College, 1950; Ed.M., 1956
 MARY ELIZABETH CLOSE, B.S., Illinois State University, 1952; Ed.M., 1961
 MARY JOSEPHINE CORRIGAN, B.S., Illinois State University at Normal, 1957; Ed.M., 1963
 JAMES JOHN CUPP, A.B., University of Western Ontario, 1949; M.S.I.R., Loyola University, 1953
 HELEN BONNIE CURRAN, B.S., Illinois Institute of Technology, 1946; Ed.M., 1952
 HELEN ROBERTA DAILEY, A.B., Stowe Teachers College, 1945; Ed.M., 1954
 ELIZABETH HOWELL DEAVENS, A.B., Rust College, 1944; Ed.M., Atlanta University, 1952
 VILMA INEZ EVANS, A.B., Hunter College, 1950; M.A., New York University, 1956
 LELAND RAY FRYE, B.S., Ed.M., 1952, 1958
 CARL LESLIE GOWLER, B.S., M.S., 1953, 1959
 VILAS ERVIN HARDING, B.S., M.S., Western Illinois University, 1947, 1951
 MARY CECILIA JOYCE, B.S., Illinois State University at Normal, 1956; Ed.M., 1962
 WARREN BUEFORD LEONARD, B.S., M.S., Bradley University, 1959, 1960
 RALPH WESLEY LEWIS, A.B., Wheaton College, 1950; M.S., Northern Illinois University, 1960
 PHILIP DUNCAN McEACHERN, B.Ed., M.Ed., Seattle University, 1956, 1964
 DONALD PAUL MCKINLEY, B.S., Monmouth College, 1950; M.S., Northern Illinois University, 1953
 KENNETH ORMAN MORELAND, B.S., M.S., Illinois State University at Normal, 1948, 1954
 PETER BASIL PERINO, A.B., St. Ambrose College, 1949; Ed.M., 1959
 DONALD LAIRD PRATT, B.S., Southern Illinois University, 1954; Ed.M., 1956
 BETSY MARGARET RESMONDO, B.S., George Peabody College for Teachers, 1953; Ed.M., 1964
 PHILIP CARLTON RICE, B.S., Northern Illinois University, 1960; Ed.M., 1963

- ARLENE MORAN RICKERT, B.A.E., M.A.E., School of the Art Institute of Chicago, 1956, 1958
 DAVID HARGREAVES ROSS, B.A., M.S., Victoria University of Wellington, 1947, 1954
 JOHN ROBERT SAMLIN, B.S., M.S., Illinois State University at Normal, 1951, 1955; M.A.T., Colorado College, 1961
 ARTHUR LELAND SHEARBURN, B.S., Ed.M., 1950, 1959
 JAMES PUTNAM STEINMAN, B.S., 1948; M.S., Western Illinois University, 1958
 ROBERT WAYNE TUCKER, B.S., Culver-Stockton College, 1958; Ed.M., 1963
 JAMES LEONARD WOOTTON, B.S., Southern Illinois University, 1956; Ed.M., 1961

In Music Education

- ELSIE ESTHER MAYLATH, B.S., M.S., 1952, 1961

Certificate of Advanced Study in Librarianship

- IMOGENE IRIS CLARK BOOK, B.S., Southern Illinois University, 1946; M.S., 1960
 DORIS FRANCES BRAINARD, A.B., State University of Iowa, 1938; M.S., 1962
 EPSY YEARBY HENDRICKS, B.A., Southern University, 1956; M.S., University of Wisconsin, 1960

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Agriculture*

- | | |
|--------------------------|----------------------------|
| DAVID KEITH BERG | JOHN ROBERT MARTIN |
| JAMES GARTH BERGAN | GEORGE EVERETT PEVERLY |
| LARRY WAYNE BROWN | JOSEPH WYETH RODEHAVER III |
| ROBERT DEAN DEWOLFE | JAMES CALVIN SMITH |
| JOHN CHRIS DOLL | DANIEL CLINTON STEWART |
| GLENN KENNETH EARP | SAMUEL WALTER THOMPSON |
| CHARLES OGDEN FRED | ROBERT EDWIN WALBERG |
| CHARLES WILLIAM GOODALL | THOMAS RAGLAN WININGS |
| RONALD HOWARD GREENFIELD | LARRY RUSSELL WOODCOCK |
| KANU ONYEDINACHI IKONTE | FRANK JOSEPH ZWIJACK |
| WALTER CHARLES LANGE | |

In Dairy Technology

- TOMMY LEE CROSSMAN

In Food Science

- THOMAS MICHAEL BURKE LARRY LEE HOOD

In Forestry

- JULIUS JERRY MONTERASTELLI

In Home Economics

- | | |
|-------------------------|------------------------|
| JANICE ELIZABETH CARTER | PATRICIA JEAN STEPHENS |
| WILLIE ESTHER DEBERRY | KAREN MARCIA THOMS |
| GERTRUD GOTZ | |

In Home Economics Education

- | | |
|-------------------------|------------------------|
| GEORGIA ANN ANARGYROS | MARILYN JOAN STILLENS |
| KATHIE YEAST McREYNOLDS | ARTHALYN WALKER WIELDT |

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aeronautical and Astronautical Engineering*

- NICK JOHN PAVICIC

In Agricultural Engineering

- JOHN MEREDITH SCOTT

In Ceramic Engineering

- JOHN PARKE BOYER, JR.

In Civil Engineering

CHUN-HSIUNG CHANG	DAVID PAUL KEIERLEBER
MARTIN KENNETH CHRISTENSEN	KENNETH DAVID RHODES
BRUCE NATHANIEL DANI	WILLIAM JOHN STOCES
JOHN HENRY HULSON	JOSEPH CLIFFORD SWANSON
SINAN SADIQ AL-SHAIKH JAWAD	RICHARD EVERT WAY

In Electrical Engineering

ARISTOTELIS AVLONAS	KARL LEWIS KING, Highest Honors
DENNIS FRANK BEALS	RICHARD JOHN PETER LONDON
NEIL JAY BENNETT, High Honors	GERALD EARL LUNDIN
JOEL BENNETT BROOKS	DONALD KENNETH MACINTYRE, JR.
MARCUS LOY BUNTING, Highest Honors	KENNETH PAUL MATKOVICH
ROBERT DANNER BURNHAM, Honors	TONY LORENZO MEEKS
LAWRENCE JOE CAMP	JOSEPH STEPHEN MOWBRAY
IU KWOK CHAN	CHARLES RAY ROBINSON, Honors
GUNTHER ADAM DORTH	RONALD FREDERIC ROBINSON
DAVID FRANCIS DUDEK	DAVID CLINTON SAXE
RICHARD LAMBERT ELSE, Honors	RONALD MARTIN SHAFFER
KERRY DEAN ERICKSON	LEWIS DOUGLAS SWEENEY
RICHARD DALE FAIR	DONALD EUGENE VOLLRATH
PAUL ROBERT GULBIS	JAMES ARNOLD WRIGHT
JAN TOROLV HERSTAD	

In Engineering Mechanics

DAVID CLAUDE HOLLOWAY	SAMMY AARON KIGER, High Honors
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In Engineering Physics

DENNIS COLIN CONROY	MICHAEL LYNN RAPPAPORT, High Honors
PAUL WILLIAM JANECEK	
THOMAS LEROY LEONARD	

In General Engineering

FRED JACOBS, JR.

In Industrial Engineering

WILLIAM JAMES KEILLOR, JR.	AHMET CETIN TAMER
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In Mechanical Engineering

RONALD MICHAEL BAJT, Honors	JAMES MICHAEL KNISKERN
FREDERICK CHRIS BUNNING	WILLIAM FLOYD MATTHEWS
JAMES JOSEPH CONLON	PATRICIA SHIRLEY SORA
ELIZABETH HICKS GARDNER	FRANCIS MARION THOMEY, High Honors
RICHARD DEAN HOLM	CHARLES CLARK WILKIN
THOMAS STANLEY JEDLOWSKI	JOSEPH FRANK WOLLSCHLAGER, JR.

In Metallurgical Engineering

DAVID MICHAEL FILE	JOHN RICHARD INGOLDSTAD
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*In the Teaching of Engineering Technology
Mechanical Option*

VINCENT WALTER REMPEL, Honors

COLLEGE OF LIBERAL ARTS AND SCIENCES**Degree of Bachelor of Arts***In Liberal Arts and Sciences*

JOSEPH DULLES ALLEN, Honors in Liberal Arts and Sciences with Distinction in Philosophy	MICHAEL GORDON ANDERSON, Honors in Liberal Arts and Sciences with High Distinction in History
JOHN LOWELL ANDERSON	WILLIAM JOSEPH ARNOLD, Honors in Liberal Arts and Sciences

- NANCY SIMMONS ARROYO, Honors in Liberal Arts and Sciences
 KEENAN FRANK BARBER, Honors in Liberal Arts and Sciences
 JANICE CAROL BEAR, Honors in Liberal Arts and Sciences with Distinction in English
 BARBARA BISHOP BERGER
 MICHELE ALICE BETTS, Honors in Liberal Arts and Sciences
 SEBASTIANO SAVERIO BIAGI
 FREDERICK ERNEST BOWLES
 SUSAN LEWIS BRADLEY
 RODERICK MICHAEL BRICKSIN
 NORMA JOSEPH BROWN
 ROBIN DAWSON BURNETT, Honors in Liberal Arts and Sciences
 RICHARD THOMAS CALLAGHAN
 JAMES RICHARD CASTAGNO
 JOHN OTTO CECH, Honors in Liberal Arts and Sciences with Distinction in English
 PHYLLIS DIANE CEPEK
 CECILIA CHAPFLE
 MAUREEN O'BRIEN CHELIUS
 JULIA CHEN
 JUNE LAURANCE CLARK
 JAMES ALBERT COLASURDO
 CHERYL CRABTREE
 DOROTHY EDYTHE CURRAN
 ROBERT ALAN EWERT
 JOHN MINARD FEELEY
 MARTIN JOEL FLEISHER
 MYRA SUSAN FRIEDMAN
 KATHARINE JOHANNA GALE, Honors in Liberal Arts and Sciences with Distinction in History
 CATHLEEN JULIE GANNON
 DUANE LEIGH GERLACH
 ROBERT PAUL GIERS
 CHARLES JOHN GLASNER
 PATRICIA SHOEMAKER GREEN
 ANN CHERYL HAGSTROM
 JUDITH BOUGHNER HANCOCK, Honors in Liberal Arts and Sciences
 RICHARD HAGIN HARPER, Honors in Liberal Arts and Sciences with High Distinction in Political Science
 JAMES WILLIAM HARRISON
 ALAN DAVID HOFFMAN, Honors in Liberal Arts and Sciences
 STEVEN ROBERT HOWARD
 PAMELA MARGARET JENSEN
 DALE ROBERT JOHNSTON
 KENNETH JOHN KANIA, Honors in Liberal Arts and Sciences
 PHYLLIS RUTH KOPRIVA
 DAVID JOEL KURTI, Honors in Liberal Arts and Sciences
 ROBERT DUANE LARSON
 PAMELA LAUGHLIN, Honors in Liberal Arts and Sciences
 THOMAS KEVIN LAUGHLIN
 VIRGINIA BOYLES LAWLESS
 JANE EILEEN LEWIS
 ALAN SCOTT MILLER
 CAROLYN MILLER
 RAY ROBERT MORRISON
 PHILLIP PATRICK MOSSHOLDER
 LYNNE KAY MYERS
 MARY KATHRYN OLDHAM
 DONALD EDWIN PARENTE, Honors in Liberal Arts and Sciences with Distinction in Sociology
 JUDITH ANN PARKINSON
 JAMES ROYAL PLATT
 JAMES JOSEPH POMAJEVICH, Honors in Liberal Arts and Sciences
 JOHN ALEXANDER RICHARDS, Honors in Liberal Arts and Sciences with Distinction in Economics
 NANCY ARLEEN RISSER
 RONALD LOUIS ROAKS, Honors in Liberal Arts and Sciences
 KATHLEEN ANNE SADOWSKI
 ROCHELLE SAGER
 RICHARD BERNARD SCHAGER
 MICHAEL LOUIS SCHNEIDER
 DONALD PAUL SCHOOLEY
 TERRANCE CHARLES SCHWITT
 JOHN WIGHT SHEEHAN, JR.
 PAMELA SIEGEL
 SISTER KATHRYN MARIE KENNEDY, Honors in Liberal Arts and Sciences
 KATHLEEN ANNE SMITH
 JACQUELINE DAVIS SPAULDING, Honors in Liberal Arts and Sciences with Distinction in Psychology
 GARY ERNEST SUOJA, Honors in Liberal Arts and Sciences
 MARY JEANETTE SWEENEY
 JOSEPH JOHN THESZ
 RONALD SHERWIN TIERSKY, Honors in Liberal Arts and Sciences
 WALTER ERNEST ULBRICHT
 TERRELL JON VAUGHAN
 JAMES MICHAEL WEISSMAN
 ROBERT WESSING
 NELSON ORION WESTPHAL
 JOHN PATRICK WOLGAMOT
 ELIZABETH MACPHERRAN WORCESTER, Honors in Liberal Arts and Sciences
 SYLVIA ANNE WRIGHT
 ARLETA RAE YODER
- In the Teaching of English*
- MARTHA DAVIS CAMP
 MARIANNE MARGARET COYLE, Honors in Liberal Arts and Sciences
 BARBARA JEAN MODICA
 JOEVE VAUGHN PITCHER
 LYNNE ANN WEINBERG

In the Teaching of French

HOLLY BETH BROWN, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
 CAROLYN LEA NICKOLS

In the Teaching of German

MABLE MARGARET SUNDBERG

In the Teaching of Social Studies

MITZE ANN DEROUSSE
 ELISABETH ANN LLOYD
 MANCY MARIE STANGELAND
 KAREN LYNN WEISS

In the Teaching of Speech

CAROLINE ANNE FELD RICHARDS

Degree of Bachelor of Science*In Chemical Engineering*

WILLIAM HSIONG
 MICHAEL ALAN VANDENBERG, Honors in Liberal Arts and Sciences
 BARRY HOWARD VERNICK

In Chemistry

FREDERICK MICHAEL AUSUBEL, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
 HARMON DAVID TODD, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
 MARGUERITE HOPE CHAFEE
 GREGG CARL GIESLER
 JANET LOUISE WARNER, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
 MARILYN JEAN HAMMERBERG
 DAVID MELVIN WHISNANT, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
 VICTOR RAYMOND KOCH
 CARL HEINZ KRESSMAN, Honors in Liberal Arts and Sciences
 JOSEPH JOEL PESEK, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

In Liberal Arts and Sciences

ROBERT LEE ALEXANDER
 DENIS DAVID ANDERSON
 DALIA ANTONIJA AZUBALIS
 EARL EDWIN BERKUN
 JOSEPH LOUIS BIZEK, Honors in Liberal Arts and Sciences
 JOSEPH PETER KARCAVICH, Honors in Liberal Arts and Sciences
 BRADLEY PAUL BRANSKY
 STEVEN CHARLES KEENEY
 STEVEN DOUGLAS BRAVARD
 ROBERT WILLIAM KIRBY, Honors in Liberal Arts and Sciences
 DEE ANN CARTER
 DAVID ROBERT KREIN
 DAVID CHARLES CROSS, Honors in Liberal Arts and Sciences
 EDWARD FRANCIS KUNZWEILER, JR.
 JOHN FRANCIS LAUGHNAN, Honors in Liberal Arts and Sciences
 JAMES GARRETT DALY
 DOUGLAS PAUL DEAN
 CHARLES EVERETT MARTIN
 FRANCOIS ALAIN DESCHAMPS, Honors in Liberal Arts and Sciences with High Distinction in Mathematics
 GARY ALAN MCARTHUR
 LOIS ANNE MERUTKA
 GEORGE WAYNE DODSON
 ALBERT LAWRENCE MEYERS
 ERHAN DULEKOZ
 JUDITH ELYSE MEYERSON, Honors in Liberal Arts and Sciences
 BONNIE RUTH EASTMAN
 JOHN FREDERICK ELIASON
 JOAN BARBARA NATHAN, Honors in Liberal Arts and Sciences with Distinction in Biology
 JOHN THOMAS ELLISON
 DAVID JAMES OTT
 JEANNE BAILEY ETHERIDGE
 EDWARD GERALD FOX
 WAYNE LAMAR FRANZEN
 TERRY LYNN POTTER
 ROBERT ROY FREEMAN
 DWIGHT ALDEN POWELL, Honors in Liberal Arts and Sciences
 THOMAS MICHAEL FROST, Honors in Liberal Arts and Sciences
 STEPHEN LEE REITMAN

- | | |
|--|---|
| JAMES ARTHUR RYND, Honors in Liberal Arts and Sciences with Distinction in Chemistry | EDWARD ANTHONY SMITH |
| DONALD JAY SALBERG, Honors in Liberal Arts and Sciences | SANDRA SUE SNODGRASS, Honors in Liberal Arts and Sciences |
| GARY KARL SAWYERS, Honors in Liberal Arts and Sciences | FRED ALAN STAHL |
| GUY THEODORE SCHARF | WILLIAM RAY THOMPSON |
| ROBERT MICHAEL SEPTON, Honors in Liberal Arts and Sciences | DAVID JOHN WAGLER |
| | WILLIAM JERROLD WEINER, Honors in Liberal Arts and Sciences |
| | THOMAS ROBERT WILLIAMS, JR. |

In Physics

WILLIAM FREDRICK RUSH

In Speech Correction

CECILY JANE PARKER, Honors in Liberal Arts and Sciences

MARY ALICE ROBINSON
SISTER ZITA OHLWEILER*In the Teaching of the Biological Sciences and General Science*

BERNADETTE ANN BIOLCHINI, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

MARILYN MUIR MATHIS, Honors in Liberal Arts and Sciences

LINDA BERGLUND HARANT, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

In the Teaching of Mathematics

JENNIFER LEE MARLIN, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

COLLEGE OF LAW**Degree of Bachelor of Laws**

TERRENCE LEON VOGEL

Degree of Doctor of Law

ABD EL SAMEI OMER AHMED, LL.B., University of Khartoum, 1964

RICHARD LEE HUTCHISON, A.B., 1963

LAWRENCE BRUCE BAILEY, A.B., Dartmouth College, 1963

LAWRENCE I. KIPPERMAN, A.B., 1963

RONALD NEAL BAUMGARTEN, A.B., 1964

ROBERT MONTE MACCONNELL, A.B., 1963

JOHN ADAM BILLINGTON, B.S., Millikin University, 1962

MICHAEL LEE ROACH, A.B., DePauw University, 1963

LEONARD EARL BLAKESLEY, JR., A.B., 1963

FORREST DEAN SERBLIN, B.S., 1966

MARK ROCHE WEBER, A.B., 1964

COLLEGE OF EDUCATION**Degree of Bachelor of Science***In Elementary Education*

GERALDINE YVONNE BOWSHER

CHARLES DEAN MATTIS

DONALD LEROY CUNNINGHAM

BARBARA MARR NARMONT

CAROL ANN FLATNESS

GRACE FARRAR PHILLIPS

MARTHA BLACK FRITCHLEY

DORIS GLADD REES, High Honors

GENEVA JEANNETTE HENEERY

JANICE GAMBLE SARWINSKI

ROBERTA JOY HENNER

PATRICIA WILSON SEILER

MARGARET BATEMAN KEMPLIN

LETHAMAE FARMER WADE

JUDITH FAYE KRAMER

In Secondary Education

JACOB GOLDBERG

JANE KEHOE UHLIR, Honors

KATHLEEN KAUFMANN PLUMMER

MARIAN PATRICIA MCCALL WELLS

DOROTHY YOUNGVORST POWERS

In the Education of Mentally Handicapped Children

AMANDA PIETRINI DANNER

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Accountancy*

KENNETH GERALD COHEN
 W. J. DEVERS
 JACK WILLIAM FIENE
 JAMES RAY GILLETTE
 EVERETT HENRY GOETTSCH
 GARY PAUL KOCOLOWSKI
 ROBERT LEO KRAFT
 PAUL EDWARD LOHNEIS
 JON ERNST MOHR

DOUGLAS WAYNE OBERLINK
 JOSEPH ALOYSIUS OLSZEWSKI
 JOHN HARLAN RATHE
 ARLEN DENNIS RUBIN
 JAMES RALPH SCHELLING
 ANN LESLIE SCHLUTZ
 FRANCIS JAMES SCHOETTLER
 STEPHEN MARTIN WASSERMAN
 HOWARD PERSHING WOERNER, HONORS

In Commercial Teaching

JANICE DELUKA FISHER, HONORS

In Economics

ROY EARL FRAZIER
 LAWRENCE EARL JORDAN

PAUL ALAN SMITH
 DEAN WESLEY SWIFT

In Finance

MARCIA DIAN GARMER
 BRADLEY LEWIS GOLDBERG, HONORS
 GORDON EARL GRAY, JR.
 JOHN STEPHEN KASSERMAN

DENIS ALAN ROSE
 EDWIN ALFRED SCHARLAU II
 JACK ARTHUR WESTENBORG
 RICHARD TED WIERCIAK

In Industrial Administration

WILLIAM STANLEY BARRON
 THOMAS WILBUR ERNST
 WILLIAM FREDERICK LEWKE

JOSEPH DARROW ROBINSON
 FRANKLIN LOWELL RYAN

In Management

JOHN STANLEY FIESE
 DONALD EDWARD FREEMAN
 GERALD ROBERT HAWK

GUY BENJAMIN JAFFE
 MAXINE ANN LUDINGTON
 HANJOCHEN WALTER STADTLANDER

In Marketing

JAMES RAU CONNER
 JUDITH ANN CONROY
 BERNARD GEORGE NESTOROFF

ROBERT STEPHEN POLSKY
 BARRY M. SIEGEL

In Urban Land Economics

BRIAN KEITH HARRIS

COLLEGE OF JOURNALISM AND COMMUNICATIONS**Degree of Bachelor of Science***In Communications*

JERROLD RICHARD BEGER
 RONALD GLENN BOTTRELL
 PAUL TIMOTHY CARPENTER

PAULA LEE GOTTSCHALK
 STEVEN GEORGE NISON
 SHELDON SILVER

COLLEGE OF FINE AND APPLIED ARTS**Degree of Bachelor of Architecture**

RICHARD PETER AMUNDSEN, High
 Honors
 JAMES BOYD ARTMAN

CHARLES ALDEN BROWN
 THOMAS TERRY BRULL
 GERALD LESTER EISEL

MATTHEW MICHAEL HANNER
WALKER CHASE JOHNSON
CLARK DAVID MORTON
JOHN WESLEY POWERS, JR.
SHERWIN MARTIN ROSENFELD

MAX STEELE
HARRY MARIAM STITLE III
MARGARET ZIRKEL
CHARLES BENJAMIN ZUCKER

Degree of Bachelor of Fine Arts

In Art Education

CAROL ANNE GUTTLE

BARBARA DALE SLOAN, HONORS

In Crafts

CHARLES AUSTIN HINDES

In Graphic Design

ROBERT HARRY CHISHOLM, JR.
MARY KERCHNER KABRICK
BARRY KORAL

FRANK LEE PRESNELL
SALLY ELAINE ROGERS
CAROLYN JEAN TRAUB

In Industrial Design

LAWRENCE EUGENE CRIST

JOHN DAVID DOWNIE

In Landscape Architecture

TERENCE GENE HARKNESS

In Painting

JANET MARIE CREEL

In the History of Art

LAURENE BUCKLEY BANKS, High Honors

Degree of Bachelor of Music

GARY RICHARD GROSSMAN
WILLIAM PATTERSON MULLEN
LYNN DAVID NEWTON, Honors

CAROLYN VAL SCHMIDT
DELVON RICK SMITH

Degree of Bachelor of Science

In Music Education

JAMES EDWARD GOTHARD

FLORONNE LEAH GRIFFIN

COLLEGE OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

MICHAEL CHARLES GRAVILLE

KENNETH MICHAEL POLASKI

In Recreation

GENE FRANKLIN ACKERMAN, JR.
CLAYTON DOUGLAS BEATTIE, JR.
MARY MARGARET BLAIR
DAVID CHARLES DEMAREST
LANA SUE FISHMAN
ROGER WAYNE GARRET
WILLIAM JOHN GRAHAM, JR.

HONOURE DALE HILGENBERG
ROBERT ELIOT LEE
RITA ANN MAIER
MARIETTA REESER NIXON
SARA GILLESPIE ROWDEN
MONTY JACOB TENNES

COLLEGE OF VETERINARY MEDICINE

Degree of Bachelor of Science

In Veterinary Medicine

LAWRENCE MARTIN FOX
JOHN THOMAS JOHNSON

KARL EMIL LUTHIN III

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations, declinations, cancellations, and terminations; leaves of absence; cancellation of leaves of absence; retirement.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was approved by the President of the University. C = College; S = Station; E = Extension.)

- ADELMAN, WILLIAM J., Visiting Instructor in the Institute of Labor and Industrial Relations, $\frac{1}{2}$ time, \$5,500, and in the Division of University Extension, $\frac{1}{2}$ time, \$5,500 (Urbana), one year from September 1, 1966; total salary \$11,000 (7-26-66).
- ALTENBERND, A. LYNN, Professor of English (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,712 (7-5-66).
- ANDERSON, EVELYN M., Clinical Instructor in Neurology, College of Medicine, $\frac{3}{8}$ time, one year from September 1, 1966, \$3,156, supersedes (8-17-66).
- ANDERSON, JOHN J. B., Assistant Professor of Veterinary Physiology and Pharmacology (Urbana), one year from September 1, 1966, \$10,500 (8-24-66).
- ANDERSON, LIONEL E., Research Programmer in Computer Science, Graduate College (Urbana), one year from September 1, 1966, \$11,000 (7-21-66).
- ANDERSON, WILLIAM L., Research Associate in the State Natural History Survey and in the Graduate College (Urbana), one year from July 1, 1966, \$7,620 (6-30-66).
- ANDRUS, DONALD G., Instructor in Music (Urbana), academic year 1966-67, \$7,000 (6-28-66).
- ANTON, THOMAS J., Associate Professor of Political Science (Chicago Circle), indefinite tenure from September 1, 1966, academic year service basis, \$13,500 (8-8-66).
- APPLEBY, ROGER K., Lecturer in English (Urbana), indefinite tenure from September 1, 1966, without salary; Associate Dean of the College of Liberal Arts and Sciences, $\frac{3}{8}$ time, \$11,000, and Associate Dean of Students, $\frac{1}{8}$ time, \$5,500, one year from September 1, 1966; total salary \$16,500, supersedes (8-4-66).
- ARCHER, RAYMOND M., JR., Instructor in French (Chicago Circle), academic year 1966-67, \$8,400 (7-19-66).
- ARTIAGA, GETHSEMANE D., Physician in the Health Service (Medical Center), four months from September 1, 1966, \$1,125 a month (7-19-66).
- ASPEN, ANITA J., Research Associate in Chemistry and Chemical Engineering (Urbana), six months from September 1, 1966, \$4,200, and Research Associate in Dairy Science (S) (Urbana), six months from March 1, 1967, \$4,200; total salary \$8,400, supersedes (8-3-66).
- ATKIN, J. MYRON, Associate Dean of the College of Education (Urbana), one year from September 1, 1966, and Professor of Science Education in Elementary Education, indefinite tenure from September 1, 1966, \$20,350, supersedes (8-5-66).
- ATWOOD, JOHN W., Instructor in Electrical Engineering (C) (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$2,800 (8-9-66).
- AUKES, LEWIS E., University Coordinator, Student Data System, Office of the University Dean of Admissions and Records (Urbana), one year from September 1, 1966, \$10,600, supersedes (8-17-66).
- AWASTHY, AJAYA KUMAR, Instructor in Chemistry (Chicago Circle), academic year 1966-67, \$7,100 (8-17-66).
- BAILEY, HAROLD W., Assistant Chancellor at Chicago Circle, one year from September 1, 1966, \$21,800, and Professor of Mathematics, without salary, indefinite tenure from September 1, 1966, supersedes (8-24-66).
- BAKER, PETER N., Clinical Instructor in Pediatrics, College of Medicine, $\frac{2}{8}$ time, one year from September 1, 1966, \$3,500 (7-5-66).
- BAKER, ROBERT J., Associate Professor of Surgery, College of Medicine, $\frac{1}{4}$ time, two months from July 1, 1966, \$222.92 a month, supersedes (7-5-66).
- BALBACH, MARGARET K., Visiting Assistant Professor of Botany (Urbana), academic year 1966-67, \$8,400 (8-5-66).

- BANNATYNE, ALEXANDER D., Principal Specialist, in Education (Urbana), Special Education, $\frac{1}{2}$ time, \$6,000, and in the Children's Research Center, $\frac{1}{2}$ time, \$6,000, and in the Institute for Research on Exceptional Children, without salary, academic year 1966-67; total salary \$12,000 (7-20-66).
- BARBER, DENNIS B., Instructor in Orthodontics, College of Dentistry, $\frac{1}{2}$ time, one year from September 1, 1966, supersedes (7-12-66).
- BARKER, SHEILA B., Instructor in Child Development, Home Economics (C) (Urbana), academic year 1966-67, \$6,700 (8-17-66).
- BARRINGTON, ERWIN P., Instructor in Periodontics, College of Dentistry, $\frac{7}{10}$ time, one year from September 1, 1966, \$6,300 (7-19-66).
- BAUMAN, PHILIP A., Assistant Professor of Electrical Engineering (C) (Urbana), academic year 1966-67, \$8,800, supersedes (8-8-66).
- BAUMGARTEN, RONALD J., Assistant Professor of Chemistry (Urbana), academic year 1966-67, \$10,000, supersedes (8-5-66).
- BAY, ANCILLA S., Microanalyst in Chemistry (Urbana), one year from September 1, 1966, \$5,800 (8-8-66).
- BAYER, RUDOLPH, Research Assistant Professor of Mathematics (Urbana), two months from June 16, 1966, \$1,600 (7-12-66).
- BAYM, MRS. NINA Z., Assistant Professor of English (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$5,600 (6-8-66).
- BEAMS, FLOYD A., Instructor in Accountancy (Urbana), $\frac{3}{4}$ time, academic year 1966-67, \$4,200, supersedes (8-4-66).
- BEHRENS, JOHN H., Assistant Professor of Agricultural Communications, College of Agriculture, and in the Office of Instructional Resources (Urbana), one year from September 1, 1966, \$13,600 (8-23-66).
- BEIER, EUGENE W., Research Associate in Physics (C) (Urbana), July 1, 1966-August 31, 1967, \$9,000 a year (7-19-66).
- BEKKEDAL, TEKLA, Instructor in Library Science (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,000 (8-4-66).
- BERNARD, RICHARD L., Associate Professor of Plant Genetics, Department of Agronomy (S) (Urbana), one year from September 1, 1966, without salary (8-4-66).
- BERNER, WILLIAM S., Research Associate in the Library Research Center, Graduate School of Library Science (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$3,600 (8-4-66).
- BETCHAKU, TEICHI, Instructor in Biology, School of Life Sciences (Urbana), academic year 1966-67, \$7,000 (7-26-66).
- BEUTEL, FREDERICK K., Visiting Professor of Law (Urbana), academic year 1966-67, \$19,500, supersedes (7-29-66).
- BIESINGER, MATILDA M., Instructor in Occupational Therapy, College of Medicine and School of Associated Medical Sciences, one year from September 1, 1966, \$7,500 (8-3-66).
- BISHOP, DOYLE W., Instructor in Recreation and in Psychology, Department of Recreation and Municipal Park Administration (Urbana), academic year 1966-67, \$6,800 (8-5-66).
- BLAIR, DAVID E., Instructor in Mathematics (Urbana), academic year 1966-67, \$6,000 (7-29-66).
- BLOOMER, THOMAS C., Acting Associate Dean of the College of Liberal Arts and Sciences (Urbana), one year from September 1, 1966, \$13,300, supersedes (8-3-66).
- BLUM, IRVING D., Associate Professor of English (Chicago Circle), $\frac{1}{3}$ time, three months from June 16, 1966, \$370.66 a month (7-5-66).
- BODEN, NEVILLE, Research Associate in Chemistry (Urbana), September 1-October 15, 1966, \$550 a month (8-11-66).
- BOLEY, LOYD E., Associate Dean of the College of Veterinary Medicine (Urbana), $\frac{1}{10}$ time, January 1-August 31, 1967, \$2,360; Professor of Veterinary Clinical Medicine and Head of the Department, $\frac{9}{10}$ time, \$20,240, and Professor of Veterinary Pathology and Hygiene, without salary, indefinite tenure from January 1, 1967; total salary \$22,600, supersedes (7-29-66).
- BOROWITZ, GENE, Assistant Professor of Psychiatry, College of Medicine, $\frac{9}{10}$ time, October 1, 1966-August 31, 1967, \$15,000 a year, supersedes (8-17-66).

- BOSWELL, JEB, Acting Director of the Health Service (Medical Center), $\frac{3}{4}$ time, six months from July 1, 1966, \$12,000 a year; this is in addition to his appointment as Instructor in Medicine, College of Medicine, without salary (7-5-66).
- POWERS, IAN C., Instructor in Advertising (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$2,700 (8-10-66).
- BREEDING, KENNETH J., Instructor in Electrical Engineering (C) (Urbana), $\frac{17}{100}$ time, academic year 1966-67, \$1,000 (8-8-66).
- BROWN, JOHN T., JR., Research Associate in Economics (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$3,600 (7-7-66).
- BROWN, RICHARD E., Professor of Nutrition in Dairy Science, College of Agriculture (Urbana), $\frac{1}{4}$ time, \$4,000, and Agricultural Experiment Station, $\frac{3}{4}$ time, \$12,000, indefinite tenure from September 1, 1966; total salary \$16,000 a year, supersedes (8-5-66).
- BROWNS, HERSCHEL L., Clinical Assistant Professor of Medicine, $\frac{2}{5}$ time, one year from September 1, 1966, \$3,600 (8-19-66).
- BRUCE, MRS. NORMA J., Cataloger with rank of Instructor, in the Library (Urbana), two months from July 1, 1966, \$558.33 a month (5-18-66), and for one year from September 1, 1966, \$6,700 (8-5-66).
- BRYANT, ROBERT E., Assistant Professor of Dentistry, and in the Department of Prosthodontics, College of Dentistry, $\frac{3}{5}$ time, one year from September 1, 1966, \$6,240 (7-12-66).
- BUCHER, MARY R., Associate Professor of Sociology, Department of Psychiatry, College of Medicine, indefinite tenure from September 1, 1966, \$15,500, supersedes (8-13-66).
- BUCKNALL, BARBARA J., Assistant Professor of French (Urbana), academic year 1966-67, \$8,400, supersedes (6-23-66).
- BUDDEMEIER, WILBUR D., Chief of Party and Adviser in Administration at the Jawaharlal Nehru Agricultural University, Jabalpur, M. P., India, for service under Contract USAID/nesa-149, from September 1, 1966, through November 9, 1966, \$20,850 a year; Professor of Farm Management, Department of Agricultural Economics (Urbana), indefinite tenure from November 10, 1966, supersedes (7-20-66).
- BUDDENBAUM, WARREN E., Visiting Lecturer in Chemistry (Urbana), academic year 1966-67, \$9,000, supersedes (7-20-66).
- BUDY, ANN M., Assistant Professor of Histology, College of Dentistry, one year from September 1, 1966, \$11,600 (7-29-66).
- CALDWELL, RONALD F., Research Associate in Physics (Urbana), three months from July 1, 1966, \$650 a month (7-14-66).
- CALISLAR, TAYYIP, Instructor in Veterinary Anatomy and Histology, College of Veterinary Medicine (Urbana), one year from September 1, 1966, \$9,000 (7-19-66).
- CALLANAN, THOMAS P., Instructor in Business and Technical Writing, Department of English (Urbana), academic year 1966-67, \$6,000 (6-24-66).
- CAQUFLIN, HOWARD J., Assistant Director of the Office of Foreign Student Affairs (Urbana), one year from September 1, 1966, \$9,000, supersedes (7-18-66).
- CARDENAS, GUILLERMO, Instructor in Pedodontics, College of Dentistry, July 1, 1966-August 31, 1967, \$7,500 a year (7-29-66).
- CAVANAUGH, EILEEN C., Instructor in Nursing, College of Nursing, academic year 1966-67, \$6,500 (8-11-66).
- CHAKRABARTY, ANANDA, Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$7,000 (8-5-66).
- CHAPMAN, CARLETON A., Professor of Geology (Urbana), indefinite tenure from September 1, 1966, \$16,650, academic year service basis, and Acting Head of the Department, Semester I, 1966-67, \$500; total salary \$17,150, supersedes (8-5-66).
- CHIU, REN-JONG, Research Associate in Botany (Urbana), one year from July 1, 1966, \$9,000 (6-13-66).
- CLARKE, ROBERT G., Instructor in the Institute of Aviation (Urbana), one year from September 1, 1966, \$9,200, supersedes (7-5-66).
- CLEVELAND, RICHARD A., Visiting Assistant Professor of Mathematics (Urbana), nine months from September 16, 1966, \$9,000 (7-27-66).

- CLIFTON, JEANNE S., Instructor in Medical Social Work, College of Medicine, one year from September 1, 1966, \$7,000 (7-5-66).
- COBB, ARNOLD C., Professor of Energy Engineering (Chicago Circle), $\frac{1}{2}$ time, three months from June 16, 1966, \$2,167 a month (7-20-66).
- COCROFT, MARY J., Serials Cataloger with rank of Instructor, in the Library (Urbana), one year from September 1, 1966, \$7,200 (7-5-66).
- COLLINS, DONALD J., Instructor in Mathematics (Urbana), academic year 1966-67, \$7,000 (6-8-66).
- COLWELL, RICHARD J., Associate Professor of Secondary and Continuing Education (Urbana), $\frac{1}{2}$ time, \$7,000, and of Music, $\frac{1}{3}$ time, \$4,650, indefinite tenure from September 1, 1966; and Counselor in the Council on Teacher Education, academic year 1966-67, $\frac{1}{6}$ time, \$2,350; total salary \$14,000, supersedes (7-20-66).
- CONNALLY, ERNEST A., Professor of Architecture (Urbana), $\frac{1}{4}$ time, Semester I 1966-67, and Associate Member of the Center for Advanced Study, $\frac{3}{4}$ time, Semester I, and full time, Semester II, 1966-67, total salary \$15,650 (Professor of Architecture on indefinite tenure from September 1, 1967, on an academic year service basis), supersedes (7-20-66).
- COOMBS, FRED S., Instructor in Political Science (Urbana), academic year 1966-67, \$8,000 (8-2-66).
- COPELAND, LEE I., Instructor in Endodontics, College of Dentistry, $\frac{1}{2}$ time, one year from September 1, 1966, \$4,000 (8-1-66).
- CORBIN, PATRICK L., Research Associate in Theoretical and Applied Mechanics (C) (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$3,840 (8-2-66).
- CORCORAN, ROBERT F., Assistant to the Director of Admissions and Records (Urbana), one year from September 1, 1966, \$7,500 (8-30-66).
- CORLEY, ROBERT E., Professor of Sociology (Chicago Circle), indefinite tenure from September 1, 1966, academic year service basis, and Acting Dean of Student Affairs (Chicago Circle), one year from September 1, 1966, \$16,500 a year, supersedes (8-31-66).
- CORNELIUS, ELOISE H., Consultant with rank of Assistant Professor of Social Work, in the Jane Addams Graduate School of Social Work (Chicago Circle), one year from September 1, 1966, supersedes (8-12-66).
- CORNET, JOANN M., Assistant Professor of Pediatrics, College of Medicine, July 1, 1966-August 31, 1967, \$13,500 a year, supersedes (7-5-66).
- COSTEA, NICOLAS V., Associate Professor of Medicine, College of Medicine, indefinite tenure from July 16, 1966, \$16,500 a year, supersedes (7-12-66).
- CROSBY, JAMES O., Professor of Spanish and Italian (Urbana), indefinite tenure from September 1, 1966, academic year service basis, and Associate Member of the Center for Advanced Study, academic year 1966-67, \$15,800, supersedes (7-20-66).
- CUMMINGS, RALPH W., JR., Assistant Professor of Economics (Urbana), $\frac{41}{100}$ time, \$5,350, and Assistant Director, Midwest Universities Consortium, $\frac{59}{100}$ time, \$7,750, one year from September 1, 1966; total salary \$13,100, supersedes (8-5-66).
- CUMMINGS, WILLIAM M., Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$7,200 (8-11-66).
- CURTIN, DAVID Y., Associate Member of the Center for Advanced Study, Graduate College (Urbana), and Professor of Organic Chemistry, College of Liberal Arts and Sciences (Urbana), academic year 1966-67, \$19,900 (7-20-66).
- DANIELS, ROBERT S., Consulting Psychiatrist in the Health Service (Chicago Circle), $\frac{15}{100}$ time, one year from September 1, 1966, \$2,500 (8-24-66).
- DARLING, DIERDRE A., Assistant Reference Librarian with rank of Instructor, in the Library (Chicago Circle), one year from September 1, 1966, \$6,600 (8-1-66).
- DAS, RHEA S., Research Associate in the Institute of Communications Research, College of Journalism and Communications (Urbana), two months from June 16, 1966, \$1,333.33 a month (7-11-66).
- DAY, RONALD R., Production Editor, University Press (Urbana), one year from September 1, 1966, \$7,800 (7-26-66).
- DECKER, GEORGE C., Research Associate in the Illinois Natural History Survey (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$8,940 (8-10-66).

- DEIMER, NOLA Z., Instructor in Speech (Urbana), academic year 1966-67, \$6,000 (8-23-66).
- DELHEES, KARL H., Visiting Research Associate in Psychology (Urbana), one year from September 1, 1966, \$8,600 (7-20-66).
- DEN ADEL, RAYMOND L., Instructor in the Classics (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,000 (7-22-66).
- DENBY, JOAN H., Circulation Assistant with rank of Instructor, in the Library (Urbana), one year from September 1, 1966, \$6,850 (7-19-66).
- DENNING, ROBERT G., Assistant Professor of Inorganic Chemistry (Urbana), academic year 1966-67, \$9,000 (7-20-66).
- DEW, FINIS E., Visiting Lecturer in the College of Education (Urbana), two months from June 16, 1966, \$475 a month (7-26-66).
- DIXON, PAUL E., Campus Architect, Physical Plant (Urbana), one year from September 1, 1966, \$18,000, supersedes (7-7-66).
- DOBSON, RUSSELL, Assistant Research Physicist, Department of Physics (C) (Urbana), July 5, 1966-August 31, 1967, \$7,500 a year (8-10-66).
- DOUGLAS, GEORGE H., Instructor in Business and Technical Writing (Urbana), academic year 1966-67, \$7,000 (6-23-66).
- DOWD, JOHN M., Assistant Professor of Preventive Medicine and Community Health, College of Medicine, seven months from September 1, 1966, \$1,166.67 a month (7-19-66).
- DREMUK, RICHARD, Assistant Director for Foreign and Graduate Admissions (Urbana), and Assistant University Dean for Foreign and Graduate Admissions, one year from September 1, 1966, \$12,900, supersedes (8-4-66).
- DUGAN, ROBERT F. T., Instructor in German (Chicago Circle), academic year 1966-67, \$5,450 (7-26-66).
- DUGGAN, MARJORIE, Research Chemist, Materials Research Laboratory (Urbana), July 6, 1966-August 31, 1967, \$9,500 a year (7-5-66).
- DUGGAN, THOMAS J., Visiting Assistant Professor of Sociology (Urbana), academic year 1966-67, \$9,500 (6-23-66).
- DUNCAN, MARGARET L., Instructor in Speech (Urbana), academic year 1966-67, \$5,500 (8-17-66).
- DUNKELBERGER, RICHARD H., Instructor in Medicine, $\frac{2}{3}$ time, two months from July 1, 1966, \$2,100 a year (7-5-66).
- DUNN, FLOYD, Professor of Electrical Engineering, College of Engineering, and of Biophysics, College of Liberal Arts and Sciences (Urbana), indefinite tenure from September 1, 1966, academic year service basis, \$15,000 a year, supersedes (6-29-66).
- DURANT, ADRIAN J., Visiting Assistant Professor in the Institute for Research on Exceptional Children, $\frac{3}{4}$ time, \$10,500, and Visiting Assistant Professor of Special Education (Urbana), $\frac{1}{4}$ time, \$3,500, academic year 1966-67, supersedes (7-19-66).
- DYSART, MARGARET P., Assistant Professor of Zoology, Department of Pharmacognosy and Pharmacology, College of Pharmacy, academic year 1966-67, \$9,000 (8-3-66).
- EHLER, MRS. EVELYN J., Administrative Secretary at the Njala University College, Njala, Sierra Leone, for service on Agency for International Development Contract Afr-293, for two years from August 7, 1966, \$8,800 a year (8-11-66).
- EIPE, ANNAMMA G., Instructor in Medical Social Work, College of Medicine, one year from September 1, 1966, \$8,200 (8-17-66).
- EMAMI, MILENA M., Visiting Lecturer in the College of Education (Urbana), two months from June 16, 1966, \$475 a month (7-26-66).
- ENGELMANN, SIEGFRIED, Senior Specialist in Education, Institute for Research on Exceptional Children (Urbana), one year from September 1, 1966, \$11,000, supersedes (7-18-66).
- ENGELS, ANTHONY M., Counselor in the Office of Foreign Student Affairs (Urbana), one year from September 1, 1966, \$7,000 (7-26-66).
- ENOCH, SARAH M., Instructor in Mathematics, College of Pharmacy, academic year 1966-67, \$7,200 (8-3-66).
- ERSKINE, SUSAN S., Assistant Director of Student Organizations and Activities (Chicago Circle), one year from September 1, 1966, \$7,800 (8-17-66).

- ERWIN, BENNIE G., Instructor in Veterinary Clinical Medicine (Urbana), one year from September 1, 1966, \$9,000 (8-5-66).
- ETTER, STANLEY L., Research Associate in the State Natural History Survey and in the Graduate College (Urbana), August 1, 1966-June 30, 1967, \$7,320 a year (8-5-66).
- EVANS, GWYNNE B., Professor of English (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$2,112 (7-5-66).
- EVANS, JAMES F., Instructor in Agricultural Communications (C, S, and E) (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$6,650; and Instructor in Journalism, one year from September 1, 1966, without salary, supersedes (7-19-66).
- EWING, GRACE J., Instructor in Textiles and Clothing, Department of Home Economics (C) (Urbana), academic year 1966-67, \$5,800 (8-5-66).
- EYDE, DAVID B., Instructor in Anthropology (Urbana), one month from July 1, 1966, \$1,056 (6-30-66).
- FANNING, JAMES C., Visiting Lecturer in Chemistry (Urbana), academic year 1966-67, \$11,390 (7-6-66).
- FARNHAM, CECIL H., Adviser-Manager of Research Farms at the Jawaharlal Nehru Agricultural University, Jabalpur, M. P., India, for service under Contract AID/nesa-149, from September 1, 1966, through April 14, 1968, \$11,770 a year, supersedes (7-20-66).
- FERBER, MARIANNE A., Lecturer in Economics, College of Commerce and Business Administration (Urbana), academic year 1966-67, \$10,500 (7-18-66).
- FERGUSON, ROOSEVELT, Instructor in Political Science (Chicago Circle), academic year 1966-67, \$8,400 (7-8-66).
- FERNANDEZ, LYDIA Z., Instructor in Spanish (Chicago Circle), academic year 1966-67, \$5,950 (8-2-66).
- FINNEGAN, RITA, Assistant Professor and Director of the Curriculum in Medical Record Administration, College of Medicine, \$10,000; and Chief Medical Record Librarian, Research and Educational Hospitals, without salary, one year from September 1, 1966; total salary \$10,000, supersedes (8-3-66).
- FISCH, MAX H., Professor of Philosophy (Urbana), Semester I 1966-67, \$10,000 (Professor of Philosophy on indefinite tenure from September 1, 1967, academic year service basis); Associate Member of the Center for Advanced Study, Semester II 1966-67, \$10,000; total salary \$20,000, supersedes (7-20-66).
- FISCHER, KONRAD H., Research Assistant Professor of Physics, Department of Physics and Materials Research Laboratory (C) (Urbana), August 25, 1966-August 31, 1967, \$11,000 a year, supersedes (5-23-66).
- FISHER, GLENN W., Professor in the Institute of Government and Public Affairs (Urbana), \$15,300, and Professor of Political Science, without salary, indefinite tenure from September 1, 1966, supersedes (7-18-66).
- FISHER, LOWELL B., University Coordinator, School and College Relations, in the Office of the University Dean of Admissions and Records (Urbana), one year from September 1, 1966, \$16,100, and Associate Professor of Educational Administration and Supervision, indefinite tenure (7-5-66).
- FLAUGHER, RONALD L., Postdoctoral Trainee in the Office of Instructional Resources (Urbana), one year from September 1, 1966, \$12,000 (8-11-66).
- FODA, YEHIA H., Research Associate in Horticulture (S) (Urbana), one year from September 1, 1966, \$6,600 (7-26-66).
- FOK, YU-SI, Research Associate in the State Water Survey and in the Water Resources Center, Graduate College (Urbana), one year from July 1, 1966, \$10,000 (7-14-66).
- FOSTER, PETER D., Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$6,900 (7-5-66).
- FRANCESCO, GUIDO, Assistant Professor of Architecture (Urbana), academic year 1966-67, \$9,500 (7-20-66).
- FRAYNE, JOHN P., Assistant Professor of English (Urbana), academic year 1966-67, \$8,600, supersedes (6-8-66).
- FRIEDMAN, MARTHA O., History and Philosophy Librarian with rank of Instructor, in the Library (Urbana), one year from September 1, 1966, \$7,650 (6-23-66).

- FRIEND, BEVERLY O., Instructor in English (Chicago Circle), $\frac{2}{3}$ time, academic year 1966-67, \$5,000 (8-10-66).
- FRITH, DONALD E., Professor of Art (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,334, supersedes (7-5-66).
- FUKAI, AKIRA, Research Associate in Metallurgy (C) (Urbana), one month from September 1, 1966, \$683.33 (7-19-66).
- GADDESS, TERRY, Instructor in Electrical Engineering (C) (Urbana), $\frac{17}{100}$ time, academic year 1966-67, \$1,000 (8-8-66).
- GAHAN, LAWRENCE W., Instructor in Recreation, Department of Recreation and Municipal Park Administration (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,150 (8-8-66).
- GAMBILL, NORMAN P., Instructor in Art (Urbana), academic year 1966-67, \$7,500 (7-19-66).
- GERMAN, DIANN M., Counselor in the Student Counseling Service (Chicago Circle), one year from September 1, 1966, \$7,500 (8-17-66).
- GERSON, STANLEY J., Assistant Professor of Oral Pathology, College of Dentistry, one year from July 1, 1966, \$13,000 (7-5-66).
- GILBEY, JUDITH A., Instructor in Microbiology (Urbana), one year from September 1, 1966, \$6,800 (8-5-66).
- GLASSMAN, SIDNEY F., Professor of Biological Sciences (Chicago Circle), two months from June 16, 1966, \$2,844.44 (6-7-66).
- GOPINATHAN, KARUMATHIL P., Research Associate in Microbiology (Urbana), one year from September 1, 1966, \$6,600 (8-5-66).
- GOSSLING, WILLIAM F., Research Associate in Agricultural Economics (S) (Urbana), two months from July 1, 1966, \$1,250 (7-12-66).
- GOVE, SAMUEL K., Professor in the Institute of Government and Public Affairs (Urbana), and Acting Director, \$16,700; Professor of Political Science, without salary, indefinite tenure from September 1, 1966, supersedes (7-18-66). (Appointment as Acting Director of the Institute of Government and Public Affairs is for the academic year 1966-67, or until such date that a Director may have been chosen and assumes his duties.)
- GRADY, JOHN E., Assistant Professor of Oral Anatomy, College of Dentistry, $\frac{3}{4}$ time, one year from September 1, 1966, \$5,950, supersedes (7-26-66).
- GRAHAM, PHYLLIS A., Assistant Professor of Mathematics (Urbana), academic year 1966-67, \$8,400, supersedes (7-27-66).
- GRIFFITHS, SUZANNE N., Classics Librarian with rank of Instructor, in the Library (Urbana), one year from September 1, 1966, \$7,850 (8-1-66).
- GUITHER, HAROLD D., Assistant Extension Editor with rank of Associate Professor of Agriculture, Campus Office of Agency for International Development Projects (Urbana), for service under Contract AID/csd-840, five months from April 1, 1966, without salary; this is in addition to his present appointment, with salary (6-30-66).
- GUNSAIUS, IRWIN C., Professor of Biochemistry (Urbana), indefinite tenure from September 1, 1966, academic year service basis, and Associate Member of the Center for Advanced Study, one year from September 1, 1966, \$22,900, supersedes (7-20-66).
- GUPTA, AMRIT SAGAR, Research Associate in Chemistry (Urbana), September 1-October 15, 1967, \$608.33 a month (5-27-66).
- GÜRNE, DANIELA H., Research Associate in the Radiocarbon Laboratory, Graduate College (Urbana), one year from September 1, 1966, \$7,200 (7-26-66).
- GUSFIELD, JOSEPH R., Associate Member of the Center for Advanced Study, Graduate College, Semester I 1966-67, and Professor of Sociology (Urbana), on indefinite tenure from September 1, 1966, \$16,800 a year (7-20-66).
- HALL, J. F., Visiting Lecturer in Educational Administration and Supervision (Urbana), Summer Session of 1966, July 18-August 13, 1966, \$1,200 (7-26-66).
- HALL, JAMES W., Research Associate in Motion Picture Services, College of Journalism and Communications (Urbana), one year from August 1, 1966, \$7,800 (7-19-66).
- HALL, RICHARD S., JR., Instructor in Mathematics (Urbana), academic year 1966-67, \$6,000 (7-27-66).
- HAMILTON, NORMAN T., Associate Professor of Mathematics and in the Computer

- Program (Chicago Circle), indefinite tenure from September 1, 1966, academic year service basis, \$12,500 a year (6-13-66).
- HAMILTON, TOM S., Administrative Secretary of the North Central Experiment Station Directors in the Agricultural Experiment Station (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$7,800 (7-21-66).
- HAMMONDS, CLEVELAND, JR., Visiting Lecturer in the College of Education (Urbana), two months from June 16, 1966, \$566.50 a month (7-26-66).
- HARRIS, JOSEPH B., Instructor in Agricultural Communications (C) and in Business English (Urbana), one year from September 1, 1966, \$7,400, supersedes (7-27-66).
- HARRIS, SHYAMALA G., Visiting Scientist in Physiology and Biophysics (Urbana), one year from September 1, 1966, \$8,500 (8-5-66).
- HARTMAN, FREDERICK C., Research Associate in Chemistry (Urbana), two months from September 1, 1966, \$700 a month (8-17-66).
- HARTNETT, JAMES P., Head of the Department of Energy Engineering (Chicago Circle), $\frac{1}{2}$ time, Summer Quarter 1966, \$3,167; this is in addition to his present $\frac{1}{2}$ time appointment for the Summer Quarter 1966 (8-5-66).
- HASELKORN, MICHAEL, Instructor in Accounting (Chicago Circle), $\frac{1}{3}$ time, academic year 1966-67, \$3,000 (7-19-66).
- HATHAWAY, JOHN D., Assistant University Coordinator, Student Data System, University Admissions and Records (Urbana), one year from September 1, 1966, \$9,000 (6-29-66).
- HAYES, JACK, Research Associate in the Center for Zoonoses Research, College of Veterinary Medicine (Urbana), one year from September 1, 1966, \$8,075 (8-24-66).
- HEINS, ARTHUR J., Associate Professor of Economics (Urbana), $\frac{2}{3}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,571 (7-21-66).
- HEMBROUGH, BETTY L., Assistant Dean of Women (Urbana), $\frac{3}{4}$ time, nine months from September 1, 1966, \$4,800, and full time, three months from June 1, 1967, \$2,100 (6-30-66).
- HENDERSON, ARNOLD G., Assistant Professor of Architecture (Urbana), academic year 1966-67, \$9,300, supersedes (7-11-66).
- HENRIKSEN, HARRY C., Curator of Exhibits, School of Life Sciences (Urbana), one year from September 1, 1966, \$8,200 (8-31-66).
- HERRON, ROBERT E., Assistant Professor of Recreation and Municipal Park Administration (Urbana), two months from July 1, 1966, \$2,000 (7-22-66).
- HERZOG, MARCEL, Assistant Professor of Mathematics (Urbana), academic year 1966-67, \$8,400, supersedes (8-4-66).
- HILL, JEAN F., Assistant Dean of Women, $\frac{5}{8}$ time, \$5,500, and Coordinator, Special Project for Culturally Deprived, Office of the Executive Vice-President and Provost, $\frac{4}{5}$ time, \$4,500, one year from September 1, 1966; total salary \$10,000, supersedes (7-14-66).
- HILL, RICHARD M., Associate Director of the Graduate School of Business Administration, $\frac{7}{10}$ time, \$13,280, one year from September 1, 1966; Professor of Marketing, $\frac{2}{10}$ time, \$3,520; and Professor of Business Administration (Urbana), without salary, indefinite tenure from September 1, 1966; total salary \$16,800, supersedes (8-24-66).
- HINELY, MRS. JAN L., Assistant Professor of English (Urbana), academic year 1966-67, \$8,400 (6-23-66).
- HINOJOSA-SMITH, ROMEO R., Instructor in Spanish (Urbana), academic year 1966-67, \$6,500 (8-12-66).
- HODGES, WILLIAM W., Agricultural Shop Specialist for service at the Njala University College, Njala via Mano, Sierra Leone, under Contract USAID/Afr-293, from July 28 through August 31, 1966, \$12,600 a year; and from September 1, 1966, through July 27, 1968, \$13,100 a year (7-18-66).
- HOMAN, GARY G., Research Associate in Theoretical and Applied Mechanics (C) (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$3,600 (7-6-66).
- HOOK, JULIUS N., Director of the Curriculum Study Center in the Preparation of Secondary Teachers of English (Urbana), $\frac{1}{2}$ time, two months from June 16, 1966, \$1,723; this is in addition to his appointment as Professor of English and of Education (6-29-66).

- HOTTINGER, WILLIAM L., Instructor in Physical Education for Men (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$3,348 (7-22-66).
- HOWARD, LOUIS B., Director of International Rural Development, ten months from September 1, 1966, \$19,000, and Professor of Food Science (Urbana), indefinite tenure from September 1, 1966, without salary, supersedes (7-29-66).
- HSIAO, TING H., Research Associate in Entomology (Urbana), one year from September 1, 1966, \$6,600 (8-17-66).
- HUBER, WILLIAM G., Assistant Dean of the College of Veterinary Medicine (Urbana), $\frac{3}{10}$ time, \$4,800, one year from September 1, 1966; Associate Professor of Veterinary Physiology and Pharmacology, College of Veterinary Medicine, $\frac{3}{10}$ time, \$5,040, and Associate Professor of Veterinary Research, Agricultural Experiment Station, $\frac{2}{5}$ time, \$6,360, indefinite tenure from September 1, 1966; total salary \$16,200, supersedes (8-5-66).
- HUBERT, CHARLES E., Instructor in Zoology (Urbana), academic year 1966-67, \$7,000 (8-17-66).
- HUGGINS, RAYMOND W., Visiting Assistant Professor in the Coordinated Science Laboratory and in Physics (C) (Urbana), one year from September 1, 1966, \$9,500 (8-3-66).
- HULSHOF, MARY E., Assistant Serials Librarian with rank of Instructor, in the Library (Chicago Circle), June 20, 1966-August 31, 1967, \$6,600 a year (7-19-66).
- HULSIZER, BERNICE L., Physics Librarian with rank of Instructor, in the Library (Urbana), one year from September 1, 1966, \$7,650, supersedes (8-23-66).
- HUNTER, RONALD H. F., Research Associate in Animal Science (S) (Urbana), one year from September 1, 1966, \$7,000 (7-26-66).
- HURLEY, OLIVER L., Assistant Professor of Special Education and in the Institute for Research on Exceptional Children (Urbana), academic year 1966-67, \$9,400, supersedes (7-19-66).
- ICHIMARU, SETSUO, Research Assistant Professor of Physics (C) (Urbana), November 1, 1966-August 31, 1967, \$11,500 a year (7-21-66).
- IRVIN, EUGENE W., Extension Specialist, Police Training Institute, Division of University Extension (Urbana), one year from September 1, 1966, \$9,850 (7-26-66).
- ITAGAKI, EIJI, Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$8,000, supersedes (8-17-66).
- JACKSON, ALSANDYRA L., Visiting Lecturer in Educational Psychology (Urbana), two months from June 16, 1966, \$475 a month (7-26-66).
- JACKSON, JOHN D., Professor of Physics (C) (Urbana), indefinite tenure from September 1, 1966, academic year service basis; and Associate Member of the Center for Advanced Study, Graduate College, one year from September 1, 1966, \$23,000 (7-20-66).
- JACOBSEN, HAROLD W., Lecturer in Business Law (Chicago Circle), academic year 1966-67, \$14,500 (6-24-66).
- JANATA, ANTHONY J., Staff Associate, Office of the President (Urbana), one month from September 1, 1966, \$2,208.33; and six months from October 16, 1966, $\frac{3}{5}$ time, \$1,395.33 a month (7-29-66).
- JOHANSSON, LARS, Research Associate in Chemistry (Urbana), academic year 1966-67, \$6,500 (8-5-66).
- JOHN, EDWARD, Instructor in Fixed Partial Prosthodontics, College of Dentistry, one year from September 1, 1966, \$8,350, supersedes (7-21-66).
- JOHNSON, ELIZABETH M., Instructor in Foods and Nutrition, Department of Home Economics (C) (Urbana), academic year 1966-67, \$6,200 (8-10-66).
- JOHNSON, ELLIS D., Clinical Instructor in Neurology, College of Medicine, $\frac{2}{3}$ time, one year from September 1, 1966, \$3,156, supersedes (8-17-66).
- JOHNSON, EVELYN L., Library Science Librarian with rank of Instructor, in the Library (Urbana), one year from September 1, 1966, \$8,200 (6-23-66).
- JOHNSON, FALK S., Associate Professor of English (Chicago Circle), $\frac{2}{3}$ time, three months from June 16, 1966, \$815 a month (7-5-66).
- JOHNSON, MILDRED S., Assistant Professor of Social Work (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$4,750 (8-12-66).
- JOHNSON, RAY E., Assistant Professor of Plant Physiology, Department of Agronomy (S) (Urbana), one year from September 1, 1966, without salary (8-1-66).

- JOHNSTON, SHIRLEY A., Instructor in English (Chicago Circle), academic year 1966-67, \$7,200 (8-5-66).
- JONAS, JIRI, Assistant Professor of Analytical Chemistry (Urbana), academic year 1966-67, \$11,000 (8-3-66).
- JONES, BARCLAY G., Assistant Professor of Mechanical Engineering and of Nuclear Engineering (C) (Urbana), academic year 1966-67, \$9,600 (8-5-66).
- JONES, DEBORAH A., Assistant Curator, Krannert Art Museum (Urbana), academic year 1966-67, \$6,700 (7-21-66).
- JOSELYN, GEORGE B., Research Associate in the State Natural History Survey and in the Graduate College (Urbana), one year from July 1, 1966, \$8,220 (6-27-66).
- KAHRS, KAROL A., Instructor in Physical Education for Women (Urbana), academic year 1966-67, \$7,500 (6-30-66).
- KARLSTROM, PAUL E., Instructor in General Engineering (Urbana), $\frac{3}{5}$ time, academic year 1966-67, \$4,800, supersedes (8-10-66).
- KASTELIC, JOSEPH, Adviser on Experiment Station and Animal Science at the Njala University College, Sierra Leone, for service under Contract USAID/Afr-132, from September 1, 1966, through September 21, 1966, \$21,200 a year; and Professor of Nutrition in Biochemistry, Department of Animal Science (Urbana), September 22, 1966, through August 31, 1967, academic year service basis, \$19,400 a year, supersedes (8-26-66).
- KAUVAR, GERALD B., Assistant Professor of English (Chicago Circle), academic year 1966-67, \$8,500, supersedes (8-23-66).
- KAY, VERNITA, Associate Professor of Psychiatric Nursing (Medical Center), indefinite tenure from September 1, 1966, \$14,200, supersedes (8-2-66).
- KEALY, HINMAN L. P., Lecturer in Urban Planning (Chicago Circle), academic year 1966-67, \$12,000 (8-17-66).
- KELLOGG, KING, Professor of Music (Urbana), $\frac{3}{4}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,851, supersedes (7-5-66).
- KELLY, BRUCE B., Assistant to the Dean of Students (Urbana), one year from September 1, 1966, \$8,000 (7-12-66).
- KELLY, MIKE, Research Associate in Animal Science (S) (Urbana), one year from September 1, 1966, \$7,000 (8-24-66).
- KEMP, JOHN S., Assistant University Coordinator, School and College Relations, in the Office of the University Dean of Admissions and Records (Urbana), one year from September 1, 1966, \$7,400, supersedes (7-5-66).
- KENKARE, DIVAKER B., Research Associate in Food Science (S) (Urbana), September 15, 1966-August 31, 1967, \$6,600 a year (8-23-66).
- KENT, LEONARD, Professor of Economics and Associate Dean of Business Administration (Chicago Circle), Summer Quarter 1966, \$5,167, supersedes (6-7-66); Associate Dean of Business Administration, one year from September 1, 1966, and Professor of Economics, indefinite tenure from September 1, 1966, \$20,200, supersedes (7-29-66).
- KILLBY, VIRGINIA A. A., Research Associate in Zoology (Urbana), two months from July 1, 1966, \$7,500 a year, supersedes (8-8-66).
- KING, CHARLES E., Assistant Professor of Zoology, Graduate College (Urbana), one month from July 16, 1966, \$1,056 (7-14-66).
- KIRKOV, PANCE, Visiting Lecturer in Chemistry (Urbana), nine months from September 16, 1966, \$8,000 (7-20-66).
- KITSON, JOHN W., Instructor in Advertising (Urbana), academic year 1966-67, \$9,500 (7-26-66).
- KLIMOVICH, DONALD J., Instructor in History (Chicago Circle), academic year 1966-67, \$7,500 (8-1-66).
- KNECHT, CHARLES D., Assistant Professor of Veterinary Clinical Medicine, College of Veterinary Medicine (Urbana), one year from September 1, 1966, \$12,500, supersedes (6-24-66).
- KNIGHT, KATHERINE L., Research Associate in Microbiology, College of Medicine, one year from September 1, 1966, \$6,600 (8-5-66).
- KNOBLOCH, HILDA K., Professor of Pediatrics, College of Medicine, one year from July 1, 1966, \$22,500 (8-11-66).
- KOHN, KATE H., Clinical Associate Professor of Physical Medicine and Rehabilitation, College of Medicine, $\frac{1}{10}$ time, one year from September 1, 1966, \$1,500 (8-10-66).

- KOO, PING L., Research Associate in Psychology (Urbana), one year from September 1, 1966, \$9,070, supersedes (8-5-66).
- KOPRIVA, JANET, Chemistry Library Assistant with rank of Instructor, in the Library (Urbana), one year from September 1, 1966, \$6,600 (6-30-66).
- KORNACKER, MRS. MILDRED, Assistant Professor of Sociology (Chicago Circle), academic year 1966-67, \$8,000, supersedes (8-17-66).
- KORT, WILLIAM B., Assistant Professor of Radiology, College of Dentistry, 3/10 time, one year from September 1, 1966, \$2,800, supersedes (8-17-66).
- KOTEN, JANE, Assistant Coordinator of School-University Articulation (Urbana), $\frac{1}{2}$ time, \$5,000, and Assistant to the University Dean of Admissions and Records, $\frac{1}{2}$ time, \$5,000, one year from September 1, 1966, total salary \$10,000 (8-8-66).
- KRAMER, DALE V., Assistant Professor of English (Urbana), academic year 1966-67, \$9,300, supersedes (6-20-66).
- KRIKELAS, JAMES, Research Associate in the Library Research Center, Graduate School of Library Science (Urbana), $\frac{2}{3}$ time, one year from September 1, 1966, \$5,200, supersedes (8-4-66).
- LAMBERT, ROBERT J., Assistant Professor of Agronomy (S) (Urbana), one year from September 1, 1966, \$10,000 (8-23-66).
- LANDGRAF, RONALD W., Research Associate in Theoretical and Applied Mechanics (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$3,840 (7-29-66).
- LANDMAN, PAUL, Instructor in Prosthodontics, College of Dentistry, 3/10 time, one year from September 1, 1966, \$2,100 (7-12-66).
- LARSON, ALBERT J., Instructor in Geography (Chicago Circle), academic year 1966-67, \$8,800 (8-10-66).
- LAUTENBACH, DONALD W., Instructor in Operative Dentistry, $\frac{3}{5}$ time, one year from September 1, 1966, \$4,200 (8-1-66).
- LAVELLE, FAITH W., Research Associate in Anatomy, College of Medicine, $\frac{1}{2}$ time, academic year 1966-67, \$4,200 (8-17-66).
- LEIDER, ROBERT J., Assistant Professor of Psychiatry, College of Medicine, 85/100 time, two months from July 1, 1966, \$1,105 a month, supersedes (7-5-66).
- LENFEST, DAVID S., Instructor in English (Chicago Circle), academic year 1966-67, \$8,400 (7-19-66).
- LEONHARD, CHARLES, Professor of Music (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$3,689, supersedes previous Summer Session appointment on $\frac{3}{4}$ time (7-8-66).
- LIN, JUEY-SHIN L., Research Associate in Medicine, College of Medicine, August 15, 1966-August 31, 1967, \$8,000 a year (7-21-66).
- LIU, CHAO-HAN, Assistant Professor of Electrical Engineering, College of Engineering, $\frac{2}{400}$ time, \$2,250, and Engineering Experiment Station, $\frac{79}{100}$ time, \$8,750 (Urbana), one year from September 1, 1966, total salary \$11,000 (8-8-66).
- LIU, TSUEI-CHU MONG, Research Associate in Physiology and Biophysics (Urbana), $\frac{1}{2}$ time, two months from July 1, 1966, \$529.16 (7-19-66); and for one year from September 1, 1966, \$3,300 (8-5-66).
- LO, SARA DE MUNDO, Bibliographer with rank of Instructor, in the Library (Urbana), $\frac{3}{4}$ time, one year from September 1, 1966, \$6,300 (8-4-66).
- LOONEY, RICHARD E., Instructor in the Institute of Aviation (Urbana), one year from September 1, 1966, \$7,800 (8-2-66).
- LUMSDEN, SHARON L., Instructor in Art (Urbana), $\frac{3}{4}$ time, academic year 1966-67, \$5,400 (8-24-66).
- LUPTON, DANIEL E., Research Associate in Radiology, College of Dentistry, $\frac{2}{5}$ time, one year from September 1, 1966, \$4,000, supersedes (8-23-66).
- MACLEOD, RODERICK, Assistant Professor of Botany (Urbana), academic year 1966-67, \$10,250, supersedes (8-5-66).
- MAGELLI, PAUL J., Assistant Dean of the College of Liberal Arts and Sciences (Urbana), for one year from September 1, 1966, \$11,500 (6-28-66).
- MAJOR, ROBERT W., Instructor in English (Chicago Circle), academic year 1966-67, \$7,000 (8-17-66).

- MAKINO, SEIICHI, Instructor in Linguistics (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$3,600 (7-29-66).
- MALINOSKY, ALFONSE T., Associate Professor of Accounting (Chicago Circle), Summer Quarter 1966, \$3,900, supersedes (6-7-66).
- MALONE, WILLIAM F., Associate Professor of Operative Dentistry and Head of the Department, College of Dentistry, indefinite tenure from September 1, 1966, \$14,000 a year (7-9-66).
- MANNING, JOHN L., Assistant Professor of Operative Dentistry, College of Dentistry, $\frac{3}{5}$ time, one year from September 1, 1966, \$7,200, supersedes (7-21-66).
- MAREK, CHARLES R., Research Associate in Civil Engineering (C), $\frac{1}{2}$ time, \$3,850, and Instructor in Civil Engineering (C), $\frac{1}{2}$ time, \$3,850 (Urbana), academic year 1966-67; total salary \$7,700, supersedes (8-4-66).
- MARK, HAROLD, Research Associate in the Jane Addams Graduate School of Social Work (Urbana), one year from September 1, 1966, \$11,500, supersedes (7-5-66).
- MARKS, G. WARREN, Instructor in Civil Engineering (C) (Urbana), academic year 1966-67, \$7,800 (8-2-66).
- MASSON, KELVIN J., Research Associate in Music (Urbana), academic year 1966-67, \$11,250 (8-2-66).
- MASUR, ERNEST F., Professor of Engineering Mechanics, and Head of the Department of Materials Engineering (Chicago Circle), $\frac{1}{3}$ time, three months from June 16, 1966, \$2,055, and Head of the Department of Materials Engineering, $\frac{2}{3}$ time, two months from June 16, 1966, \$2,740; total salary \$4,795, supersedes (7-20-66).
- MATURE, ALBERT P., Instructor in Spanish (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$3,667 (8-11-66).
- MCCREE, MARY L., Manuscript Librarian and Curator of the Hull House Collections with the rank of Instructor (Chicago Circle), one year from September 1, 1966, \$8,600, supersedes (8-8-66).
- MCDONAGH, SEAN P., Instructor in Mathematics (Urbana), academic year 1966-67, \$8,000 (6-8-66).
- MCLEAN, FRANKLIN C., Visiting Professor of Histology, College of Dentistry, $\frac{2}{5}$ time, one year from September 1, 1966, \$5,140 (7-18-66).
- MELACHOURIS, NICHOLAS, Research Associate in Food Science (S) (Urbana), one year from September 1, 1966, \$6,700 (8-23-66).
- MEREDITH, DALE D., Instructor in Civil Engineering (C) (Urbana), academic year 1966-67, \$8,500 (8-11-66).
- MERRIFIELD, ALEANOR, Consultant with rank of Associate Professor, in the Jane Addams Graduate School of Social Work (Chicago Circle), indefinite tenure from September 1, 1966, \$12,750, supersedes (8-4-66).
- MEWS, SIEGFRIED, Instructor in German (Urbana), academic year 1966-67, \$5,600 (8-9-66).
- MEYERSON, BERNARD L., Director of the Office of Foreign Student Affairs, Dean of Students Office, $\frac{1}{2}$ time, and in the Graduate College, $\frac{1}{2}$ time (Urbana), one year from September 1, 1966, \$12,500 (7-10-66).
- MILES, MAURICE H., Visiting Research Assistant Professor in the Department of Mining, Metallurgy, and Petroleum Engineering (Urbana), June 6-September 15, 1966, \$1,000 a month (7-12-66).
- MILLER, EUGENE E., Instructor in English (Urbana), academic year 1966-67, \$5,400 (6-27-66).
- MILLER, SONIA, Associate Professor of English (Chicago Circle), $\frac{2}{3}$ time, three months from June 16, 1966, \$741 a month, supersedes (7-5-66).
- MIRELOWITZ, SEYMOUR, Assistant Professor of Social Work in the Jane Addams Graduate School of Social Work (Chicago Circle), one year from September 1, 1966, \$11,750 (8-11-66).
- MITCHELL, JAMES K., Research Associate in Agricultural Engineering (S) (Urbana), one year from September 1, 1966, \$8,750 (8-8-66).
- MOLL, DENNIS H., Instructor in Physical Education for Men (Chicago Circle), academic year 1966-67, \$6,100 (8-2-66).
- MORAITIS, GEORGE, Assistant Professor of Psychiatry, College of Medicine, $\frac{3}{4}$ time, one year from September 1, 1966, \$15,000 (7-5-66).

- MORAN, RUSSELL L., Visiting Lecturer in Economics (Urbana), 12 per cent time, Summer Session of 1966, June 20-August 13, 1966, \$334 (7-5-66).
- MORGAN, BRUCE W., Assistant Professor of Economics (Urbana), academic year 1966-67, \$10,700, supersedes (7-18-66).
- MOSEK, KAREN D., Research Associate in Microbiology (Urbana), one year from September 1, 1966, \$6,800 (8-5-66).
- MULLINS, CHARLES W., Instructor in Mathematics, in the College of Liberal Arts and Sciences and in the Graduate College (Urbana), $\frac{2}{3}$ time, two and one-half months from June 16, 1966, \$1,333.32, and $\frac{1}{3}$ time, two months from June 16, 1966, \$555.54 (6-30-66).
- NAGAI, TOSHIO, Visiting Scientist in Physiology (Urbana), one year from September 1, 1966, \$8,500, supersedes (7-22-66).
- NANCE, JAMES F., Associate Professor of Botany (Urbana), indefinite tenure from September 1, 1966, \$13,700, and Acting Head of the Department of Botany (Urbana), academic year 1966-67, \$1,200; total salary \$14,900, supersedes (8-5-66).
- NARAYANA RAO, N., Assistant Professor of Electrical Engineering, College of Engineering, $\frac{4}{100}$ time, \$4,420, and Engineering Experiment Station, $\frac{59}{100}$ time, \$6,380 (Urbana), one year from September 1, 1966, total salary \$10,800, supersedes (8-10-66).
- NASATIR, SHELLEY H., Instructor in Radiology, College of Medicine, October 1, 1966-August 31, 1967, \$16,000 a year (8-11-66).
- NAZAK, DENNIS G., Instructor in Spanish (Chicago Circle), academic year 1966-67, \$6,500 (8-10-66).
- NESSERLOADE, JOHN R., Research Associate in Psychology (Urbana), one year from September 1, 1966, \$9,000 (8-2-66).
- NEWELL, ROBERT M., Instructor in Music (Urbana), academic year 1966-67, \$7,000 (6-16-66).
- NEWTON, M. GARY, Visiting Lecturer in Chemistry (Urbana), $\frac{1}{2}$ time, nine months from September 16, 1966, \$4,000 (8-2-66).
- NEZU, HIROYUKI, Research Associate in Chemistry (Urbana), October 1, 1966-August 31, 1967, \$7,000 a year (7-19-66).
- NICKELSEN, DALE C., Instructor in Pedodontics, College of Dentistry, $\frac{3}{2}$ time, one year from September 1, 1966, \$5,050, supersedes (7-5-66).
- NICOLETTE, JOHN A., Assistant Professor of Biological Sciences (Chicago Circle), academic year 1966-67, \$9,500 (7-8-66).
- NOGUCHI, HIROSHI, Senior Foreign Scientist Fellow (Urbana), eleven months from September 15, 1966, \$16,500 (7-29-66).
- OHIRA, SUZUKO, Cataloger with rank of Instructor, in the Library (Urbana), July 1, 1966-August 31, 1967, \$6,900 a year, supersedes (6-30-66).
- OLSEN, CHARLES E., Instructor in Mathematics (Chicago Circle), academic year 1966-67, \$7,700 (8-5-66).
- OLSEN, RAYMOND E., Assistant Professor of Veterinary Pathology and Hygiene (Urbana), one year from September 1, 1966, \$14,000, supersedes (8-5-66).
- ORZECH, MORRIS, Instructor in Mathematics (Urbana), academic year 1966-67, \$8,000 (6-30-66).
- OSGOOD, CHARLES E., Research Professor of Psychology and in the Institute of Communications Research (Urbana), indefinite tenure from September 1, 1966, and Member of the Center for Advanced Study (until September 1, 1971), \$24,000 a year (7-20-66).
- OSOFSKY, GILBERT, Associate Professor of History (Chicago Circle), indefinite tenure from September 1, 1966, and Associate Member of the Center for Advanced Study, Graduate College, academic year 1966-67, \$11,000 (7-20-66).
- OVERMAN, ALLEN R., Research Associate in Agronomy (Urbana), one year from September 1, 1966, \$9,000 (8-17-66).
- OZEROL, NAIL H., Research Associate in Zoology (Urbana), one year from September 1, 1966, \$7,500 (8-10-66).
- PAINTER, FRED A., Leader of Rural Civil Defense, Cooperative Extension Service in Agriculture and Home Economics (Urbana), one year from September 1, 1966, \$13,350 (8-17-66).
- PARKER, ROBERT N., Associate Chief Accountant (Urbana), one year from September 1, 1966, \$16,000 (8-11-66).

- PAUL, IAIN C., Assistant Professor of Physical Chemistry (Urbana), academic year 1966-67, \$10,600, supersedes (7-22-66).
- PAUL, JAMES W., Instructor in Operative Dentistry, College of Dentistry, $\frac{3}{4}$ time, one year from September 1, 1966, \$3,000, supersedes (7-21-66).
- PAUL, SHERMAN, Professor of English (Urbana), indefinite tenure from September 1, 1966, and Member of the Center for Advanced Study (until September 1, 1971), \$24,000 a year (7-20-66).
- PERRINE, GEORGE E., Instructor in Electrical Engineering (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$2,800 (8-11-66).
- PERRY, MRS. AIKO KINJO, Instructor in Foods, Department of Home Economics (S) (Urbana), one year from September 1, 1966, \$7,200 (8-17-66).
- PESAVENTO, MRS. WILMA J., Associate Professor of Physical Education for Women (Chicago Circle), indefinite tenure from September 1, 1966, \$10,000, supersedes (8-13-66).
- PESCE, AMADEO J., Visiting Lecturer in Chemistry (Urbana), academic year 1966-67, \$9,500 (7-29-66).
- PETERSON, ROBERT F., Research Assistant Professor of Psychology (Urbana), August 15, 1966-August 31, 1966, \$525.47 (8-23-66).
- PETTINGA, PAUL S., Professor of Music (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,489 (7-5-66).
- PHILLIPS, SONDR A. B., Specialist in Education, Institute for Research on Exceptional Children (Urbana), academic year 1966-67, \$7,200, supersedes (8-23-66).
- PHILLIPS, TOMMY L., Associate Professor of Botany (Urbana), indefinite tenure from September 1, 1966, \$10,650, supersedes (8-5-66).
- PIERCE, FRANK N., Instructor in Advertising (Urbana), academic year 1966-67, \$9,000 (8-9-66).
- PIERCE, JO ANN B., Assistant Extension Editor with rank of Instructor, Cooperative Extension Service in Agriculture and Home Economics (Urbana), one year from September 1, 1966, \$8,200 (7-21-66).
- PILCHER, DONALD W., Instructor in Art (Urbana), academic year 1966-67, \$7,200 (8-24-66).
- PILLAI, JANARDANAN, Research Associate in Plant Pathology (S) (Urbana), one year from September 1, 1966, \$6,600 (7-21-66).
- POTTER, SHARON L., Bibliographer with rank of Instructor, in the Library (Urbana), one year from September 1, 1966, \$6,600 (6-29-66).
- POWERS, RICHARD J., Instructor in Medicine, College of Medicine, 45 per cent time, July 1, 1966-August 31, 1967, \$3,300 (7-5-66).
- PREPARATA, FRANCO P., Assistant Professor of Electrical Engineering (C) (Urbana), 41 per cent time, \$4,700, and Research Assistant Professor in the Co-ordinated Science Laboratory (C) (Urbana), 59 per cent time, \$6,800, one year from September 1, 1966; total salary \$11,500, supersedes (8-2-66).
- PRICE, SUSAN L., Instructor in Medical Social Work and in Psychiatry, College of Medicine, one year from September 1, 1966, \$7,750, supersedes (7-5-66).
- PROTOPOPOFF, GEORGE, Instructor in Russian (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,000 (6-23-66).
- QUICK, CHARLES W., Visiting Lecturer in Law (Urbana), Summer Session of 1966, July 21-August 27, 1966, \$2,700 (8-1-66).
- RABINOWITCH, EUGENE I., Research Professor of Botany and of Biophysics (Urbana), indefinite tenure from September 1, 1966, and Member of the Center for Advanced Study, Graduate College (until September 1, 1969), \$22,000 a year (7-20-66).
- RAMSEY, GEORGE H., Assistant Professor of Architecture (Urbana), academic year 1966-67, \$9,300 (7-19-66).
- RANGACHARI, P. N., Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$9,000 (8-5-66).
- RANGA RAO, R., Visiting Associate Professor of Mathematics (Urbana), academic year 1966-67, \$11,375 (6-29-66).
- RANK, JERRY R., Instructor in Spanish (Chicago Circle), academic year 1966-67, \$8,500 (7-21-66).
- REDDY, KANNA R., Research Associate in Physics (Urbana), one year from September 1, 1966, \$8,700 (7-8-66).

- REED, GERALD, Instructor in Oral Anatomy, College of Dentistry, $\frac{1}{2}$ time, one year from September 1, 1966, \$4,000, supersedes (7-21-66).
- REHAK, JAMES R., Instructor in Operative Dentistry, College of Dentistry, $\frac{2}{3}$ time, one year from September 1, 1966, \$3,320 (7-21-66).
- REYAK, ROBERT S., Instructor in the Division of General Studies (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,500 (7-11-66).
- RIBISL, PAUL M., Assistant Professor of Physical Education for Men, College of Physical Education (Urbana), academic year 1966-67, \$7,500 (6-30-66).
- RICAN, PAVEL, Visiting Research Associate in Psychology (Urbana), one year from September 1, 1966, \$7,700 (7-22-66).
- RICE, JAMES L., Instructor in Russian (Chicago Circle), academic year 1966-67, \$7,800 (7-29-66).
- RICHARDSON, JOHN F., Professor of Art (Chicago Circle), $\frac{1}{3}$ time, Summer Quarter 1966, June 16-September 15, 1966, \$1,278 (7-20-66).
- RIDLEN, JAMES H., Assistant Professor of Operative Dentistry, College of Dentistry, $\frac{3}{10}$ time, one year from September 1, 1966, \$2,820 (7-21-66).
- RIGGINS, ANN C., Editor of Engineering Publications (C) (Urbana), one year from September 1, 1966, \$6,100 (8-11-66).
- RINNE, ROBERT W., Assistant Professor of Plant Physiology, Department of Agronomy (S) (Urbana), one year from September 1, 1966, without salary (8-1-66).
- RIOS, JESUS DAVID, Instructor in Spanish (Chicago Circle), academic year 1966-67, \$6,500 (8-10-66).
- ROBERTS, MRS. RENA B. K., Adviser in Home Economics for service in the Njala University College, Njala via Mano, Sierra Leone, for service under Contract USAID/Afr-293, from September 1, 1966, through September 13, 1968, \$13,300 a year, supersedes (7-18-66).
- ROBERTS, STUART S., Associate Professor of Surgery, indefinite tenure from September 1, 1966, \$22,200, and Acting Head of the Department of Surgery, College of Medicine, one year from September 1, 1966, \$2,400, supersedes (8-13-66). (The appointment as Acting Head is for one year from September 1, 1966, or until a permanent Head of the Department is appointed; additional salary of \$200 a month payable during the period of service as Acting Head.)
- ROBERTSON, CARITA, Visiting Associate Professor of Physical Education for Women (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$5,100 (8-5-66).
- ROBINSON, LEHYMANN F., Assistant University Dean of Admissions and Records (Urbana), one year from September 1, 1966, \$10,500, supersedes (7-21-66).
- ROBINSON, MRS. MARY V., Instructor in Medical Social Work, College of Medicine, one year from September 1, 1966, \$7,600 (7-5-66).
- RODOLFO, KELVIN S., Instructor in Geology (Chicago Circle), academic year 1966-67, \$9,200 (7-8-66).
- ROE, WALTER B., Instructor in Geology (Chicago Circle), $\frac{4}{5}$ time, Fall Quarter 1966, \$1,817 (8-10-66).
- ROGGENKAMP, KLAUS W., Instructor in Mathematics (Urbana), nine months from September 16, 1966, \$7,000 (6-29-66).
- ROHN, ARTHUR H., JR., Assistant Professor of Anthropology (Urbana), academic year 1966-67, \$9,500, supersedes (6-13-66).
- ROTH, LELAND M., Instructor in Architecture (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,600 (8-4-66).
- ROUFFA, ALBERT S., Professor of Biological Sciences (Chicago Circle), Summer Quarter, 1966, June 16-September 15, 1966, \$4,500 (7-29-66).
- ROWAN, DENNIS M., Instructor in Art (Urbana), academic year 1966-67, \$7,500 (7-19-66).
- ROWLAND, KENDRITH M., Assistant Professor of Industrial Administration (Urbana), $2\frac{1}{100}$ time, and Assistant Dean of the College of Commerce and Business Administration (Urbana), $7\frac{9}{100}$ time, one year from September 1, 1966, \$13,080, supersedes (8-24-66).
- RUSSELL, JAMES, Assistant Professor of English (Chicago Circle), academic year 1966-67, \$9,300, supersedes (8-5-66).
- RUSSELL, JOHN T., Instructor in Advertising (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,650 (8-9-66).

- RUTLEDGE, MRS. PATRICIA P., Cataloger with rank of Instructor, in the Library (Urbana), one year from September 1, 1966, \$6,600 (7-9-66).
- SABEY, BURNS R., Associate Professor of Soil Microbiology, Department of Agronomy (C and S) (Urbana), indefinite tenure from September 1, 1966, \$14,300, supersedes (8-17-66).
- SALYERS, DAVID B., Assistant Editor of Engineering Publications, College of Engineering (Urbana), $\frac{1}{2}$ time, two months from July 1, 1966, \$550 (8-15-66).
- SANDERS, CHARLES, Assistant Professor of English (Urbana), academic year 1966-67, \$9,000 supersedes (8-5-66).
- SANDY, LESLIE W., Director of Admissions and Records (Chicago Circle), one year from September 1, 1966, \$16,000 (8-4-66).
- SATTSANGI, PREM DAS, Research Associate in Food Science (S) (Urbana), one year from September 1, 1966, \$6,700 (8-23-66).
- SAXENA, K. M. S., Research Associate in Plant Pathology (S) (Urbana), two months from July 1, 1966, \$550 a month (3-25-66).
- SCHARF, GUY T., Research Programmer in Physics (C) (Urbana), one year from September 1, 1966, \$8,200 (7-20-66).
- SCHATTSCHEIDER, MRS. DORIS J., Assistant Professor of Mathematics (Chicago Circle), academic year 1966-67, \$9,200, supersedes (8-5-66).
- SCHERER, CLIFFORD W., Assistant Extension Editor with rank of Instructor, Co-operative Extension Service in Agriculture and Home Economics (Urbana), one year from September 1, 1966, \$6,600 (7-21-66).
- SCHIFFMAN, ROBERT L., Professor of Theoretical Soil Mechanics, Department of Materials Engineering (Chicago Circle), two months from July 1, 1966, \$3,777.78 (7-20-66).
- SCHILLER, MRS. ANITA R., Research Associate in the Library Research Center, Graduate School of Library Science (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$4,400 (7-26-66).
- SCHMIDT, JOHN E., Instructor in Veterinary Anatomy and Histology, College of Veterinary Medicine (Urbana), academic year 1966-67, \$7,550 (7-28-66).
- SCHMIDT, WILLIAM H., Assistant Specialist in Education, Department of Secondary and Continuing Education (Urbana), two months from June 16, 1966, \$600 a month (7-26-66).
- SCHMITZ, CAROLYN, Instructor in Nursing, College of Nursing, academic year 1966-67, \$7,300 (8-2-66).
- SCHNEIDERMEYER, MELVIN J., Instructor in Urban Planning (Urbana), Semester I 1966-67, \$3,500 (7-5-66).
- SCOTT, CAROLYN P., Instructor in Clinical Speech, Department of Otolaryngology, College of Medicine, one year from September 1, 1966, \$9,000 (7-21-66).
- SCOTT, KEITH G., Research Assistant Professor of Psychology, in the Children's Research Center, one year from September 1, 1966, \$11,700, and Research Assistant Professor of Psychology, in the Institute for Research on Exceptional Children and in the Department of Psychology (Urbana), one year from September 1, 1966, without salary (7-22-66).
- SEGRE, MRS. MARIANGELA, Research Associate in Veterinary Pathology and Hygiene, College of Veterinary Medicine (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$4,200 (8-9-66).
- SEIFERT, JAN E., Assistant Undergraduate Librarian with rank of Instructor, in the Library (Urbana), one year from September 1, 1966, \$7,500 (6-27-66).
- SEITON, ELSA L. C., Research Associate in Orthodontics, College of Dentistry, one year from September 1, 1966, \$6,600 (7-18-66).
- SGOUTAS, DEMETRIUS, Assistant Professor of Food Science (S) (Urbana), July 1, 1966-August 31, 1967, \$9,400 a year (7-19-66).
- SHADMAN, DARIUSH, Instructor in Theoretical and Applied Mechanics (C) (Urbana), academic year 1966-67, \$5,800, supersedes (7-22-66).
- SHANMUGAM, PERIAPPA G., Research Associate in Chemistry, College of Pharmacy, one year from September 1, 1966, \$6,600 (8-23-66).
- SHAPIRO, SAMUEL E., Professor of Systems Engineering (Chicago Circle), $\frac{1}{2}$ time, Summer Quarter 1966, \$1,983.50, supersedes (7-20-66).
- SHAVELL, HAROLD M., Instructor in Prosthodontics, College of Dentistry, $\frac{1}{2}$ time, one year from September 1, 1966, \$4,000 (7-12-66).

- SHEKELLE, RICHARD B., Assistant Professor of Preventive Medicine and Community Health, College of Medicine, one year from September 1, 1966, \$12,550, supersedes (7-5-66).
- SHEPARD, HARRY R., Associate Professor of Endodontics, College of Dentistry, $\frac{1}{2}$ time, indefinite tenure from September 1, 1966, \$6,450, supersedes (7-21-66).
- SHUKLA, ONKAR P., Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$7,000 (7-22-66).
- SIBINOVIC, MRS. KYLE H., Instructor in Veterinary Pathology and Hygiene, College of Veterinary Medicine (Urbana), June 1, 1966-August 31, 1967, \$9,000 a year, supersedes (7-14-66).
- SIML, ARTHUR M., Instructor in Operative Dentistry, College of Dentistry, $\frac{1}{2}$ time, one year from September 1, 1966, \$3,650, supersedes (7-21-66).
- SKOLNIK, ROGER A., Instructor in Speech (Chicago Circle), academic year 1966-67, \$8,200 (8-10-66).
- SLATER, MRS. ISABEL M., Assistant Sales Manager, University Press (Urbana), one year from September 1, 1966, \$7,800, supersedes her nonacademic appointment (7-26-66).
- SLOAN, THOMAS O., Associate Professor of Speech, $\frac{2}{3}$ time, and Assistant Dean of the College of Liberal Arts and Sciences, $\frac{1}{3}$ time (Urbana), Semester I 1966-67, \$5,850, supersedes for Semester I only (7-29-66).
- SMALLEY, DONALD, Professor of English (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$3,468, supersedes (7-5-66).
- SMITH, NORMAN D., Instructor in Geology (Chicago Circle), academic year 1966-67, \$8,000 (8-11-66).
- SMITHWICK, EDWARD, JR., Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$7,000 (5-27-66).
- SOARES, MRS. LOUISE M., Visiting Lecturer in Educational Psychology (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,100 (7-5-66).
- SOWERS, LUCIA F. B., Instructor in Medical Social Work in Psychiatry, College of Medicine, one year from September 1, 1966, \$7,850, supersedes (7-5-66).
- SPEERS, MRS. VIRGINIA G., Research Associate in Economics (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$4,000 (7-11-66).
- STANCL, DONALD L., Instructor in Mathematics (Urbana), $\frac{2}{3}$ time, June 16-September 6, 1966, \$2,000, and $\frac{1}{3}$ time, June 16-August 15, 1966, \$667 (6-29-66).
- STAR, ALVIN D., Lecturer in Marketing (Chicago Circle), nine months from September 16, 1966, \$12,000 (7-21-66).
- STASTNY, GORDON L., Associate Professor of Endodontics, College of Dentistry, $\frac{3}{4}$ time, indefinite tenure from September 1, 1966, \$8,000, supersedes (7-21-66).
- STAUBER, EUGENE C., Instructor in Physical Education for Men, College of Physical Education (Urbana), academic year 1966-67, without salary (6-30-66).
- STEINBERG, ALLAN L., Sales Manager, University Press (Urbana), one year from September 1, 1966, \$11,750, supersedes (8-4-66).
- STEINBERG, ARNOLD, Research Associate in Biological Chemistry, College of Medicine, $\frac{1}{2}$ time, one year from September 1, 1966, \$2,000 (8-5-66).
- STEINBRINK, JOHN E., Instructor in Geography (Chicago Circle), academic year 1966-67, \$5,500 (8-10-66).
- STESLICHE, WILLIAM E., Assistant Professor of Political Science (Urbana), academic year 1966-67, \$11,400, supersedes (6-23-66).
- STICKLES, EDWARD A., Instructor in Physical Education for Men, College of Physical Education (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$4,500 (also 25 per cent in the Athletic Association) (7-28-66).
- STINAFF, RUSSELL D., Instructor in Electrical Engineering (C) (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$2,800 (8-11-66).
- STONE, MRS. JANIS K., Instructor in Home Economics (C and S) (Urbana), one year from September 1, 1966, \$7,500 (8-5-66).
- STONE, PETER, Instructor in Sociology (Chicago Circle), Winter Quarter 1966, \$6,000 a year, supersedes (5-18-66).
- STOODLEY, ROLAND V., Instructor in Vocational and Technical Education, College of Education (Urbana), academic year 1966-67, \$9,000 (8-5-66).
- STOUT, GLENN E., Research Associate in the State Water Survey and in the Graduate College (Urbana), three months from August 1, 1966, \$1,667.67 a month (7-26-66).

- STREETMAN, BEN G., Assistant Professor of Electrical Engineering (C) (Urbana), one year from September 1, 1966, \$11,500, supersedes (8-8-66).
- STUBENRAUCH, KATHERINE L., Engineering Library Assistant with rank of Instructor, in the Library (Urbana), one year from September 1, 1966, \$6,700 (8-5-66).
- SUBBARAO, KARUMURI V., Instructor in Linguistics (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$3,600 (8-23-66).
- SWOFFORD, GERALD E., Spectroscopist in Chemistry (Urbana), one year from September 1, 1966, \$6,900 (8-1-66).
- TAIT, WILLIAM, Associate Professor of Philosophy (Chicago Circle), indefinite tenure from September 1, 1966, academic year service basis, and Associate Member of the Center for Advanced Study (Urbana), academic year 1966-67, \$13,350, supersedes (7-20-66).
- TAMURA, CHIHIRO, Research Associate in Chemistry (Urbana), four months from September 1, 1966, \$625 a month (7-8-66).
- TATSUOKA, MAURICE, Professor of Educational Psychology, College of Education, $\frac{1}{2}$ time, \$5,950, and Professor of Psychology, College of Liberal Arts and Sciences, $\frac{1}{2}$ time, \$5,950 (Urbana), indefinite tenure from September 1, 1966; total salary \$11,900, supersedes (8-5-66).
- TAUBENECK, G. GREGORY, Instructor in Music (Urbana), one year from September 1, 1966, \$6,600 (8-24-66).
- TAYLOR, ROGER H., Research Engineer in Physics (C) (Urbana), July 1, 1966-August 1, 1967, \$10,440 a year; and for one year from September 1, 1966, \$10,400 (7-21-66).
- TAYLOR, SUSAN, Instructor in English (Urbana), academic year beginning September 1, 1966, \$5,500 (6-27-66).
- TERDIMAN, JOSEPH F., Lecturer in Bioengineering, Department of Information Engineering (Chicago Circle), six months from March 1, 1966, without salary (3-17-66).
- THIES, JOYCE E., Instructor in Nursing, College of Nursing, academic year 1966-67, \$6,500 (8-2-66).
- THOMPSON, NORMAN, Visiting Professor of Theoretical and Applied Mechanics (C) (Urbana), one month from August 1, 1966, \$1,250 (8-17-66).
- THOMPSON, WILLIAM N., Professor of Farm Management, Department of Agricultural Economics, in the Campus Office of Agency for International Development Projects, for service under Contract AID/csd-840, for five months from April 1, 1966, without salary; this is in addition to his appointment as Professor of Farm Management, Department of Agricultural Economics (Urbana), with salary (7-5-66).
- TODD, CHARLES W., Visiting Lecturer in Chemistry (Urbana), Semester I 1966-67, \$16,500 a year (8-17-66).
- TOMLINSON, ROBERT M., Assistant Professor of Vocational and Technical Education (Urbana), Summer Session of 1966, July 18-August 13, 1966, \$1,195, supersedes (7-8-66).
- TOMPKINS, C. DAVID, Instructor in History (Chicago Circle), academic year 1966-67, \$9,000 (8-10-66).
- TONG, YU-LAN, Research Associate in Chemistry (Urbana), September 1-September 15, 1966, \$562.50 a month (8-5-66).
- TOUSEY, MRS. MARLENE L., Assistant Dean of Women (Urbana), ten months from September 1, 1966, \$6,000 (6-30-66).
- TUCKER, LEDYARD R., Professor of Psychology (Urbana), Semester I 1966-67, \$10,200 (on leave of absence during Semester I, with pay); Associate Member of the Center for Advanced Study, Graduate College, Semester II 1966-67, \$10,200; Professor of Educational Psychology (Urbana), indefinite tenure from September 1, 1966, academic year service basis, total salary \$20,400 a year; and Professor of Psychology (Urbana), indefinite tenure from September 1, 1967, academic year service basis, supersedes (7-20-66).
- TYLER, PRISCILLA, Associate Professor of English (Urbana), indefinite tenure from September 1, 1966, and Chairman of Freshman Rhetoric, \$12,600, supersedes (8-5-66).
- TYLER, THOMAS A., Instructor in Psychology (Chicago Circle), academic year 1966-67, \$8,000, supersedes (8-2-66).

- UNDERHILL, DONALD K., Instructor in School of Life Sciences (Urbana), academic year 1966-67, \$6,000 (7-22-66).
- UNTI, EUGENE, Assistant Professor of Prosthodontics, College of Dentistry, $\frac{1}{2}$ time, one year from September 1, 1966, \$6,000, supersedes (8-11-66).
- UNZICKER, JOHN D., Research Associate in the State Natural History Survey and in the Graduate College (Urbana), two months from September 1, 1966, \$1,200 (8-19-66).
- VACHHA, SILLOO M., Research Associate in Food Science (S) (Urbana), one year from September 1, 1966, \$6,700 (8-23-66).
- VALENTEKOVIC, NIKOLETIC M., Research Associate in the Radiocarbon Laboratory, Graduate College (Urbana), one year from September 1, 1966, \$7,200 (7-19-66).
- VAN DEN BERGH, P. A. C., Instructor in Germanic Languages and Literatures (Urbana), $\frac{1}{2}$ time, Summer Session of 1966, June 20-August 13, 1966, \$823 (7-14-66).
- VANDERKOOI, RONALD C., Instructor in Sociology (Chicago Circle), academic year 1966-67, \$9,200 (7-21-66).
- VAN LITH, PAUL, Research Assistant Professor of Medicine, College of Medicine, $\frac{1}{2}$ time, March 28, 1966-August 31, 1967, \$6,250 a year, supersedes (3-30-66).
- VON FOERSTER, HEINZ M., Professor of Electrical Engineering, College of Engineering (Urbana), \$21,000, and Professor of Biophysics, College of Liberal Arts and Sciences, without salary, indefinite tenure from September 1, 1966, academic year service basis, supersedes (8-11-66).
- WAKIYAMA, Kozo, Visiting Research Associate in Civil Engineering (S) (Urbana), academic year 1966-67, \$7,200 (7-21-66).
- WARREN, ERVIN H., Director, Police Training Institute, Division of University Extension (Urbana), September 1-September 15, 1966, \$595.50 (7-19-66).
- WARSHAW, STEPHEN I., Research Associate in Physics (C) (Urbana), one year from September 1, 1966, \$8,700 (5-26-66).
- WAX, LOYD M., Assistant Professor of Plant Physiology, Department of Agronomy (S) (Urbana), one year from September 1, 1966, without salary (8-1-66).
- WEBER, EVELYN J., Assistant Professor of Plant Biochemistry, Department of Agronomy (S) (Urbana), one year from September 1, 1966, without salary (8-1-66).
- WEHRING, BERNARD W., Assistant Professor of Nuclear Engineering (C) (Urbana), academic year 1966-67, \$9,000 (7-26-66).
- WEISSHAUS, THOMAS, Chief, Rhetoric Section, Programmed Instruction, with rank of Instructor in English (Chicago Circle), one year from September 1, 1966, \$10,000 (8-2-66).
- WELLS, PAUL J., Professor of Economics, National Institute for Development Administration, Bangkok, Thailand, one year from August 12, 1966, \$19,400, supersedes (7-29-66). (Professor of Economics, College of Commerce and Business Administration (Urbana), indefinite tenure from September 1, 1967.)
- WENDKER, HEINRICH J., Research Associate in Astronomy (Urbana), one year from September 1, 1966, \$9,100 (7-22-66).
- WEST, HARRY H., Instructor in Civil Engineering (C) (Urbana), $\frac{2}{3}$ time, nine months from September 16, 1966, \$6,000 (8-2-66).
- WHITEHORN, WILLIAM V., Professor of Physiology (Medical Center), $\frac{2}{5}$ time, \$8,100, indefinite tenure from September 1, 1966, and Coordinator, Agency for International Development Thailand Project, $\frac{3}{5}$ time, \$12,150, one year from September 1, 1966, total salary \$20,250, supersedes (8-11-66). (Additional salary of \$900 per year payable during period of service as Coordinator of the AID Project; if terminated, salary as Professor of Physiology (Medical Center), indefinite tenure will be \$19,350.)
- WILKIE, BRIAN F., Associate Professor of English (Urbana), Summer Session of 1966, June 20-August 13, 1966, \$2,445, supersedes (7-5-66).
- WILLE, LIDA J., Consultant with rank of Professor in the Jane Addams Graduate School of Social Work (Chicago Circle), academic year 1966-67, \$12,000, supersedes (8-4-66).
- WILLIAMS, HIRAM, Visiting Lecturer in Educational Psychology (Urbana), two months from June 16, 1966, \$475 a month (7-26-66).
- WILLIAMS, RAYMOND E., Associate Dean of the Graduate College (Urbana), one year from September 1, 1966, \$15,000; and Associate Professor of Secondary

- and Continuing Education, College of Education (Urbana), indefinite tenure from September 1, 1966, without salary, supersedes (7-28-66).
- WILLIAMS, RUBY A., Education and Social Science Library Assistant with rank of Instructor, in the Library (Urbana), one year from September 1, 1966, \$6,700 (7-5-66).
- WILLIS, NATHANIEL P., JR., Visiting Lecturer in Educational Psychology, College of Education (Urbana), two months from June 16, 1966, \$475 a month (7-21-66).
- WILLIS, WARREN K., Supervisor of Testing with rank of Instructor, Student Counseling Service (Urbana), one year from September 1, 1966, \$10,500, supersedes (8-3-66).
- WILLS, HERBERT, Research Associate in the Curriculum Laboratory, College of Education, and in Mathematics, College of Liberal Arts and Sciences (Urbana), one year from September 1, 1965, \$12,650, supersedes (6-29-66). It is understood that he will teach in the Academic Year Institute for the ten-week period from June 13 and ending August 21, 1966.
- WILSON, CURTIS M., Associate Professor of Plant Physiology, Department of Agronomy (S) (Urbana), one year from September 1, 1966, without salary (8-1-66).
- WILSON, DAVID J., Instructor in German (Urbana), academic year 1966-67, \$5,600 (8-9-66).
- WISEMAN, DOUGLAS E., Research Assistant Professor in the Children's Research Center, Graduate College (Urbana), $\frac{4}{5}$ time, \$9,360; Research Assistant Professor of Special Education, College of Education (Urbana), $\frac{1}{5}$ time, \$2,340; and Research Assistant Professor in the Institute for Research on Exceptional Children (Urbana), without salary, one year from September 1, 1966, total salary \$11,700, supersedes (7-29-66).
- WOOD, JOHN M., Assistant Professor of Biochemistry (Urbana), academic year 1966-67, \$10,000 (8-5-66).
- WOODFORD, SUSAN E., Cataloger with rank of Instructor, in the Library of Medical Sciences (Medical Center), September 6, 1966-August 31, 1967, \$6,600 a year (8-1-66).
- WOODHEAD, RONALD W., Visiting Lecturer in Civil Engineering (C) (Urbana), Semester I 1966-67, \$5,000 (7-26-66).
- WOZNAK, LOUIS, Instructor in General Engineering (C) (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$4,300 (8-2-66).
- WRIGHT, ROBERT C., Assistant Professor of Physical Education for Men (Urbana), $\frac{13}{100}$ time, academic year 1966-67, \$1,400 (8-23-66).
- WU, SHU-YAU, Research Associate in Electrical Engineering (C) (Urbana), June 16-August 31, 1966, \$9,600 a year, supersedes (7-20-66).
- YAMASHITA, EIICHI, Research Associate in Electrical Engineering (C) (Urbana), two months from July 1, 1966, \$791.67 a month; and one year from September 1, 1966, \$9,500 (7-18-66).
- YANG, ESTHER MING-SEE, Microanalyst in Chemistry (Urbana), one year from September 1, 1966, \$5,650 (8-8-66).
- YANZY, MRS. PATRICIA A., Extension Visuals Specialist (E) (Urbana), July 1, 1966-August 31, 1967, \$5,800 a year (7-26-66).
- YOUNG, PAUL E., JR., Assistant Professor of Architecture (Urbana), academic year 1966-67, \$10,500 (7-5-66).
- ZARING, WILSON M., Associate Professor of Mathematics, indefinite tenure from September 1, 1966, academic year service basis, \$12,000 a year, and Director of the Academic Year Institute (Urbana), academic year 1966-67, \$1,000, total salary \$13,000, supersedes (7-7-66).
- ZEINEH, RASHID A., Research Associate in Surgery, College of Medicine, July 18, 1966-August 31, 1967, \$12,000 a year (8-5-66).
- ZELENIK, JOHN S., Professor of Obstetrics and Gynecology on the Faculty of Medicine, Chiangmai Hospital, Chiangmai, Thailand, for service under Contract AID/fe-2, June 13-June 17, 1966, and August 29, 1966-August 28, 1968, \$24,750 a year; he will not be on appointment during June 18, 1966, through August 28, 1966 (7-13-66).
- ZIELINSKI, WANDA L., Instructor in German (Chicago Circle), academic year 1966-67, \$7,000 (7-21-66).

ZOERNER, CYRIL E., JR., Assistant Professor of Business Administration, Graduate School of Business Administration (Urbana), academic year 1966-67, \$10,100, supersedes (8-5-66).

**RESIGNATIONS, DECLINATIONS, CANCELLATIONS,
AND TERMINATIONS**

- ALBERTSON, DANIEL F., Senior Pharmacist in Pharmacy, College of Pharmacy — resignation effective September 1, 1966.
- ALLISON, BEN, Instructor in Radiology, College of Dentistry — termination effective August 31, 1966.
- ARORA, OM P., Research Associate in Metallurgy, Department of Mining, Metallurgy, and Petroleum Engineering (Urbana) — resignation effective July 30, 1966.
- AUSUBEL, DAVID P., Professor of Psychology in the Bureau of Educational Research and in the Department of Educational Psychology (Urbana) — resignation effective August 31, 1966.
- BACHMAN, JAMES, Instructor in History (Chicago Circle) — cancellation effective September 1, 1966.
- BACHRACH, JOSEPH, Associate Professor of Chemistry (Chicago Circle) — cancellation effective September 1, 1966.
- BANERJI, SHANKA K., Assistant Professor of Sanitary Engineering, Department of Civil Engineering (Urbana) — declination effective September 1, 1966.
- BARISH, WILLIAM B., Lecturer in Chemistry (Chicago Circle) — cancellation effective September 1, 1966.
- BARKER, CLARK R., Instructor in Theoretical and Applied Mechanics (Urbana) — resignation effective September 1, 1966.
- BARTLOW, ROBERT M., Visiting Lecturer in History (Chicago Circle) — cancellation effective September 16, 1966.
- BAUGHMAN, M. DALE, Associate Professor of Educational Administration and Supervision and in Educational Placement (Urbana) — resignation effective September 1, 1966.
- BENSADOUN, ANDRE, Assistant Professor of Animal Science (Urbana) — resignation effective September 1, 1966.
- BILLINGS, ALAN G., Instructor in Speech (Urbana) — declination effective September 1, 1966.
- BOWERS, JOHN E., University Director of Testing, Office of Admissions and Records (Urbana) — declination effective September 1, 1966.
- BRISON, DAVID W., Assistant Professor of Educational Psychology (Urbana) — resignation effective September 1, 1966.
- BURCKHARDT, CHRISTOF, Visiting Research Assistant Professor of Electrical Engineering (Urbana) — declination effective September 1, 1966.
- CAMPBELL, ROBERT A., Associate Professor of Vocational and Technical Education (Urbana), Summer Session of 1966 — resignation effective June 20, 1966.
- CARMAN, JOSEPH N., Physics Librarian with rank of Instructor, in the Library (Urbana) — resignation effective September 1, 1966.
- CLAYPOOLE, DONNA J., Instructor in Physical Education for Women (Chicago Circle) — declination effective September 1, 1966.
- COWAN, MARY K., Instructor in Occupational Therapy, College of Medicine — resignation effective September 1, 1966.
- COX, HERBERT W., Assistant Professor of Veterinary Pathology and Hygiene, College of Veterinary Medicine, and of Veterinary Research, Agricultural Experiment Station (Urbana) — resignation effective August 10, 1966.
- CRILEY, BRUCE B., Instructor in Zoology (Urbana) — declination effective September 1, 1966.
- DEMAR, ROBERT E., Assistant Professor of Geology (Chicago Circle), Summer Quarter of 1966 — declination effective June 16, 1966.
- DERRICK, LUCILE, Professor of Economics (Chicago Circle), Summer Quarter of 1966 — resignation effective June 16, 1966.
- DUGAN, ELLEN R., Instructor in German (Chicago Circle) — cancellation effective September 1, 1966.
- EHRET, THOMAS K., Instructor in English (Urbana) — resignation effective September 1, 1966.

- EISENBART, NANCY, Registered Pharmacist in charge of Hospital Pharmacy, College of Pharmacy — resignation effective September 1, 1966.
- ENGLISH, F. CARROLL, Instructor in Spanish (Chicago Circle) — cancellation effective September 1, 1966.
- EVANS, WILLIAM H., Associate Professor of English Education, Department of Secondary and Continuing Education (Urbana) — resignation effective September 1, 1966.
- FARRIS, ROBERT E., Research Associate in Ceramic Engineering (Urbana) — resignation effective July 16, 1966.
- FLENNER, JACQUELINE W., Research Programmer in Computer Science (Urbana) — cancellation effective September 1, 1966.
- FLYNN, MICHAEL J., Associate Professor of Systems Engineering (Chicago Circle) — resignation effective September 1, 1966.
- FRANDSEN, JOHN C., Assistant Professor of Veterinary Pathology and Hygiene (Urbana) — resignation effective September 1, 1966.
- FREEDMAN, MORRIS D., Research Associate in Electrical Engineering (Urbana) — resignation effective September 1, 1966.
- FREEMAN, HARDY, Instructor in Sociology (Chicago Circle) — cancellation effective September 1, 1966.
- GARA, AGNES, Research Associate in Chemistry (Urbana) — resignation effective August 26, 1966.
- GOLIN, STUART, Assistant Professor of Metallurgical Engineering, Department of Mining, Metallurgy, and Petroleum Engineering (Urbana) — resignation effective September 1, 1966.
- GOODMAN, EMILY L., Instructor in History (Chicago Circle) — cancellation effective September 1, 1966.
- GOODMAN, NICOLAS D., Instructor in Mathematics (Chicago Circle) — cancellation effective September 1, 1966.
- GRACIAS, CECILIO E., Assistant Professor of Chemistry, College of Pharmacy, Summer Session of 1966 — declination effective June 20, 1966.
- GRIFFIN, ROBERT S., Assistant Professor of Medicine, College of Medicine — resignation effective August 1, 1966.
- GRIMES, D. MICHAEL, Research Engineer in Civil Engineering (Urbana) — resignation effective August 8, 1966.
- GUHA-THAKURTA, GARGI, Instructor in Linguistics (Urbana) — declination effective September 1, 1966.
- HAMILTON, HERBERT, Research Assistant Professor in the Institute for Research on Exceptional Children (Urbana) — resignation effective September 1, 1966.
- HANRAHAN, DONNA C., Instructor in Medical Social Work, College of Medicine — declination effective September 1, 1966.
- HARKNESS, BRUCE, Associate Dean of the College of Liberal Arts and Sciences and Professor of English (Urbana) — resignation effective September 1, 1966.
- HASMAN, KAREN S., Assistant Editor in the Office of Public Information (Urbana) — declination effective September 1, 1966.
- HASTINGS, J. WOODLAND, Professor of Biochemistry, Department of Chemistry and Chemical Engineering (Urbana) — resignation effective September 1, 1966.
- HENCLEY, STEPHEN P., Professor of Educational Administration and Supervision (Urbana) — resignation effective September 1, 1966.
- HENNES, JAMES D., Research Associate in the Statistical Service Unit (Urbana) — declination effective September 1, 1966.
- INOUE, YUKIO, Research Associate in Plant Pathology (Urbana) — resignation effective July 1, 1966.
- INSELBERG, ALFRED, Research Assistant Professor of Electrical Engineering (Urbana) — declination effective September 1, 1966.
- JACKSON, HUGH M., Instructor in General Engineering (Urbana) — declination effective September 1, 1966.
- JACKSON, TEDDY R., Assistant Professor of Speech (Chicago Circle) — cancellation effective September 1, 1966.
- JARNAGIN, ROBERT A., Assistant Extension Editor with rank of Assistant Professor in Agriculture (Urbana) — resignation effective August 1, 1966.
- JOPEK, JOSEPH J., Instructor in Rural Recreation in the Cooperative Extension Service (Urbana) — resignation effective September 1, 1966.

- KARJALA, DENNIS S., Research Associate in Electrical Engineering (Urbana) — resignation effective September 1, 1966.
- KAZALLA, GUNTHER G., Assistant Professor of Clinical Dentistry, College of Dentistry — resignation effective September 1, 1966.
- KEELEY, BARBARA P., Instructor in Spanish (Chicago Circle) — cancellation effective September 1, 1966.
- KLASSEN, FRANK H., Associate Professor of History and Comparative Education (Urbana) — resignation effective September 1, 1966.
- KOBAYASHI, MAKOTO, Research Associate in Physiology and Biophysics (Urbana) — resignation effective September 16, 1966.
- KOTT, NANCY, Research Associate in Secondary and Continuing Education (Urbana) — declination effective September 1, 1966.
- KREBS, ALFRED H., Professor of Vocational and Technical Education and Counselor in Teacher Education (Urbana) — resignation effective September 1, 1966.
- KRIMMEL, EBERHARD F., Research Assistant Professor of Physics (Urbana) — resignation effective August 1, 1966.
- LANGDON, JOHN C., Clinical Counselor with rank of Assistant Professor in the Student Counseling Service (Urbana) — resignation effective September 1, 1966.
- LEUNG, SAMUEL S., Lecturer in Geology (Chicago Circle) — cancellation effective September 1, 1966.
- LEWKOWICZ, RAYMOND E., Assistant Professor of Mathematics (Urbana) — resignation effective September 1, 1966.
- MASON, ROBERT M., Assistant Professor of Speech Pathology, Department of Otolaryngology, College of Medicine, and in Dental Administration, College of Dentistry — termination effective September 1, 1966.
- MAYNARD, GUY B., JR., Staff Physician and Assistant Professor of Health Science (Urbana) — resignation effective September 1, 1966.
- MERRILL, MARIAN W., Assistant Reference Librarian with rank of Instructor, in the Library (Chicago Circle) — cancellation effective September 1, 1966.
- MILROY, FRANCES A., Instructor in History (Chicago Circle) — cancellation effective September 1, 1966.
- MOAKE, FRANK, Associate Professor of English and Chairman of Freshman Rhetoric (Urbana), Summer Session of 1966 — cancellation effective June 20, 1966.
- MORIMOTO, TAKETOSHI, Research Associate in Physiology and Biophysics (Urbana) — resignation effective September 1, 1966.
- MUIR, MARIEL M., Instructor in Chemistry (Chicago Circle) — cancellation effective September 1, 1966.
- MUNK, MARTHA C., Assistant Professor of Social Work (Chicago Circle) — cancellation effective September 1, 1966.
- OGDON, WILBUR L., Coordinator of Music Communications (Urbana) — resignation effective September 1, 1966.
- OLSEN, IRVING S., Director of the Language Laboratory and Instructor in Spanish (Chicago Circle) — cancellation effective September 1, 1966.
- O'NEILL, JOHN P., Assistant Professor of Child Development, Department of Home Economics (Urbana) — resignation effective September 1, 1966.
- PARE, EILEEN, Instructor in Chemistry (Chicago Circle) — cancellation effective September 1, 1966.
- PARKS, JOE M., Assistant Professor of Biophysics (Urbana) — declination effective September 1, 1966.
- PEDERSOLI, WALDIR M., Instructor in Veterinary Physiology and Pharmacology (Urbana) — declination effective September 1, 1966.
- PENG, YOUNG MEI, Cataloger with rank of Instructor, in the Library (Urbana) — declination effective September 1, 1966.
- PERDRISAT, CHARLES F., Research Assistant Professor of Physics (Urbana) — declination effective September 1, 1966.
- PETTICREW, JAMES, Instructor in Mathematics (Chicago Circle) — cancellation effective September 1, 1966.
- PFLUGER, CLARENCE E., Assistant Professor of Analytical Chemistry, Department of Chemistry and Chemical Engineering (Urbana) — resignation effective September 1, 1966.

- PLACE, WILLIAM S., Instructor in Sociology and in Anthropology (Chicago Circle) — cancellation effective September 1, 1966.
- PORTER, JAMES W., Research Associate in Secondary and Continuing Education (Urbana) — declination effective September 1, 1966.
- PRATT, JOANNE E., Instructor in Theoretical and Applied Mechanics (Urbana) — resignation effective September 1, 1966.
- RAY, JOHN R., Research Associate in the Coordinated Science Laboratory (Urbana) — cancellation effective September 1, 1966.
- RESH, JAMES A., Research Assistant Professor of Electrical Engineering and in the Coordinated Science Laboratory (Urbana) — resignation effective September 1, 1966.
- RITTER, DIANE S., Instructor in Occupational Therapy, College of Medicine — resignation effective September 1, 1966.
- ROMANO, RICHARD C., Instructor in Systems Engineering and in the Computer Program (Chicago Circle) — cancellation effective September 1, 1966.
- SAARI, ELAINE E., Instructor in Medical Social Work, College of Medicine — declination effective September 1, 1966.
- SACHS, DAVID, Assistant Professor of Mathematics (Urbana) — resignation effective September 1, 1966.
- SCHMIDT, NORBERT O., Assistant Professor of Civil Engineering (Urbana) — declination effective September 1, 1966.
- SCHNEIDER, JOHN M., Assistant Professor of Electrical Engineering (Urbana) — resignation effective September 1, 1966.
- SCHOTTLAND, CAROLYN H., Instructor in Microbiology (Urbana) — resignation effective September 1, 1966.
- SINGH, JASWANT, Research Associate in Plant Pathology (Urbana) — resignation effective July 1, 1966.
- STEINBERG, M. E. I., Visiting Lecturer in Art (Chicago Circle), Summer Quarter of 1966 — declination effective June 16, 1966.
- STERN, JACOB, Assistant Professor of Vocational and Technical Education (Urbana) — resignation effective September 1, 1966.
- SYNEK, ROSEMARIE, Instructor in Biological Sciences (Chicago Circle) — resignation effective September 1, 1966.
- TENG, JON I., Research Associate in Horticulture (Urbana) — resignation effective September 15, 1966.
- THOMAS, GARTH J., Research Professor of Physiology and Professor of Psychology, College of Liberal Arts and Sciences, and Research Professor of Electrical Engineering, College of Engineering (Urbana) — resignation effective September 1, 1966.
- THOMPSON, ROBERT H., Research Associate in Secondary and Continuing Education (Urbana) — resignation effective September 1, 1966.
- TISCHLER, MAYNARD, Assistant Professor of Art (Urbana) — resignation effective September 1, 1966.
- TODA, FUMIO, Research Associate in Chemistry (Urbana) — cancellation effective September 1, 1966.
- TRIER, HOWARD E., Assistant Professor of Psychology in the Division of University Extension and in the Institute of Labor and Industrial Relations (Urbana) — resignation effective September 1, 1966.
- TUCKER, JANE C., Research Associate in the Statistical Service Unit (Urbana) — cancellation effective September 1, 1966.
- TUCKER, THOMAS R., Instructor in German (Chicago Circle) — cancellation effective September 1, 1966.
- UNGER, JAMES L., Instructor in Mathematics (Chicago Circle) — cancellation effective September 1, 1966.
- VAN VALKENBURG, MAC E., Professor of Electrical Engineering and Research Professor in the Coordinated Science Laboratory (Urbana) — resignation effective September 1, 1966.
- WEAVER, LELLAND A., Research Associate in Electrical Engineering (Urbana) — resignation effective July 1, 1966.
- WELSH, ROBERT F., Assistant Professor of English (Urbana) — resignation effective September 1, 1966.

- WILLARD, ROBERT E., Research Engineer in Computer Science in the Graduate College (Urbana) — declination effective September 1, 1966.
- WOODARD, MARGARETHA W., Assistant Professor of Biological Sciences (Chicago Circle) — resignation effective September 1, 1966.
- YANG, CHENG YI, Assistant Professor of Civil Engineering (Urbana) — resignation effective September 1, 1966.
- YANG, PENG CHIH C., Visiting Assistant Professor of Civil Engineering (Urbana) — resignation effective September 1, 1966.
- ZEIN, DIANE M., Assistant Physical Education Librarian with rank of Instructor, in the Library (Urbana) — resignation effective August 14, 1966.

LEAVES OF ABSENCE

- BARLOW, HARRIET K., Assistant Catalog Librarian with rank of Assistant Professor, in the Library (Chicago Circle) — leave of absence, without pay, beginning May 9 and continuing through July 31, 1966, because of illness.
- CAHN, JULIUS, Associate Professor of Physics and of Electrical Engineering, College of Engineering and Engineering Experiment Station (Urbana) — leave of absence without pay, beginning July 15, 1966, and continuing through August 31, 1966, in addition to his sabbatical leave of absence for one year beginning September 1, 1966, on one-half pay.
- CAMP, MARY J., Bibliographer with rank of Instructor, in the Library (Urbana) — leave of absence, without pay, for one year from October 1, 1966, so that she may complete her assignment as Librarian of Pierce College, Athens, Greece.
- DOWLING, HARRY F., Professor of Medicine and Head of the Department, and Chief of Medicine, Research and Educational Hospitals (Medical Center) — sabbatical leave of absence, for six months beginning December 16, 1966, on full pay; and leave of absence, without pay, beginning June 16, 1967, and continuing to December 16, 1967.
- EDELMAN, MURRAY J., Professor of Political Science (Urbana) — leave of absence, without pay, beginning September 1, 1966, so that he may accept a professorship at the University of Wisconsin.
- PHIPPS, WILMA J., Associate Professor of Nursing, College of Nursing (Medical Center), leave of absence, without pay, from October 1, 1966, through August 31, 1967, so that she may accept a United States Public Health Service Research Fellowship for graduate study at the University of Chicago.
- PREPARATA, FRANCO P., Research Associate in the Coordinated Science Laboratory, College of Engineering (Urbana) — leave of absence, without pay, beginning August 18, 1966, and continuing through August 31, 1966, so that he may teach a graduate summer course on Systems Engineering in Mexico.
- PROFF, FRED C., Professor of Educational Psychology, College of Education (Urbana) — leave of absence for one-half time, without pay, for the academic year 1966-67, so that he may establish and operate a Concept Development Laboratory under the auspices of the newly constituted Cooperation Education Research Laboratory, in Winnetka.
- ROGGE, WILLIAM M., Research Assistant Professor of Special Education, in the Department of Special Education and in the Curriculum Laboratory, College of Education (Urbana) — leave of absence, without pay, for one year beginning September 1, 1966, to work with the Regional Laboratory program.
- SHAFFER, PAUL R., Professor of Geology (Urbana) — leave of absence, without pay, for the academic year 1966-67, so that he may accept a professional assignment with the Office of International Science Activities of the National Science Foundation.
- TRASK, ANNE E., Assistant Professor of Education, Bureau of Educational Research (Urbana) — leave of absence, without pay, July 13, 1966, through August 31, 1966.
- ZIOMEK, LEO F., Instructor in Mathematics (Chicago Circle) — leave of absence, without pay, for the academic year 1966-67, so that he may accept the National Science Foundation Faculty Fellowship awarded him.

CANCELLATION OF LEAVE OF ABSENCE

- STOLUROW, LAWRENCE M., Professor of Educational Psychology, Bureau of Educational Research, College of Education, and Professor of Psychology, College

of Liberal Arts and Sciences (Urbana) — leave of absence, without pay, beginning June 20 and continuing through July 2, 1966, cancelled.

RETIREMENT

KABES, MRS. SARAH MADONNA, Associate Professor of Accounting, *Emerita* (Chicago Circle), effective September 1, 1966.

RECESS AND EXECUTIVE SESSION

President Clement announced that an executive session had been requested and was being ordered to consider the following item of business concerning property acquisition.

On motion of Mr. Swain, the Board recessed.

When the Board reconvened in executive session, the same members of the Board, officers of the Board, and officers of the University as recorded at the beginning of these minutes were present.

The Board considered the following item of business presented by the President of the University.

REQUEST TO THE ILLINOIS BUILDING AUTHORITY TO ACQUIRE PROPERTY AT 1301 WEST MAIN STREET, URBANA

(27) The Board of Trustees at its meeting on April 20, 1966, authorized a request to the Illinois Building Authority to acquire by condemnation proceedings the property at 1301 West Main Street, Urbana, Illinois, to be used as part of the site for the Civil Engineering Building, Phase II. Subsequent negotiations with the owners of the property after the filing of the Condemnation Petition, have resulted in their agreement to a price of \$25,800, which is within the appraisals received on the property. Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Illinois Building Authority be requested to acquire title to the property at this time by contract of purchase or Judgment Order in the Condemnation proceedings.

I concur and recommend adoption of the following resolution.

Resolution Requesting Acquisition of Property at 1301 West Main Street, Urbana, Illinois, by Illinois Building Authority

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority, a body corporate and politic of the State of Illinois, duly organized and existing pursuant to "AN ACT to Create the Illinois Building Authority and to define its powers and duties" approved August 15, 1961, as amended, be, and hereby is, requested to acquire for this public corporation in accordance with the Illinois Building Authority Act, the property at 1301 West Main Street, Urbana, Illinois, described as follows:

Lot One (1) in Block Fifty-one (51) in the Seminary Addition to Urbana, situated in the City of Urbana, in the County of Champaign, and State of Illinois, at an acquisition price of Twenty-five Thousand Eight Hundred Dollars (\$25,800.00) and with title to be conveyed to, or vested by Judgment Order in, and possession delivered to, the Illinois Building Authority not later than January 1, 1967.

Be It, and It Hereby Is Further Resolved that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized and directed, to execute in the name of, and on behalf of, this public corporation such lease agreement or other document or documents, and to secure and submit appraisals and such other documentation, as they may deem to be necessary or desirable in order to effectuate such conveyance of title to the Illinois Building Authority and to secure to this public corporation the beneficial use of said property.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston,

Mr. Jones; Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page, Mr. Pogue.

On motion of Mr. Swain, the Board adjourned.

EARL W. PORTER
Secretary

HOWARD W. CLEMENT
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

October 13, 1966



The October meeting of The Board of Trustees of the University of Illinois was held in the Chicago Circle Center, Chicago, Illinois, on Thursday, October 13, 1966, beginning at 10:30 a.m.

President Howard W. Clement called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Theodore A. Jones, Mr. Ray Page, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Mr. Irving Dilliard and Governor Otto Kerner were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Mr. C. S. Havens, Director of the Physical Plant; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. James J. Costello, Legal Counsel; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. H. O. Farber, Comptroller; Mr. R. R. Manchester, Treasurer; and Mr. Earl W. Porter, Secretary.

Mr. Clement presented the following:

To ANTHONY JAMES JANATA:

The Board of Trustees of the University of Illinois expresses and records its grateful appreciation of your sixteen years of dedicated service as its Secretary.

With a grace and dignity that is reflected in the personality of this institution, you have served this Board of Trustees as steward, counselor, and friend to all its members. To some of us our personal and professional associations with you embrace the whole of our adult lives. To all of us you have been a symbol of the character of the University, through periods of growth, crisis, and increasing complexity. Nor are we unmindful of the further continuity you have represented during forty-five years of close association with seven of the presidents of the University of Illinois. In this long career, you have brought credit to us and the University in the performance of a multitude of services for which no expression of gratitude can be entirely adequate. We can not look upon your retirement without regret, indeed sadness, but we take satisfaction from our deeply felt realization that the record of accomplishment is clear and bright and that it will always be a significant part of the long history of the University of Illinois.

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 special copy be prepared and given you as a permanent reminder of the esteem and affection in which you are held by all of us.

Mr. Janata was asked to stand during the reading of the resolution, and the resolution was then adopted by the members of the Board by a standing vote.

Mr. Janata responded briefly, expressing his appreciation of the personal associations he had enjoyed over many years with the Trustees, officers, and other groups related to the University. He stated that he had known during his career a total of seventy-two trustees of the University of Illinois, thirty-six of whom are now living.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

The President of the University asked the Executive Vice-President and Provost to present to the Trustees a report of the fall enrollments of all campuses of the University. Mr. Lanier distributed a report containing this information and the Trustees discussed the report with particular attention to the question of numbers of qualified students who have had to be rejected because of insufficient facilities to accommodate them.

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 Illinois Accountancy Act of 1943, as amended, 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>
RALPH ANTHONY BOSCH	Arlington Heights, Illinois	Ohio
FREDERICK LOOMIS NEUMANN	Urbana, Illinois	Connecticut
MARTIN J. ROSEN	Chesterfield, Missouri	Missouri
JOHN J. SPINETTO	Grand Rapids, Michigan	New York

I concur.

On motion of Mr. Johnston, these certificates were awarded.

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(2) The Committee on Accountancy recommends the appointment of Crane Hauser, a partner in the law firm of Winston, Strawn, Smith & Patterson, Chicago, to the Board of Examiners in Accountancy for a three-year term to succeed Charles W. Davis whose term expired June 30, 1966.

I concur.

On motion of Mr. Swain, 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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; B— two years; D— one year; E— nine months from the beginning of the academic year; G— special tenure; Y— twelve months' service required instead of two semesters.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

- BATCHELDER, WILLIAM H., Assistant Professor of Psychology (Urbana), beginning September 1, 1966, at an annual salary of \$9,000 (B).
- BAUM, BERNARD H., Associate Professor of Management and Associate Professor of Sociology (Chicago Circle), beginning September 1, 1966, at an annual salary of \$16,500 (A).
- BAZZAZ, FAKHRI, Assistant Professor of Botany, on one-fourth time, and in the Division of General Studies, on three-fourths time (Urbana), beginning September 1, 1966, at an annual salary of \$9,000 (B).
- BOGARTZ, RICHARD S., Visiting Associate Professor of Psychology (Urbana), beginning September 1, 1966, at an annual salary of \$11,000 (D).
- BOYLSON, MYRON I., Staff Physician and Assistant Professor of Health Science, Health Service (Urbana), beginning September 6, 1966, at an annual salary of \$16,300 (DY).
- BURGOYNE, PETER N., Associate Professor of Mathematics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$13,000 (A).
- CARVER, FRED D., Coordinator in the Office of University-Schools Research, Bureau of Educational Research, and Assistant Professor of Educational Administration and Supervision (Urbana), beginning September 1, 1966, at an annual salary of \$11,500 (DY).
- CHEN, CHENG-LUNG, Associate Professor of Civil Engineering (Urbana), beginning September 1, 1966, at an annual salary of \$9,500 (D).
- CLORE, GERALD L., JR., Assistant Professor of Psychology (Urbana), beginning September 1, 1966, at an annual salary of \$9,000 (B).
- CROWLEY, JOSEPH M., Assistant Professor of Electrical Engineering (Urbana), beginning September 1, 1966, at an annual salary of \$9,700 (B).
- DEMBOWSKI, HANS P., Visiting Associate Professor of Mathematics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$14,000 (D).
- DISQUE, DONALD F., Assistant Professor of Veterinary Clinical Medicine, College of Veterinary Medicine (Urbana), beginning September 1, 1966, at an annual salary of \$11,000 (BY).
- EVANS, JOHN V., George A. Miller Visiting Professor of Electrical Engineering (Urbana), for the academic year beginning October 1, 1966, at an annual salary of \$17,000 (D).

14. FORD, LeROY H., JR., Visiting Associate Professor of Psychology (Urbana), on one-third time, for four and one-half months from September 16, 1966, at a salary of \$2,000 (E33).
15. FREESE, HOMER B., Staff Physician and Associate Professor of Health Science, Health Service (Urbana), beginning January 1, 1967, at an annual salary of \$18,000 (G).
16. FRENKEL, MARCEL, Assistant Professor of Ophthalmology, College of Medicine, on one-half time, beginning October 1, 1966, at an annual salary of \$8,000 (DY50).
17. GARABEDIAN, HENRY L., Professor of Energy Engineering, on one-half time, and Professor of Mathematics, on one-half time (Chicago Circle), beginning January 1, 1967, at an annual salary of \$18,000 (A).
18. GELICK, MICHAEL S., Assistant Professor of Architecture (Chicago Circle), for three months from September 16, 1966, at a salary of \$3,000 (G).
19. GRAFFIS, DON W., Associate Professor of Forage Crops Extension, Department of Agronomy (Urbana), beginning September 1, 1966, at an annual salary of \$13,000 (AY).
20. HARLAN, JACK R., Professor of Plant Genetics, Department of Agronomy (Urbana), beginning September 15, 1966, at an annual salary of \$20,000 (AY).
21. JOHNSON, RAUL, Assistant Professor of Speech and Theatre (Chicago Circle), beginning September 1, 1966, at an annual salary of \$10,500 (B).
22. JOSEPH, MAURICE E., Assistant Professor of Communication Sciences, Department of Otolaryngology, College of Medicine, beginning September 1, 1966, at an annual salary of \$15,000 (DY).
23. KIEFER, JOHN H., Associate Professor of Energy Engineering (Chicago Circle), for two years from September 1, 1966, at an annual salary of \$12,000 (G).
24. KOKOTOVIC, PETAR, Visiting Associate Professor of Electrical Engineering and in the Coordinated Science Laboratory (Urbana), for one year from September 1, 1966, at a salary of \$14,000 (DY).
25. LEUENBERGER, PAUL L., Consultant with rank of Assistant Professor in the Jane Addams Graduate School of Social Work (Urbana), beginning September 12, 1966, at an annual salary of \$12,750 (DY).
26. LITTLE, ROGER W., Associate Professor of Sociology and Anthropology (Chicago Circle), beginning September 1, 1966, at an annual salary of \$11,000 (A).
27. LOFGREN, LARS, Visiting Associate Professor of Electrical Engineering (Urbana), beginning September 1, 1966, at an annual salary of \$13,500 (DY).
28. MRTEK, ROBERT G., Assistant Professor of Pharmacy, College of Pharmacy, beginning September 1, 1966, at an annual salary of \$9,500 (D).
29. NORDSTROM, JAMES W., Assistant Professor of Nutrition, Department of Home Economics (Urbana), beginning September 15, 1966, at an annual salary of \$11,750 (DY).
30. RAY, (MISS) DURGA, Assistant Professor of Mathematics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$10,400 (B).
31. SCHILLER, STEPHEN A., Assistant Professor of Criminal Justice, College of Liberal Arts and Sciences (Chicago Circle), on one-third time, beginning September 1, 1966, at an annual salary of \$3,500 (D33).
32. STALLINGS, WILLIAM M., II, Research Assistant Professor in the Office of Instructional Resources and Assistant Professor of Educational Psychology (Urbana), beginning September 1, 1966, at an annual salary of \$12,000 (DY).
33. STEINER, SIMON D., Associate Professor of Art (Chicago Circle), for two years from September 1, 1966, at an annual salary of \$12,000 (G).
34. STOESSL, FRANZ, Visiting Professor of Classics, Department of English (Chicago Circle), beginning September 1, 1966, at an annual salary of \$16,000 (D).
35. SUMMERS, DAVID A., Research Assistant Professor of Psychology (Urbana), beginning September 1, 1966, at an annual salary of \$9,000 (B).
36. TWERSKY, VICTOR, Professor of Mathematics (Chicago Circle), beginning September 1, 1966, at an annual salary of \$21,000 (A).
37. WANG, SHAO-FU, Visiting Research Associate Professor of Physics (Urbana), for four months from January 1, 1967, at a salary of \$5,200 (G).
38. WERT, CHARLES A., Professor of Physical Metallurgy and Acting Head of the Department of Mining, Metallurgy, and Petroleum Engineering (Urbana), beginning September 1, 1966, at an annual salary of \$22,000 (A, D).
39. WINE, MARTIN L., Associate Professor of English (Chicago Circle), beginning January 1, 1967, at an annual salary of \$12,500 (A).

40. ZOOT, GERALD N., Assistant Professor of Operative Dentistry, College of Dentistry, on one-third time, beginning September 1, 1966, at an annual salary of \$3,000 (BY30).

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

HEADSHIP OF DEPARTMENT OF GEOLOGY, URBANA

- (4) The Dean of the College of Liberal Arts and Sciences at Urbana recommends the appointment of Dr. Fred A. Donath, presently on the staff of Columbia University, as Professor of Geology on indefinite tenure and Head of the Department beginning January 1, 1967, at an annual salary of \$20,000, divided: \$18,000 as Professor of Geology, and \$2,000 as Head of the Department of Geology, on an academic year service basis.

This appointment is to succeed Professor George W. White who asked to be relieved of his administrative duties as Head of the Department as of September 1, 1965. In the meantime, Professor Carleton A. Chapman has been serving and will continue to serve as Acting Head of the Department until January 1, 1967.

Professor Donath was nominated by a search committee,¹ and his appointment is endorsed by the Executive Committee of the College of Liberal Arts and Sciences, the Dean of the Graduate College, and the Executive Vice-President and Provost.

I recommend approval.

On motion of Mr. Johnston, this appointment was approved.

OFFICE OF PUBLICATIONS AND OFFICE OF AGRICULTURAL COMMUNICATIONS, COLLEGE OF AGRICULTURE, URBANA

- (5) The Dean of the College of Agriculture recommends changes in administrative organization within his office relating to publications and agricultural communications. Two new offices are proposed: an Office of Publications and an Office of Agricultural Communications.

The new organizational pattern does not involve new programs, nor are any new functions or duties involved. The intent of the changes proposed is to improve the efficiency of present services and facilitate the orderly growth and development of the work of the College in publications and communications.

The Dean of the College of Agriculture further recommends the following appointments: A. W. Janes, presently Editor with the rank of Associate Professor, as Head of the Office of Publications with rank of Associate Professor; and Hadley Read, presently Extension Editor and Professor of Agricultural Extension, as Head of the Office of Agricultural Communications, Assistant Director of the Cooperative Extension Service in Agriculture, and Professor of Agricultural Extension.

The Executive Vice-President and Provost concurs in these administrative changes and appointments.

I recommend approval.

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

COLLEGE OF PHARMACY ADVISORY COMMITTEE

- (6) The Dean of the College of Pharmacy and the Chancellor at the Medical Center campus recommend the appointment of Ned Harris, General Sales Manager of the Geller Drug Company, Chicago, to the College of Pharmacy Advisory Committee for a term ending June 30, 1971. Mr. Harris will replace Mr. Milton S. Prizant of Chicago, whose term has expired.

I concur.

On motion of Mr. Williamson, this appointment was approved.

NEW CURRICULUM PLAN, SCHOOL OF SOCIAL WORK, URBANA

- (7) The faculty of the Jane Addams Graduate School of Social Work has developed, and the Executive Vice-President and Provost has approved, a new cur-

¹ L. Leon Campbell, Professor of Microbiology and Head of the Department, Chairman; Gerald M. Almy, Professor of Physics and Head of the Department; Herbert E. Carter, Professor of Biochemistry and Head of the Department of Chemistry and Chemical Engineering; Carleton A. Chapman, Professor of Geology and Acting Head of the Department; Robert N. Farvolden, Associate Professor of Geology; Ralph E. Grim, Research Professor of Geology; J. Woodland Hastings, Professor of Biochemistry; William Winn Hay, Associate Professor of Geology.

riculum plan for the program of the School at the Urbana campus. It is reported to the Trustees as a matter of information.

Under the present plan, field activity is about equally distributed within the two-year curriculum, students spending two or three days a week in agencies of downstate communities. The new plan calls for the student to spend two sixteen-week semesters, primarily in study on the Urbana campus, followed by thirty-two weeks of field work with appropriate holiday vacations. The entire program would be completed in sixteen months instead of the present twenty months.

It is expected that students will gain greater understanding of basic knowledge during their first year than is now possible. Only minor restructuring of class content is anticipated.

No substantial changes in objectives of the curricula are involved. However, the plan would require year-round operation of the School. Greater efficiency in the cost of field learning operations, in terms of travel and time, is expected to enable the School to double enrollment without increasing field learning resources.

The plan would be effective only for the Urbana program in social work. Although their objectives are similar, the Urbana and Chicago programs will retain the unique qualities brought about by their different environments.

This report was received for record.

CURRICULA AND REQUIREMENTS FOR MASTER'S DEGREES, CHICAGO CIRCLE

(8) In accordance with policies of the Illinois Board of Higher Education, as delineated in *A Master Plan for Higher Education in Illinois*, the Chicago Circle campus has initiated plans for offering the master's degree. The Illinois Board of Higher Education and the Board of Trustees have been informed of these plans and of the intent to propose the initiation of graduate study in September, 1967. During the past two years, several departments have been preparing programs for graduate study at the master's level. The initial step towards the development of these plans was taken in August, 1964, when an office of the University of Illinois Graduate College was established at the Chicago Circle campus. The appointment of an Associate Dean was approved by the Board of Trustees in May, 1965.

Ten programs for the master's degree have been approved by the Graduate College, by the Chicago Circle Senate, and by the appropriate University officers. These are Biological Sciences, Chemistry, English, Geology, German, History, Mathematics, Philosophy, Physics, and Psychology. Requirements for these programs as well as enrollment projections and other relevant information are supplied in the following memorandum. Other programs are under consideration.

The Executive Vice-President and Provost, the Dean of the Graduate College, and the Chancellor of the University of Illinois at Chicago Circle recommend approval of the ten master's degree programs and degree requirements as summarized below. All of the programs and requirements, with the exception of corrections of minor inconsistencies relating to graduate credit, have received approval of the Chicago Circle Senate. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I recommend approval, subject to further action by the Illinois Board of Higher Education.

Common Requirements for the Master's Degree

With the exception of the form of graduate credit and matters relating specifically to the Urbana-Champaign campus, the requirements of the division of the Graduate College at Chicago Circle are as stated in the 1965-66 edition of the Graduate College catalog. References to Urbana-Champaign are replaced by Chicago Circle. Requirements involving graduate credit have been exactly translated from units to quarter hours as explained below.

Following a recommendation by the Graduate College, the Senate approved the quarter hour as a measure of graduate credit. The requirements for the master's degree in quarter hours are exactly equivalent to requirements in units as stated in the University of Illinois Graduate College catalog, 1965-66. This equivalence is established by noting that one unit is by definition equal to four semester hours. Consequently, the eight-unit minimal requirement for the master's degree is forty-eight hours in the quarter system.

Eighteen of the forty-eight quarter hours must be in courses numbered in the

400 series, and twelve of these eighteen must be in the major field. At least twenty-four quarter hours must be in the major field. The remaining credit may be in that field or in other courses appropriate to the student's educational goals.

No more than eighteen quarter hours of thesis credit may be included in a forty-eight quarter hour program.

The normal program for a full-time graduate student is sixteen quarter hours. The maximum permissible is twenty quarter hours.

The academic work carried by assistants and others on the University staff is limited by statute, and those employed outside the University are expected to reduce their programs of study in accordance with these regulations. The maximum amount of academic work is determined by the terms of employment as follows:

<i>Nature of Appointment</i>	<i>Maximum Registration per Quarter</i>
Full time	4 quarter hours
Three-fourths time	8 quarter hours
Two-thirds time	9 quarter hours
One-half time	12 quarter hours
One-third time	15 quarter hours
One-fourth time	16 quarter hours

Programs for the Master's Degree

The master's degree may be terminal for some students, especially teachers in public schools and junior colleges. For others, the degree will be the first step toward the doctorate. Each program for the master's degree establishes a broad foundation of knowledge for both classes of students. In addition, each program requires an appropriate degree of specialization on the part of the student as described in the summary statements which follow.

Departmental standards for admission and graduation are generally equivalent to those of corresponding departments in Urbana as approved by the Board of Trustees and are therefore not included.

Table I indicates the projected enrollments in the ten programs. Table II shows the graduate faculty standing of members of the departments now seeking to begin graduate programs.

**Table I. University of Illinois at Chicago Circle
FTE Students, Graduate I**

<i>Department</i>	<i>1967</i>	<i>1968</i>	<i>1970</i>	<i>1972</i>	<i>1974</i>
Biological Sciences	15	20	45	65	90
Chemistry	28	36	60	82	105
English	38	43	60	89	123
Geology	5	10	23	29	35
German	15	20	36	40	55
History	21	30	58	86	110
Mathematics	40	50	90	139	177
Philosophy	16	15	26	34	42
Physics	13	25	45	65	89
Psychology	20	20	35	45	55

**Table II. University of Illinois at Chicago Circle
Faculty Standing**

<i>Department</i>	<i>Full</i>		<i>Master's</i>		<i>Limited</i>
	<i>Present</i>	<i>Probable</i>	<i>Present</i>	<i>Probable</i>	<i>Present</i>
Biological Sciences	4		8		14
Chemistry	6		7		12
English	2	6	6	4	
Geology	3		1		1
German	2		4		4
History	2	3	4		9
Mathematics	11		6		13
Philosophy	5		1		2
Physics	5		10	4	4
Psychology	3		6		7

Biological Sciences

The department will offer a Master of Science degree. Areas of specialization are (1) genetics and development; (2) systematics, evolution, and ecology; and (3) physiology and morphology. Each student will be required to be competent in two of the three major areas of specialization and to be familiar with the third. The candidate is urged to achieve competence in at least one modern foreign language and to take work in calculus, statistics, and biochemistry. Students will not receive more than twelve quarter hours credit for thesis research.

Chemistry

The department will offer the Master of Science degree. A core program of courses will provide a solid foundation for all areas of specialization. The areas of specialization are theoretical chemistry, inorganic chemistry, bio-organic chemistry, physical organic chemistry, and experimental physical chemistry. Each student may choose electives from chemistry and from other fields related to his area of specialization. The thesis is optional, and the student may receive up to eighteen quarter hours for thesis research.

English

The department will offer the Master of Arts degree with specialties in English and American literature and linguistics.

Students are required to write a thesis or to submit a series of departmental papers. A reading knowledge of one approved foreign language is required. Sixteen quarter hours may be presented in an approved minor.

Geology

The department will offer the Master of Science degree with the following areas of specialization: (1) crystallography, mineralogy, petrology, and geochemistry; (2) paleontology; (3) oceanography, sedimentology, and sedimentary geochemistry. Each specialty will lean heavily toward interdisciplinary training and cooperation with the faculty from departments such as Biological Sciences, Chemistry, Physics, and others, in line with the newer developments in geologic science.

German

The department will offer the Master of Arts degree with specialties in linguistics and modern grammar; and the literature of the years since 1700. Each student will be required to write a thesis or a departmental master's paper, and he will be expected to complete work in an approved minor area outside the department.

History

The department will offer the Master of Arts degree in the following fields of specialization: early modern Europe, modern Europe, Great Britain, and America (United States), with emphasis on urban studies when appropriate. Each student is required to participate in a research seminar in which he would prepare a master's essay. He must also pass a reading examination in one foreign language relevant to his program of study. A student may, with the approval of the department, take a minor in another field.

Mathematics

The department will offer a program leading to the degree of Master of Arts or Master of Science. The fields of specialization are: (1) pure mathematics: algebra, analysis, geometry, and topology; (2) applied mathematics: differential equations, numerical analysis, the study of special functions, computer science, mathematical physics, as well as applications in a variety of engineering disciplines; and (3) the teaching of mathematics.

Philosophy

The department will offer the degree of Master of Arts. The areas of specialization will be logic, epistemology, philosophy of science, value theory, metaphysics, and history of philosophy. The program in logic will involve cooperation with the Department of Mathematics: students in either department may specialize in logic, and (cross-listed) courses in logic will be offered by members of both faculties.

Students must take one course in each of the following three fields: history of philosophy; theory of knowledge (including logic, philosophy of science, and philosophy of language); and ethics (including value theory). A maximum of sixteen quarter hours of credit is permitted for thesis research.

Physics

The department will offer the Master of Science degree. The student may specialize in theoretical physics, experimental high-energy physics, or molecular spectroscopy and modern optics. Theoretical physics includes nuclear and hyper-nuclear structure, particle physics, quantum field theory, statistical mechanics, and electromagnetic theory. A thesis is required for a maximum of twelve quarter hours.

Psychology

The department will offer the Master of Arts degree in three areas of concentration: general psychology, applied psychology, and developmental psychology. General psychology consists of basic courses in experimental and theoretical psychology and quantitative methods; it is designed as a core for students taking a terminal Master of Arts degree in one of the other areas, or as an introduction to a doctoral program in applied areas, in social psychology, and in the health-related fields. A thesis is required.

On recommendation of Mrs. Watkins, this recommendation was approved.

NAMES OF BUILDINGS AT CHICAGO CIRCLE AND NAMES OF STREETS AT THE MENTAL HEALTH CENTER, URBANA

(9) On September 21, 1966, the Committee on Buildings and Grounds approved proposals for the naming of buildings at the Chicago Circle campus and the naming of streets at the Mental Health Center in Urbana. The actions are reported to the Board now as a matter of record.

The Committee approved the following names of buildings at Chicago Circle: science and engineering office building—Science and Engineering Offices; classroom buildings—Patrick Henry Hall and Adlai E. Stevenson Hall.

The streets concerned are within the Mental Health Center being developed by the University and the Illinois Department of Mental Health. The names approved are those of persons who were instrumental in the development of the state mental health program:

Main entrance drive—Gerty Street (for Dr. Francis J. Gerty, former Head of Department of Psychiatry in the College of Medicine and Director of the Illinois Department of Mental Health)

East drive—Kirk Drive (for Dr. Samuel A. Kirk, Professor of Special Education and of Psychology and Director of the Institute for Research on Exceptional Children, Urbana)

West drive—Griffith Street (for the late Dr. Coleman R. Griffith, former Provost of the University and Professor of Education and of Psychology)

South drive—Bailey Drive (for Dr. Percival Bailey, Distinguished Professor of Neurology and Neurological Surgery, College of Medicine, Emeritus, and Director of Research for the Illinois Department of Mental Health)

On motion of Mr. Pogue, the report of the action of the Committee on Buildings and Grounds was received for record.

At this point, Mr. Page asked to be excused from the meeting.

APPLICATIONS FOR GRANT FUNDS UNDER TITLE I OF THE HIGHER EDUCATION FACILITIES ACT OF 1963

(10) Under the Higher Education Facilities Act of 1963, the United States Commissioner of Education is authorized to grant funds for the construction, rehabilitation, and improvement of academic and related facilities. The requirements of the Department of Health, Education, and Welfare for the submission of applications for grants under the Act necessitate the adoption of a formal resolution by the Board authorizing the filing of applications and designating the person to act on behalf of the University in connection therewith.

It is recommended that the Board of Trustees of the University of Illinois adopt the resolutions submitted herewith authorizing the filing of three applications and one supplemental application for grants for the following projects and designating James E. Osborn, Business Manager at Chicago Circle, as the officer authorized to file the applications on behalf of the University for construction at Chicago Circle, and H. O. Farber, Comptroller of the Board, as the officer authorized to file the applications on behalf of the University for construction at Urbana-Champaign.

Construction at Chicago Circle — Behavioral Science Center and Physical Education Building

Construction at Urbana-Champaign — Intramural-Physical Education Building and Psychology Laboratory

**Resolution Authorizing the Filing of Application for Grant Funds
Under Title I of the Higher Education Facilities Act of 1963**

Approved October 13, 1966

WHEREAS, the U.S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a grant under the aforementioned act for the project described as follows:

Construction of Behavioral Science Center at Chicago Circle

Now, therefore, be it

Resolved, that an application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said application will be forwarded to the U.S. Commissioner of Education for consideration for his approval; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates James E. Osborn, Business Manager, Chicago Circle Campus, as the officer authorized to file the application and act as the representative of this Board in connection with said application.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page.

**Resolution Authorizing the Filing of Application for Grant Funds
Under Title I of the Higher Education Facilities Act of 1963**

Approved October 13, 1966

WHEREAS, the U.S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a grant under the aforementioned act for the project described as follows:

Construction of Physical Education Building at Chicago Circle

Now, therefore, be it

Resolved, that an application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said application will be forwarded to the U.S. Commissioner of Education for consideration for his approval; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates James E. Osborn, Business Manager, Chicago Circle Campus, as the officer authorized to file the application and act as the representative of this Board in connection with said application.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page.

**Resolution Authorizing the Filing of Application for Grant Funds
Under Title I of the Higher Education Facilities Act of 1963
Approved October 13, 1966**

WHEREAS, the U.S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a grant under the aforementioned act for the project described as follows:

Construction of Intramural Physical Education Building,
at Urbana-Champaign

Now, therefore, be it

Resolved, that an application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said application will be forwarded to the U.S. Commissioner of Education for consideration for his approval; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates H. O. Farber, Comptroller, as the officer authorized to file the application and act as the representative of this Board in connection with said application.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page.

**Resolution Authorizing the Filing of Supplementary Application for Grant Funds Under Title I of the Higher Education Facilities Act of 1963
Approved October 13, 1966**

WHEREAS, the U.S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a supplemental grant under the aforementioned act for the project described as follows:

Construction of Psychology Laboratory at Urbana-Champaign

Now, therefore, be it

Resolved, that a supplementary application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said supplementary application will be forwarded to the U.S. Commissioner of Education for consideration for his approval; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates H. O. Farber, Comptroller, as the officer authorized to file the supplementary application and act as the representative of this Board in connection with said supplementary application.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES, URBANA

(11) The Committee on Nonrecurring Appropriations, the Executive Vice-President and Provost, and the Vice-President and Comptroller recommend the following appropriations for the Urbana-Champaign campus:

From the Urbana-Champaign General Reserve

College of Liberal Arts and Sciences	
Department of Geology, equipment.....	\$ 32 850 00
Renovation and remodeling for which funds are assigned to the Physical Plant Department:	
A portion of the cost to remodel in the Natural History Building for the Department of Geology (teaching and research space)....	83 000 00
<i>Total, Urbana-Champaign General Reserve.....</i>	<i>\$115 850 00</i>

From Contract Research Reserve

College of Liberal Arts and Sciences	
Department of Geology, research equipment.....	\$ 77 001 00
Library	
Library Additions, supplementary funds.....	50 000 00
Renovation and remodeling for which funds are assigned to the Physical Plant Department:	
Balance of the cost to remodel in the Natural History Building for the Department of Geology (research space and teaching)	136 000 00
Remodeling in the Animal Sciences Laboratory for advanced graduate teaching and research.....	16 440 00
Remodeling the unfinished basement in the Coordinated Science Laboratory to provide laboratory and working space.....	20 495 00
Remodeling in Noyes Laboratory for the Department of Physiology and Biophysics for graduate and research work.....	13 500 00
Remodeling in Noyes Laboratory for research work for the Department of Microbiology.....	27 030 00
<i>Total, Contract Research Reserve.....</i>	<i>\$340 466 00</i>
<i>Grand Total.....</i>	<i>\$456 316 00</i>

I concur.

On motion of Mr. Jones, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page.

APPROPRIATION BY THE ATHLETIC ASSOCIATION

(12) The Board of Directors of the Athletic Association approved an appropriation of \$29,640 to provide funds to cover the cost of preparing plans and specifications for the Addition to the Press Box at Memorial Stadium.

Confirmation of this appropriation is requested.

On motion of Mr. Swain, the action of the Board of Directors of the Athletic Association was confirmed.

REQUEST THAT ILLINOIS BUILDING AUTHORITY CONTRACT FOR CONSTRUCTION OF LIBRARY AIR CONDITIONING CENTER, URBANA

(13) On September 14, 1966, the Illinois Building Authority received bids for all work for the construction of the Library Air Conditioning Center at the Urbana campus. The Center will serve the Undergraduate Library and the proposed Psychology Building. The lowest bidder is George S. Walker Plumbing & Heating, Inc., Decatur, with a low bid of \$342,788. Eight other proposals were received, with bids ranging from \$349,645 to \$422,145. The lowest bidder is deemed fully qualified and has performed satisfactorily under contract with the University in the past.

The project is one which the Board of Trustees on September 22, 1965, requested the Illinois Building Authority to provide. The Authority will finance construction and lease the facilities to the University for rental payments for which state appropriations are available.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board request the Illinois Building Authority to award a contract for the described work to the lowest bidder and proceed to procure this facility for the use of the University.

I concur and recommend adoption of the following resolution.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to contract with George S. Walker Plumbing & Heating, Inc., Decatur, for the total work for the construction of the Library Air Conditioning Center at the Urbana-Champaign campus at the total cost of \$342,788.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, assignment, conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page.

REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT WITH CITY OF CHICAGO FOR WATER MAIN RELOCATION

(14) On March 16, 1966, the Trustees authorized the city of Chicago, acting through its Department of Water and Sewers, to relocate and extend water mains to serve the Science and Engineering Staff Office Building, the Library, and the Architecture and Art Laboratories, all part of Phase II construction, Chicago Circle, at an estimated total cost of \$44,948.70.

As these projects are being financed and constructed by the Illinois Building Authority, it has been subsequently concluded that the cost of relocating and extending the water mains to serve these buildings should properly be paid for by the Illinois Building Authority.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board request the Illinois Building Authority to assume the University's obligation to pay the city of Chicago for the above-described work.

I concur and recommend adoption of the following resolution.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to procure from the City of Chicago, a municipal corporation, acting through its Department of Water and Sewers, the total work of the relocation and extension of water mains to serve the Science and Engineering Staff Office Building, Library, and Architecture and Art Laboratories at Chicago Circle, Phase II, at an estimated total cost of \$44,948.70.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, assignment, conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page.

ASSIGNMENT OF CONSULTANT CONTRACT TO THE ILLINOIS BUILDING AUTHORITY

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board authorize the assignment of the contract with Waldron Associates, Inc., Haddonfield, New Jersey, to the Illinois Building Authority.

The firm was employed by the Board at its meeting on April 20, 1966, for critical path scheduling services for construction of Chicago Circle campus, Phase II. Inasmuch as this work is being financed and constructed by the Illinois Building Authority in accordance with an act of the Seventy-fourth General Assembly of Illinois declaring this project to be in the public interest, it is desirable that the contract be assigned to the Illinois Building Authority.

I concur in the recommendation.

On motion of Mr. Hughes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page.

CONTRACTS FOR AIR CONDITIONING ADMITTING CLINIC. GENERAL HOSPITAL BUILDING

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of contracts for air conditioning Admitting Clinic, General Hospital Building, at the Medical Center campus, the award in each case being to the lowest bidder:

Heating, Refrigeration and Temperature Controls — Hedmark Heating Company, Inc., Glen Ellyn.....	\$ 9 668 00
Ventilation — Hedmark Heating Company, Inc., Glen Ellyn.....	3 660 00
Plumbing — Peter H. Smith Company, Chicago.....	3 248 00
Pipe Covering and Insulation — Chicago Asbestos Manufacturing Company, Chicago	655 00
Electrical — Casey Electric Service Company, Chicago.....	2 250 00
General — Mutual Contracting Company, Chicago.....	2 510 00
	<u>\$21 991 00</u>

Funds for this work are available from an appropriation approved by the Board of Trustees on June 16, 1965.

Submitted herewith is a schedule of all bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones,

Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page.

**ADDITION TO CONTRACT FOR COORDINATED
SCIENCE LABORATORY, PHASES III AND IV, URBANA**

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$14,217.34 in the contract with Johnson, Drake & Piper, Incorporated, Terre Haute, Indiana, for construction of the Coordinated Science Laboratory, Phases III and IV. This increase is to provide an additional air conditioning and humidity control system required for the installation of a computer.

Funds are available in the project budget.

I concur.

On motion of Mrs. Watkins, this change in contract was authorized.

**ADDITION TO CONTRACT FOR CONSTRUCTION
AT CHICAGO CIRCLE CAMPUS, PHASE II**

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board request the Illinois Building Authority to authorize an increase of \$51,591 in the contract with Gust K. Newberg Construction Co., Chicago, for construction of the Chicago Circle campus, Phase II. This increase will make possible the installation of revolving doors on two floors of the Library as originally planned. The installation had been eliminated due to the lack of funds available. Since the award of the construction contracts, federal grants have been received and funds are now available for this work.

I concur.

On motion of Mr. Johnston, this change in contract was authorized.

**EMPLOYMENT OF SARGENT & LUNDY FOR ENGINEERING SERVICES
FOR MODIFICATIONS IN THE STEAM DISTRIBUTION SYSTEM, URBANA**

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board authorize a contract with Sargent & Lundy, Chicago, for the preparation of plans and specifications for modifications in the steam distribution system on the Urbana campus. The modifications proposed will allow the system to handle an increase in steam pressure from 50 pounds per square inch to 150 pounds per square inch. The work will consist of collection of data and preparation of specific plans for each of the approximately two hundred buildings on the campus and in the underground steam distribution system.

The firm will provide the services at actual costs of engineering and drafting personnel plus 50 per cent plus a fixed fee charge of 2 per cent of the actual cost of construction, and if a resident engineer is required, the firm will provide personnel at actual salary or wages plus 35 per cent.

Funds are available from state capital appropriations to the University for 1965-67 and have been released.

I concur.

On motion of Mr. Swain, this recommendation was approved.

EASEMENT TO ILLINOIS BELL TELEPHONE COMPANY

(20) The Vice-President and Comptroller recommends that the Illinois Bell Telephone Company be granted an easement for the construction of an underground telephone cable over road right-of-way only and bordering Weber Farms Nos. 4 and 5 located in Waltham Township, LaSalle County, Illinois, and that the following resolution be adopted.

**Resolution Granting Easement Over Road Right-of-Way Only
and Bordering Weber Farms Nos. 4 and 5, Located
in Waltham Township, LaSalle County, Illinois**

Be It, and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this Corporation be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract or other document or documents as to them may

seem necessary or desirable in order to grant to Illinois Bell Telephone Company, an Illinois Corporation hereinafter referred to as "Company", its successors and assigns, the right and easement to construct, operate, patrol and maintain its communication lines including the necessary underground cables, wires, conduits, splicing boxes, surface terminals, markers and appurtenances upon, under and across the land hereinafter specifically described which said land is included in the public highway, to form a part of a communication system to be owned by the said Company in LaSalle County, Illinois, to other lands and structures located beyond the land hereinafter described, and with the right of access to the said land hereinafter described. Company shall agree to repair any damage caused to property of this Corporation by the construction, reconstruction, operation, patrolling, maintenance, renewal or removal of said telephone communications cable, and to indemnify the University and its representatives and tenants from liability in connection with its activities; the term of said easement to be for such period as the easement may be used for the above-described purposes, but upon the discontinuation of use of or abandonment of said telephone communications cable, said easement to thereupon cease and determine without necessity of re-entry or demand; the rights and easement granted to be limited to the extent that this public corporation has the present right and capacity to grant the same. The right-of-way easement shall be over the following-described property:

Situated in the State of Illinois, the County of LaSalle, and only on the road right-of-way bordering lands described as follows:

On road right-of-way bordering on the West side of the Northwest Quarter (NW ¼) and the North One-half (N ½) of the Southwest Quarter (SW ¼) of Section 27, Township 34 North, Range 2 East of the Third Principal Meridian (3rd P.M.).

On motion of Mr. Swain, this resolution was adopted. Mr. Hughes asked to be recorded as not voting.

LEASE OF SPACE IN ILLINI TOWERS, CHAMPAIGN

(21) The Director of the Physical Plant, the Vice-President and Comptroller, and the Executive Vice-President and Provost recommend that the Board request the University of Illinois Foundation to lease the second and third floors of the Illini Towers Residence Hall project (located at Fifth and Chalmers Streets, Champaign) at an annual rate of \$26,500 per floor (or \$53,000 for both). The lease would be for the period extending to June 30, 1971, with an option to renew until 1975 at an annual rate of \$60,000 for both floors per year, plus an adjustment of not more than \$1,000 for possible real estate tax increases. The Foundation would sublease this space to the University at the rate indicated on a biennial basis. The third floor will be available for occupancy on or about January 1, 1967, and the second floor will be ready for occupancy by the University on or about September 1, 1967. Rental payments will start at the time possession is delivered to the University.

This space, which is under construction, will be completed by the owner in accordance with University requirements for office space. After completion, it will be used by the Office of International Programs, the Office of the Campus Director for programs supported by the Agency for International Development, the Office of the University Dean of Admissions and Records, and other University offices.

Funds for rental and operation until June 30, 1967, are available in the Physical Plant budget from funds which were previously appropriated for the operation of new buildings, but which are not needed because of delays in completing schedules. Funds required thereafter will be requested in the budget of the Physical Plant Department on an annual basis.

I concur.

On motion of Mr. Jones, this recommendation was approved.

LICENSING AGREEMENT, DISCOVERY BY DR. SOL SPIEGELMAN

(22) The Board of Trustees, in approving the transfer to the University of Illinois Foundation of a discovery by Dr. Sol Spiegelman, Professor of Microbiology, has requested that any licensing agreements be approved by the University Board of Trustees. (The discovery is commonly described as "Virus-Induced Replicase Systems.")

The Foundation has now proposed that Eli Lilly and Company of Indianapolis, Indiana, be given an option to obtain an exclusive license. The option will extend for three years, with the right to extend this period for an additional year. The license will be limited to a period of three years from the time any product which Lilly may develop as a result of the discovery is placed on the market. The license will extend to the United States and certain foreign countries.

In return for this option, Eli Lilly agrees to make a down payment which will cover the costs of filing specified foreign patent applications and, in addition, a monthly payment so long as the option is in effect.

Dr. Spiegelman is in agreement with this arrangement. The Vice-President and Comptroller recommends approval of the proposal.

I concur.

On recommendation of Mr. Swain, this recommendation was approved.

PURCHASES

(23) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller; also a list of purchases authorized by the President's Office.

The lists of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

<i>From Appropriated Funds</i>	
Purchases Recommended	\$113 225 59
<i>From Institutional Funds</i>	
Purchases Authorized	46 121 81
Purchases Recommended	319 043 08
	\$365 164 89
<i>Grand Total</i>	\$478 390 48

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Johnston, the purchases authorized by the President's Office were approved, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(24) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary of the Board.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(25) The Comptroller's report of contracts executed during the period September 1 to 30, 1966.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
State of Illinois Department of Mental Health 17-277	Legal standards and procedures regulating civil and criminal commitment and release in Sweden, Denmark, and the United States	\$ 8 223 00
Syracuse University Research Corporation SURC 66124	Investigative studies for plasma discharge display devices	19 687 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Air Force		
AF 19(628)-5167	Exploratory research and development program on broadband isotropic antenna systems	\$ 39 248 00
Subcontract with Massachusetts Institute of Technology 341		
AF-AFOSR-714-67	Interface and bulk phenomena in solid state science	198 645 00
F11602-67-C-0119	"On-base" instructions to Air Force personnel at Chanute Air Force Base	15 000 00
F30602-67-C-0006	Millimeter and submillimeter receiver techniques	30 000 00
United States Army	Syntheses reactions, and structures of certain sulfur-nitrogen compounds	16 050 00
DA-ARO-D-31-124-G719		
United States Navy	Navy R.O.T.C. program	93 500 00
N00600-67-D-0077		
<i>Total</i>		<u>\$420 353 00</u>

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Tee-Pak Foundation	Various types of films as retardants to deterioration of meats and meat products	\$ 4 300 00
United States Agency for International Development AID/csd-1432	Malaria immunity and vaccination	415 000 00
United States Air Force		
AF 01(600)-5003	Tuition contract for Air Force students	3 655 00
AF 04(694)-796	Closure study	20 000 00
AF 33(615)-3216	Broadband and millimeter antenna techniques	100 000 00
United States Army	Fundamental research in chemistry	16 438 00
DA-ARO-D-31-124-G719		
United States Navy	Mechanics of fracture of members subjected to multiple loadings	20 000 00
N00025-67-C-0004-P001		
<i>Total</i>		<u>\$579 393 00</u>

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
George S. Grimmitt & Company	Cost-plus contract — plastering (two items, \$8,300 and \$4,000)	\$ 12 300 00
Healy Plumbing and Heating Company	Electrical work	2 990 00
Reliable Plumbing and Heating Company	Plumbing	6 195 00
<i>Total</i>		<u>\$ 21 485 00</u>

Summary

Amount to be paid to the University.....	\$999 746 00
Amount to be paid by the University.....	21 485 00

This report was received for record.

INVESTMENT REPORT

Report of the Finance Committee

(26) The Finance Committee reported the following changes in investments of endowment funds for the month of August, 1966:

Pool

Purchase

\$5 000 U.S. Treasury 4 $\frac{1}{8}$ per cent bonds due 2/15/74..... \$ 4 646 88

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of August, 1966:

Current Funds

RESTRICTED GROUP

Purchase

\$1 000 000	Commercial Credit notes due 6/28/66.....	\$998 208 33
250 000	International Harvester Credit notes due 9/15/66.....	248 398 44
750 000	Commercial Credit notes due 10/14/66.....	741 796 87

Construction Funds

CHICAGO CIRCLE UNION (Chicago Circle)

Purchase

\$10 000	U.S. Treasury bills due 1/5/67.....	9 803 18
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FLORIDA AVENUE RESIDENCE HALL

Sale

\$325 000	U.S. Treasury 4 per cent notes due 8/15/66.....	324 898 44
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Purchase

\$525 000	U.S. Treasury bills due 10/10/66.....	520 445 33
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GRADUATE HOUSING

Purchase

\$267 000	U.S. Treasury bills due 9/22/66.....	265 837 07
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MEDICAL CENTER UNION AND RESIDENCE HALL (Medical Center)

Purchase

\$564 000	U.S. Treasury bills due 10/27/66.....	557 443 50
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REVENUE BONDS OF 1963 AUXILIARY (Chicago Circle)

Purchase

\$350 000	U.S. Treasury bills due 5/31/66.....	348 900 42
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Sinking Funds

ASSEMBLY HALL

Purchase

\$150 000	U.S. Treasury 4 $\frac{7}{8}$ per cent notes due 8/15/67.....	149 625 00
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17 000	U.S. Treasury 4 $\frac{7}{8}$ per cent notes due 11/15/67.....	16 861 88
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FLORIDA AVENUE RESIDENCE HALL

Purchase

\$198 000	U.S. Treasury bills due 9/15/66.....	197 275 38
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HOUSING REVENUE BONDS

Purchase

\$843 000	U.S. Treasury bills due 9/15/66.....	839 914 86
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ILLINI UNION AND HEALTH CENTER

Exchange

\$220 000	U.S. Treasury 4 per cent notes due 8/15/66 for	
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220 000	U.S. Treasury 5 $\frac{1}{4}$ per cent CI due 8/15/67.	
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Purchase

\$ 65 000	U.S. Treasury bills due 9/15/66.....	64 756 72
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20 000	U.S. Treasury bills due 2/28/67.....	19 480 33
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90 000	U.S. Treasury 4 $\frac{7}{8}$ per cent notes due 8/15/67.....	89 775 00
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202 000	U.S. Treasury 4 $\frac{7}{8}$ per cent notes due 11/15/67.....	201 431 88
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MEN'S RESIDENCE HALLS OF 1957

Sale

\$7 000	U.S. Treasury bills due 9/15/66.....	6 983 21
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Exchange

\$9 000	U.S. Treasury 4 per cent notes due 8/15/66 for	
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9 000	U.S. Treasury 5 $\frac{1}{4}$ per cent notes due 5/15/71.	
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Purchase

\$70 000	U.S. Treasury bills due 9/15/66.....	69 784 75
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REVENUE BONDS OF 1956

Exchange

\$31 000	U.S. Treasury 4 per cent notes due 8/15/66 for	
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31 000	U.S. Treasury 5 $\frac{1}{4}$ per cent notes due 5/15/71.	
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Purchase

\$47 000	U.S. Treasury bills due 9/15/66.....	46 827 99
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STUDENT SERVICES BUILDING**Purchase**

\$42 000 U.S. Treasury bills due 9/15/66.....	\$ 41 780 85
3 000 U.S. Treasury 3¼ per cent bonds due 8/15/68.....	2 978 78

WOMEN'S RESIDENCE HALLS OF 1956**Exchange**

\$21 000 U.S. Treasury 4 per cent notes due 8/15/66 for	
21 000 U.S. Treasury 5¼ per cent notes due 5/15/71.	

Purchase

\$139 000 U.S. Treasury bills due 9/15/66.....	138 462 24
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This report was received for record.

ANTITRUST LITIGATION

(27) On October 7, 1964, suit was filed on behalf of the University in the Federal District Court in Chicago (Case No. 64C 1708) against certain manufacturers of metal library shelving who had been defendants in an earlier federal antitrust proceeding. On May 19, 1965, the Board authorized settlement with one of the defendants.

Settlement negotiations have been proceeding with certain other defendants and a settlement offer has been received from three defendants (Globe-Wernicke Industries, Inc., W. R. Ames Co., and Hamilton Manufacturing Company) in the total amount of \$32,000, representing approximately 25 per cent of the University's purchases from that group during the period in question. The offer to the University is contingent upon acceptance of similar settlement offers made by these defendants to certain state governments (including Illinois) and other educational institutions. The Vice-President and Comptroller and the Legal Counsel regard the offer in settlement as reasonable and recommend it be approved and authorized by the Board. They further recommend that the Comptroller and the Secretary be authorized to execute and deliver such documents and papers as may be necessary and desirable to effectuate the settlement.

I concur.

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

PROPOSED CONSTRUCTION OF THE OAKLEY DAM

(28) The Committee on Buildings and Grounds of the Board of Trustees of the University has given serious consideration to the proposal by the Corps of Engineers to construct a dam at Oakley sufficiently high to provide a permanent pool of water at the 636 foot level. Considerable analysis has been provided by the administration and staff. The concern throughout the discussions has been to assess the effect of this proposal on Robert Allerton Park and Allerton Farms and to measure carefully the Board's dual responsibilities to a significant area of teaching and research and to a question of broad public policy.

The University, in accepting the gift from Mr. Robert Allerton, did so with the intention of maintaining and preserving the woodland property for educational and research purposes, as well as for a public park. With this assurance of continuity, seven faculty members developed research programs in the Park. Two of these staff members have scientific data extending over twenty years. Some twenty-one courses in six different departments (and involving several hundred students) require field trips to the Park for teaching purposes. Graduate students have used the area for research projects for advanced degrees. For instance, fifteen students have earned Master of Science degrees by research in one of the twenty-year projects mentioned above.

The proposed pool will result in the flooding of approximately 600 acres of the woodland area, plus an additional 200 acres that might be flooded during periods of high water levels. Removing this acreage from the Park area will discourage any further serious interest of biologists in the Park and terminate research projects which have been based upon past studies. There is no way to replace the areas for such studies because of the lack of prior statistics.

In addition, the permanent or conservation pool may come to within two to four feet of the road surface from Monticello to the Allerton House. The road would have to be raised and rebuilt. The flood pool elevation proposed at 654 feet will place the bridge crossing the Sangamon River in Allerton Park eleven feet

under water. Some 123 acres of the Allerton Farms will have to be sold. It is possible that the out-flow of the Farms' tile drains may be affected by the new levels, which would cause additional damage to crop production. There is also a tract of approximately 150 acres which was deeded to the University and which is used as forestry area. At least 90 per cent of this tract will be covered by the new levels of the Oakley Dam and Reservoir. All of these physical alterations are items for which the University can be, and it is assumed will be, reimbursed.

At the same time, the Trustees understand the importance of improving the water supply for Decatur. They realize, also, the importance of providing additional recreational areas in Illinois. These purposes are matters of broad public concern, and public property is involved. Therefore, while the Trustees feel their responsibility to state clearly the damaging effects of the proposed construction upon the University's programs, they do not believe that they are in a position to insist that the University's special interests should prevail over the wider public interests involved. It is indeed regrettable that an engineering solution to the problem could not have been found, in order to avoid the destruction of the University's valuable educational facility at Robert Allerton Park, while at the same time providing the benefits sought for the general public.

On motion of Mr. Pogue, this report was accepted and approved as a statement of position.

REPORTS AND RECOMMENDATIONS FROM THE PRESIDENT OF THE BOARD

FUTURE BOARD MEETINGS

President Clement called attention to the dates for the next three meetings of the Board to be held: November 10, 1966, in Urbana, and December 8, 1966, and January 12, 1967, in Chicago.

FINANCE COMMITTEE

The meeting of the Finance Committee previously called for October 27, 1966, in Chicago, was changed to November 9, 1966, in Urbana.

DEGREES CONFERRED IN SEPTEMBER AND OCTOBER, 1966

The Secretary presented for record the following lists of degrees conferred on candidates at the Medical Center on September 2, 1966, and on candidates at Urbana-Champaign on October 15, 1966, in accordance with the authorization of the Board.

Summary

Degrees Conferred at Urbana-Champaign

Graduate College	
Doctor of Philosophy	219
Doctor of Education	26
Doctor of the Science of Law	1
Master of Arts	28
Master of Science	76
Master of Music	2
Master of Education	6
Master of Accounting Science	1
Master of Television	1
Master of Landscape Architecture	1
Master of Urban Planning	1
Advanced Certificate	4
<i>Total, Graduate College</i>	(366)
College of Liberal Arts and Sciences	
Bachelor of Arts	19
Bachelor of Science	9
<i>Total, College of Liberal Arts and Sciences</i>	(28)

College of Law	
Doctor of Law.....	2
College of Education	
Bachelor of Science.....	2
College of Commerce and Business Administration	
Bachelor of Science.....	8
College of Journalism and Communications	
Bachelor of Science.....	5
College of Fine and Applied Arts	
Bachelor of Fine Arts.....	2
Bachelor of Music.....	2
<i>Total, College of Fine and Applied Arts.....</i>	<i>(4)</i>
College of Physical Education	
Bachelor of Science.....	3
<i>Total, Degrees Conferred at Urbana-Champaign.....</i>	<i>418</i>
<i>Degrees Conferred at the Medical Center</i>	
College of Dentistry	
Bachelor of Science.....	64
Doctor of Dental Surgery.....	1
<i>Total, College of Dentistry.....</i>	<i>(65)</i>
College of Medicine	
Doctor of Medicine.....	8
Bachelor of Science in Medical Record Administration.....	1
<i>Total, College of Medicine.....</i>	<i>(9)</i>
College of Nursing	
Bachelor of Science.....	15
<i>Total, Degrees Conferred at the Medical Center.....</i>	<i>89</i>
<i>Total, Degrees Conferred at Urbana-Champaign and Medical Center.....</i>	<i>507</i>

Degrees Conferred at Urbana-Champaign

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

LEWIS CLIFFORD BULLER, B.S., Indiana State Teachers College, 1958; M.S., 1962
 HARLEY MACON COURTNEY, B.B.A., Lamar State College of Technology, 1955;
 M.B.A., Texas A & M University, 1961

In Aeronautical and Astronautical Engineering

VERNON PARKER ROAN, JR., B.Aero.E., M.S.E., University of Florida, 1958, 1959

In Agricultural Economics

DAVID EDWARD MACCALLUM, B.Sc.Agr., University of Sydney, 1960; M.S., 1966

In Agricultural Engineering

ROSCOE LOUIS PERSHING, B.S., Purdue University, 1962; M.S., 1964

In Agronomy

JOHN HERBERT ANTHONY BUTLER, B.Sc.(Hons.), University of Tasmania, 1959
 PAUL SYLVESTER CAIN, B.S., M.S., Cornell University, 1953, 1956
 JUAN CARDENAS-GONZALEZ, B.S., M.S., Oklahoma State University, 1961, 1963
 SURJIT SINGH MALHOTRA, B.Sc., Panjab University, 1957; M.Sc., University of
 Toronto, 1963

In Animal Science

WILLIAM LOUIS ALSMEYER, B.S., M.S., University of Florida, 1956, 1957
 DAVID WILLIAM BULLOCK, B.Sc., University of Nottingham, 1960; M.Ag.Sci., Uni-
 versity of Reading, 1962
 MIKE KELLY, B.S., A.M., University of Missouri, 1955, 1956

In Biophysics

ROBERT MALCOLM MACLEOD, B.A., Kalamazoo College, 1957; M.S., 1962

In Botany

FONTAINE REEVES, JR., B.S., M.S., Tulane University, 1961, 1963

In Business

JAMES GERALD HUNT, B.S.M.E., Michigan Technological University, 1954; A.M., 1958

DONALD LEROY PERRY, B.S., M.S., Southern Illinois University, 1959, 1960

KATIE AVERY WHITE, B.S.C., M.S., North Carolina College, 1949, 1951

In Ceramic Engineering

ROBERT EUGENE FARRIS, B.S., M.S., University of Missouri School of Mines and Metallurgy, 1955, 1961

In Chemical Physics

GERALD IRWIN KERLEY, B.S., Ohio University, 1963

In Chemistry

CHARLES TAFT BAKER, B.A., Southern Illinois University, 1961; M.S., 1964

RAMON MURRAY BARNES, B.S., Oregon State University, 1962; A.M., Columbia University, 1963

WILLIAM ARTHUR BERNETT, B.S., Iowa State University, 1959

JAMES ALAN BONHAM, B.A., Southern Illinois University, 1962

MICHAEL THOMAS BOWERS, B.S., Gonzaga University, 1962; M.S., 1964

KERMIT LEE CARRAWAY, B.S., Mississippi State University, 1962

JOSEPH CLIFFORD CATLIN, B.S., University of Arizona, 1963

FU-MING CHEN, B.S., Tunghai University, 1960; M.S., 1964

DAVID WAYNE CUSHMAN, B.A., Wabash College, 1961

JOSEPH CHARLES DECK, B.S., Duquesne University, 1960; M.S., 1964

JOE DOUGLAS DRULINER, B.S., University of Arizona, 1962; M.S., 1964

RICHARD LEROY FISHER, B.S., Juniata College, 1961; M.S., 1964

EUGENE FREDERIC FRIEDMAN, B.S., B.A., Tulane University, 1961, 1961; M.S., 1963

DAVID WEBB HERLOCKER, A.B., Knox College, 1962; M.S., 1964

PING CHEONG HUANG, Grad., Sun Yat Sen University, 1957; M.S., Kansas State College of Pittsburg, 1963

GRAHAM LEADBETTER, B.Sc., University of Alberta, 1961

HAROLD EUGENE LEMAY, JR., B.S., Pacific Lutheran University, 1962; M.S., 1964

JOHN LOUIS MIESEL, B.S., University of Notre Dame, 1962

ROBERT YE FONG NING, B.S., Rochester Institute of Technology, 1963

OLIVER SEELY, JR., B.S., California Institute of Technology, 1961; M.S., 1963

LARRY MAX SEITZ, B.S., Kansas State University, 1962; M.S., 1965

ROGER ALTON SMITH, A.B., Drew University, 1963

JOSEPH ANTHONY STANKO, B.S., King's College, 1962

GEORGE CHUNG-CHI SU, A.B., Hope College, 1962; M.S., 1964

RICHARD SCIOR TREPTOW, B.A., Blackburn College, 1962; M.S., 1964

ROBERT LAWRENCE VOLD, B.S., University of California (Berkeley), 1963; M.S., 1965

VIRGIL WAYNE WEISS, B.S., University of Texas, 1962; M.S., 1964

KENNETH CHARLES WILLIAMS, B.S., Arkansas Agricultural and Mechanical College, 1961; M.S., University of Mississippi, 1963

In Civil Engineering

PETER CHRISTIAN BIRKEMOE, B.S.C.E., M.S.C.E., Purdue University, 1961, 1962

JOHN PARKINSON CANNON, B.S., Utah State University, 1961; S.M., Massachusetts Institute of Technology, 1962

RONALD WALTER DRUCKER, B.C.E., Cooper Union, 1962; M.S., 1964

GERMAN RUBEN GURFINKEL, Ing.Civil, Universidad de la Habana, 1954; M.S., 1957

WILLIAM CHARLES GUSTAFSON, B.S., Illinois Institute of Technology, 1959; M.S., 1960

DENNIS ROY LAGERQUIST, B.S., Kansas State University, 1963; M.S., 1964

ROBERT HOCQUARD LEICESTER, B.Eng., M.Eng.Sc., University of Western Australia, 1958, 1964

- ROLF JOHAN LENSCHOW, Siviling, Technical University of Norway, 1954; M.S., 1965
 WARD ROYCE MALISCH, B.S., M.S., 1961, 1963
 DANIEL DORSEY MOSS III, B.S.C.E., Purdue University, 1949; M.S., 1960
 MOHAMED ABDEL FATTAH TALHA, B.C.E., Ain Shams University, 1953; Diploma, Cairo University, 1957; M.S., 1962
 RICHARD GEORGE VAUGHAN, B.S., M.S., University of New Mexico, 1958, 1961
 WILLIAM AUSTIN WELSH, JR., B.S., Swarthmore College, 1961; M.S., 1964
 ELMER WHITMAN WRIGHT, B.A.Sc., University of Toronto, 1944; M.S., 1962

In Communications

- JAMES DAVID HENNES, A.B., University of Washington, 1955; M.S., Boston University, 1959
 NORA CRUZ QUEBRAL, B.A., University of the Philippines, 1950; M.S., University of Wisconsin, 1957
 JOHN ALBIN REGNELL, B.S., M.S., 1950, 1957
 HENRY FRANK SCHULTE, A.B., McGill University, 1951; M.S., Columbia University, 1952
 CYRIL EDWARD ZOERNER, JR., B.S., Illinois State University at Normal, 1958

In Dairy Science

- BRUCE IRVING VELTMAN, B.S., M.S., Michigan State University, 1949; 1962

In Economics

- THOMAS MICHAEL HAVRILESKY, B.S., M.A., Pennsylvania State University, 1960, 1963
 WILLIAM LYNN HOLMES, B.S., M.S., 1963, 1964
 JOHN WESLEY ROWE, JR., B.S., 1958; M.S., 1962
 HARVEY SCHWARTZ, B.Com., M.A., University of Toronto, 1960, 1961
 ROBERT FRANCIS SHANNON, B.S., College of the Holy Cross, 1954; M.B.A., University of Detroit, 1956
 FRANKLIN BRADLEY SHERWOOD, B.A., M.A., University of Connecticut, 1957, 1959

In Education

- DONALD LESTER ANGELL, B.S., Ithaca College, 1952; M.S., University of Oregon, 1961
 ROBERT EDWARD COMLEY, B.S., M.S., State University of New York (Albany), 1955, 1957; M.S., 1963
 HUBERT MONGAMELI DYASI, B.Sc., B.Ed., M.Ed., Rhodes University, 1956, 1958, 1961
 HELEN LOUISE KUSTER FARR, A.B., Elmira College, 1944; A.M., Columbia University, 1946; Adv.Cert., 1959
 ELAYNE JOYCE KAHN, A.B., Hunter College, 1959; M.Ed., Harvard University, 1962
 ROBERT ANDREW KARABINUS, B.A., M.A., Ohio Wesleyan University, 1948, 1950
 CAROL JO METSKER, B.Ed., Washburn University of Topeka, 1956; A.M., Colorado State College, 1960
 GRAHAM ALFRED NUTHALL, B.A., M.A.hons., University of New Zealand, 1959, 1962
 BRUCE LEROY SANDBERG, B.A., Gustavus Adolphus College, 1951; M.A., Northwestern University, 1955
 WILLIAM RAY SNYDER, B.S., University of Texas, 1959; Ed.M., 1962
 ALAN LAWRENCE SOFFIN, A.B., A.M., 1952, 1953
 MARY ANN STONE, A.B., Barnard College, 1958; M.A., Columbia University, 1960
 PETER AUBREY TAYLOR, B.Sc., Dipl.Ed., B.A., M.A.(Hons.), Victoria University of Wellington, 1957, 1961, 1962, 1963
 TAM THI DANG WEI, Licen., University of Geneva, 1955; Ed.M., 1958

In Electrical Engineering

- GEORGE DEE CLARK, B.A., B.S., Rice University, 1960, 1961; M.S., University of Florida, 1962
 GRAHAM LYMAN DUFF, B.Eng., McGill University, 1961; M.S., 1963
 SIDNEY BRUCE FRANKLIN, B.S., Union College (New York), 1952; M.S., 1960
 RICHARD LAWRENCE GONZALES, B.S.E.E., M.S.E.E., Bradley University, 1960, 1963

- EDWIN BERNARD HASSLER, JR., B.S., Northwestern University, 1961; M.S., 1962
 FRANK HENNING HIELSCHER, B.S.E.E., Drexel Institute of Technology, 1961;
 M.S.E.E., University of Denver, 1963
 TAKAHIKO KAMAE, B.S., M.S., Kyoto University, 1961, 1963
 VINCENT YU-SUN LUM, B.A.Sc., University of Toronto, 1960; M.S., University of
 Washington, 1961
 RALPH ALLAN MARLETT, B.S.E.E., M.S.E.E., Carnegie Institute of Technology,
 1962, 1963
 HENRY MERKELO, B.S., M.S., 1960, 1962
 ANDREW RICHARD NEUREUTHER, B.S., M.S., 1963, 1964
 ROBERTO HILARION RAFAEL ROLDAN ALVAREZ, B.S., M.S., 1961, 1963
 GLENN HERBERT STUMPF, B.S., Pennsylvania State University, 1954; M.S., 1961
 IAN BRYCE THOMAS, B.E., B.Sc., University of Queensland, 1958, 1959; M.S., 1961
 ROBERT HARRY WILLSON, B.S., M.S., 1959, 1961
 YAO-TUNG YEN, B.S., National Taiwan University, 1959; M.S., 1963

In English

- RICHARD WELLS ALEXANDER, A.B., Emory University, 1956; A.M., Tulane Univer-
 sity, 1961
 BEN ERIC DRAKE, A.B., Antioch College, 1956; A.M., University of Michigan, 1960
 GERALD ALDINE DUFF, B.A., Lamar State College of Technology, 1961; M.A., Uni-
 versity of Arkansas, 1963
 PATRICK JOSEPH GALLACHER, A.B., A.M., University of Detroit, 1955, 1958
 CLAYTON EDWARD HUDNALL, A.B., Wheeling College, 1959; M.A., State University
 of Iowa, 1961
 DONALD WILLIAM MARKOS, B.S., Wisconsin State University (La Crosse), 1959;
 M.S., Mankato State College, 1960
 LEONARD NICK NEUFELDT, Th.B., Mennonite Brethren Bible College, 1960; A.B.,
 Waterloo University College, 1961; A.M., 1962
 WILLIAM JENNINGS POWERS, A.B., A.M., 1956, 1957
 ELLEN FRANCES SHIELDS, A.B., Chestnut Hill College, 1959; A.M., Villanova Uni-
 versity, 1962
 SISTER MARY RICHARD BOO, B.A., College of St. Scholastica, 1951; A.M., St. Louis
 University, 1960
 WILLIAM WELLINGTON ENT SLIGHTS, B.A., Amherst College, 1961; M.A., Cornell
 University, 1962
 KENNETH JAMES SPENCLEY, B.Ed., University of Toledo, 1960; A.M., 1962
 MICHAEL JOSEPH SVOB, B.S., Illinois State University at Normal, 1959; A.M., 1962
 FREDERICK BOLTON WARNER, JR., B.A., M.A., University of Arkansas, 1957, 1962;
 LL.B., University of Colorado, 1959

In Entomology

- JOHN LEROY EATON, B.S., 1962

In Finance

- WILLIAM FREDERICK LANDSEA, B.S., M.S., 1961, 1964

In Food Science

- AHMAD HUSSAYN SAKR, B.S., M.S., American University of Beirut, 1959, 1961

In French

- FRANCIS CLAUDE VALETTE, B.A., Quincy College, 1959; A.M., 1961
 HELGA MARIA WOLIN, A.B., A.M., 1959, 1959

In Geography

- DIETER ROBERT ALTSCHUL, B.A., Harpur College, 1957; A.M., 1959
 WILLIAM OWEN BALDWIN, B.S., M.A., University of Georgia, 1951, 1954
 ROBERT LUDWIG KOEPEKE, A.B., Southern Illinois University, 1958; A.M., 1961

In Geology

- JOHN ANTHONY CHERRY, B.E., University of Saskatchewan, 1962; M.S., Univer-
 sity of California (Berkeley), 1964

In German

- CHARLOTTE LANG BRANCAFORTE, B.A., Denver University, 1958

In History

- CHARLES HUGH CLARK, A.B., Wheaton College, 1953; A.M., 1954
 JAMES RAYMOND HAWKES, B.S., A.M., 1959, 1960
 GLENN OSMOND NICHOLS, A.B., Franklin and Marshall College, 1961; A.M., 1963
 THOMAS BURTON RAINY, JR., A.B., University of Florida, 1962; A.M., 1964
 PAUL LEWIS ROLEY, A.B., Illinois College, 1953; M.A., Northwestern University, 1958
 RICHARD ALLEN SWANSON, A.B., 1958; A.M., 1961

In Library Science

- DEWEY EUGENE CARROLL, A.B., University of Chattanooga, 1949; M.Lib., Emory University, 1955
 JOHN ANTHONY MCCROSSAN, B.A., M.A., University of Minnesota, 1960, 1961
 MARY ELIZABETH STILLMAN, A.B., Wilson College, 1950; M.S., Drexel Institute of Technology, 1952

In Linguistics

- JAMES MAURICE FOSTER, B.S., A.M., 1962, 1963

In Mathematics

- DAVID ERVIN BLAIR, B.S., Beloit College, 1962; M.S., 1963
 CONSTANTINE ANASTASIOS KARIOTIS, Grad., National and Capodistrian University (Greece), 1955; M.S., DePaul University, 1961
 JOHN PENN MAYBERRY, B.S., M.S., 1961, 1963
 CHARLES EDWARD MORRIS, JR., B.S., Johnson C. Smith University, 1952; M.S., 1959
 PHILIP NEWCOMB NANZETTA, B.S., North Carolina State College of Agriculture and Engineering, 1962; M.S., 1963
 KARL KENNETH NORTON, B.S., Yale University, 1959; M.S., University of Chicago, 1961
 JOHN BRADSTREET WALSH, B.S., California Institute of Technology, 1960; A.M., 1962
 RAYMOND TZU- YAU YEH, B.S., A.M., 1961, 1963

In Mechanical Engineering

- JAMES LEE LAWRENCE BAKER III, B.S., M.S., Pennsylvania State University, 1952, 1960
 KALKUNTE KRISHNA PRASAD, B.E., University of Mysore, 1954

In Metallurgical Engineering

- DENES ISTVAN BARDOS, B.S., M.S., 1962, 1963
 WILLIAM THEODORE BECKER, B.S., M.S., 1957, 1960
 GEORGE MAH, B.S., M.S., 1960, 1962
 GURUMAKONDA RAMASAMIENGAR SRINIVASAN, B.Sc., B.Sc., University of Mysore, 1954, 1956; Diploma, Indian Institute of Science (Bangalore), 1959; M.S., Colorado School of Mines, 1961

In Microbiology

- ANTHONY ROLLAND KANEY, A.B., Wabash College, 1961

In Mining Engineering

- MAHMOOD BEG MIRZA, B.Sc., University of Panjab, 1950; B.Sc., University of Leeds, 1954; M.S., 1962
 JORGE LUIS QUIROS, B.S., M.S., 1952, 1954

In Musicology

- SVEN HOSTRUP HANSELL, B.F.A., University of Pennsylvania, 1956; A.M., Harvard University, 1958

In Nuclear Engineering

- BONG TAICK KOWN, B.S., Iowa State College, 1960; M.S., 1962

In Physical Education

- DAVID ELBERT CUNDIFF, B.S., Union University, 1960; M.S., 1961
 STEPHANUS FRANCOIS DU TOIT, B.A., B.A.Honours, M.A., University of the Orange Free State, 1956, 1959, 1963

PHYLLIS JO HILL, B.S., Oklahoma College for Women, 1950; M.A., Mills College, 1952

EDWARD LEE SLONIGER, B.S., State College (Slippery Rock), 1957; M.S., 1958

In Physics

WILLIAM RUSSELL ABEL, B.S., M.S., 1962, 1964

ROBERT JAY ABRAMS, B.S., Illinois Institute of Technology, 1959; M.S., 1961

EUGENE WILLIAM BEIER, B.S., Stanford University, 1961; M.S., 1963

JAMES LEROY BOETTNER, B.S., Lafayette College, 1958; M.S., 1959

KEITH LAMAR BROWER, A.B., Hope College, 1958; M.S., University of Minnesota, 1961

RONALD FRANCIS CALDWELL, B.S., Capital University, 1960; M.S., 1962

RONALD LOUIS CAPPELLETTI, B.S., Fairfield University, 1962; M.S., 1964

MICHAEL FAIMAN, B.A., Cambridge University, 1956; M.S., 1964

NILS CONARD FERNELIUS, A.B., Harvard College, 1956; M.S., 1959

ROBERT JERRY FREIBERG, B.S., Rensselaer Polytechnic Institute, 1961; M.S., 1963

JOHN ARVY GARDNER, JR., B.A., Rice University, 1961; M.S., 1963

JOHN HOOD LOWENSTEIN, A.B., Harvard College, 1962; M.S., 1963

WESLEY NORTHEY MATHEWS, JR., B.A., Miami University, 1958; M.S., 1959

RICHARD EVANS MISCHKE, B.S., University of Tennessee, 1961; M.S., 1962

JON ROLAND NANCE, B.S., University of Missouri School of Mines and Metallurgy, 1960; M.S., 1961

ROBERT FRANCIS PIERRET, B.S., Case Institute of Technology, 1962; M.S., 1963

THOMAS CLAYTON PIPER, B.S., M.S., 1959, 1960

MARTIN RAYL, B.S., Wayne State University, 1957; S.M., University of Chicago, 1958

WILLIAM RONALD ROACH, B.E.P., Cornell University, 1961; M.S., 1963

DAVID EDWIN RUNQUIST, B.S., Pennsylvania State University, 1961; M.S., 1962

RAYMOND JOSEPH SARWINSKI, B.S., M.S., 1960, 1961

KARL DEAN SWARTZ, B.S., Case Institute of Technology, 1961; M.S., 1963

WILLIAM PETER TROWER, A.B., University of California (Berkeley), 1957; M.S., 1963

DAVID STRAND WOLLAN, A.B., Amherst College, 1959; M.S., 1961

In Physiology

MELVIN JOHN BOSMA, A.B., Calvin College, 1960

RAPHAEL PETER GRUENER, A.B., University of California (Berkeley), 1961; M.S., 1963

ANGELO CHRISTOS NOTIDES, B.A., M.A., Hunter College, 1959, 1962

JERRY ROYCE REEL, B.A., Indiana State College, 1960; M.S., 1963

KAY SAAGER STORCH, B.S., Otterbein College, 1960; M.S., 1962

JOSEPH HENRY SZURSZEWSKI, B.S., Duquesne University, 1962; M.S., 1964

In Plant Pathology

FLORENDO CORNEL QUEBRAL, B.S., M.S., University of the Philippines, 1955, 1964

In Psychology

DAVID JOHN BARKER, B.A., Hofstra College, 1962; A.M., 1965

NEIL RICHARD CARLSON, A.B., A.M., 1964, 1966

DAVID LLOYD KOHFELD, B.A., Wheaton College, 1962; A.M., 1964

JOSEPH STEPHENS LAPPIN, A.B., University of Cincinnati, 1962

MARJORIE JEAN MARTINSON MARLIN, B.S., M.S., Purdue University, 1962, 1963

JEROME DONALD MAURATH, A.B., A.M., 1959, 1963

JOSEPHINE CECILIA NAIDOO, B.S., University of the Witwatersrand, 1953; B.S. (Hon.), University of South Africa, 1959; A.M., 1961

RICHARD HENRY PRICE, B.A., Lawrence College, 1962; A.M., 1965

STEVEN HENRY SCHWARTZ, B.S., City University of New York, 1961; A.M., 1965

IRVING PHILLIP UNKEL, B.S., A.M., 1961, 1963

In Sociology

CHARLES WILLIAM DEAN, A.B., Asbury College, 1953; A.M., 1961

WARREN CLEMENT RAMSHAW, B.S., A.M., 1949, 1958

In Spanish

WILLIAM WHITNEY CRESSEY, B.A., Trinity College, 1961; A.M., 1962

In Speech

PHILLIPS RANDOLPH BIDDLE, B.S., Portland State College, 1961; A.M., 1963
 GENE HERBERT HOVEE, A.B., Northwest Nazarene College, 1951; B.D., Fuller Theological Seminary, 1954; A.M., University of Oregon, 1963
 BRUCE ARTHUR WEBER, B.A., Concordia College, 1959; M.S., Pennsylvania State University, 1961

In Theoretical and Applied Mechanics

GORDON WALTER BIGG, B.Sc., University of Alberta, 1961; M.S., 1964
 FRANK HAYES BRITAIN, B.S., University of Colorado, 1960; M.S., 1961
 WILLIAM LAWRENCE FOURNEY, B.S., M.S., West Virginia University, 1962, 1963
 WILLIAM OLGA HARTSAW, B.S.E.E., M.S.E., Purdue University, 1946, 1953
 TOM MAX MULCAHY, B.S., M.S., 1961, 1963
 WILBERT WAYNE SIESENNOP, B.S., University of Missouri School of Mines and Metallurgy, 1961; M.S., 1963
 WILLIAM ALAN VAN DER SLUYS, B.S., Michigan College of Mining and Technology, 1961; M.S., 1963

In Veterinary Medical Science

RICHARD DAVID ANDREWS, A.B., Kearney State College, 1958; M.S., Iowa State University of Science and Technology, 1960
 JEROME LEROY MAHRT, B.S., M.S., Utah State University of Agricultural and Applied Science, 1960, 1963
 PREM PRAKASH, B.Sc., B.V.Sc. & A.H., M.V.Sc., Agra University, 1952, 1957, 1960; M.S., 1964
 HARRY AARON REYNOLDS, JR., A.B., Gettysburg College, 1952; V.M.D., University of Pennsylvania, 1956; M.S., 1963

In Zoology

NORMA JEAN JOHNSON, B.A., Northland College, 1957; M.S., Marquette University, 1960

Degree of Doctor of Education*In Education*

ERNEST FRANCIS ANDERSON, B.S., M.S., University of Tennessee, 1953, 1956
 FERRIS KEITH AUGER, B.S., Wisconsin State College, 1960; Ed.M., 1961
 THOMAS ELIOT BENNER, JR., B.S., Ed.M., 1950, 1954
 RICHARD DOYLE BIBERSTINE, B.S., Th.B., Olivet Nazarene College, 1952, 1954; B.D., Nazarene Theological Seminary, 1957; Ed.M., 1960
 GEORGE EDMUND BREHMAN, JR., B.S., M.S., Pennsylvania State University, 1950, 1952
 BRUCE DIXON CHENEY, B.S., Iowa State University of Science and Technology, 1954; M.S., University of Wisconsin, 1958
 DONALD ROGER DRAAYER, B.S., University of Minnesota, 1957; M.A., Western Michigan University, 1960
 PETER THOMAS GLOFKA, B.S., Pennsylvania State College (Mansfield), 1951; M.S., Saint Bonaventure University, 1960
 ROBERT EUGENE GRIFFIN, B.A., M.A., Michigan State University, 1955, 1956
 GLENN WARREN HAYES, B.S., Ed.M., 1961, 1963
 PHILIP ROBERT JONES, B.S., Illinois State University, 1956; Ed.M., 1961
 GERALD MILTON KNOWLES, B.S., A.M., Arizona State College, 1957, 1960
 FREDERICK ASHCROFT MACKINNON, B.A., B.Ed., M.Ed., University of Saskatchewan, 1932, 1945, 1950
 GREGORY PITTMAN MALTBY, B.S., M.S., Illinois State University at Normal, 1955, 1956
 FREDERICK ALEXANDER RODGERS, B.S., Fayetteville State College (North Carolina), 1960; Ed.M., 1962
 RICHARD KENNETH SCHWARTZ, A.B., William Jewell College, 1959; Ed.M., 1960
 VIRGINIA FAYE SHAFFER, B.S., Shurtleff College, 1950; M.A.Ed., Washington University, 1956
 JOHN ELMER TERWILLIGER, B.S., Ed.M., 1958, 1960

CARL ERIC THORNBLAD, B.S., M.S., Western Illinois University, 1955, 1960
 MARGARET GOEWY WEISER, B.S., Rutgers, The State University, 1943; M.S., Florida State University, 1959
 WILLIAM CHARLES WELLNER, A.B., Central College, 1950; M.A., State University of Iowa, 1957
 MARY FRANCIS YEAZELL, B.S., M.S., Southern Illinois University, 1953, 1955

In Music Education

JAMES MILTON BRINKMAN, B.S., Quincy College, 1957; M.S., 1960
 WILLIAM LEE JOHNSTON, B.S., Illinois State Normal University, 1946; M.S., 1948
 GRANT HOWARD NEWMAN, B.F.A., University of South Dakota, 1954; M.S., 1959
 ROBERT KARL WEBB, B.S., 1950; M.A., Northeast Missouri State Teachers College, 1955

Degree of Doctor of the Science of Law

DAN BYRON DOBBS, A.B., LL.B., University of Arkansas, 1956, 1956; LL.M., 1961

Degree of Master of Arts

In Art History

JAMES WILLIAM JORDAN, B.F.A., University of Texas, 1963; M.F.A., 1965

In Comparative Literature

APRIL IRENE APPELQUIST, A.B., 1963

In Economics

EDWARD MARTIN DI CICCIO, A.B., Northeastern University, 1960

In Education

THOMAS NELSON, B.A., Trenton State College, 1965

In History

HOMER HARRISON BLASS, B.A., University of Tulsa, 1962
 MICHAEL LAWRENCE DOCKRILL, B.Sc., University of London, 1961
 ROY EDWARD EKLAND, B.A., Reed College, 1965

In Home Economics

LAUREL RHEA SCHIFFER, A.B., 1965

In Labor and Industrial Relations

JAMES ROBERT BAVIS, A.B., Oberlin College, 1962
 MICHAEL CANNON STEWARD, B.A., Southern Illinois University, 1965

In Linguistics

CARL LEROY BAKER, A.B., Harvard College, 1961
 DOROTHY JEAN JAMES, B.S.Ed., Illinois State University, 1954
 MARTIN ALLEN MINOW, A.B., 1962

In Mathematics

MARTHA MARSH MCJUNKIN, B.A., Northwestern University, 1964
 THEODORE ROOSEVELT PORTIS, B.S., Alabama State College, 1955; M.S., 1960
 REBECCA LOU TUCKER, A.B., Kansas State University of Agriculture and Applied Science, 1964

In Philosophy

STEPHEN ALLAN PARRETT, B.S., 1964

In Political Science

SONDRA KAY FEAR, B.S., Eastern Illinois University, 1964
 ARTHUR ELLIOTT HARRISON, A.B., 1964
 JOAN ELAINE KERNS, A.B., Wheaton College (Illinois), 1961

In Psychology

HOWARD JOHN BIRKY, A.B., Bethel College (Kansas), 1963
 SANTOSH JUNEJA HAIDER, B.A., M.A., University of Baroda, 1958, 1960

ELLEN NANCY LITT, A.B., Cornell University, 1964
 SANDRA SERENA SMILEY, A.B., Whittier College, 1964
 PATRICK ALAN TYLER, B.A. (Honours), University of London, 1962

In Russian

ROXOLANA MARIA BURACZYNSKA, A.B., 1964
 JACK ARTHUR SCHILLINGER, A.B., Monmouth College, 1963

In Speech

MICHAEL HARRY MOTTLE, B.A., Columbia Union College, 1962

Degree of Master of Science

In Accountancy

JOHN KARL DICKASON, B.B.A., University of Cincinnati, 1958

In Advertising

RICHARD DANIEL ARROYO, B.S., Eastern Illinois University, 1964
 DAVID SHELDON BARENBERG, B.A., Western Michigan University, 1965
 IAN CURTIS BOWERS, B.S., 1965
 ALLEN JOSEPH LARSON, B.S., 1961
 PATRICIA ROE MORTON, B.S., 1965
 JOHN WILLIAM SCOTT, JR., A.B.J., University of Georgia, 1964

In Aeronautical and Astronautical Engineering

THOMAS EWING EDWARDS, B.S., Mississippi State University, 1964
 GARY LEE VIETH, B.S., 1965

In Agricultural Economics

RICHARD ARTHUR BENSON, B.S., 1965
 THOMAS LARRY COLTMAN, B.Sc., Ohio State University, 1965
 ALLEN GLEN SMITH, B.S., 1943
 DONALD RAY SMUCKER, B.S., 1965

In Agricultural Engineering

JOHN WILLIAM LITHERLAND, B.S., 1965
 ARDEN OSCAR WEISS, B.S., 1961

In Agronomy

CHUSAK CHAVENGSAKSONGKRAM, B.S., North Carolina State College of Agriculture and Engineering, 1961
 KENNETH CLARENCE WREDE, B.S., 1964

In Astronomy

JAMES PATRICK MCGUIRE, B.S., University of Wisconsin, 1962

In Chemical Engineering

LESLIE MITCHELL BLAIR, B.S., Pennsylvania State University, 1964
 JOHN RICHARD KRASKA, B.S., University of Minnesota, 1964
 DONALD THAL SMITH, B.S.Ch.E., Purdue University, 1964

In Chemistry

SUSAN KENWORTHY SMITH, A.B., Drew University, 1963

In Civil Engineering

PETER CLAUS KOHNKE, B.S.C.E., Purdue University, 1963
 ROBERT JOSEPH ZACK, B.S.C.E., Ohio University, 1964

In Dairy Science

JOSEPH PAUL HEGMANN, B.S., 1962
 JOHN MORRIS WEAVER, B.S., New Mexico State University, 1965

In Electrical Engineering

LARRY CARL ALLEN, B.E.S., Brigham Young University, 1965
 LALIT RAI BAHL, B.Tech.(Hons.), Indian Institute of Technology (Kharagpur), 1964

BRUCE WATTS BEVAN, B.S., University of Idaho, 1965
 ERNEST BRUCE BOGUSCH, B.S., 1965
 DENNIS ALAN CHRISTENSON, B.S.E.E., Iowa State University of Science and Technology, 1965
 FRED HOWARD HARRIS, B.S., Northwestern University, 1965
 DAVID GORDON MEDILL, B.S., University of Arizona, 1965
 GEORGE EMORY PERRINE, B.S., University of Akron, 1965
 RICHARD ALLEN RUNQUIST, B.S.(E.E.), B.S.(M.E.), 1965, 1965
 JOHN PETER SALCIUS, B.S., 1966
 LAVERNE ARTHUR SCHLIE, B.S., 1965
 RAYMOND WILLIAM STOLTEY, JR., B.S., 1965
 ROGER WALTER UHLHORN, B.S., 1965
 DOUGLAS KENNETH WAINEO, B.S.E.E., Wayne State University, 1964

In Finance

JAMES GUNNAR ROSELAND, B.S., St. Joseph's College, 1965

In Food Science

MICHAEL GRAHAM JOHNSON, B.S., 1964

In Geology

JAMES EDWIN SOUTER, B.S., Southern State College, 1960

In Home Economics

MARIAN LOUISE BUCH, B.S., 1965

ELIZABETH MARIE SCHMITT, B.S., Framingham State College, 1955

In Horticulture

STANLEY WAYNE BINNIE, B.S., 1965

JAMES DELBERT FISHER, B.S., Ohio State University, 1964

In Library Science

JOHN WILLIAM BEECHER, B.S., 1964

MARTHA JO MARR PRING, B.S., Southwest Missouri State College, 1960

In Management

RALPH WALDO CALLENDER, A.B., Syracuse University, 1930

In Marketing

SAMUEL MABRY GILLESPIE, B.S., 1956

In Mathematics

TAPAS MAZUMDAR, M.S., University of Calcutta, 1957; Diploma, Imperial College of Science and Technology, 1963

ROBERT REA PILLING, B.S., California Institute of Technology, 1949; University of Southern California, 1952

In Mechanical Engineering

THOMAS WAYNE DEGENHART, B.S., 1964

LARRY DOUGLAS HOWLETT, B.S., 1965

In Metallurgical Engineering

JOHN MICHAEL BEDINGER, B.S.Met.E., Purdue University, 1965

EDWARD JOHN EFSIC II, B.S., 1964

In Music Education

VALERIE JUNE DVORAK, B.M.E., Valparaiso University, 1964

In Physical Education

JURI VRZESNEVSKI DANIEL, B.P.H.E., B.A., University of Toronto, 1954, 1958

LINDA BALTZELL CUNDIFF, B.S., Union University, 1961

WILLIAM ARAM KACHADORIAN, B.S., Springfield College, 1965

WILLIAM PODOLL, JR., B.S., Youngstown University, 1960

In Physics

MERLYN PAUL AUSTIN, B.S., University of Wisconsin, 1964

In Physiology

WINFRED DONALD MAGEE, B.S., Tougaloo College, 1960

PETER MICHAEL SPOONER, B.S., Bates College, 1964

In Plant Pathology

BRUCE LAWRENCE JOHNSON, B.S., 1964

In Radio and Television

JUNETTA BLYTHE KEMP GILLESPIE, A.B., Stanford University, 1952

SEONAI D WALTERS LAMB, B.A., University of Bristol, 1962; Dipl., University of Oxford, 1964

In the Teaching of Mathematics

WILLIAM CLARENCE ANDERSON, B.S., Northern Illinois University, 1962

HORACE SMITH, B.S., Mississippi Valley State College, 1961

In the Teaching of Physical Science

CECIL HENRY GRIFFITH, B.S., Eastern Illinois University, 1957

In Theoretical and Applied Mechanics

MOHAMMED HASSAN MOSTAFAVI REJALI, B.S., 1965

In Zoology

CAROL-ANN MANEN, A.B., Gettysburg College, 1964

MARIA CONSOLACION ROSALES RONQUILLO, B.S., University of the Philippines, 1950

MARGARET ESTERLY SCHELLING, B.S., 1964

ELISABETH ANN SMITH, A.B., Swarthmore College, 1964

Degree of Master of Music

JOHN ALLYN HOVERLAND, Mus.B., Oberlin College, 1965

WILLIAM RUSSELL SKIDMORE, B.Mus., 1963

Degree of Master of Education

GRACE GOULD BRANDT, A.B., Scripps College, 1962; A.M., 1965

NATHAN LOUIS COHEN, A.B., Brooklyn College, 1942

CARL THOMAS DESCH, B.S., Illinois State University, 1959

KATIEDELORIS WILLIAMS HARRISON, B.S., Tougaloo Southern Christian College, 1955

MARCIA ANN HEDIGER, A.B., A.M., 1959, 1961

HARRY LINCOLN MCGURK, B.S., Rose Polytechnic Institute, 1934

Degree of Master of Accounting Science

KARL FREDERICK SKOUSEN, B.S., Brigham Young University, 1965

Degree of Master of Television

PETER WATERMAN DUNCAN, B.A., Pennsylvania State University, 1960

Degree of Master of Landscape Architecture

JAMES WALTER POLLOCK, B.S., Pennsylvania State University, 1965

Degree of Master of Urban Planning

ROBERT LAWRENCE WEAVER, B.S., Northern Illinois University, 1962

Advanced Certificate*In Education*

MYRTL HOLLY DINGLEY HARADON, B.S., Drake University, 1953; Ed.M., 1958

RICHARD MORGAN LOWE, B.S., M.S., 1948, 1951

ROLLO DONN LUELL, B.S., University of Wisconsin, 1952; M.S.Ed., Wenona State College, 1964

EVELYN PEAVY, A.B., University of Kentucky, 1947; M.A., University of Chicago, 1949

COLLEGE OF LIBERAL ARTS AND SCIENCES**Degree of Bachelor of Arts***In Liberal Arts and Sciences*

ANDRA LESLEY ADDIS
 REGINA CONSTANCE FOG
 JEFFREY ALLAN GREENBERG
 MARLENE GREENBERG
 RICHARD IAN HABER
 ALAN ROBERT KASSIN
 NANCY CHARLENE MARLEY
 SUSAN DALE PENN

ROSEMARY ELIZABETH PETERNEL
 SANDRA ALICE PLACZEK
 JAMES BRUNO RISATTI, JR.
 DIANE SHIRLEE RZESZEWSKI
 ROBERT IRA WERTHEIMER
 SHARON ALOMA ZOGAS
 RICHARD ALGIE ZOLYNAS

In the Teaching of English

NANCY JEAN GADY
 ESTHER LIBBY GARTENKRAUT

CHRISTINE LOUISE JOHNSON

Degree of Bachelor of Science*In Liberal Arts and Sciences*

JOHN JAMES DELIMATA
 WILLIAM JOSEPH FEINBERG
 STEVEN LEE HEIMBURGER
 THEODORE MICHAEL HENDERSON

VICTORIA ANNE MEYERS
 ROBERT FRANKLIN PRICE
 STEPHEN WAYNE SAMET
 PATRICIA ANN WEAVER

In the Teaching of the Biological Sciences and General Science

JOAN MARGARET HANLON

COLLEGE OF LAW**Degree of Doctor of Law**

FREDERICK LEE BLANFORD, A.B., 1963
 GARY NORBERT HOUDEK, B.S., Northwestern University, 1963

COLLEGE OF EDUCATION**Degree of Bachelor of Science***In Elementary Education*

FRANCES PAULSELL DEROUSSE

KAREN GRAVER, Honors

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Accountancy*

ROGER DENNIS HAASE
 THOMAS WILLIAM LARKIN

THOMAS DALE RICHTER

In Finance

STEPHEN ANTHONY PYHRR

In Industrial Administration

GORDON LEE SHANKLAND

STEPHEN EDWARD THIEMS

In Marketing

RONALD JOHN BECKLEY

DONALD ROBERT MURPHY

COLLEGE OF JOURNALISM AND COMMUNICATIONS**Degree of Bachelor of Science***In Communications*

NANCY CAROL HOWALD
 KAREN SCHIEN MAY
 SARAILOU MCMURRY

JOSEPH PAUL THIEL
 JANET KATHLEEN WAGNER

COLLEGE OF FINE AND APPLIED ARTS**Degree of Bachelor of Fine Arts***In Industrial Design*

BERTIL THEODORE JOHNSON

WILLIAM EUGENE STUMPF

Degree of Bachelor of MusicDAVID HENRY CORRELL,
Highest Honors

WILLIAM ROBERT GERBER

COLLEGE OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Physical Education*RICHARD MICHAEL LEHMANN,
Honors

GLEN R. TRUGILLO

In Recreation

ALAN THOMAS SCHRAMM

*Degrees Conferred at the Medical Center***COLLEGE OF DENTISTRY****Degree of Bachelor of Science in Dentistry**STEPHEN WOOD ALBERS
LEONARD EUGENE BEARE, JR.
FREDERICK DOUGLAS BEGEMAN
CHRISTIAN SVEN BERDY
JAMES BYRON BERKE
RONALD CARL BERQUIST
PAUL ROBERT BJORK
BRUCE PROCTOR BUCHANAN
DAVID ROBINSON BULLEN
RICHARD AARON CARLSON
LAWRENCE HOWARD COOPER
ALAN CARL ECKMAN
ROBERT ALVIN FAESSEL
RICHARD ELDRIDGE FRANCIS
DANIEL MICHAEL GIBBONS
JONATHAN GRANT HANSON
TERRY BURNELL HENERT
HAROLD ISENBERG
STEVEN CARTER IVES
PHILIP BRUNO JALOWIEC
JOHN ALLEN JANICKE
DENNIS LEE JOHNSON
KENNETH KASAI
DAVID ERWIN KEEKER
CHARLES ADAIR KOONZ,
High Honors
ARTHUR RAY KREMER
DARMON DOYLE KUNTZ
ANDA FARIDA LEGZDINS
SALVATOR PATRICK LIBERATI
STEPHEN EDWARD LINE
ARTHUR MAYER MARCUS
WAYNE WILLIAM MASONPETER PAUL MENCONI
GENE ELIOTT MENDELSON
ALLEN JACK MOSES
ELLIS JAY NEIBURGER
HOWARD EDWIN NELSON
RICHARD CLARENCE NELSON
GAYLORD DON NOREN
RICHARD WALTER OLSEN
RODNEY DUNCAN OWENS
THOMAS EDWARD PARRY
RICHARD THOMAS PERRY
RONALD GORDON PIROK
JOHN THOMAS POLACK
ROBERT JOHN RIGGS
GEORGE ROBERT RIVIERE
DANIEL MILTON SALZER
STUART SOLOMON SANDERS
JULIAN GEORGE SCHLESINGER
JACK ALVIN SHANNON
DAVID MICHAEL SILBERMAN
NATHAN MORRIS SIROTA
THOMAS JAMES SKIBA
PHILLIP PAUL SUKEL
DENNIS PATRICK SWEENEY
RUSSELL PAUL UMBRICHT
DAVID FLOYD VAN ANROOY
LIONEL AUBREY WAISMAN
LANNY RICHARD WALKER
DANIEL JOSEPH WIATR
RICHARD RALPH WOHRLE
CHARLES ARTHUR WOERZ
GEORGE RAYMOND ZAGE, JR.**Degree of Doctor of Dental Surgery**

DONALD EDWARD ISSELHARD

COLLEGE OF MEDICINE

Degree of Doctor of Medicine

MILTON JAMES COX
 NAHUM JOHANAN DUKER
 THOMAS PAUL FOERSTER
 IRWIN LAWRENCE GOLDEN

WILLIAM ANDREW GOODFELLOW
 MURRAY JOEL KRELSTEIN
 STEPHEN ISTVAN SIPOS
 GARY FRANK VELAT

SCHOOL OF ASSOCIATED MEDICAL SCIENCES

Degree of Bachelor of Science in Medical Record Administration

CAROL ONISKA LYONS

COLLEGE OF NURSING

Degree of Bachelor of Science in Nursing

BARBARA LYNNE BARTEL
 SALLY JEANETTE BROSZ
 RITA BOUTCHY JONES DIGGS
 KAREN LOUISE EARNEST, Honors
 MAUREEN LOU FRANK
 SANDRA LEE DAHLBERG GOA
 PAULINE JOYCE NELSON
 MELODIE ANN OLSON

MARY LYNNE PARSONS PERSCHKE
 MARY LOU PFLUM
 LUCILLE GERTRUDE PULCIANI
 BETTY LOU STUEBE
 LOIS MAE SWEARINGEN
 MONNA RUTH THOMPSON
 NANCY JOANNE WILSON

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations, declinations, and cancellations; leaves of absence; cancellation of leave of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was approved by the President of the University. C = College; S = Station; E = Extension.)

- ABEL, WILLIAM R., Research Associate in Physics (C) (Urbana), one year from September 1, 1966, \$8,500 (9-1-66).
- AKCASU, ALAEDDIN, Visiting Professor of Pharmacology, College of Medicine, one year from September 1, 1966, \$12,500 (9-10-66).
- ALBRECHT, RONALD F., Assistant Professor of Anesthesiology, Department of Surgery, College of Medicine, $\frac{7}{10}$ time, one year from September 1, 1966, \$12,500 (8-24-66).
- ALLEN, JOHN W., Research Associate in the Bureau of Economic and Business Research (Urbana), one year from September 1, 1966, \$11,000 (9-14-66).
- ALLHANDS, JESSIE, Instructor in Mathematics (Urbana), academic year 1966-67, \$6,000 (8-30-66).
- ARDIS, MARK B., Consultant, with rank of Assistant Professor, in Psychology (Urbana), academic year 1966-67, without salary (9-10-66).
- ARLT, PHYLLIS, Instructor in Speech (Urbana), one year from September 1, 1966, \$9,700, supersedes (9-8-66).
- ARONSON, JOAB K., Assistant Professor of Chemistry (Chicago Circle), $\frac{2}{3}$ time, academic year 1966-67, \$4,900, supersedes (9-8-66).
- ASHENFELTER, JOHN W., Specialist in Education, in University High School (Urbana), academic year 1966-67, \$7,500 (9-20-66).
- BAGDALE, ALLEN D., Instructor in Pedodontics, College of Dentistry, $\frac{2}{5}$ time, one year from September 1, 1966, \$3,600, supersedes (7-5-66).
- BAIN, WILLIAM H., Instructor in Educational Administration, College of Education (Urbana), one year from September 1, 1966, \$9,200 (8-30-66).
- BAITTE, BRAHM, Clinical Assistant Professor of Psychiatry, College of Medicine, $\frac{1}{4}$ time, one year from September 1, 1966, \$3,700 (8-11-66).
- BARNDT, MIRIAM W., Instructor in Music (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,300 (9-19-66).
- BEDNARSKI, THEODORE M., Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$7,000 (9-10-66).

- BENSON, EDMUND W., Research Associate in Chemistry (Urbana), eleven months from October 1, 1966, \$6,600 a year, supersedes (9-20-66).
- BERG, CHARLES R., Assistant Professor of Dentistry and of Operative Dentistry, College of Dentistry, $\frac{4}{5}$ time, one year from September 1, 1966, \$8,600 (7-12-66).
- BEWLEY, LOIS M., Research Associate in the Library Research Center, Graduate School of Library Science (Urbana), one year from September 1, 1966, \$8,000 (8-4-66).
- BHASKARAN, MEEMPAT, Instructor in Mathematics (Urbana), academic year 1966-67, \$7,600 (8-24-66).
- BHATTACHARYA, ASHOK K., Research Associate in Electrical Engineering (Urbana), one year from September 1, 1966, \$7,800 (9-12-66).
- BINKLEY, STEPHEN B., Professor of Biochemistry, indefinite tenure from September 1, 1966, \$22,100; and Acting Head of the Department of Biochemistry, $\frac{1}{2}$ time, September 1, 1966, until further notice, \$600 a year additional; on leave of absence one-half time for one year from September 1, 1966, without pay (Medical Center), supersedes (8-26-66).
- BISHOP, DAVID H. L., Research Associate in Microbiology (Urbana), one year from September 1, 1966, \$7,500 (9-10-66).
- BISHOP, DOYLE W., Instructor in Recreation, $\frac{2}{3}$ time, \$5,000, and Instructor in Psychology, $\frac{1}{3}$ time, \$2,500 (Urbana), academic year 1966-67, total salary \$7,500, supersedes (9-19-66).
- BLEDSTEIN, BURTON J., Instructor in History (Chicago Circle), Winter and Spring quarters, 1967, \$9,000 a year (8-23-66).
- BLISS, LAWRENCE C., Professor of Botany (Urbana), indefinite tenure from September 1, 1966, \$14,100, supersedes (8-17-66).
- BLUE, H. DARRELL, Instructor in Radio and Television, College of Journalism and Communications (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,550 (8-12-66).
- BOHANNAN, MRS. LAURA, Associate Professor of Anthropology (Chicago Circle), academic year 1966-67, \$11,300, supersedes (9-10-66).
- BOTIAN, ALEXEY, Instructor in Fixed Partial Prosthodontics, College of Dentistry, one year from September 1, 1966, \$7,500 (9-16-66).
- BRAIDS, OLIN C., Research Associate in Soil Chemistry, Department of Agronomy (S) (Urbana), September 16, 1966-August 31, 1967, \$8,000 a year (8-29-66).
- BRANDABUR, AGNES, Instructor in English (Urbana), $\frac{2}{3}$ time, \$4,500, and Instructor in the Classics, $\frac{1}{3}$ time, \$2,250, academic year 1966-67, total salary \$6,750 (9-19-66).
- BRANDT, GARY W., Instructor in Veterinary Clinical Medicine (Urbana), $\frac{2}{3}$ time, one year from September 1, 1966, \$6,750 (8-4-66).
- BRENTRO, LARRY, Assistant Professor of Special Education (Urbana), \$9,250, and in the Institute for Research on Exceptional Children, without salary, academic year 1966-67 (6-1-66).
- BROOKS, MARGO C., Instructor in Speech (Urbana), academic year 1966-67, \$6,000 (8-26-66).
- BROOKS, ROBERT D., Assistant Professor of Speech (Urbana), academic year 1966-67, \$9,300, supersedes (8-5-66).
- BROWER, CAROLYN J., Research Associate in Home Economics (C and S) (Urbana), $\frac{3}{4}$ time, Semester I 1966-67, \$2,250 (8-17-66).
- BROWN, RICHARD D., Instructor in Vocational and Technical Education (Urbana), $\frac{1}{4}$ time, academic year 1966-67, \$1,750 (9-10-66).
- BRYANT, ROBERT E., Assistant Professor of Dentistry, $\frac{9}{10}$ time, three months from September 16, 1966, \$9,360 a year, supersedes for the period only (8-11-66).
- BUNGE, CHARLES A., Research Associate in the Library Research Center, Graduate School of Library Science (Urbana), one year from September 1, 1966, \$7,800, supersedes (8-4-66).
- BUNGE, JOANNE C., Microanalyst in Chemistry (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$2,825 (8-8-66).
- BURCH, RICHARD D., Assistant Security Officer (Urbana), October 1, 1966-August 31, 1967, \$10,500 a year (9-15-66).
- BYRNE, ARCHIBALD J., Instructor in English (Chicago Circle), academic year 1966-67, \$8,400 (9-10-66).
- CALDWELL, CHARLEEN C., Program and Counseling Director, Union and Housing Division (Medical Center), one year from September 1, 1966, \$9,200, supersedes nonacademic appointment (8-24-66).

- CARLIN, JAMES W., Instructor in Electrical Engineering (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$4,000, supersedes (8-31-66).
- CARPENTER, MARGARET A., Assistant Professor of English (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$5,600 (8-23-66).
- CARSS, BRIAN W., Research Assistant Professor of Secondary and Continuing Education (Urbana), one year from September 1, 1966, \$13,250 (9-1-66).
- CASE, ROBERT L., Instructor in Physical Education for Men (Urbana), $\frac{3}{4}$ time, academic year 1966-67, \$4,950, supersedes (8-8-66).
- CHURCHWELL, CHARLES D., Assistant Circulation Librarian, with rank of Assistant Professor, in the Library (Urbana), one year from September 1, 1966, \$10,500, supersedes (8-24-66).
- COHEN, CLAUDE, Instructor in Systems Engineering and in the Computer Program (Chicago Circle), $\frac{2}{3}$ time, academic year 1966-67, \$4,000 (7-26-66).
- CONWAY, ANNE, Instructor in Anatomy, College of Medicine, academic year 1966-67, \$8,600, supersedes (9-1-66).
- COON, RICHARD F., Research Associate in Civil Engineering (Urbana), academic year 1966-67, \$6,300 (9-14-66).
- COPPLESON, MRS. JOAN, Instructor in History (Chicago Circle), academic year 1966-67, \$6,000 (9-10-66).
- CORONEOS, PAUL P., Assistant Commandant, $\frac{1}{10}$ time, July 1, 1966-August 31, 1967, \$600, and Assistant Professor of Military Science (Urbana), without salary, supersedes (7-26-66).
- CRANE, ROBERT M., Staff Associate in the Office of the Chancellor at Chicago Circle, $\frac{1}{2}$ time, one year from September 1, 1966, \$7,850, and Associate Professor of Education (Chicago Circle), $\frac{1}{2}$ time, indefinite tenure from September 1, 1966, \$7,850; total salary, \$15,700; supersedes (8-24-66).
- CRAWFORD, JAMES E., Assistant to Chief of Party and Adviser in Student Affairs at the Njala University College, Njala, Sierra Leone, under Contract USAID/Afr-293, for two years from August 20, 1966, \$9,900 a year (8-23-66).
- DAVIS, SAMUEL C., Assistant Dean of Men (Urbana), one year from September 1, 1966, \$7,500 (9-10-66).
- DAYTON, DANIEL F., Horticulture Consultant, Uttar Pradesh Agricultural University, Pant Nagar, India, for service under Contract USAID/nesa-150, from September 10, 1966, through October 28, 1966, \$15,400 a year; and Professor of Plant Breeding, Department of Horticulture, College of Agriculture and Agricultural Experiment Station, indefinite tenure from October 29, 1966, \$14,000 a year, supersedes (9-8-66).
- DE FRANCISCO ZEA, CARLOS, Instructor in German (Chicago Circle) $\frac{2}{3}$ time, academic year 1966-67, \$4,700 (9-8-66).
- DICKERMAN, MRS. LOIS H., Instructor in Biological Sciences (Chicago Circle), academic year 1966-67, \$5,450 (9-10-66).
- DI LIBERTO, MENNO, Instructor in Vocational and Technical Education (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,500 (9-19-66).
- DOCTOR, RONALD, Instructor in Educational Psychology, College of Education (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,500 (9-20-66).
- EISENBERG, ROBERT C., Research Associate in Dairy Science (S) (Urbana), one year from September 1, 1966, \$7,000 (8-29-66).
- ELLIS, MICHAEL J., Research Associate in Recreation and Municipal Park Administration and in Physical Education for Men, College of Physical Education (Urbana), nine months from September 1, 1966, without salary (8-31-66).
- ELLISTON, MICHAEL J., Lecturer in Art (Chicago), academic year 1966-67, \$7,000 (9-10-66).
- ENGLISH, LESTER L., Professor of Agricultural Entomology (Urbana), one year from September 1, 1966, without salary (7-6-66). (Dr. English is employed as an Entomologist at the Illinois Natural History Survey.)
- ERAUT, MICHAEL R., Visiting Assistant Professor of Special Education Project for Disadvantaged Students (Chicago Circle), nine months from September 16, 1966, \$9,000 (9-10-66).
- EYDE, DAVID B., Instructor in Anthropology (Urbana), academic year 1966-67, \$9,500 (7-19-66).
- FAGAN, JAMES E., Instructor in Art (Urbana), academic year 1966-67, \$7,000 (9-10-66).
- FARDY, PAUL S., Instructor in Physical Education for Men (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$3,618 (7-22-66).

- FIDEL, KENNETH, Instructor in Sociology (Chicago Circle), academic year 1966-67, \$8,600 (6-23-66).
- FLAHERTY, BERNARD J., Research Engineering in Electrical Engineering (C) (Urbana), one year from September 1, 1966, \$9,000 (9-19-66).
- FLANIGAN, THOMAS E., Instructor in Physical Education for Men, College of Physical Education (Urbana), $\frac{3}{4}$ time, \$4,050, and Instructor in Educational Placement, College of Education, $\frac{1}{4}$ time, \$1,350, academic year 1966-67, total salary \$5,400 (9-2-66).
- FODA, YEHIA HASSEN, Research Associate in Horticulture (Urbana), two months from July 1, 1966, \$1,100 (9-10-66).
- FOLSOM, ANGELA T., Consultant, with rank of Assistant Professor, in Psychology (Urbana), academic year 1966-67, without salary (9-10-66).
- FOREMAN, RONALD, Instructor in Pharmacy, College of Pharmacy, $\frac{3}{4}$ time, academic year 1966-67, \$5,350 (9-1-66).
- GAIN, BRIAN, Instructor in Theoretical and Applied Mechanics, Urbana, $\frac{1}{2}$ time, academic year 1966-67, \$2,900 (9-13-66).
- GANS, BENJAMIN, Assistant Professor of Oral and Maxillofacial Surgery, College of Dentistry, $\frac{2}{5}$ time, \$4,600, and Clinical Assistant Professor in the Department of Surgery, College of Medicine, without salary, one year from September 1, 1966 (8-23-66).
- GARDNER, DAVID M., Instructor in Marketing (Urbana), academic year 1966-67, \$10,000, supersedes (9-1-66).
- GEDO, JOHN E., Clinical Assistant Professor of Psychiatry, College of Medicine, $\frac{1}{4}$ time, one month from September 1, 1966, \$4,000 a year, and $\frac{35}{100}$ time, eleven months from October 1, 1966, \$6,000 a year, supersedes (8-23-66).
- GEIS, MICHAEL L., Instructor in Linguistics (Urbana), academic year 1966-67, \$8,600 (8-30-66).
- GEORGE, MARGARET Y., Director, NDEA Summer Institute, Department of History (Chicago Circle), June 16-August 31, 1966, \$2,400 (9-1-66).
- GEORGIOULIS, EVANGELOS A., Instructor in Medicine, College of Medicine, $\frac{1}{2}$ time, one year from September 1, 1966, \$6,250, supersedes (8-24-66).
- GILES, GEORGE C., JR., Assistant Professor of Education (Chicago Circle), and Director of Illinois Board of Higher Education Title I Teacher Education Project, ten months from September 1, 1966, \$9,500, supersedes (9-10-66).
- GNIESLAW, IDA, Instructor in Nursing, College of Nursing, academic year 1966-67, \$7,000 (8-23-66).
- GOBBEL, GERTRUDE G., Instructor in Child Development, Department of Home Economics (C) (Urbana), academic year 1966-67, \$7,200, supersedes (8-23-66).
- GREEN, ROGER J., Research Associate in the Bureau of Economic and Business Research (Urbana), $\frac{3}{4}$ time, one year from September 1, 1966, \$8,250 (9-15-66).
- GRUNAU, JOHN A., Research Associate in Microbiology (Urbana), eleven months from October 1, 1966, \$8,190 a year, supersedes (9-20-66).
- GUEVARA, WALTER, Instructor in Spanish (Chicago Circle), academic year 1966-67, \$6,500 (8-12-66).
- HAFER, GEORGE B., Instructor in the Department of Advertising (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,200 (8-26-66).
- HALL, MRS. JOANNA Z., Instructor in Physical Education for Women (Chicago Circle), academic year 1966-67, \$6,650 (7-27-66).
- HALL, MILLARD W., Instructor in Civil Engineering (C) (Urbana), Semester I 1966-67, \$3,600 (8-29-66).
- HALSTED, DAVID W., Clinical Counselor, with rank of Instructor, in the Student Counseling Service (Urbana), one year from September 1, 1966, \$10,500 (8-24-66).
- HANNAFORD, MRS. MARY M., Instructor in English (Chicago Circle), $\frac{2}{3}$ time, academic year 1966-67, \$4,200, supersedes (9-15-66).
- HARRIS, DONALD J., Assistant Professor of Economics (Urbana), academic year 1966-67, \$10,950, supersedes (9-10-66).
- HARRIS, MARVYN R., Assistant Professor of French (Urbana), academic year 1966-67, \$9,000, supersedes (9-20-66).
- HARTSOE, CHARLES E., Instructor in Recreation and Municipal Park Administration (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$5,000 (9-6-66).
- HEADINGTON, JOHN T., Assistant Professor of Pathology for an assignment on the Faculty of Medicine at the Chiangmai Hospital, Thailand, for service under

- Contract AID/fe-2, from August 1 through August 5, 1966, and from August 27, 1966, through August 23, 1968, \$17,750 a year (8-23-66). He will not be on appointment during August 6, 1966, through August 26, 1966.
- HEITNER, ROBERT R., Professor of German (Chicago Circle), indefinite tenure, and Acting Head of the Department, one year from September 1, 1966, academic year service basis, \$20,000 a year, supersedes (9-10-66).
- HEMP, PAUL E., Associate Professor of Vocational and Technical Education, College of Education (Urbana), indefinite tenure from September 1, 1966, twelve months' service basis, \$15,000 a year, supersedes (8-29-66). He will be on sabbatical leave of absence for six months beginning February 1, 1967, on full pay.
- HIGHTON, RONALD M., Instructor in Operative Dentistry, College of Dentistry, $\frac{3}{10}$ time, one year from September 1, 1966, \$2,400 (8-17-66).
- HOGDEN, ALLEN J., Associate Professor in the Library (Chicago Circle), indefinite tenure from September 1, 1966, \$13,100 a year, supersedes (9-24-66).
- HORWITZ, OLGA, Instructor in Oral Diagnosis, College of Dentistry, $\frac{1}{2}$ time, one year from September 1, 1966, \$4,700, supersedes (8-23-66).
- HUNERYAGER, S. G., Assistant Dean of Management and Acting Coordinator of Management (Urbana), one year from September 1, 1966, and Associate Professor of Management, on indefinite tenure from September 1, 1966, \$16,000 (9-7-66).
- JACKSON, AURORA P., Instructor in Medical Social Work, College of Medicine, one year from September 1, 1966, \$7,000 (8-23-66).
- JACKSON, DONALD D., Associate Director and Editor, University Press, with rank of Professor (Urbana), indefinite tenure from September 1, 1966, one year from September 1, 1966, \$18,000, supersedes (9-10-66).
- JAEGER, ROBERT T., Lecturer in Architecture (Chicago Circle), $\frac{1}{2}$ time, academic year 1966-67, \$4,750, supersedes (9-8-66).
- JENKINS, EDWARD S., Specialist in Education, in the University High School (Urbana), $\frac{1}{4}$ time, academic year 1966-67, \$2,025 (9-20-66).
- JORDEN, ROGER M., Research Associate in Civil Engineering (C) (Urbana), full time for Semester I, \$3,500, and $\frac{1}{2}$ time for Semester II, 1966-67, \$1,750, academic year service basis, total salary \$5,250, supersedes (8-31-66).
- JOYNER, ALAN E., JR., Research Associate in Dairy Science (Urbana), September 6, 1966-August 31, 1967, \$7,000 a year (9-15-66).
- KALENDA, LENORE, Instructor in Physical Education for Women (Chicago Circle), academic year 1966-67, \$6,950, supersedes (8-10-66).
- KAPLAN, WILLIAM M., Instructor in Music (Chicago Circle), academic year 1966-67, \$8,500 (9-8-66).
- KASNER, FRED, Instructor in Chemistry (Chicago Circle), $\frac{1}{2}$ time, academic year 1966-67, \$3,300 (9-1-66).
- KAUVAR, ELAINE, Instructor in English (Chicago Circle), $\frac{2}{3}$ time, academic year 1966-67, \$4,350 (9-6-66).
- KELLEY, JEAN L., Housing Coordinator for Women's Residence Halls (Urbana), one year from September 1, 1966, \$8,500 (9-1-66).
- KHURSHEED, ZIA-E, Instructor in Mathematics (Chicago Circle), academic year 1966-67, \$6,000 (9-10-66).
- KIRSTEIN, LAURETTE A., Coordinator of Foreign Students (Chicago Circle), $\frac{2}{3}$ time, one year from September 1, 1966, \$8,000, and Assistant Professor of English for Foreign Students (Chicago Circle), $\frac{1}{3}$ time, academic year 1966-67, \$3,300; total salary \$11,300; on leave of absence during Semester II, with full pay, supersedes (9-1-66).
- KLEHR, HAROLD, Director of Student Counseling Service (Chicago Circle), one year from September 1, 1966, \$17,000, and Professor of Psychology (Chicago Circle), without salary, indefinite tenure from September 1, 1966, supersedes (8-25-66).
- KNIGHTEN, CAROL S. M., Instructor in Mathematics (Chicago Circle), academic year 1966-67, \$8,200 (8-24-66).
- KOSHIRO, KAZUTOSHI, Research Associate in the Institute of Labor and Industrial Relations (Urbana), one year from September 1, 1966, \$7,600, supersedes (9-21-66).
- LANDOLT, ROBERT G., Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$7,600 (9-12-66).

- LANG, ALVIN L., Soils Consultant at the Uttar Pradesh Agricultural University, Pant Nagar, Uttar Pradesh, India, for service under Contract USAID/nesa-150, beginning September 6, 1966, and continuing through December 5, 1966, \$14,960 a year (8-24-66).
- LANGDON, LOIS M., Assistant Specialist in Education, Department of Vocational and Technical Education (Urbana), one year from September 1, 1966, \$6,600 (9-10-66).
- LAPLANTE, MARGARET J., Counselor in the Student Counseling Service (Chicago Circle), one year from September 1, 1966, \$6,500 (9-1-66).
- LAPREVOTTE, GUY L., Visiting Assistant Professor of French (Urbana), academic year 1966-67, \$9,000 (8-2-66).
- LAWRENCE, ALBERT G., (Technical) Associate in General Engineering (Urbana), one year from September 1, 1966, \$10,000 (9-10-66).
- LEE, SHUNG-WU, Research Associate in Electrical Engineering (C) (Urbana), one year from September 1, 1966, \$10,500 (9-8-66).
- LEKAN, EUGENE C., Associate Professor in the Department of Oral and Maxillo-facial Surgery, College of Dentistry, $\frac{1}{2}$ time, indefinite tenure from September 1, 1966, \$5,500, and Clinical Associate Professor in the Department of Surgery, College of Medicine, without salary, supersedes (9-1-66).
- LIMBACHER, PHILIP C., Assistant Commandant, $\frac{1}{10}$ time, July 1, 1966-August 31, 1967, \$600, and Assistant Professor of Air Force Aerospace Studies (Urbana), without salary, supersedes (7-26-66).
- LIMING, ORA N., Assistant Director, Campus Office of AID Projects (Urbana), September 6, 1966-August 31, 1967, \$17,600 (9-13-66).
- LIPMAN, VIVIAN, Assistant Professor of Psychology (Chicago Circle), $\frac{1}{2}$ time, \$4,750, and Assistant Dean of the College of Liberal Arts and Sciences (Chicago Circle), $\frac{1}{2}$ time, \$4,750, academic year 1966-67, total salary \$9,500, supersedes (8-23-66).
- LIU, CHIU FAN, Associate Professor of Chemistry (Chicago Circle), June 16-August 31, 1966, \$3,000 (9-8-66).
- LOZAR, CHARLES C., Instructor in Architecture (Urbana), academic year 1966-67, \$8,000 (8-5-66).
- LUSTY, BEVERLY, Assistant Professor of Speech (Chicago Circle), academic year 1966-67, \$8,400, supersedes (9-1-66).
- LYONS, EDMUND D., Extension Specialist, Conference Programs, Division of University Extension (Urbana), September 6, 1966-August 31, 1967, \$10,000 a year (9-8-66).
- MA, WEI-YI, Cataloger, with rank of Instructor, in the Special Languages Department of the Library (Urbana), September 16, 1966-August 31, 1967, \$6,800 a year (9-1-66).
- MACDONALD, HUGH F., Research Associate in Physics (C) (Urbana), October 16, 1966-August 31, 1967, \$8,700 a year, supersedes (9-20-66).
- MACPHERSON, LEONARD, Lecturer in Bioengineering, Department of Information Engineering (Chicago Circle), academic year 1966-67, without salary (8-12-66).
- MAJARAKIS, JAMES D., Clinical Associate Professor of Surgery, College of Medicine, $\frac{3}{10}$ time, September 1, 1966-June 30, 1967, \$3,000 a year (8-23-66).
- MALNICK, JOEL R., Instructor in Geography (Chicago Circle), academic year 1966-67, \$5,500 (8-10-66).
- MALTBY, GEORGE R., Cataloger, with rank of Instructor, in the Library (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$3,400 (8-29-66).
- MASLIN, MRS. ALICE A. VON LEHMEN, Research Associate in Veterinary Pathology and Hygiene (Urbana), one year from September 1, 1966, \$6,600 (8-22-66).
- MCGOVERN, MICHAEL B., Instructor in Physical Education (Chicago Circle), academic year 1966-67, \$5,200, plus overtime basis \$800, total salary \$6,000 (9-8-66).
- MEAD, WILLIAM R., Instructor in Psychology (Urbana), academic year 1966-67, \$9,000 (9-20-66).
- MEINTS, RALPH E., Instructor in Chemistry (Chicago Circle), $\frac{1}{2}$ time, academic year 1966-67, \$3,200 (9-15-66).
- MINTURN, LEIGH, Visiting Associate Professor of Psychology (Chicago Circle), academic year 1966-67, \$11,000 (9-8-66).
- MOPPER, K. WILLIAM, Instructor in Pedodontics, College of Dentistry, $\frac{3}{10}$ time, one year from September 1, 1966, \$2,400 (7-5-66).

- MORALES, MARTIN C., Instructor in Veterinary Physiology and Pharmacology (Urbana), $\frac{3}{4}$ time, August 16, 1966-August 31, 1967, \$7,822.58 (8-30-66).
- MORGAN, JOSEPH, Instructor in Pedodontics, College of Dentistry, $\frac{3}{10}$ time, one year from September 1, 1966, \$2,400 (7-5-66).
- MORRISON, NANCY A., Instructor in Social Work in the Jane Addams Graduate School of Social Work (Urbana), academic year 1966-67, \$8,250 (8-30-66).
- MULLER, PAUL, Instructor in Chemistry (Chicago Circle), academic year 1966-67, \$7,100 (8-10-66).
- MURATA, TADAO, Assistant Professor of Electrical Engineering (Chicago Circle), academic year 1966-67, \$9,000 (9-6-66).
- MYERS, VICTOR V., *Printing Expert at the Njala University College, Njala, Sierra Leone, for service under Contract USAID/Afr-293, October 1, 1966-March 31, 1967, \$16,000 a year (9-24-66).*
- NANCE, MRS. JEAN P., Research Associate in Secondary and Continuing Education (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$4,500 (9-20-66).
- NEALEY, MRS. VICKI G., Research Associate in Social Work in the Jane Addams Graduate School of Social Work (Urbana), $\frac{1}{2}$ time, October 1, 1966-August 31, 1967, \$4,100 a year (8-30-66).
- NEDELSKY, LEO, Research Associate in Teacher Education, College of Dentistry, $\frac{1}{4}$ time, one year from September 1, 1966, \$4,000 (9-6-66).
- NICHOLAS, WARWICK L., Visiting Professor of Zoology (Urbana), five months from September 1, 1966, \$11,800 a year (5-17-66).
- NICOLAS, GREGORIO, Research Associate in Plant Pathology (S) (Urbana), $\frac{4}{100}$ time, one year from September 1, 1966, \$3,000 (9-8-66).
- NISONOFF, ALFRED, Professor of Microbiology, College of Medicine, indefinite tenure from September 1, 1966, \$20,550, supersedes appointment at Urbana (9-1-66).
- NORMAN, WESLEY P., Instructor in Anatomy, College of Medicine, academic year 1966-67, \$8,600 (9-15-66).
- O'BRIEN, GORDON E., Research Associate in Psychology (Urbana), one year from September 1, 1966, \$10,000 (9-20-66).
- OGREN, WILLIAM L., Assistant Professor of Plant Physiology, Department of Agronomy (S) (Urbana), one year from September 1, 1966, without salary (8-1-66).
- ORDAL, Z. JOHN, Professor of Food Microbiology (C and S), $\frac{3}{4}$ time, indefinite tenure from September 1, 1966, and Assistant Director of the Agricultural Experiment Station, $\frac{1}{4}$ time (Urbana), one year from September 1, 1966, \$19,200, supersedes (9-10-66).
- OSBORN, JO-ANN, *Bibliographer, with rank of Instructor, in the Library (Urbana), September 15, 1966-August 31, 1967, \$6,600 a year (9-6-66).*
- OSCHWALD, WILLIAM R., *Associate Professor of Soil Classification Extension in Agronomy (S and E) (Urbana), indefinite tenure from September 1, 1966, \$13,500 (9-21-66).*
- PALMQUIST, DONALD L., Research Associate in Dairy Science (S) (Urbana), one year from September 1, 1966, \$7,350 (8-29-66).
- PAPAGEORGIOU, SOPHIE, Spectroscopist in Chemistry (Urbana), one year from September 1, 1966, \$5,650 (8-15-66).
- PARASKEVOPOULOS, I., Research Associate in the Office of the University Dean of Admissions and Records (Urbana), $\frac{1}{4}$ time, \$2,900, and Research Associate in the Institute for Research on Exceptional Children, $\frac{3}{4}$ time, \$7,200, one year from September 1, 1966, total salary \$10,100 (8-15-66).
- PARSONS, TERENCE D., Assistant Professor of Philosophy (Chicago Circle), academic year 1966-67, \$9,100, supersedes (8-23-66).
- PATACSIL, GREGORIO B., JR., Research Associate in Pediatrics, College of Medicine, $\frac{3}{100}$ time, July 1, 1966-August 31, 1967, \$2,400 a year, supersedes nonsalaried appointment (7-12-66).
- PERLMUTTER, MRS. SHIRLEY, Occupational Therapist in the Division of Services for Crippled Children, $\frac{9}{10}$ time, one year from September 1, 1966, \$4,890, and Instructor in Occupational Therapy, College of Medicine, one year from September 1, 1966, without salary, supersedes (9-15-66).
- PETERSEN, GOODWIN G., Instructor in Vocational and Technical Education (Urbana), $\frac{1}{2}$ time, academic year, 1966-67, \$3,500 (9-19-66).
- PHILLIPS, MARILYNN J., Assistant Specialist in Education (Urbana), one year from September 1, 1966, \$6,600 (9-19-66).

- PHILLIPS, RUBY J., Specialist in Education, in the Institute for Research on Exceptional Children (Urbana), academic year 1966-67, \$7,200 (8-26-66).
- POWERS, RICHARD J., Instructor in Medicine, College of Medicine, $\frac{4}{100}$ time, four months from September 1, 1966, \$275 a month (8-17-66).
- PRAIRIE, RICHARD L., Assistant Professor of Biochemistry (Urbana), academic year 1966-67, \$9,500 (8-29-66).
- PUNDT, MRS. SHIRLEY L., Lecturer in Architecture (Chicago Circle), $\frac{1}{2}$ time, Fall quarter 1966, \$375 a month (9-8-66).
- QUAY, MRS. LORENE C., Assistant Professor of Elementary Education (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$6,400 (8-24-66).
- QUESTIAUX, LILLIAN, Instructor in Chemistry (Chicago Circle), $\frac{1}{2}$ time, academic year 1966-67, \$3,250 (9-1-66).
- RADIVOJEVIC, BRATISLAV, Research Associate in the Center for Zoonoses Research (Urbana), one year from September 1, 1966, \$7,500 (9-10-66).
- RATCLIFFE, ROBERT H., Assistant Professor of Education (Chicago Circle), academic year 1966-67, \$9,800, supersedes (7-21-66).
- RAYL, MARTIN, Research Associate in Physics (C) (Urbana), one year from September 1, 1966, \$8,500 (8-29-66).
- ROGERS, ELIZABETH P., Instructor in Inorganic Chemistry (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,750 (7-26-66).
- ROGERS, JOHN, Assistant Professor of Health Science and Staff Psychiatrist in the Health Service (Chicago Circle), $\frac{1}{2}$ time, one year from September 1, 1966, \$8,500, supersedes (9-1-66).
- ROSEN, CARL-GUSTAF, Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$8,000 (8-29-66).
- ROSEN, ELLEN, Instructor in Psychology (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$3,500 (9-16-66).
- ROSSETTI, GUISEPPE P., Research Associate in Chemistry (Urbana), September 8, 1966-August 31, 1967, \$7,200 a year (8-29-66).
- RUBIN, LAURENCE H., Research Associate in the Cleft Palate Center, College of Dentistry, $\frac{3}{4}$ time, one year from September 1, 1966, \$6,300 (8-23-66).
- RUNGE, EDWARD C. A., Assistant Professor of Pedology, Department of Agronomy (C, S, and E) (Urbana), one year from September 1, 1966, \$12,400, supersedes (9-16-66).
- RYAN, HOLLIS F., Instructor in Electrical Engineering (C) (Urbana), one year from September 1, 1966, \$6,363.56, supersedes (9-1-66).
- SABET, TAWFIK Y., Associate Professor of Histology, College of Dentistry, indefinite tenure from January 1, 1967, \$15,600 a year (8-8-66).
- SAGER, WILLIAM F., Professor of Chemistry (Chicago Circle), $\frac{1}{2}$ time, Summer quarter, 1966, \$1,945 (8-26-66).
- SANDOR, BELA I., Research Associate and Instructor in Theoretical and Applied Mechanics (C) (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$4,000, supersedes (6-13-66).
- SAXENA, K. M. S., Research Associate in Plant Pathology (S) (Urbana), one year from September 1, 1966, \$6,600 (9-15-66).
- SCAVNICKY, GARY E. A., Instructor in Spanish (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$3,867 (8-11-66).
- SCHLEUNES, KARL, Assistant Professor of History (Chicago Circle), academic year 1966-67, \$8,450, supersedes (9-6-66).
- SCHUNK, JOHN F., Instructor in Speech (Urbana), academic year 1966-67, \$5,500 (8-26-66).
- SERAUSKAS, ROBERT V., Research Associate in Chemistry (Urbana), one year from September 1, 1966, \$6,900 (8-29-66).
- SHIMOMURA, YOSHIHARU, Research Associate in Physics (C) (Urbana), one year from September 1, 1966, \$9,000 (8-2-66).
- SHULMAN, HAROLD S., Assistant Professor of Psychology (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$5,000 (9-20-66).
- SIFFERD, CALVIN S., Coordinator in the Men's Residence Halls (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$4,000, supersedes (9-6-66).
- SILVERGLADE, LEE, Assistant Professor of Oral Pathology, College of Dentistry, $\frac{1}{2}$ time, one year from September 1, 1966, \$4,750, supersedes (8-11-66).
- SIMON, HAROLD A., Associate Professor of Energy Engineering (Chicago Circle), three months from June 15, 1966, \$3,666 (8-8-66).

- SINEATH, TIMOTHY W., Instructor in Library Science, Conference Programs, Division of University Extension (Urbana), $\frac{1}{2}$ time, one year from September 1, 1966, \$4,500 (9-15-66).
- SISKIND, MRS. CAROLINE C., Instructor in English (Chicago Circle), $\frac{2}{3}$ time, academic year 1966-67, \$3,750, supersedes (9-15-66).
- SKINNER, MRS. JOAN, Assistant Professor of Physical Education for Women (Urbana), academic year 1966-67, \$7,200 (5-26-66).
- SKLAN, BASIL, Instructor in Health Science and Staff Physician in the Health Service (Chicago Circle), $\frac{1}{2}$ time, academic year 1966-67, \$7,500 (7-26-66).
- SMITH, MRS. MARGARET A., Assistant Research Engineer in the Coordinated Science Laboratory (C) (Urbana), one year from September 1, 1966, \$6,700 (8-30-66).
- SMITH, WILLIAM L., Instructor in Prosthodontics, College of Dentistry, $\frac{3}{10}$ time, one year from September 1, 1966, \$2,900 (7-19-66).
- SMITH, WILLIAM O., JR., Technical Associate in General Engineering (C) (Urbana), one year from September 1, 1966, \$12,500 (9-10-66).
- SOUTHWICK, HARRY W., Clinical Professor of Surgery, College of Medicine, $\frac{35}{100}$ time, September 1, 1966-June 30, 1967, \$5,000 a year (8-23-66).
- STABELL, ROLF, Research Associate in Astronomy (Urbana), one year from September 1, 1966, \$9,000 (9-19-66).
- STEINER, THEODORE E., Instructor in Psychology (Urbana), academic year 1966-67, \$9,000 (9-20-66).
- STETZER, DONALD FOSTER, Instructor in Geography (Chicago Circle), $\frac{3}{4}$ time, academic year 1966-67, \$4,500 (8-5-66).
- STINESPRING, W. FORREST, Associate Professor of Mathematics (Chicago Circle), indefinite tenure from September 1, 1966, academic year service basis, \$14,000 a year (9-10-66).
- STOLLER, EDWARD W., Assistant Professor of Plant Physiology, Department of Agronomy (S) (Urbana), one year from September 1, 1966, without salary (8-1-66).
- SULLIVAN, JUDITH M., Instructor in Medical Social Work, College of Medicine, September 7, 1966-August 31, 1967, \$7,000 a year (9-6-66).
- SULLIVAN, MARY E., Consultant, with rank of Associate Professor, in the Jane Addams Graduate School of Social Work (Chicago Circle), academic year 1966-67, \$12,500, supersedes (8-4-66).
- SUSSMAN, HANS G., Assistant Professor of Oral Pathology, College of Dentistry, one year from September 1, 1966, \$11,000, and Assistant Professor of Preventive Medicine and Community Health, College of Medicine, without salary, supersedes (7-21-66).
- SWAIN, MRS. BARBARA C., Cataloger, with rank of Instructor, in the Library and in Latin-American Studies (Urbana), one year from September 1, 1966, \$6,600 (9-19-66).
- TALMAGE, MRS. HARRIET, Instructor in Education (Chicago Circle), $\frac{2}{3}$ time, academic year 1966-67, \$6,000 (9-10-66).
- TAYLOR, SAMUEL G., III, Professor of Medicine, College of Medicine, $\frac{2}{3}$ time, one year from July 1, 1966, \$3,420 (8-29-66).
- TENG, CHENG Y., Instructor in Medicine, College of Medicine, $\frac{2}{3}$ time, one year from September 1, 1966, \$4,750 (8-17-66).
- TERWILLIGER, JOHN E., Assistant Director, Bureau of Institutional Research, with rank of Assistant Professor (Urbana), one year from September 1, 1966, \$14,500, supersedes (9-20-66).
- THOMAS, IAN B., Research Associate in Electrical Engineering (C) (Urbana), one year from September 1, 1966, \$9,600 (9-10-66).
- THOMPSON, JOHN, Director of the Center for Latin-American Studies, $\frac{45}{100}$ time, \$6,650, one year from September 1, 1966, and Professor of Geography and Head of the Department, $\frac{55}{100}$ time, \$7,850, indefinite tenure from September 1, 1966 (Urbana), total salary \$14,500, supersedes (8-23-66).
- THOMPSON, RALPH B., Visiting Professor of Marketing and Management (Chicago Circle), nine months from September 16, 1966, \$16,000, supersedes (9-8-66).
- TIBBETTS, CHARLENE N., Research Associate at University High School (Urbana), academic year 1966-67, \$6,500, supersedes (9-15-66).
- TIGERMAN, STANLEY, Associate Professor of Architecture (Chicago Circle), $\frac{2}{3}$ time, academic year 1966-67, \$8,267, supersedes (9-8-66).

- TIMBERLAKE, PHOEBE, Departmental Library Assistant, with rank of Instructor, in the Library (Urbana), one year from September 1, 1966, \$6,600 (8-11-66).
- TREGER, HARVEY, Consultant, with rank of Assistant Professor, in the Jane Addams Graduate School of Social Work (Chicago Circle), one year from September 1, 1966, \$12,750, supersedes (8-2-66).
- TSITSOPOULOS, STAMATIS, Instructor in Linguistics (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$3,600 (8-2-66).
- TUREK, BURTON S., Instructor in Pedodontics, College of Dentistry, $\frac{2}{3}$ time, one year from September 1, 1966, \$3,400, supersedes (7-5-66).
- TYROLER, ROBERT L., Research Associate in the Graduate College (Medical Center), August 1, 1966-August 31, 1967, \$12,000 a year (9-15-66).
- VALLENTI, ROBERT R., Instructor in Electrical Engineering (C) (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$2,800 (8-11-66).
- VANDREY, PHILIP L., Instructor in Spanish (Chicago Circle), academic year 1966-67, \$7,800 (7-26-66).
- VATTANO, ANTHONY J., Consultant, with rank of Assistant Professor, in the Jane Addams Graduate School of Social Work (Urbana), one year from September 1, 1966, \$12,750 (8-2-66).
- VETTER, CRAIG W., Research Associate in Secondary and Continuing Education and in the Curriculum Laboratory, College of Education (Urbana), one year from September 1, 1966, \$7,150 (9-20-66).
- VIANELLO, KENNETH J., Instructor in Physical Education for Men (Chicago Circle), academic year 1966-67, \$5,400, plus overtime basis, \$800, total salary \$6,200 (9-8-66).
- VIDMAR, NEIL J., Research Associate in Psychology (Urbana), $\frac{2}{3}$ time, academic year 1966-67, \$5,000 (9-14-66).
- WALLACE, ROBERT C., Specialist in Education, in University High School (Urbana), $\frac{1}{4}$ time, academic year 1966-67, \$1,825 (9-20-66).
- WALLER, GILBERT R., Professor of Music, $\frac{1}{2}$ time, \$6,800, and Professor of Music in the Division of University Extension, $\frac{1}{2}$ time, \$6,800 (Urbana), nine months from September 16, 1966, total salary \$13,600, supersedes (8-8-66).
- WALLHAUS, ROBERT A., Management Methods Analyst in the Statistical Service Unit, and Teaching Assistant in Mechanical and Industrial Engineering (C) (one-fourth time during the academic year) (Urbana), one year from September 1, 1966, \$12,000 (9-6-66).
- WEBB, ROBERT J., Adviser in Dairy Science at the Uttar Pradesh Agricultural University, Pant Nagar, India, for service under Contract USAID/Nesa-150, beginning August 28, 1966, and continuing through February 27, 1967, \$18,865 a year; and Professor of Animal Science Extension, on indefinite tenure; Assistant Director of the Agricultural Experiment Station, and Superintendent of Extension Programs at Dixon Springs Agricultural Center, in the Agricultural Experiment Station and in the Cooperative Extension Service in Agriculture and Home Economics, beginning February 28, 1967, through August 31, 1967, \$17,150 a year, supersedes (8-24-66).
- WEISS, MARVIN B., Associate Professor of Operative Dentistry, College of Dentistry, indefinite tenure from September 1, 1966, \$15,250, supersedes (9-7-66).
- WELLER, Carolyn R., Physical Education Library Assistant, with rank of Instructor, in the Library (Urbana), one year from September 1, 1966, \$6,600 (8-24-66).
- WELLER, CHARLES M., Assistant Professor of Secondary and Continuing Education (Urbana), academic year 1966-67, \$10,300 (9-2-66).
- WHISLER, FRANK D., Assistant Professor of Soil Physics, Department of Agronomy (S) (Urbana), one year from September 1, 1966, without salary (9-1-66).
- WICKERSHEIM, ROBERT D., Instructor in Electrical Engineering (C) (Urbana), $\frac{1}{2}$ time, academic year 1966-67, \$2,800 (8-11-66).
- WILKEN, RAYMOND E., Instructor in Secondary and Continuing Education (Urbana), academic year 1966-67, \$7,000 (9-7-66).
- WILLIAMS, JOHN S., Visiting Lecturer in Geology (Chicago Circle), $\frac{7}{10}$ time, Fall quarter 1966, \$1,759 (9-15-66).
- WILLIS, JUDITH H., Assistant Professor of Entomology (Urbana), academic year 1966-67, \$9,200, supersedes (8-17-66).
- WOLF, EDWARD L., Research Assistant Professor in the Coordinated Science Laboratory (C) (Urbana), one year from September 1, 1966, \$10,000, supersedes (8-29-66).

- WOOD, MRS. BARBARA S., Assistant Professor of Speech (Chicago Circle), academic year 1966-67, \$8,700, supersedes (9-1-66).
- WOOLWINE, JAMES R., Staff Assistant in the Office of the Chancellor (Chicago Circle), one year from September 1, 1966, \$10,000 (9-13-66).
- WU, SHU-YAU, Research Associate in Electrical Engineering (C) (Urbana), Semester I 1966-67, \$7,855 a year (9-6-66).
- WYER, ROBERT S., Assistant Professor of Psychology (Chicago Circle), academic year 1966-67, \$10,400, supersedes (8-26-66).
- YOUNGBERG, RICHARD S., Instructor in Physical Education for Men (Urbana), academic year 1966-67, \$8,000, supersedes (8-23-66).
- ZACCARIA, JOSEPH, Assistant Professor of Educational Psychology (Urbana), academic year 1966-67, \$10,000 (8-29-66).
- ZAVARELLA, VICTOR, Research Associate in the Bureau of Institutional Research (Urbana), one year from September 1, 1966, \$12,000 (9-14-66).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- ALBRIGHT, ELSIE F., Instructor in Medical Social Work, College of Medicine—resignation effective September 10, 1966.
- BREIDENSTEIN, BURDETTE C., Associate Professor of Animal Science (Urbana)—resignation effective September 15, 1966.
- CONNOR, AUDLEY F., JR., Assistant Professor of Health Science and Staff Physician in the Health Service (Chicago Circle)—resignation effective October 1, 1966.
- CORNELL, HARRISON K., Assistant Editor with rank of Instructor in Veterinary Medicine (Urbana)—resignation effective September 12, 1966.
- DAY, H. SUMMERFIELD, Supervising Architect (Chicago Circle)—resignation effective October 16, 1966.
- FARRIS, R. E., Research Associate in Ceramic Engineering (Urbana)—cancellation effective September 1, 1966.
- FIELD, MRS. HOLLY, Instructor in Speech Correction, Department of Otolaryngology, College of Medicine—resignation effective September 15, 1966.
- GRABOWSKI, MRS. CATHLEEN, Staff Pharmacist in Manufacturing Pharmacy, College of Pharmacy—resignation effective October 2, 1966.
- GRIMES, D. MICHAEL, Research Engineer in Civil Engineering (Urbana)—cancellation effective September 1, 1966.
- HEYNE, PAUL T., Assistant Professor of Marketing (Urbana)—resignation effective September 1, 1966.
- KAPLAN, MRS. ETHEL K., Instructor in English (Urbana)—declination effective September 1, 1966.
- NOSKER, HERBERT D., Assistant Extension Editor with rank of Assistant Professor of Agriculture (Urbana)—resignation effective October 1, 1966.
- PICACHE, URSULA, Cataloger, with rank of Instructor, in the Library (Urbana)—declination effective September 1, 1966.
- SMITH, CEDRIC M., Professor of Pharmacology, College of Medicine—resignation effective October 1, 1966.
- STEINER, WILLIAM G., Instructor in Electrical Engineering (Urbana)—resignation effective September 1, 1966.
- STONE, ARTHUR, Instructor in Operative Dentistry, College of Dentistry—declination effective September 1, 1966.
- SWANDA, JOHN R., JR., Student Activities Adviser in the Housing Division and Assistant Dean of Men (Urbana)—resignation effective September 1, 1966.
- TERRAS, VICTOR, Professor of Russian, Department of Slavic Languages and Literatures (Urbana)—resignation effective September 1, 1966.
- THOMPSON, M. N., Research Associate in Physics (Urbana)—resignation effective October 1, 1966.
- TOMITA, GIITI, Research Associate in Botany (Urbana)—resignation effective September 1, 1966.
- WEAVER, LELLAND A., Instructor in Electrical Engineering (Urbana)—declination effective September 1, 1966.

LEAVES OF ABSENCE

- BECKETT, GRACE, Associate Professor of Economics (Urbana)—leave of absence, without pay, for the academic year 1966-67, due to family illness.
- JOHNSTON, BEN B., JR., Associate Professor of Music (Urbana) and Associate

Member of the Center for Advanced Study — leave of absence, without pay, 71 per cent of academic year 1966-67.

PETERS, DOLY B., Associate Professor of Soil Physics, Department of Agronomy, in the Cooperative Extension Service in Agriculture and Home Economics (Urbana) — leave of absence, without pay, for one year from September 1, 1966.

CANCELLATION OF LEAVE OF ABSENCE

REISNER, RALPH, Assistant Professor of Law (Urbana) — leave of absence, without pay, for Semester I 1966-67, is hereby cancelled.

RECESS AND EXECUTIVE SESSION

President Clement stated that an executive session had been requested and was being ordered for consideration of reports and recommendations relating to patentable inventions and property acquisition.

On motion of Mrs. Watkins, the Board recessed.

When the Board reconvened, the same members of the Board, officers of the Board, and officers of the University as recorded at the beginning of these minutes were present, except Mr. Ray Page.

The Board considered the following reports and recommendations from the President of the University.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(29) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendations relating to patentable inventions:

1. Neutralization of biological toxins — Sol Roy Rosenthal, Director of Institution for Tuberculosis Research, at the Medical Center, inventor. This is a phenomena wherein the lethal effects in mice of fractions of burned skin are inhibited by other fractions of the same skin.

It is recommended that this invention be released to the inventor, subject to full recognition of the rights of the United States Navy, the sponsoring agency.

2. Preservation of enamel by use of dichloro-s-triazinyl and polyfunctional aziridinyl compounds in polycondensation reaction — Philip P. Goland, Research Associate in Orthodontics, at the Medical Center, inventor. This is a system produced by the chemical bonding of dichloro-s-triazinyl and polyfunctional aziridinyl (ethylenimine) derivatives in polycondensation reaction with various receptor sites in dental enamel.

It is recommended that this invention and supplemental ideas be released to the University of Illinois Foundation for study, development, and possible filing of patent applications, subject to the rights of the United States Government.

3. Preparation of stabilized derivatives of animal and plant origin by condensation reaction with halo-s-triazines — Nicholas G. Grand, Professor of Oral Pathology, and Philip P. Goland, Research Associate in Orthodontics, at the Medical Center, inventors. This is a system produced by the chemical bonding of halo-s-triazines, such as cyanuric chloride, chloro-s-triazine dyes and related colorless compounds with various organic agents, materials, and substrates.

It is recommended that this invention and supplemental ideas be released to the University of Illinois Foundation for study, development, and possible filing of patent applications, subject to the rights of the United States Government.

4. Human learning recorder — Jerome S. Allender, formerly in the Office of Research in Medical Education, and George Lühr, Director of the Physiology Instrument Shop, at the Medical Center, inventors. This is an electromechanical instrument for presenting programmed teaching materials and for recording data on the progress of a student using such materials; its novelty lies in the particular components, the arrangement, the reliability, and the relative inexpensiveness of the components that were used.

It is recommended that the rights of the University be released to the inventors with full recognition of the rights of the United States Government.

5. Soil-gas emanation measurement system used for radon-222 — John E. Pearson, Professor of Nuclear Engineering, of Civil Engineering, and of General

Engineering, at Urbana, inventor. A radon-222 collection system, consisting of a pump, traps to remove water, carbon dioxide, and radon-222 and a flow meter was modified for use in determining release of radon-222 gas from soil. Modification included addition of the gas collection device, replacement of a wet test meter by a rotometer to determine flow, and the arrangement of the apparatus so that the gas collector was located in the system where its internal pressure was approximately that of the atmosphere.

It is recommended that the rights of the University be released to the inventor with full recognition of the rights of the United States Government.

I concur in these recommendations.

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

**PURCHASE OF PROPERTY AT 1006-1008 WEST
CALIFORNIA AVENUE, URBANA**

(30) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees request the University of Illinois Foundation to purchase the property at 1006-1008 West California Avenue, Urbana, at a price of \$44,000, and lease the property to the University at a rental adequate to pay the interest on a bank loan to the Foundation to finance the purchase until the University has funds for its acquisition. This property is adjacent to the Krannert Center for the Performing Arts and is required for future expansion of the University.

The property is improved with a two-story dwelling with basement on a lot 60 feet x 150 feet (9,000 square feet).

I concur.

On motion of Mr. Johnston, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner, Mr. Page.

On motion of Mr. Swain, the Board adjourned.

EARL W. PORTER
Secretary

HOWARD W. CLEMENT
President

A. J. JANATA HONORED AT LUNCHEON

The Trustees met for luncheon with the President and other officers of the University and took occasion to honor the former Secretary of the Board, Mr. A. J. Janata. Each of the Trustees present rose to make a personal expression of affection and respect for Mr. Janata, who then responded briefly.

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

November 10, 1966



The November meeting of The Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Thursday, November 10, 1966, beginning at 10:00 a.m.

President Howard W. Clement called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Theodore A. Jones, Mr. Ray Page, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor Otto Kerner was absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Vice-President Eldon Johnson; Mr. C. S. Havens, Director of the Physical Plant; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. James J. Costello, Legal Counsel; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Glenn Terrell, Dean of Faculties, University of Illinois at Chicago Circle; Mr. James B. Holderman, Assistant to the Chancellor, University of Illinois at Chicago Circle; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. R. R. Manchester, Treasurer; Mr. H. O. Farber, Comptroller; and Mr. Earl W. Porter, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees of May 18 and June 15, 1966, press proof copies of which have previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 1161 to 1284, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

BIENNIAL OPERATING BUDGET FOR 1967-69

(1) Submitted herewith is the biennial operating budget for 1967-69, being the estimates of state appropriations required by the University during the biennium. These budget estimates have been prepared by the Executive Vice-President and Provost and the Vice-President and Comptroller in consultation with the University Budget Committee,¹ with the deans, directors, and with other administrative officers concerned. The University Council has also been consulted.

I recommend approval of these budget estimates by the Board of Trustees for filing with the State Department of Finance, as required by law, and for presentation to the state administration, the Board of Higher Education, and other state agencies involved in budget considerations.

The complete budget as printed below was sent to all members of the Board a week prior to today's meeting. It had also been studied by the Finance Committee (with other Trustees participating) in consultation with the President of the University and other University officers in special works sessions.

Following presentations by the President and the Executive Vice-President and Provost and further discussion, on motion of Mr. Williamson, Chairman of the Finance Committee, the budget was approved and the President of the University was authorized to file it with the State Department of Finance; and for presentation to the state administration and all other state agencies involved in budget procedures; and the President of the Board, the Chairman of the Finance Committee, and the President of the University were authorized to represent the Board of Trustees in conferences with the state administration and other state agencies concerned.

This action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

¹ The University Budget Committee for 1966-67. *Ex Officio Members*: Lyle H. Lanier, Executive Vice-President and Provost, Chairman; H. O. Farber, Vice-President and Comptroller; N. A. Parker, Chancellor at Chicago Circle; J. S. Begando, Chancellor at the Medical Center; Daniel Alpert, Dean of the Graduate College.

From the Senates: I. E. Farber, Professor of Psychology and Head of the Department, Chicago Circle; N. J. Cotsonas, Professor of Medicine, College of Medicine, Medical Center; Wylie H. Davis, Professor of Law, Urbana.

From the Faculty at Large: H. E. Carter, Professor of Chemistry and Head of the Department of Chemistry and Chemical Engineering, Urbana; N. M. Newmark, Professor of Civil Engineering and Head of the Department, Urbana; G. W. White, Professor of Geology, Urbana.

Staff Associates: M. L. Zeigler, Associate Provost and Director of Institutional Studies; M. S. Kessler, Assistant Comptroller.

BIENNIAL BUDGET REQUEST FOR OPERATIONS, 1967-69

I. Summary of Biennial Budget Request for Operations, 1967-69

Objectives

The request of the University of Illinois for increases in appropriations for 1967-69 reflects several major needs and objectives:

1. To continue ongoing programs and commitments at the higher cost levels expected in 1967-69. Especially important will be the improvement of faculty salaries so as to bring them closer to parity with the salary scales of universities comparable in national stature and competitive with the University of Illinois for the limited supply of outstanding teachers and scholars.
2. To increase enrollment at all three campuses to the limits dictated by the facilities and other available resources—with increasing emphasis upon junior-senior, graduate, and professional levels. A biennial increase of some 5,000 students is projected.
3. To make critically-needed improvements in several areas that have been chronically handicapped by inadequate support.
4. To inaugurate graduate study at the Chicago Circle campus—with a view particularly to increasing the supply of college teachers and of other professional graduates.
5. To expand existing educational and research programs—and to add new ones—focused upon important state, national, and international problems—such as urban improvement, teacher education, health care, and Asian studies.
6. To expand certain research and public-service programs for which the University acts for the state as an administrative agency.

Procedure in the Preparation of the Biennial Budget Request

In developing estimates of the funds needed to meet the objectives outlined above, the format and the classification system recommended by the staff of the Illinois Board of Higher Education have been followed. Furthermore, the guidelines and formulae developed by the Board's staff in consultation with the Budget Formula Committee (composed of representatives of the several state universities) have been used in calculating the major portion of the increases requested, including funds for the Retirement System, salary adjustments, increased enrollments, operating costs of new buildings, and price increases. In the case of salary adjustments, supplemental funds are requested for the special reasons stated in a later section of this document.

The guidelines and formulae were reviewed by the University Budget Committee, and it was concluded that with the exception just noted the University could use these procedures in the preparation of its 1967-69 budget request—with the understanding that a careful evaluation of the adequacy of the support levels provided would be made during the coming biennium and that changes would be recommended as experience might dictate.

In addition to the increases noted above, departments and other administrative units were invited to submit estimates of budget increases needed for the following purposes: organized research, extension and public service, funds to offset deficiencies in support for current operations, major improvements in existing programs, and new programs. These requests were reviewed carefully by the University Budget Committee, and a selected list of high-priority items was recommended to the President for inclusion in the 1967-69 budget request.

In accordance with the University's *Statutes*, the University Council was consulted by the President concerning the budget proposals included in this document, and the Council gave its approval to them.

Biennial Budget Request for Operations, 1967-69 (Schedule A)

A summary of the biennial appropriations requested for 1967-69 is shown in Schedule A on the following page. The first section shows the biennial appropriation for 1965-67, totaling \$214,463,662—with a break-down by sources of funds and for the two years of the biennium.

The next section (Section B) shows the budget increases requested to meet higher costs of operations anticipated in 1967-69. The total for such increases is \$56,479,592. To this figure must be added the sum of \$10,805,182—described as "Biennial Overlap" in Schedule A—in order to derive the total amount by

which the 1965-67 appropriation would have to be increased (67,284,774) to give the total budget requested for 1967-69. The latter amount is shown as \$281,748,436 in Schedule A.

The total appropriation requested for 1967-69 is approximately 31 per cent above that for 1965-67. This percentage is to be compared with the increase of 29 per cent in the appropriation requested two years ago for 1965-67 as compared to that for 1963-65.

Special attention is called to the fact that some \$21,400,000 of the total requested budget would be provided from University income—an increase of \$3,300,000 above the amount of University income included in the appropriation for 1965-67. Almost \$2,000,000 of this amount represents an increase anticipated in the income from fees charged by the Research and Educational Hospitals during the next biennium. It will be noted later that the substantial increase in funds requested for the operation of the Hospitals during 1967-69 will be largely offset by the increased income.

Schedule A. Biennial Budget Request for Operations, 1967-1969

A. Budgetary Summary—Seventy-fourth Biennium (1965-67)

	1965-66	1966-67	Total
General Revenue.....	\$ 93 339 271	\$103 024 391	\$196 363 662
Income Fund.....	<u>9 050 000</u>	<u>9 050 000</u>	<u>18 100 000</u>
<i>Total Seventy-fourth Biennial Appropriation.....</i>	\$102 389 271	\$112 074 391	\$214 463 662

B. Increases Requested—Seventy-fifth Biennium (1967-69)

	Annual Increases		Biennial Total
	1967-68	1968-69	
1. Adjustments to Base Budget	0	0	0
2. Statutory Increases			
a. Retirement System			
Contributions.....	\$ 2 672 600		\$ 5 345 200
Activity Fees.....	0	0	0
3. Salary Adjustments.....	6 492 812	\$ 6 969 368	19 954 992
4. Increased Enrollments.....	3 817 719	3 983 451	11 618 889
5. Operating Costs of New Buildings.....	1 014 855	1 384 175	3 413 885
6. Other Increases			
a. Price Increases.....	634 432	656 636	1 925 500
b. Refunds.....	85 000		170 000
c. Organized Research.....	716 000	465 700	1 897 700
d. Extension and Public Service.....	1 260 500	188 500	2 709 500
e. Other Specific Items.....	3 679 438	150 500	7 509 376
<i>Subtotal.....</i>	(6 375 370)	(1 461 336)	(14 212 076)
7. New Programs and Major Improvements.....	822 100	290 350	1 934 550
<i>Total Increases Requested</i>	\$ 21 195 456	\$ 14 088 680	\$ 56 479 592
C. Preceding Year's Budget.....	\$112 074 391	\$133 829 878	
D. Biennial Overlap.....			\$ 10 805 182
E. Biennial Overlap Less Increase 1966-67 Over 1965-66.....	<u>560 031</u>		
F. Total Budget for Seventy-fifth Biennium.....	\$133 829 878	\$147 918 558	\$281 748 436
G. Less University Income Fund...	<u>10 500 000</u>	<u>10 900 000</u>	<u>21 400 000</u>
H. Budget from General Revenue..	\$123 329 878	\$137 018 558	\$260 348 436
I. Total Increases Requested for Seventh-fifth Biennium.....			\$ 67 284 774
J. Less University Income Fund...			<u>3 300 000</u>
K. Total Increases Requested from General Revenue for Seventy- fifth Biennium.....			\$ 63 984 774

Analysis of Budget Increases Requested (Schedule B)

In order to provide a more detailed summary of the budget increases requested for 1967-69, Schedule B has been prepared. It includes the budget categories listed in Section B of Schedule A, showing for certain of them breakdowns by campuses and, in certain cases, by projects within each campus. Schedule B begins below.

It should be noted again that the estimates presented for Items 2 (Statutory Increases), 3 (Salary Adjustments), 4 (Increased Enrollments), 5 (Operating Costs of New Buildings), and 6a (Price Increases) were computed in accordance with recommendations made by the staff of the Illinois Board of Higher Education in consultation with the Budget Formula Committee. The only modification occurs in the case of salary adjustments, as noted in Schedule B.

The explanation and justification for the supplemental salary adjustments, and for all of the other items shown in Schedule B, are presented in the second part of this document, which begins on page 219 under the following heading: "II. Explanation of Increases Requested in Section B of Schedule A."

Schedule B. Analysis of Budget Increases Requested for 1967-69 Biennium

Breakdowns of Items Shown in Section B of Schedule A

	<i>Annual Increases</i>		<i>Biennial Total</i>
	<i>1967-68</i>	<i>1968-69</i>	
2. Statutory Increases			
a. Retirement System Contributions			
(page 219).....	\$ 2 672 600		\$ 5 345 200
3. Salary Adjustments (page 220)			
a. Academic Staff (page 220)			
Formula Amount.....	4 241 238	\$ 4 558 527	13 041 003
"Catch-up" Addition.....	313 753	361 857	989 363
<i>Subtotal, Academic</i>	(4 554 991)	(4 920 384)	(14 030 366)
b. Nonacademic Staff (page 222)			
Formula Amount.....	1 887 622	1 993 356	5 768 600
Additional for Nurses.....	50 199	55 628	156 026
<i>Subtotal, Nonacademic</i>	(1 937 821)	(2 048 984)	(5 924 626)
<i>Total</i>	(6 492 812)	(6 969 368)	(19 954 992)
4. Increased Enrollments (page 222)			
a. Chicago Circle Campus.....	1 860 265	2 657 730	6 378 260
b. Medical Center Campus.....	232 644	157 398	622 686
c. Urbana-Champaign Campus....	1 724 810	1 168 323	4 617 943
<i>Total</i>	(3 817 719)	(3 983 451)	(11 618 889)
5. Operating Costs of New Buildings			
(page 223)			
a. Chicago Circle Campus.....	840 110	816 823	2 497 043
b. Medical Center Campus.....	187 656	24 164	399 476
c. Urbana-Champaign Campus....	-12 911	543 188	517 366
<i>Total</i>	(1 014 855)	(1 384 175)	(3 413 885)
6. Other Increases (page 226)			
a. Price Increases (page 226).....	634 432	656 636	1 925 500
b. Refunds (page 226).....	85 000		170 000
c. Organized Research (not in			
priority order) (page 226)			
(1) Center for Urban Studies			
(Chicago Circle) (page 226) ..	144 400	81 700	370 500
(2) Center for Health Care Re-			
search and Community			
Studies (Medical Center)			
(page 226).....	39 000	106 000	184 000
(3) Center for Education and Re-			
search in Genetics (Medical			
Center) (page 227).....	57 500		115 000
(4) Water Resources Center			
(Urbana-Champaign)			
(page 227).....	60 000	15 000	135 000

	<i>Annual Increases</i>		<i>Biennial Total</i>
	<i>1967-68</i>	<i>1968-69</i>	
(5) Computer-Based Education Research Laboratory (Urbana-Champaign) (page 227).....	\$ 60 000		\$ 120 000
(6) Expanded Computer Services (page 227)			
(a) Chicago Circle.....	105 100	\$ 88 000	298 200
(b) Urbana-Champaign.....	250 000	175 000	675 000
<i>Subtotal, Organized Research..</i>	(716 000)	(465 700)	(1 897 700)
d. Extension and Public Service (not in priority order) (page 228)			
(1) Matching Funds for Grants under Title I of Higher Education Act (page 228).....	70 000	160 000	300 000
(2) Matching Funds for Grants under the State Technical Services Act (page 228).....	150 000		300 000
(3) Division of University Extension (page 228).....	63 500	28 500	155 500
(4) Division of Services for Crippled Children (page 228)	977 000		1 954 000
<i>Subtotal, Extension and Public Service.....</i>	(1 260 500)	(188 500)	(2 709 500)
e. Other Specific Items (not in priority order) (page 229)			
(1) Rental and Operation of Newly-leased Space (page 229).....	207 258		414 516
(2) Unfunded Costs of Architectural Division (Physical Plant Department) (page 229)	493 680		987 360
(3) Student Loan Matching Funds (page 229).....	33 750		67 500
(4) Moving Expenses for New Faculty Members (page 229)	194 500	27 500	416 500
(5) Deficiency in Funds for Full Summer Quarter (Chicago Circle) (page 229).....	220 000		440 000
(6) Deficiency in Funds for Wages, Expense, and Equipment (Chicago Circle) (page 230).....	466 000		932 000
(7) Expansion of Teacher-Education Program (Chicago Circle) (page 230).....	76 600	50 000	203 200
(8) Library Improvement (Chicago Circle) (page 230).....	647 650	-60 000	1 235 300
(9) Internal Institutional Studies (Chicago Circle) (page 230).....	110 000		220 000
(10) Medical Illustration Studios (page 231).....	39 000		78 000
(11) Improvement of Clinical Departments in College of Medicine (page 231).....	307 000		614 000
(12) Research and Educational Hospitals (page 231).....	884 000	133 000	1 901 000
<i>Subtotal, Other Specific Items</i>	(3 679 438)	(150 500)	(7 509 376)
<i>Total.....</i>	(6 375 370)	(1 461 336)	(14 212 076)
7. New Programs and Major Improvements (page 232)			
a. Chicago Circle Campus (page 232)			
(1) New Graduate Programs (page 232).....	296 100	135 350	727 550

	<i>Annual Increases</i>		<i>Biennial</i>
	<i>1967-68</i>	<i>1968-69</i>	<i>Total</i>
(2) Three New Departments (page 232)..... \$	55 000	\$ 23 500	\$ 133 500
<i>Subtotal, Chicago Circle</i>	(351 100)	(158 850)	(861 050)
b. Medical Center Campus (page 232)			
(1) Improvement of Programs in Associated Medical Sciences (page 232).....	33 500		67 000
(2) Improvement of Two Non- Clinical Departments in College of Medicine (Bio- chemistry, and Preventive Medicine and Community Health) (page 232).....	65 000		130 000
<i>Subtotal, Medical Center</i>	(98 500)		(197 000)
c. Urbana-Champaign Campus (page 233)			
(1) International Program in Agriculture (page 233).....	60 000	40 000	160 000
(2) Asian Studies (Chinese and Japanese) (page 233).....	70 000		140 000
(3) Graduate Training for Junior-College Personnel (page 233).....	44 500		89 000
(4) Major Reorientation of Civil Engineering Curriculum (page 233).....	100 000		200 000
(5) New Program in Geology (page 233).....	62 000		124 000
(6) Krannert Center for the Performing Arts (page 234) ..	36 000	91 500	163 500
<i>Subtotal, Urbana-Champaign</i> <i>Total</i>	(372 500)	(131 500)	(876 500)
<i>Grand Total for Sections 2, 3, 4, 5, 6, and 7</i>	\$21 195 456	\$14 088 680	\$56 479 592

II. Explanation of Increases Requested in Section B of Schedule A

The numbers and titles of the seven categories included in Section B of Schedule A are used as headings for the discussions that follow, in order to preserve the recommended format and to maintain agreement as regards amounts of funds between this discussion and Schedules A and B. To some extent, this procedure will result in some fragmentation of requests for colleges and campuses, as well as artificial separation of requests that might better be combined. For example, the improvements recommended for the College of Medicine are classified partly under "6c. Organized Research," "6e. Other Specific Items," and "7. New Programs and Major Improvements." Although these projects can be evaluated independently, there are general interrelations among some of them such that they would be better understood and appreciated if viewed as a totality.

B1. ADJUSTMENTS TO BASE BUDGET

As Schedule A shows, no adjustments to the University's base budget are necessary because of deficiencies, averages, or underenrollment—under the guidelines developed by the staff of the Board of Higher Education.

B2a. RETIREMENT SYSTEM CONTRIBUTIONS..... \$5 345 200

This is the only increase requested by the University of Illinois within the general category of "Statutory Increases." The amount has been calculated by the University Retirement System so as to reflect the funds needed for the benefits provided under State law, including reserve requirements.

The State Universities Retirement System provides disability and retirement benefits to all permanent staff members and employees of the University, to those

of all other state institutions of higher education, and to staff members of related organizations. Each participant contributes to the System, and the University's share of the cost is included regularly in its biennial appropriations.

B3. SALARY ADJUSTMENTS \$19 954 992

The University's staff is classified into two categories: *academic* (faculty members and certain groups of administrative and technical personnel) and *non-academic*. The salary-increase funds requested for these two groups, by fiscal year and in total biennial amounts, are as follows:

	Annual Increases		Biennial Total
	1967-68	1968-69	
Academic Staff			
Formula Amount.....	\$4 241 238	\$4 558 527	\$13 041 003
"Catch-up" Addition.....	313 753	361 867	989 363
Subtotal, Academic.....	(\$4 554 991)	(\$4 920 384)	(\$14 030 366)
Nonacademic Staff			
Formula Amount.....	1 887 622	1 993 356	5 768 600
Additional for Nurses.....	50 199	55 628	156 026
Subtotal, Nonacademic.....	(\$1 937 821)	(\$2 048 984)	(\$ 5 924 626)
Total.....	\$6 492 812	\$6 969 368	\$19 954 992

The items described by the term "Formula Amount" were derived from calculations made in accordance with the recommendations of the staff of the Board of Higher Education in consultation with its Budget Formula Committee — as already noted. Although these sums would provide most of the funds estimated by the University to be needed for salary-rate increases in 1967-69, supplemental amounts are requested for both academic and nonacademic salary increases — for the reasons given below.

Academic Salary Increases. The amounts calculated under the formula should provide salary increases roughly comparable to those prevailing on the average for college faculties throughout the country in 1965-66. As reported by the American Association of University Professors, average faculty compensation in 1965-66 was 7.3 per cent higher than in the preceding year. The funds provided under the formula would permit an average increase in University salaries of approximately 7.5 per cent for 1967-68 above the average for 1966-67.

In addition to the "keep-up" increment that would be provided by the formula, the University needs to have a "catch-up" addition to faculty salaries if it is to make any progress toward its objective of bringing its salary levels into closer relationship to its national standing among universities in this country. This general objective is substantially identical with the policy stated in Recommendation 15 of the Master Plan adopted by the Illinois Board of Higher Education, which reads as follows:

"15. Salaries and perquisites of faculty members at the several state-supported colleges and universities be kept high enough to compete for staff with other institutions having educational, service, and research programs of similar breadth, level, and quality. The salaries and fringe benefits offered by industry to persons also qualified for college teaching or research be taken into consideration in arriving at competitive salary levels."

As a step towards achieving these general goals defined by the Master Plan, the University of Illinois has selected a comparison group of eight other institutions: University of California, Cornell University, Indiana University, University of Michigan, University of Minnesota, Northwestern University, Stanford University, and the University of Wisconsin. In the preparation of its salary-increase request for the 1965-67 biennial budget, the University's average salary for regular faculty members at each of the four regular academic ranks was compared with those of these eight institutions. As shown in Schedule C on the following page, it was found that in 1964-65 the University's standing among the nine institutions (including the University of Illinois) was as follows: full professor, seventh; associate professor, eighth; assistant professor, eighth; instructor, eighth. Its stated goal for 1965-67 faculty salaries was to increase the University's average for each rank to the median for the group of nine institutions.

The figures in Schedule C for 1965-66 show that although the University did make a gain of one position in the rank order for full professors and assistant professors, its relative position for associate professors was not improved. For instructors, there was a gain from eighth to fifth position, but this has relatively little significance since only a small proportion of faculty members are at this rank, and the number grows smaller each year.

Salary comparisons have also been made between the University's averages for the four academic ranks and those of thirty institutions (including the University) which award the highest number of Ph.D. degrees. Among these thirty institutions, for 1965-66, the University ranked fifteenth in average salary for full professors, twenty-second for associate professors, seventeenth for assistant professors, and thirteenth for instructors.

Inasmuch as the University of Illinois has regularly been ranked among the top *ten* universities in this country in quality as a graduate and research institution, it seems reasonable to argue that its faculty salaries should have a corresponding standing. The relatively modest "catch-up" increase of about one-half of one per cent proposed for 1967-69 will not bring the University either up to the midpoint of the group of nine universities or within the top ten of the group of thirty just mentioned. But this additional increment probably would enable the University to do somewhat better than maintain its present, disproportionately low salary status among comparable institutions. It is hoped that similar increments can be added each biennium until the University has arrived at least at the midpoint in the group of nine and within the top ten of the group of thirty comparison universities.

Schedule C

I. Average Salaries (Nine-Months' Service) at a Selected Group of Eight Institutions Comparable to the University of Illinois

The numbers in parentheses following the salary figures show the rank order within each column.

University	Professors			Associate Professors		
	1965-66	1964-65	1963-64	1965-66	1964-65	1963-64
A.....	\$16 976 (4)	\$16 537 (2)	\$16 005 (1)	\$12 013 (4)	\$11 676 (2)	\$11 516 (2)
B.....	17 254 (2)	16 695 (1)	15 991 (2)	12 194 (1)	12 390 (1)	11 878 (1)
C.....	17 368 (1)	16 230 (3)	15 219 (3)	12 175 (2)	11 533 (3)	10 907 (3)
D.....	17 115 (3)	15 901 (4)	14 943 (4)	11 806 (5)	11 073 (5)	10 482 (5)
E.....	16 730 (5)	15 564 (5)	14 300 (5)	12 027 (3)	11 351 (4)	10 056 (7)
F.....	15 449 (7)	14 700 (6)	14 193 (6)	11 045 (6)	10 556 (7)	10 052 (8)
G.....	14 870 (9)	14 021 (9)	13 532 (8)	10 773 (9)	10 203 (9)	10 583 (4)
H.....	15 147 (8)	14 341 (8)	13 512 (9)	10 973 (7)	10 604 (6)	10 062 (6)
Illinois....	15 498 (6)	14 471 (7)	14 019 (7)	10 965 (8)	10 301 (8)	9 986 (9)

University	Assistant Professors			Instructors		
	1965-66	1964-65	1963-64	1965-66	1964-65	1963-64
A.....	\$9 342 (3)	\$9 090 (2)	\$9 000 (2)	\$7 294 (1)	\$7 070 (2)	\$6 970 (2)
B.....	9 221 (4)	9 796 (1)	9 290 (1)	7 281 (2)	7 986 (1)	7 366 (1)
C.....	9 519 (2)	9 068 (3)	8 463 (3)	7 202 (3)	6 875 (6)	6 503 (6)
D.....	9 204 (5)	8 695 (6)	8 159 (7)	6 967 (7)	6 988 (3)	6 700 (3)
E.....	9 627 (1)	9 040 (4)	8 234 (5)	6 814 (8)	6 895 (5)	6 254 (8)
F.....	9 043 (6)	8 708 (5)	8 190 (6)	7 026 (6)	6 909 (4)	6 700 (3)
G.....	8 557 (9)	8 187 (9)	8 043 (9)	6 561 (9)	6 187 (9)	6 099 (9)
H.....	8 963 (8)	8 579 (7)	8 255 (4)	7 158 (4)	6 850 (7)	6 498 (7)
Illinois....	8 981 (7)	8 361 (8)	8 140 (8)	7 112 (5)	6 716 (8)	6 652 (5)

II. Percentage Increase in Averages, 1963-64 to 1965-66

University	Professor	Associate Professor	Assistant Professor	Instructor
A.....	6.07	4.32	3.80	4.65
B.....	7.90	2.66	-.07	-1.15
C.....	14.12	11.63	12.48	10.75
D.....	14.54	12.63	12.80	3.99
E.....	16.99	19.60	16.92	8.95
F.....	8.85	9.88	10.42	4.87
G.....	9.89	1.80	6.39	7.58
H.....	12.10	9.05	8.58	10.16
Illinois....	10.55	9.80	10.33	6.92

Nonacademic Salary Increases. With a single minor exception, the funds requested for nonacademic salary increases have been determined by calculation on the basis of the formula recommended by the staff of the Illinois Board of Higher Education. This formula had taken into consideration the deficiencies that appeared to exist in certain classifications, as of July 1, 1966. Since that date, the competitive situation for nurses' salaries in Chicago has become more acute, and the University has had to make emergency increases for the current year beyond the funds available in the present biennial budget for nonacademic salaries. Therefore, a supplemental increase has been included to adjust the original formula so as to bring the nurses' salaries up to competitive levels in the community.

B4. INCREASED ENROLLMENTS \$11 618 889

The levels of enrollment increase projected for the three campuses during 1967-69 are shown in Schedule D below. These figures are head counts for the fall term of each year and are presented to show the distribution of enrollments by the four educational levels used in the budget formula — as well as to provide figures with which earlier estimates and actual enrollments may be compared.

It should be noted, however, that the formula recommended by the staff of the Board of Higher Education has been used in calculating the funds requested for increased enrollments, and this formula is not based on fall-term enrollments

Schedule D. Fall Term Enrollments for 1965-66 and 1966-67 and Enrollment Projections for 1967-68 and 1968-69¹

<i>Fall Term</i>	<i>Freshman-Sophomore</i>	<i>Junior-Senior</i>	<i>Graduate I and Professional²</i>	<i>Graduate II²</i>	<i>Total</i>
<i>1965-66 Enrollment</i>					
Chicago Circle Campus.....	6 759	1 771	60	39	8 629
Medical Center Campus.....			2 242	141	2 383
Urbana-Champaign Campus..	11 358	8 756	4 190	3 637	27 941
<i>Total</i>	18 117	10 527	6 492	3 817	38 953
<i>1966-67 Enrollment</i>					
Chicago Circle Campus.....	7 519	3 269	73	60	10 921
Medical Center Campus.....			2 309	187	2 496
Urbana-Champaign Campus..	11 468	9 318	4 480	3 854	29 120
<i>Total</i>	18 987	12 587	6 862	4 101	42 537
<i>1967 Increase over 1966</i>					
Chicago Circle Campus.....	485	429	349	16	1 279
Medical Center Campus.....			89	9	98
Urbana-Champaign Campus..	-268	682	120	71	605
<i>Total</i>	217	1 111	558	96	1 982
<i>1967-68 Enrollment Estimates</i>					
Chicago Circle Campus.....	8 004	3 698	422	76	12 200
Medical Center Campus.....			2 398	196	2 594
Urbana-Champaign Campus..	11 200	10 000	4 600	3 925	29 725
<i>Total</i>	19 204	13 698	7 420	4 197	44 519
<i>1968 Increase over 1967</i>					
Chicago Circle Campus.....	1 296	960	151	93	2 500
Medical Center Campus.....			51	5	56
Urbana-Champaign Campus..	-200	400	175	100	475
<i>Total</i>	1 096	1 360	377	198	3 031
<i>1968-69 Enrollment Estimates</i>					
Chicago Circle Campus.....	9 300	4 658	573	169	14 700
Medical Center Campus.....			2 449	201	2 650
Urbana-Champaign Campus..	11 000	10 400	4 775	4 025	30 200
<i>Total</i>	20 300	15 058	7 797	4 395	47 550
Biennial Increase.....	1 313	2 471	935	294	5 013

¹ All figures are head counts.

² Chicago Circle figures include Social Work, administered from Urbana.

alone. Instead, estimates have been made of the total number of student-credit hours to be generated at each campus during the entire year 1966-67 (including the 1966 summer session and all sessions during the present academic year). Using such estimates as base figures, projections have been made in terms of total student-credit hours for each year of the biennium 1967-69. The increase in total student-credit hour load for each of these years, as compared with the preceding year, is used as the measure of annual enrollment increase for the purpose of calculating the funds needed for increased enrollment. The increases are determined for the four educational levels used in the enrollment reports and estimates.

Under the formula for estimating the cost of enrollment increases, the gains in student-credit hours as just described — for the four levels — have been multiplied by corresponding weighted average-cost figures developed from a cooperative study of instructional costs for 1964-65 conducted by the Budget Formula Committee and the staff of the Board of Higher Education. (The Medical Center campus was excluded from this study since its programs are unlike those conducted at any other campus of a state-supported university.)

It is questionable whether or not unit cost figures derived from 1964-65 data will yield valid estimates of the funds needed during 1967-68 and 1968-69 for handling the higher enrollments projected. The State Board staff assumes that increases in costs will not be strictly proportional to increases in enrollment, and that whatever cost inflation occurs during the three- or four-year period will be offset by the savings in those areas of cost that do not grow in strict linear relationship to enrollment. While this assumption is probably sound where relatively small percentages of increased enrollment are involved, it is questionable in the case of very large increases such as those projected for the Chicago Circle campus. In particular, the teaching-salary costs in such cases will grow in virtually direct proportion to enrollment and will probably show increases averaging 6 to 7 per cent per year on a national basis. A request for an incremental addition to the enrollment-increase funds to offset such cost increases was seriously considered by the University, but it finally was decided not to press for it for the coming biennium. Meantime, further careful studies of this problem will be made and, if the results seem to justify it, appropriate incremental increases would be requested in future years to offset deficiencies in the support yielded by this type of budget formula.

B5. OPERATING COSTS OF NEW BUILDINGS..... \$3 413 885

The additional funds needed for the operation and maintenance of buildings during 1967-69 are shown in detail in Schedule E beginning on the following page.

The first section of the table lists the new buildings to be occupied during 1967-69, grouping them by campuses and showing for each building the following information: floor area in gross square feet, estimated date of occupancy, funds needed for 1967-68 on an annual basis, the additional funds needed in 1968-69, and the biennial total requested.

The estimates of funds needed for the operation and maintenance of these buildings during 1967-69 were made in accordance with the guidelines provided by the staff of the Illinois Board of Higher Education. The general procedure was to multiply the number of gross square feet of area in each building by the standard figure of \$1.25 to derive an estimate of funds needed on an annual basis. In the case of buildings requiring funds in excess of this annual rate, detailed estimates have been developed in terms of procedures proposed by a task force of the Budget Formula Committee. The resulting calculations and other supporting detail will be submitted to the staff of the Board of Higher Education.

A second section of the table lists the buildings opened during 1965-67 for which no previous appropriations had been provided, and presents information about these buildings similar to that included for the new buildings in Section I. For such areas, the operating costs calculated on the basis of the 1965-67 budget standard of \$1.25 per gross square foot totaled \$563,557 — for the period of time during which these buildings were used in the 1965-67 biennium. The required funds were made available from appropriations for the operation of certain new buildings which were not completed in time for occupancy on the originally-scheduled dates.

Schedule E. Funds Needed for Operation of New Buildings

	<i>Floor Area (Gross Square Feet)</i>	<i>Oc- cupancy Date</i>	<i>Annual Funds 1967-68</i>	<i>Increase 1968-69</i>	<i>Total</i>
I. New Buildings — 1967-69					
<i>Chicago Circle</i>					
North Classroom...	17 100	8-67	\$ 27 874	\$ 2 533	\$ 58 281
South Classroom...	28 700	8-67	48 412	4 300	101 124
Science and Engi- neering Offices...	151 630	3-68	89 656	179 308	358 620
Art and Architec- ture.....	117 785	2-68	88 134	123 368	299 636
Library Addition...	132 030	3-68	81 598	163 195	326 391
Utilities Center Addition.....	5 400	8-67	7 013	636	14 662
Science and Engi- neering Labora- tory Addition....	175 370	3-68	171 008	343 483	685 499
<i>Subtotal</i>			(513 695)	(816 823)	(1 844 213)
<i>Medical Center</i>					
<i>East Dentistry- Medicine-Phar- macy Addition...</i>					
	58 640	9-67	76 159	15 268	167 586
<i>Medical Sciences Addition.....</i>					
	25 948	10-67	26 693	8 896	62 282
<i>Subtotal</i>			(102 852)	(24 164)	(229 868)
<i>Urbana-Champaign</i>					
<i>Undergraduate Library.....</i>					
	98 700	9-68		102 813	102 813
<i>Psychology Laboratory.....</i>					
	147 296	12-68		107 403	107 403
<i>Civil Engineering, Phase IIA.....</i>					
	68 800	5-69		20 422	20 422
<i>Krannert Center for the Perform- ing Arts.....</i>					
	261 775	9-68		299 753	299 753
<i>Nonacademic Personnel Offices</i>					
	13 650	4-68	4 266	12 797	21 329
<i>Subtotal</i>			(4 266)	(543 188)	(551 720)
<i>Total</i>			(620 813)	(1 384 175)	(2 625 801)
II. Areas Opened in 1965-67 for Which No Appropriations Were Provided					
<i>Chicago Circle</i>					
<i>Racine Avenue (Stein) Building</i>					
	245 261	7-66	306 576		613 152
<i>Hull House.....</i>					
	10 871	7-66	13 589		27 178
<i>Greenhouse.....</i>					
	5 000	5-67	6 250		12 500
<i>Subtotal</i>			(326 415)		(652 830)
<i>Medical Center</i>					
<i>Sangamon Street Building (Old Eye and Ear Infirmary).....</i>					
	67 843	9-66	84 804		169 608
<i>Subtotal</i>			(84 804)		(169 608)

	<i>Floor Area (Gross Square Feet)</i>	<i>Oc- cupancy Date</i>	<i>Annual Funds 1967-68</i>	<i>Increase 1968-69</i>	<i>Total</i>
<i>Urbana-Champaign</i>					
Library Air					
Conditioning.		4-66	41 240		82 480
Air Conditioning					
Various Areas.		7-65	15 000		30 000
Swine Research					
Facilities.	25 306	1-66	31 633		63 266
1201 West					
California (FAA)	2 424	9-65	3 030		6 060
907 West Nevada					
(Ed.)	1 295	9-65	1 619		3 238
Observatory					
Addition.	6 225	1-67	7 781		15 562
Turner Hall					
Greenhouses.	4 421	1-67	5 526		11 052
Animal Genetics					
Building.	2 400	7-66	3 000		6 000
1110 West Main					
(TV)	3 750	7-66	4 688		9 376
901 West Illinois					
(PE)	3 090	7-66	3 863		7 726
912 South Fifth					
(Provost)	3 711	7-66	4 639		9 278
57 East Armory					
(Ed.)	1 992	7-66	2 490		4 980
909 West Nevada					
(Psych.)	2 574	7-66	3 218		6 436
Farm Research					
Structures.	16 168	7-66	5 561		11 122
<i>Subtotal</i>			(133 288)		(266 576)
<i>Total</i>			(544 507)		(1 089 014)
III. Other Items (Urbana-Champaign)					
Payment to City of					
Urbana (Street					
Lighting)			1 765		3 530
Deduct Saving in					
1965-67 Budget					
Due to Delay in					
Opening New					
Buildings.			-152 230		-304 460
<i>Total</i>			(-150 465)		(-300 930)
<i>Grand Total</i>			<u>\$1 014 855</u>	<u>\$1 384 175</u>	<u>\$3 413 885</u>

The Racine Avenue (Stein) Building adjacent to the Chicago Circle campus — for which the largest item shown in Schedule E is requested — had been scheduled for demolition in the urban renewal program of the city of Chicago. But with the cooperation of the City and the Governor, this building was acquired during the present biennium to meet emergency needs for more office, classroom, and laboratory space. Another structure listed in Section II of Schedule E, the old Illinois Eye and Ear Infirmary Building, was transferred to the University by the Illinois Department of Children and Family Services, and it has been remodeled for use as research space by departments at both the Medical Center and the Chicago Circle campuses.

A third section of the table includes an item for payment to the city of Urbana for street lighting and lists a deduction from the total funds required made possible by a saving in 1965-67 appropriations due to delay in the opening of new buildings beyond the dates originally estimated in the budget request.

B6. OTHER INCREASES \$14 212 076

This general category includes a variety of items that mainly relate to increased costs anticipated for existing programs during 1967-69. But categories 6c (Organized Research) and 6d (Extension and Public Service) include items for substantial expansion and improvement of existing programs, and such items might well have been included under category 7 (New Programs and Major Improvements). It was decided, however, to limit category 7 primarily to instructional programs and to list all requests for funds in support of organized research under 6c and all increases for extension and public service under 6d (although most of these items would appear to qualify as "Major Improvements").

6a. Price Increases \$1 925 500

Estimates of funds needed for price increases have been calculated in accordance with the guidelines provided by the staff of the State Board of Higher Education. It has been assumed that prices would increase at 3.5 per cent per year for the following types of items: commodities, contractual services, travel, equipment, and stationery and printing. Included also are hospital and medical services and appliances for the Division of Services for Crippled Children. Estimated expenditures for such items during 1966-67 have been used as the base from which the price increase allotments have been calculated.

6b. Refunds

These funds are required in order that the University might make refunds to students for whom fees are remitted under University regulations. Payments of students fees are deposited in the University's income fund in the State Treasury. When a student withdraws or receives a scholarship after paying his fees, the refunds must be charged to the appropriation. With the enrollment increases projected, it is estimated that an additional sum of \$170,000 for the biennium will be required for refunds of fees.

6c. Organized Research \$1 897 700

(1) *Center for Urban Studies, Chicago Circle Campus (\$370,500)*. The establishment of a Center for Urban Studies has been under consideration at the Chicago Circle campus for some time, and it will become the focal point for the coordination of the research activities of interested faculty members in all of the colleges and divisions of the institution. The Center will serve to relate the University of Illinois at Chicago Circle to the metropolitan community in which it is located and, more generally, to the pressing problems of urban society.

Except for a small core staff, all of the regular faculty members of the Center will be affiliated with academic departments, and usually will be principally engaged in instruction within their special fields. The Center will provide the means to securing released faculty time for special studies, in which graduate students will be used extensively as research assistants.

It is estimated that the sum of \$144,400 would be needed for the first year of the biennium, in addition to funds that would be expected from grants. The appropriation would provide a full-time salary for the director, senior research staff time (3.0 FTE), research assistants (3.0 FTE), technical and other non-academic staff (5.0 FTE), and funds for wages, expense, and equipment.

(2) *Center for Health Care Research and Community Studies, Medical Center Campus (\$184,000)*. This Center would provide an interdisciplinary focus for research on health care and its community setting, which is expected to enlist the collaboration of all colleges and schools at the Medical Center campus. The problem has been under study for more than a year, and the present proposal has been prepared by a twenty-two man task force appointed last December by Chancellor (then Vice President) Begando. His action was taken in response to a resolution adopted at an earlier conference of eighty-two faculty members who met for two days to discuss future directions in education and research in the health professions at the University of Illinois.

The work of this Center will be concerned with such problems as the following: qualitative and quantitative aspects of the care of patients and the organization and delivery of its dental, medical, pharmaceutical, and nursing components; the maintenance of health; early detection of disease; estimates of the

incidence and prevalence of disease; aspects of social and community structure that influence patterns of health and illness.

It is expected that the Center will sponsor large-scale research and evaluation studies with support from outside sources, but a basic budget is required for a core staff that would maintain continuity in the Center's work and provide administrative direction.

(3) *Center for Education and Research in Genetics, Medical Center Campus (\$115,000)*. A relatively small request for funds is included to permit the College of Medicine to bring together faculty members from various departments in an interdisciplinary core program in medical genetics. It is expected that large-scale federal support for research in this area will be forthcoming, and that the major costs of the research program would be met from outside sources. Nevertheless, a limited amount of University funding seems desirable partly in order to provide a core of administrative support (a director and one additional academic staff member), together with clerical staff and funds for wages, expense, and equipment. The College of Medicine gives very high priority to the development of this program, which would fulfill a long-felt need in an important field of biological and medical science.

(4) *Water Resources Center, Urbana-Champaign Campus (\$135,000)*. The University of Illinois has been designated by the Governor as the state agency for the administration of federal appropriations allocated to Illinois on a "formula" basis under the Water Resources Research Act of 1964. The budget increase requested (\$60,000 for 1967-68 and \$75,000 for 1968-69) represents the funds needed in order for the state to participate in the matching-grant program established under that Act. These funds would be used to support research at public and private universities throughout the state, as determined by action upon applications submitted by institutions with interested and qualified staff members.

(5) *Computer-Based Education Research Laboratory, Urbana-Champaign Campus (\$120,000)*. This Laboratory was recently established within the Graduate College, and is expected to stimulate research throughout the University in its designated field. The amount requested on an annual basis for 1967-69 (\$60,000) is less than the estimate given in the statement sent to the State Board of Higher Education asking approval for the establishment of the Laboratory. These funds would provide salaries for 4.0 FTE administrative and research staff, 1.0 FTE clerical position, and a small sum for wages, expense, and equipment.

The Laboratory will emphasize the interaction of computer specialists, subject-matter specialists, and specialists in education and psychology—in large-scale studies of instruction at all educational levels. It is expected that the major part of the cost of the Laboratory's program would be met from outside grants and contracts.

(6) *Expanded Computer Services, Chicago Circle and Urbana-Champaign Campuses (\$973,200)*. The computer-service needs of the Chicago Circle and the Urbana-Champaign campuses have been combined here for purposes of presentation, although they are largely separate in program and in funding requirements. The possibility of a linkage between computer facilities at the two campuses, whereby Chicago Circle users who needed it could have access to the large-scale system proposed for Urbana-Champaign, is a matter that is being studied further in connection with the two parallel applications for support from the National Science Foundation. The decisions on the mode and extent of inter-campus linkage probably would not influence greatly the cost estimates made for the two current proposals—so far as the 1967-69 biennium goes.

Both the Chicago Circle and the Urbana-Champaign proposals are similar in these two respects: (a) both involve the installation of computers in the IBM 360 series; (b) both anticipate that the greater part of the rental and operating costs of their respective systems would be met from non-state sources (NSF grants and income from charges to research grants and projects). The Chicago Circle program calls for an IBM 360/40 computer in 1967-68 and an IBM 360/50 computer in 1968-69. The biennial rental and operating cost would be approximately \$1,000,000, of which \$298,200 in state funds is requested. The remainder would come from NSF and from charges to users.

The Urbana-Champaign program calls for an IBM 360/50 computer for the first six months of the 1967-69 biennium and an IBM 360/75 computer for the

remaining eighteen months. Together with other computers that would be gradually phased out of use during this period, the total biennial cost is estimated to be \$2,292,500, of which the sum of \$675,000 in state funds is requested. The remainder would come from an NSF grant and from charges to users.

Although these costs are heavy, there would seem to be no alternative to providing these improved services except serious deterioration in the scientific and engineering research activities of the University of Illinois. It should be noted in this connection that the extensive development of computer services by the Department of Computer Science at Urbana-Champaign over the past two decades has been financed very largely from non-state funds. This is the first request for a special appropriation for the support of computer services, although funds have been provided to the Department (formerly called the "Digital Computer Laboratory") for research on computers and for instruction.

6d. *Extension and Public Service*..... \$2 709 500

(1) *Matching Funds for Grants under Title I of the Higher Education Act (\$300,000)*. This sum appears to be a reasonable estimate of the funds which the University might appropriately use during the 1967-69 biennium for matching federal grants for community service projects. It is assumed that some \$70,000 would be required for 1967-68 and \$230,000 for 1968-69. These sums would represent, respectively, approximately 36 per cent and 38 per cent of the state's total allotments for these two years — under the authorizations for these programs. If less than the authorized amounts were actually to be appropriated by Congress, it seems probable that the total requested as a budget increase could well be spent for expanded University programs in this general area.

(2) *Matching Funds for Grants under the State Technical Services Act (\$300,000)*. The University's current program under the State Technical Services Act totals approximately \$300,000 for Fiscal Year 1967, to be used for the general purpose of encouraging improved technology in the industries of the state. For the 1967-69 biennium, the program would total approximately \$1,200,000. This would require some \$300,000 in matching funds from the University. The remainder would be financed from federal funds and from industry's contributions.

(3) *Division of University Extension (\$155,500)*. No increase in funds specifically for the Division of University Extension was requested for the 1965-67 budget, and the present request represents a very modest sum for increased enrollment (\$85,500) and new programs (\$70,000). The enrollment projections assume a decrease in freshman-sophomore enrollments, with virtually all of the increase being at advanced undergraduate and graduate levels. (Extension enrollments have not been included in the enrollment projections involved in the budget-formula calculations.) The new programs proposed would enable the Division to work with groups in various colleges interested in adult-education programs designed to improve the adjustment of professions to rapid changes in knowledge and to improve the impact of the University on community life.

(4) *Division of Services for Crippled Children (\$1,954,000)*. The University of Illinois is essentially an agency of the state for the administration of this program. It is almost entirely public-service in nature, and the major part is not very closely related to the University's work at the Medical Center campus. Of the total requested, the sum of \$1,136,000 would go to meet the increased costs of the current program — mainly for the higher cost of hospitalization and medical-dental fees. Without additional funds, it will be necessary to reduce the services of the Division.

The sum of \$168,000 is requested for improvements in existing programs, consisting principally in an increase in the number of professional personnel serving at the central administrative base and at the regional and district offices of the agency — plus funds for expense and equipment at these offices.

The sum of \$650,000 is requested for a new program, which would mean the addition of a single category of disability or illness not now included within the Division's range of services. (Dr. Edward F. Lis, the Director of the Division, cites children with visual handicaps, hemophilia, chronic asthma, and chronic renal conditions as being among the serious long-term disabilities which might be given attention by his Division, but which can not be treated within the present budgetary limits.)

6e. *Other Specific Items*..... \$7 509 376

(1) *Rental and Operation of Newly-Leased Space (\$414,516)*. The space in question is located both in Urbana-Champaign and in Chicago, and it represents areas occupied since July 1, 1966, or soon to be occupied. Except for the rental of a theatre for use by the Department of Speech and Theatre at Chicago Circle for instructional purposes, all of the space would be used as offices for faculty members or by administrative units. All of the space is critically needed, and the rental plus operating cost seems modest in relation to the total capital and operating costs of an equivalent amount of space in permanent University buildings.

(2) *Unfunded Costs of the Architectural Division of the Physical Plant Department (\$987,360)*. Heretofore, the costs of this Division, except for the director's salary, have been met mainly from charges for services assessed against the budgets of building and remodeling projects and of departments requiring architectural and engineering services. The Illinois Building Authority has recently ruled that no such charges may be made after July 1, 1967, against the project budgets for buildings being financed through that agency, even though University architects and engineers have been involved in the preliminary planning of such structures and would participate in the supervision of construction. The funds requested represent the anticipated costs of these activities in Chicago and in Urbana-Champaign for the 1967-69 biennium — based on detailed estimates of the actual time that would be required on the part of the several categories of personnel, plus indirect costs such as the following: vacations, leaves, and holidays; travel; equipment, supplies, and blueprints; miscellaneous expenses.

The Physical Plant Department has conducted a detailed study of the practices at other institutions concerning the financing of internal architectural and engineering services. In the light of this study, it appears that the cost levels projected are reasonable in relation to the total volume of construction involved. Hence, if this necessary work is to be done, an appropriation in the amount indicated will have to be provided.

(3) *Student Loan Matching Funds (\$67,500)*. This sum is estimated to be needed to match expected increases in federal grants to the University for loans to students.

(4) *Moving Expenses for New Faculty Members (\$416,500)*. Heretofore, the University has paid part of the moving costs of selected new members of the faculty, but has not been able to institute a University-wide, uniform policy concerning moving expenses. The competition from other institutions has grown so rapidly during the past year or two, however, that it now seems virtually certain that the University will have to pay a substantial part of such costs to the majority of faculty members recruited. The alternatives would be either to pay higher starting salaries (which is undesirable, since such a cost is recurring) or to become reconciled to appointments at lower than desired quality.

In order to meet these changed conditions, an additional appropriation for moving expenses of new faculty members is needed. In arriving at an estimate of the amount required, an average of \$500 per eligible individual has been assumed as a basis for calculation. The estimated number of reimbursements has been derived by considering two categories of new appointees. The first includes individuals added to fill newly-created positions required for increased enrollment. It has been assumed that only the number of such individuals required to teach upper-division and graduate students would be reimbursed. (Individuals who come to the University for their first job are not usually reimbursed in any amount for moving expenses.) The second category consists of individuals needed to fill vacancies arising within the existing staff due to resignations, retirements, and deaths. This number is assumed to be 6 per cent of the teaching faculty.

(5) *Deficiency in Funds for a Full Summer Quarter at Chicago Circle (\$440,000)*. The Chicago Circle budget for 1965-67 was based on a summer session of half a semester in length. Beginning with the summer of 1966, the length of the term was increased to a full quarter, representing a 50 per cent increase in length of time and a like increase in teaching-salary costs. The amount requested (\$220,000 per summer session for the next biennium) represents the unbudgeted salary component of the summer session costs for 1966. (The

enrollment-increase funds requested for the 1967 and 1968 summer sessions would provide funds for the full summer quarter for the additional students.)

(6) *Deficiency in Funds for Wages, Expense, and Equipment, Chicago Circle Campus (\$932,000)*. The funds needed for the operation of the Chicago Circle campus during the biennium 1965-67 have been far below a minimally satisfactory level, and the shortage has been acutely felt in two main areas: (a) the departmental budgets for wages, expense, and equipment; (b) funds for library acquisitions. The shortage in the first category stems partly from the serious inadequacies of expense and equipment budgets of all departments at Navy Pier — even for the lower-division programs offered there. With the move to Chicago Circle and the establishment of some twenty-five new departments, the level of costs increased enormously without commensurate increase in budgets. Temporary funds had to be used to meet the emergency, and the biennial budget for 1965-67 did not include sufficient incremental increases to offset the new cost levels.

A prominent example of an extraordinary increase in expense is found in the telephone charges: \$63,346 in 1964-65 vs. \$247,963 in 1965-66. This increase alone accounts for about 40 per cent of the amount requested as an annual budget increase for 1967-69.

During 1965-66, it was necessary to provide some \$300,000 in supplemental, nonrecurring funds for the Chicago Circle campus, and even with this additional support there was a residual deficiency at the end of the fiscal year amounting to \$194,556.

(7) *Expansion of the Teacher-Education Program, Chicago Circle Campus (\$203,200)*. These funds are needed to support several types of changes planned for the Division of Education and the teacher-education program at Chicago Circle during the coming biennium. The Division of Education probably will be reorganized into a College of Education, with a new curriculum in elementary education to provide junior-senior instruction for the several hundred students now enrolled in this program at freshman-sophomore level. For these reasons, and in order to remedy serious existing deficiencies, the practice-teaching program needs a very substantial increase in support which can not be secured from the regular enrollment-increase allotment under the budget formula. Among the new positions needed are the following: assistant dean, .5 FTE; coordinator of programs for the Council on Teacher Education, 1.0 FTE; practice-teaching supervisors, 3.33 FTE in 1967-68 and 5.0 FTE in 1968-69; cooperating teachers (in the public schools), a budget item of \$10,800; nonacademic staff, 1.0 FTE; wages, expense, and equipment, \$5,000.

(8) *Library Improvement at the Chicago Circle Campus (\$1,235,300)*. The principal need is for a total of \$755,900 for library acquisitions for the biennium, including funds for books, binding, processing staff, expense, and equipment. With this sum, it would be possible in time to overcome the woeful inadequacies of the basic library collection, stemming from the very low level of support available throughout the entire period at Navy Pier. With the extraordinary expansion of programs, both in number and in level, and especially with the proposed initiation of graduate study in 1967-68, it is imperative that the level of support for acquisitions be increased as recommended.

The remainder of the increase would be for the improvement of library services, especially for staff increases to remedy deficiencies that have existed ever since the move from Navy Pier. The total requested for increases in operating funds is \$479,400 for the biennium. After this addition, it should be possible to meet the needs arising from increased enrollment from funds provided under the enrollment-increase formula.

(9) *Internal Institutional Studies, Chicago Circle Campus (\$220,000)*. The increasing demand for institutional studies, generated internally as well as from requests from outside agencies, makes it essential that additional staff be provided to certain key offices at the Chicago Circle campus during the coming biennium. The existing staff of the main administrative offices does not have the time or the training, as a rule, to undertake the specialized types of studies required. Hence it is proposed to put six individuals in key offices at Chicago Circle in 1967-68, with primary responsibility for collecting data for internal studies, codification of the data, and the preparation of reports. Four nonacademic positions would be provided, together with funds for wages, expense, and

equipment. The total cost of \$110,000 per year would represent a relatively small investment in relation to the growing size and complexity of the Chicago Circle campus and to the overall level of its budget.

(10) *Medical Illustration Studios (\$78,000)*. This agency provides laboratory training for the curriculum in medical art and also serves as the central facility for audio-visual aids at the Medical Center campus (including instructional television). The growing responsibilities of the organization have not been paralleled by increases in its operating budget — primarily because the enrollment increase funds have not been sufficient to permit adequate allocations to the Medical Illustration Studios. The funds requested would provide a total of \$12,800 for the benefit of the curriculum in medical art, and \$26,200 for staff and expenses of the instructional television unit — making a total of \$39,000 on an annual basis, or \$78,000 for the biennium.

(11) *Improvement of Clinical Departments in the College of Medicine (\$614,000)*. This item and the following one are complementary in nature, since both relate to the improvement of the instructional and research program in the Research and Educational Hospitals. The College of Medicine carries in its budget the salaries of all of the staff physicians of the Hospitals, and the heads of the several clinical departments of the College are also the chiefs of their corresponding services in the Hospitals.

Because enrollment in the College of Medicine has been relatively static, except for a limited number of graduate students, it has been very difficult in recent years to increase the budgets of the clinical departments at all; and it hence has been quite impossible to add the kind of support necessary to enable these departments to keep pace adequately with the rapidly-growing demands of modern health-care practices. The sum of \$307,000 requested per year would provide a total of fifteen FTE academic positions in the several clinical departments, with \$114,000 of this amount being allotted to the Department of Surgery and its Division of Anesthesiology. There has been for some time a serious shortage in the number of anesthesiologists required to carry on the educational program, to supervise the training of resident anesthetists, and to furnish adequate professional services for the benefit of the surgical patients.

A search is now under way for a new head of the Department of Surgery, and it will be quite difficult, if not impossible, to secure a highly-qualified person for that position unless additional staff and other resources can be assured.

(12) *Research and Educational Hospitals (\$1,901,000)*. It has already been mentioned that an increase of some \$2,000,000 in income is expected from the Research and Educational Hospitals for the 1967-69 biennium. It is proposed, therefore, to increase the budget of the Hospitals by almost this entire amount, in order to overcome a severe shortage of funds in the current operating budget and to enable the Hospitals to maintain the quality of medical services expected of an institution devoted to teaching and research.

For the biennium 1965-67, the University requested a total of \$1,500,000 as an incremental appropriation for the purpose of overcoming the budgetary deficiency of the Research and Educational Hospitals. The Board of Higher Education approved only \$990,200 of the total amount requested, and the University reluctantly decided to accept this recommendation. But the deficiency of two years ago has remained and, furthermore, the Hospitals have not been able to keep pace with the growing demands of modern diagnosis and treatment. The following item from the Director of the Research and Educational Hospitals describes an important aspect of the difficulty:

"Without any increase in the number of patients cared for, either as bed patients or in an ambulatory state, there will be a significant rise in the cost of care. This increased cost stems principally from the need for more personnel to carry out the expanded scope of medical and hospital care which can, today, be applied to the diagnostic and curative processes. Twenty years ago the most complex surgical procedure might have required the services of eight professionals (four surgeons and assistants, three nurses, and an anesthetist). Today an open heart procedure will tie up a major operating theatre for six hours and require a team of twenty-four professionally and technically trained people. . . . Proof of this thesis lies in the number of hospital personnel per bed as reported nationally on an annual basis. In 1946,

taking into consideration *all* hospitals in the country, there were seventy-three personnel employed per one hundred patients. By 1965 this had virtually doubled — to one hundred thirty-nine."

Inasmuch as the sharp increase in hospital income promises to make the necessary budget increase possible without additional tax funds, it seems both feasible and equitable that the full increase requested for the Research and Educational Hospitals for 1967-69 be approved.

B7. NEW PROGRAMS AND MAJOR IMPROVEMENTS..... \$1 934 550

7a. *Chicago Circle Campus*..... \$861 050

(1) *New Graduate Programs (\$727,550)*. This incremental request represents costs to be incurred upon the initiation of graduate study at the Chicago Circle campus, over and beyond those to be met from funds derived from the enrollment-increase formula. Two types of costs are represented in this request: (a) those related to the Office of the Graduate College; (b) those related to the departments offering new graduate programs.

The funds requested by the Graduate College total \$344,000 and include the following items on a biennial basis: (a) academic staff, \$22,000; (b) nonacademic staff, \$35,000; (c) graduate fellowships, \$60,000; (d) faculty summer fellowships, \$27,000 (for junior faculty members, mainly in the social sciences and humanities); (e) funds for research grants to faculty members, \$185,000; (f) expense and equipment funds, \$15,000.

The incremental requests for the departments expected to be offering graduate study during the 1967-69 biennium have been carefully analyzed so as to eliminate any overlap with the funds derived from the enrollment-increase formula. The total requested is \$383,550 for the biennium, and this figure represents mainly the costs of the teaching staff required to offer an adequate program of graduate courses in each field. The incremental request includes funds for the salaries of instructors in excess of those provided by the budget formula, at an average salary of \$12,000 per instructor. Incremental items are included for expense and equipment only in the case of the science and engineering departments which require laboratory supplies.

(2) *Three New Departments (\$133,500)*. These funds are requested for administrative salaries, secretarial salaries, wages, expense, and equipment. The three departments and the biennial amounts requested are as follows: Anthropology, \$56,000; Slavic Languages, \$54,000; Classics, \$23,500. (The first two departments would be in operation throughout the 1967-69 biennium, while the Classics Department would not be organized until 1968-69.)

7b. *Medical Center Campus*..... \$197 000

(1) *Improvement of Programs in Associated Medical Sciences (\$67,000)*.

When the School of Associated Medical Sciences was established in 1963, insufficient funds were made available for the several curricula administered by that unit (especially Medical Record Administration and Occupational Therapy). Enrollments are small and the funds yielded by the budget formula are quite inadequate to provide the staff needed for a full curriculum in each specialty. There is heavy overloading at the present time, and the funds requested would provide additional teaching and clerical staff, together with a small amount for wages, expense, and equipment.

(2) *Improvement of Two Non-Clinical Departments in the College of Medicine (\$130,000)*. The Department of Biochemistry and the Department of Preventive Medicine and Community Health both are undergoing major changes in program direction and leadership. A new head has just been appointed for the latter department, while a search is now in progress for a head for Biochemistry. In the latter case, individuals who have visited the Department have emphasized the need for at least one additional staff member and a clerical position, together with funds for expense and equipment. Part of the requested total can be secured from enrollment-increase funds, but an additional sum of \$49,000 on a biennial basis is needed.

The newly-created Department of Preventive Medicine and Community Health will be expanded to include teaching, research, and service in the fields of nutrition, human genetics, and clinical preventive medicine (including rehabilita-

tion). The new Department represents the consolidation of two former small departments: the Department of Preventive Medicine and the Department of Public Health. The earlier departments have had quite small staffs and inadequate facilities. When Phase II of the Medical Sciences Addition has been completed, the new Department will have adequate facilities, and funds are requested for the addition of two FTE academic staff members, one nonacademic position, and funds for wages, expense, and equipment (totaling \$81,000 for the biennium).

7c. *Urbana-Champaign Campus* \$876 500

(1) *International Program in Agriculture (\$160,000)*. The College of Agriculture is planning a new educational and research program in international agriculture, in the expectation that a substantial grant will be forthcoming from the Agency for International Development (under the Foreign Assistance Act of 1966). This will be a highly important program involving several departments within the College, and should have long-range significance both for the University and for the country. The funds requested would provide a nucleus of support for administrative purposes and for the guarantee of a few tenured positions. The focus of the work initially would be upon Indian agriculture, and it is hoped that this on-campus program can be coordinated with the University's overseas contract program in India sponsored by AID.

(2) *Asian Studies (\$140,000)*. The sum of \$100,000 was requested for the 1965-67 biennial budget, but this amount was reduced to \$45,000 in the recommendation of the Board of Higher Education. With this sum, a small beginning has been made towards the support of the Center for Asian Studies. The purpose of the present request is to expand that program, with particular reference to offerings in Japanese and Chinese history and literature. The funds requested would provide four academic positions, two library positions, and two clerical positions. The additional incremental sum requested should make it possible for the Asian studies program to finance future expansion from funds secured from enrollment-increase allotments and from outside grants.

(3) *Graduate Training for Junior-College Personnel (\$89,000)*. This program is sponsored by the College of Education at Urbana-Champaign and is directed towards the training of administrative personnel and teachers for the junior colleges of the state. Together with staff already provided, the addition of \$44,500 on an annual basis would make possible a senior appointment in the field of administration, a specialist in the area of institutional research, a half-time assistant, a secretary, and funds for wages, expense, and equipment. The program is badly needed, and the College has well-developed plans for implementing it.

(4) *Major Reorientation of the Civil Engineering Curriculum (\$200,000)*. The Department of Civil Engineering at Urbana-Champaign is one of the most distinguished graduate and research departments in the country (ranking second in the recent study of the American Council on Education). The purpose of the present proposal is to reorganize and give totally new direction to the undergraduate curriculum in Civil Engineering. Extensive research and development has already been done in several aspects of the methodology that would underlie the new program — particularly through the work of the Civil Engineering Systems Laboratory established last year. The new approach would emphasize the use of computers in courses in structural analysis and in design processes, as well as in the programming of building construction and similar systems analysis related to Civil Engineering problems.

Initially, approximately one-third of the Civil Engineering curriculum would be shifted to the new program, and the entire curriculum would be changed as appropriate staff and laboratory facilities could be provided. The sum requested for 1967-69 would provide funds for additional staff (academic and nonacademic), and for wages, expense, and equipment.

(5) *New Program in Geology (\$124,000)*. Recently, a new head was appointed for the Department of Geology with the understanding that steps would be taken to strengthen the Department's work in certain neglected fields that are highly important in modern geology: structural geology, geophysics, and geochemistry. The Department has had no structural geologists for many years, and

it has been unusually weak in the fields of geochemistry and geophysics. The funds requested would provide three academic positions, three nonacademic positions (including two technicians), and funds for wages, expense, and equipment. The requested sum would provide the increment needed in order to introduce the work in these new fields, beyond the funds that might become available under the enrollment-increase formula.

(6) *Kronner Center for the Performing Arts (\$163,500)*. This Center is scheduled to be opened by September, 1968, and the funds requested would provide the minimal number of administrative and technical positions needed for its operation. A director would be appointed as of September, 1967, and the budget item for that year would provide a salary for a secretary, and funds for consultants, travel, and other expenses. During 1968-69, additional staff would be employed, including a business manager and technical staff for the operation of the facility.

Schedule F. Comparison of 1965-67 Appropriations by Object Classification and Fund With Appropriations Requested for 1967-69

	<i>Appropriation 1965-67</i>	<i>Estimated Expenditures 1965-67</i>	<i>Appropriation Requested 1967-69</i>
<i>General Revenue</i>			
Personal Services.....	\$162 611 562	\$162 611 562	\$208 765 736
Contractual Services.....	13 513 000	13 513 000	18 350 000
Travel.....	981 400	981 400	1 280 000
Commodities.....	5 418 600	5 418 600	8 300 000
Equipment.....	4 206 600	4 206 600	6 800 000
Retirement Contributions.....	6 957 500	6 957 500	12 302 700
Artificial Appliances.....	275 000	275 000	475 000
Hospital and Medical Services	2 400 000	2 400 000	4 075 000
<i>Total.....</i>	<u>\$196 363 662</u>	<u>\$196 363 662</u>	<u>\$260 348 436</u>
<i>University Income</i>			
Personal Services.....	\$ 4 950 000	\$ 5 026 366	\$ 5 200 000
Contractual Services.....	1 500 000	4 087 506	1 750 000
Travel.....	280 000	513 600	370 000
Commodities.....	1 000 000	2 774 714	1 100 000
Equipment.....	1 000 000	2 805 043	1 100 000
Contingencies.....	7 000 000	(?)	9 000 000
Refunds.....	330 000	474 923	500 000
Workmen's Compensation.....	100 000	116 000	112 500
Student Loan Matching.....	210 000	210 000	277 500
Permanent Improvements.....	1 000 000	1 300 000	1 200 000
Awards and Grants.....	730 000	791 848	790 000
<i>Total.....</i>	<u>\$ 18 100 000</u>	<u>\$ 18 100 000</u>	<u>\$ 21 400 000</u>
<i>General Revenue and Income Fund</i>			
Personal Services.....	\$167 651 562	\$167 637 928	\$213 965 736
Contractual Services.....	15 013 000	17 600 506	20 100 000
Travel.....	1 261 400	1 495 000	1 650 000
Commodities.....	6 418 600	8 193 314	9 400 000
Equipment.....	5 206 600	7 011 643	7 900 000
Contingencies.....	7 000 000	(?)	9 000 000
Refunds.....	330 000	474 923	500 000
Retirement Contributions.....	6 957 500	6 957 500	12 302 700
Workmen's Compensation.....	100 000	116 000	112 500
Student Loan Matching.....	210 000	210 000	277 500
Permanent Improvements.....	1 000 000	1 300 000	1 200 000
Artificial Appliances.....	275 000	275 000	475 000
Hospital and Medical Services	2 400 000	2 400 000	4 075 000
Awards and Grants.....	730 000	791 848	790 000
<i>Total.....</i>	<u>\$214 463 662</u>	<u>\$214 463 662</u>	<u>\$281 748 436</u>

¹ Included in other items.

Schedule G. Comparison of 1965-67 Appropriations by Activities and Object Categories With Appropriations Requested for 1967-69

General Revenue and Income Fund Combined

	<i>Allocations 1965-67</i>	<i>Estimated Expenditures 1965-67</i>	<i>Requested Allocations 1967-69</i>
<i>Administration</i>			
Personal Services.....	\$ 16 600 000	\$ 16 676 366	\$ 20 012 116
Contractual Services.....	2 600 000	3 288 083	3 200 000
Travel.....	115 000	115 000	120 000
Commodities.....	600 000	749 637	800 000
Equipment.....	150 000	150 000	180 000
Retirement Contributions.....	6 957 500	6 957 500	12 302 700
Workmen's Compensation.....	100 000	116 000	112 500
<i>Subtotal</i>	(\$ 27 122 500)	(\$ 28 052 586)	(\$ 36 727 316)
<i>Instruction (including research and extension)</i>			
Personal Services.....	\$132 180 700	\$132 180 700	\$169 890 197
Contractual Services.....	5 613 000	6 345 163	8 500 000
Travel.....	1 143 400	1 362 431	1 516 500
Commodities.....	5 118 600	6 206 643	7 400 000
Equipment.....	4 456 600	5 623 229	6 800 000
Refunds.....	330 000	474 923	500 000
Student Loan Matching.....	210 000	210 000	277 500
Distributive Items.....	2 675 000	2 675 000	4 550 000
Awards and Grants.....	730 000	791 848	790 000
<i>Subtotal</i>	(\$152 457 300)	(\$155 869 937)	(\$200 224 197)
<i>Physical Plant</i>			
Personal Services.....	\$ 18 780 862	\$ 18 780 862	\$ 24 063 423
Contractual Services.....	6 800 000	7 967 260	8 400 000
Travel.....	3 000	17 569	13 500
Commodities.....	700 000	1 237 034	1 200 000
Equipment.....	600 000	1 238 414	920 000
Permanent Improvements.....	1 000 000	1 300 000	1 200 000
<i>Subtotal</i>	(\$ 27 883 862)	(\$ 30 541 139)	(\$ 35 796 923)
<i>Contingencies</i>	7 000 000	(1)	9 000 000
<i>Total, University</i>	\$214 463 662	\$214 463 662	\$281 748 436

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 Illinois Accountancy Act of 1943, as amended, 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>
LARRY LEON DOWELL	Bettendorf, Iowa	Iowa
JOSEPH EDMOND FURMAN	Arlington Heights, Illinois	District of Columbia
ALAN SIDNEY KRAVITS	Chicago, Illinois	District of Columbia
JOHN RAYMOND O'BRYAN	Libertyville, Illinois	Ohio
CURTIS N. STRATE	Deerfield, Illinois	District of Columbia
DAVID LEON WARES	Grand Rapids, Michigan	Michigan
ROBERT STEVEN WINNETT	Wood River, Illinois	Indiana
ALBERT JAY WRIGHT III	Chicago, Illinois	New York

I concur.

On motion of Mr. Johnston, these certificates were awarded.

¹ Included in other items.

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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; B— two years; D— one year; E— nine months from the beginning of the academic year; G— special tenure; Y— twelve months' service required instead of two semesters.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

1. WILLIAM F. EICKER, Consultant with rank of Assistant Professor, Children's Research Center (Urbana), beginning September 1, 1966, without salary (DY).
2. PATRICK J. G. GRANT, Visiting Assistant Professor of English (Urbana), for the second semester of 1966-67, at a salary of \$4,400 (D).
3. TOSHIO IINO, Visiting Professor of Accountancy (Urbana), for the academic year 1966-67, on one-half time, at a salary of \$6,000 (E50).
4. GIUSEPPE INGHILLERI, Visiting Professor of Civil Engineering (Urbana), for three months from March 1, 1967, at a salary of \$5,000 (G).
5. LAWRENCE JACQUES, Assistant Professor of Health Science and Staff Physician, Health Service (Chicago Circle), on one-half time, beginning September 15, 1966, at an annual salary of \$7,500 (DY50).
6. PATRICIA V. JOHNSTON, Visiting Assistant Professor of Food Science (Urbana), for six months from December 1, 1966, at a salary of \$5,000 (G).
7. ERIC L. KOHLER, Visiting Professor of Accountancy (Urbana), for the first semester of 1966-67, at a salary of \$5,000 (E).
8. WAYNE A. MADSEN, Assistant Professor of Systems Engineering (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,500 (B).
9. MYRON B. MANLEY, Clinical Counselor with rank of Assistant Professor in the Student Counseling Service (Urbana), beginning September 1, 1966, at an annual salary of \$11,500 (DY).
10. RICHARD C. MURRAY, Assistant Professor of Nursing (Medical Center), on one-half time, beginning September 1, 1966, at an annual salary of \$4,500 (DY50).
11. EMMA B. WHITEFORD, Visiting Professor of Vocational and Technical Education (Urbana), for the academic year 1966-67, at a salary of \$11,000 (E).

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

APPOINTMENT OF CHANCELLOR, URBANA

(4) At its meeting of June 15, 1966, the Board of Trustees approved the establishment of an administrative position to be designated Chancellor of the University of Illinois at Urbana-Champaign.

After consultation with appropriate administrative officers, and with the advice of a committee selected by the Urbana-Champaign Senate,¹ I now recommend the appointment of Jack W. Peltason, presently Vice-Chancellor for Academic Affairs at the University of California at Irvine, as Chancellor of the Urbana-Champaign Campus. The appointment would become effective at a date yet to be determined but no later than September 1, 1967. Dr. Peltason is also recommended for appointment as Professor of Political Science on indefinite tenure.

The appointment is recommended on a twelve-month service basis and at a salary of \$32,000.

As indicated earlier, the Chancellor, under the direction of the President, will serve as the chief executive officer for the campus. He will perform such duties as may be delegated and assigned to him by the President and as may be consistent with the *Statutes* of the University and the actions of the Board of Trustees. Comparable positions now exist, by action of the Board of Trustees, at the Chicago Circle campus and at the Medical Center.

¹ John Bardeen, Professor of Electrical Engineering and of Physics; Herbert S. Gutowsky, Professor of Physical Chemistry; Robert W. Johannsen, Professor of History and Chairman of the Department; Solomon B. Levine, Professor of Asian Studies and of Labor and Industrial Relations, and Director of Asian Studies Center; Glenn W. Salisbury, Professor of Dairy Science and Head of the Department; Victor J. Stone, Professor of Law.

Although Dr. Peltason is well-known to the Trustees from his previous service in the University, a general outline of his career is supplied in the attached statement.

On motion of Mr. Dilliard, this appointment was approved.

**ACTING DEANSHIP OF COLLEGE OF ENGINEERING,
CHICAGO CIRCLE**

(5) The Chancellor at Chicago Circle has recommended the appointment of Rupert M. Price, presently Associate Professor of Physics, *Emeritus*, as Professor of Engineering and Acting Dean of the College of Engineering at Chicago Circle for eight months beginning January 1, 1967, at an annual salary of \$24,500 on a twelve month-service basis.

Professor Price will replace Dean Robert B. Banks who has submitted his resignation effective December 31, 1966, so that he may accept a position with the Ford Foundation.

The Dean of the Graduate College and the Executive Vice-President and Provost concur.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

CHAIRMANSHIP OF THE DEPARTMENT OF HISTORY, URBANA

(6) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Professor Clark C. Spence as Chairman of the Department of History at Urbana for two years beginning September 1, 1967. The salary will be determined when the budget for 1967-68 is submitted to the Board for approval.

Professor Spence will succeed Professor Robert W. Johannsen who will have served two consecutive two-year terms, and will not be eligible for reappointment under the by-laws of the Department of History.

This recommendation is submitted after consultation with members of the Department and on nomination of its Executive Committee. The Executive Committee of the College of Liberal Arts and Sciences and the Executive Vice-President and Provost have been consulted and concur in this recommendation.

I recommend approval.

On motion of Mr. Pogue, this appointment was approved.

**COLLEGE OF EDUCATION AND SCHOOL OF PHYSICAL EDUCATION,
CHICAGO CIRCLE**

(7) The Chancellor of the Chicago Circle campus recommends the establishment on that campus of a College of Education, within which would also be established a School of Physical Education. The College would be authorized to grant degrees in both fields.

At present there are at Chicago Circle a Division of Education and a Division of Physical Education. The existing organization is that approved by the Board of Trustees on February 15, 1961, when the initial educational program for the new campus was approved.

As indicated in the Chancellor's recommendation and supporting memorandum (a copy of which is being filed with the Secretary of the Board for record), the recommendation is made in fulfillment of a history of University commitments and planning to meet the pressing, and growing, need for teachers in the elementary and secondary school systems. At present 1,275 students have enrolled in programs in secondary education up to the senior year. A total of 475 students have enrolled in elementary education through the sophomore year. Over 200 are enrolled in degree programs in physical education. All of the curricula leading to degrees in these fields have been approved by the Board of Trustees.

In addition to the University's obligations and commitments to the hundreds of students and the various agencies of the state of Illinois, a comprehensive organization and program for the training of teachers is an integral part of the University's total approach to its urban environment and calling. The need for teachers is nowhere more keenly felt than in the urban areas.

The College of Education at Chicago Circle would perform the following functions:

- (a) Offer the professional education courses needed for undergraduate teacher-education curricula;
- (b) Develop suitable graduate programs designed to train high-level professional personnel in educational administration and research;
- (c) Conduct research and development in educational methods and materials (in collaboration with subject-matter specialists), with special reference to the needs of disadvantaged students;
- (d) Maintain effective liaison relationships with the profession of education at local, state, and national levels.

Presentation to the Board of Higher Education of the curriculum in elementary education, which was approved by the Board of Trustees on April 23, 1965, has been delayed since last December to make possible a description of the organizational structure, including a determination of the appropriate degree-granting college. It is an established University practice that degrees are granted only by colleges. (In the case of programs in secondary education, the degrees would be granted by those colleges with corresponding responsibilities for the subject matter fields.)

It is evident from the Chancellor's memorandum that the advice of the Chicago Circle Senate is not in accord with the recommendation now presented to the Trustees. A small majority in the Senate recommended another alternative, i.e., to establish a graduate school of education.

The present recommendation, however, is supported by the administrative officers, including the Executive Committee of the Chancellor's Administrative Council, and by the Chicago Circle Council on Teacher Education. The latter has cognizance over all programs in teacher education on that campus. The Council is chaired by the Dean of Faculties and composed of the deans of all colleges with departments related to programs in secondary education.

Therefore, I recommend provisional approval of the recommendation of the Chancellor, with the stipulation that the Trustees defer final approval until the present action has been reported to the Chicago Circle Senate for its information and further advice. Such advice should be received before the December 8, 1966, meeting of the Board of Trustees, in order that final action may be taken at that meeting.¹ Action by a date no later than this is necessary if the University is to complete its commitments to students in elementary education. Final action by the Board of Trustees would be subject to further action by the Illinois Board of Higher Education.

On motion of Mrs. Watkins, this recommendation was approved.

PROGRAM FOR STUDY IN EUROPE FOR STUDENTS IN ARCHITECTURE

(8) The Dean of the College of Fine and Applied Arts recommends that the Board of Trustees authorize a program of study in Europe by students in the architecture curriculum. The Executive Vice-President and Provost and the Director of International Programs concur in this recommendation.

The program would enable thirty University of Illinois students in their upper junior year in architecture to spend a semester in accredited study abroad.

Students would follow a program nearly identical with the normal curriculum but adapted to the opportunities available in this particular location which is accessible to hundreds of significant examples of architecture and civic spaces, old and new. For example, the program will include (1) firsthand examination of historic monuments and spaces and their significant contemporary counterparts, (2) meeting outstanding European leaders of the architectural profession and scholars in other disciplines, (3) broadening their cultural backgrounds and promoting international understanding.

The location intended as a base for this program is the chateau of La Napoule, in southern France, which would be made available by the La Napoule Art Foundation. The Foundation expects no profit from the use of its property, but would require reimbursement for operating expenses.

Instruction at La Napoule would be given by three members of the Department of Architecture. Thus, the instructional load would be ten full-time

¹ It is understood that appropriate modification of the University Statutes will be made to reflect the change in program once it is approved.

equivalent students per instructor, which is slightly higher than that for junior-level students in architecture at Urbana-Champaign. The total costs of instruction will not exceed those at Urbana-Champaign so far as the expenditure of state funds is concerned.

Transportation costs of staff and operational costs of the studio will be covered by private gifts to the Department of Architecture. Students would incur approximately the same living costs as they presently do at the Urbana campus, plus travel and personal expenses.

Since some of the most significant developments in architecture, urban development and planning are occurring in Europe, it seems important that American architectural students become acquainted with these at firsthand.

I concur subject to approval of contract negotiations by the Legal Counsel.

On motion of Mr. Swain, this recommendation was approved.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(9) The Committees on Nonrecurring Appropriations, the Executive Vice-President and Provost, and the Vice-President and Comptroller recommend the following appropriations:

From Urbana-Champaign Contract Research Reserve

Renovation and remodeling for which funds are assigned to the Physical Plant Department:
Remodeling in Electrical Engineering Research Laboratory to conduct research \$ 20 710 00

From Chicago Circle General Reserve

To supplement operating funds in departmental budgets:
General Administrative Offices..... \$100 900 00
College of Architecture and Art..... 52 675 00
College of Business Administration..... 28 946 00
College of Engineering..... 86 037 00
College of Liberal Arts and Sciences..... 220 971 00
Library..... 19 405 00
Total, Chicago Circle General Reserve..... \$508 934 00

From Medical Center General Reserve

Renovation and remodeling for which funds are assigned to the Physical Plant Department:
Remodeling in the Dentistry-Medicine-Pharmacy Building for the College of Medicine and the Office of Admissions and Records \$ 10 400 00
Air conditioning the main dining room of the Dietary Department in the Research and Educational Hospitals..... 17 700 00
Remodeling in the Research and Educational Hospitals to provide storage and locker space for the Dietary Department and Housekeeping 32 150 00
Total, Medical Center General Reserve..... \$ 60 250 00

From Medical Center Contract Research Reserve

Library
Library of Medical Sciences, equipment..... \$ 16 800 00
Renovation and remodeling for which funds are assigned to the Physical Plant Department:
Remodeling in the Dentistry-Medicine-Pharmacy Building for the Department of Anatomy..... 10 950 00
Air conditioning and remodeling in the Dentistry-Medicine-Pharmacy Building for classrooms and seminar rooms..... 14 920 00
Remodeling in the Dentistry-Medicine-Pharmacy Building for the Department of Biochemistry..... 111 100 00
Total, Medical Center Contract Research Reserve..... \$153 770 00
Grand Total \$743 664 00

I concur.

On motion of Mr. Swain, these assignments of funds were approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

CONTRACTS FOR REMODELING IN NATURAL HISTORY BUILDING, URBANA

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of cost-plus contracts for remodeling thirty-six rooms in the Natural History Building for the Department of Geology, the award in each case to the lowest bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Total Estimated Fee Payments</i>
General — Dean Evans Co., Champaign	2	25	10	\$9 300 00
Electrical — William H. Brunkow, doing business as Brunkow Electric Co., Champaign	8	24	0	2 144 00
Plumbing — David W. Reichard Plumb- ing & Heating Co., Inc., Urbana	20	40	10	2 470 00
Heating, Piping, Refrigeration and Auto- matic Temperature Control Systems— W. L. Rogers, an individual doing busi- ness as Cool-Rite Refrigeration, Urbana	20	25	5	1 600 00
Ventilation and Distribution Systems for Conditioned Air — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana	20	25	5	1 590 00

Since W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana, is the lowest bidder with identical bids for heating, piping, refrigeration, and automatic temperature control systems work and ventilation and distribution systems for conditioned air work, it is also recommended that these two awards be combined into a single contract in lieu of separate contracts.

The estimated total cost of the work is \$141,580. Funds are available from an appropriation approved by the Board of Trustees on July 27, 1966.

Submitted herewith is a report from the Physical Plant Department, including a schedule of all bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

CONTRACTS FOR HOUSING MAINTENANCE BUILDING, URBANA

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of contracts for the remodeling of the temporary Orchard Downs Food Service Building (now located in one of the Orchard Downs parking lots) and its relocation to the area between the proposed married student housing project and the existing Orchard Downs area where it will be used as a maintenance building for all Housing Division work. The award in each case is to the lowest bidder.

General — Lofton E. DeVore, an individual doing business as L. E. DeVore Co., Decatur	\$103 125 00
Electrical — Potter Electric Service, Inc., Urbana	16 480 00
Plumbing — David W. Reichard Plumbing & Heating Co., Inc., Urbana	12 383 00
Ventilation — Petry Roofing and Sheet Metal Co., Champaign	18 175 00
	<u>\$150 163 00</u>

Funds are available in the Housing Division maintenance account.

Submitted herewith is a report from the Physical Plant Department, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

CONTRACT FOR INTERIOR DECORATING SERVICES, URBANA

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend the continued employment of Mrs. Florence Korff, Champaign, for interior decorating consulting services until June 30, 1967, on the same terms and conditions as the existing contract, provided that the maximum cost to the University will not exceed \$10,000 unless approved by the University in advance.

The services will be used primarily in the residence halls and Illini Union.

Funds will be provided from the budgets for the projects on which the services are used.

I concur.

On motion of Mrs. Watkins, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

CONTRACTS FOR PURCHASE OF HIGH-VOLTAGE POWER CABLE AND SWITCHGEAR EQUIPMENT FOR ABBOTT POWER PLANT, URBANA

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of contracts for the purchase of high-voltage power cable and switchgear equipment to be installed at the Abbott Power Plant, the award in each case to the only bidder.

Division AA — High-Voltage Power Cable — The Okonite Company, Passaic, New Jersey.....	\$22 269 67
Division BB — Switchgear — General Electric Company, Chicago....	46 975 00

Funds are available for this work in state capital appropriations to the University for addition to the Power Plant and extension of utilities, and have been released.

I concur.

On motion of Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

CONTRACT FOR COIN-OPERATED LAUNDRY EQUIPMENT, MEDICAL CENTER

(14) The Vice-President and Comptroller recommends award of a contract for installation and operation of coin-operated laundry equipment in the housing areas at the Medical Center campus to the Friend Equipment Corp., Chicago. The company will pay the University \$8.00 per month per installed machine, which is the best proposal in terms of commission to be paid to the University.

The proposal includes providing service until June 30, 1967, subject to automatic renewal on the same terms and conditions for each year thereafter unless terminated by the University of Illinois or the Friend Equipment Corp. on sixty days' notice.

The Business Manager and the Director of Union and Housing at the Medical Center concur in this recommendation.

I recommend approval.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE THE
CONSTRUCTION CONTRACT FOR CHICAGO CIRCLE
CAMPUS, PHASE II**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board request the Illinois Building Authority to authorize an increase of \$25,328.11 in the contract with the Gust K. Newberg Construction Co., Chicago, for construction of Chicago Circle Campus, Phase II. This increase will make possible the substitution of face brick for the concrete block specified on the south wall of the Science and Engineering Laboratories Building.

Funds are available for this work.

I concur.

On motion of Mr. Jones, this change in contract was authorized.

**EMPLOYMENT OF SARGENT & LUNDY FOR LONG-RANGE UTILITY
CENTER AND DISTRIBUTION SYSTEM STUDIES
AT CHICAGO CIRCLE CAMPUS**

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of Sargent & Lundy, Chicago, for long-range studies for expansion of the Utility Center and the related distribution systems at the Chicago Circle campus at an estimated cost of \$28,500.

The fee for this service will cover engineering and drafting costs at actual salaries and wages, plus 100 per cent for overhead and profit and other miscellaneous direct expenses at actual cost.

Funds for this work are available in capital appropriations to the University for 1965-67 and have been released.

I concur.

On motion of Mr. Johnston, this recommendation was approved.

ANTITRUST LITIGATION

(17) On October 7, 1964, suit was filed on behalf of the University in the Federal District Court at Chicago (Case No. 64 C 1708) against certain manufacturers of metal library shelving who had been defendants in an earlier federal antitrust proceeding. On May 19, 1965, the Board authorized settlement with one of the defendants, and on October 13, 1966, settlement was authorized with certain other defendants.

Subsequent negotiations with the remaining defendant (Sperry Rand Corporation) have developed a settlement offer from that company in the total amount of \$52,000, representing approximately 30 per cent of the University's purchases from that company during the period in question. The offer to the University is contingent upon acceptance of similar settlement offers made by the defendant to certain state governments (including Illinois) and other educational institutions. Acceptance of the offer will result in a final disposition of the litigation.

The Vice-President and Comptroller and the Legal Counsel regard the offer and settlement as reasonable and recommend it be approved and authorized by the Board. They further recommend that the Comptroller and the Secretary be authorized to execute and deliver such documents and papers as may be necessary and desirable to effectuate the settlement.

I concur.

On motion of Mr. Swain, this recommendation was approved.

ESTATE OF RICHARD BARNES STITH

(18) The University of Illinois is one of the beneficiaries under the Last Will and Testament of Richard Barnes Stith, deceased. The composition of the estate and the University's ultimate participation are dependent upon the interpretation of Mr. Stith's Will as well as the wills of other persons who predeceased him. The decedent's son has filed a suit in the Circuit Court of the

Tenth Judicial Circuit of Marshall County, Illinois (No. 66E 101), seeking a construction of all the wills.

The Vice-President and Comptroller and the Legal Counsel recommend that the Board of Trustees authorize the Legal Counsel to appear in the proceedings for the protection of the University's rights in the matter, and to employ such special legal counsel as he may deem necessary or appropriate to assist him in connection therewith.

I concur.

On motion of Mr. Swain, this recommendation was approved.

**EASEMENTS TO ILLINOIS POWER COMPANY
FOR ELECTRICAL SERVICE**

(19) The University has requested the Illinois Power Company to provide electrical service at the Firemanship Training Facilities, which have been constructed by the Illinois Building Authority, and in the adjacent Children's Research Center building in the Mental Health Center complex. Service is also required for the Adler Clinic of the State Department of Mental Health facilities.

In order to provide the service, the Illinois Power Company has requested the granting of easements for electric power lines over University property and Illinois Building Authority property.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend:

1. Granting an easement over a strip of land in Section 24, Township 19 North, Range 8 East of the Third Principal Meridian, starting at a point approximately 780 feet east of the Illinois Central Railroad on Windsor Road extended, and running north approximately 1,130 feet to the Illinois Building Authority property; and,
2. Submitting a request to the Illinois Building Authority to grant an easement over its property from the University easement north approximately 200 feet and east approximately 170 feet, where the utilities service will interconnect with the State Department of Mental Health and University distribution system for the Mental Health Center complex.

I concur and recommend adoption of the following resolutions.

**Resolution Requesting Electric Transmission Line Easement Be Granted
to Illinois Power Company by Illinois Building Authority Over Site
of Fire Training Building and Related Facilities**

WHEREAS, in accordance with the provisions of "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended, and Resolution No. 65-1BA-4 adopted on the 25th day of January, 1965, by the Illinois Building Authority, a body corporate and politic of the State of Illinois, created under said mentioned Act, The Board of Trustees of the University of Illinois, a public Corporation of the State of Illinois, pursuant to a resolution adopted by its Board of Trustees at its meeting on the 23rd day of April, 1965 transferred jurisdiction, by Instrument of Transfer dated June 15, 1965, to the Illinois Building Authority of the site for the Fire Training Building and related facilities, Urbana-Champaign to be constructed by the Illinois Building Authority on behalf of the Department of Public Safety of the State of Illinois; and

WHEREAS the Illinois Building Authority now has jurisdiction over said site described as:

Situated in the State of Illinois, the County of Champaign, and being a part of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of Section 24, Township 19 North and Range 8 East of the Third Principal Meridian, and more fully bounded and described as follows:

Beginning at a corner on the North line of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of said Section 24, said corner being 170.0 feet East of the NE corner of the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of said Section 24 and being marked with an iron pipe monument; thence Southerly along a line parallel to the East line of the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of said Section 24, a distance of 80.0 feet to a corner, said corner

being marked with an iron pipe monument; thence Westerly along a line parallel to the said North line of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of Section 24, a distance of 170.0 feet to a corner, said corner being marked with an iron pipe monument, thence Southerly along the said East line of the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 24, a distance of 120.0 feet to a corner, said corner being marked with an iron pipe monument; thence Westerly along a line parallel to the said North line of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of Section 24, a distance of 420.0 feet to a corner, said corner being marked with an iron pipe monument; thence Southerly along a line parallel to the said East line of the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 24, a distance of 500.0 feet to a corner, said corner being marked with an iron pipe monument; thence westerly along a line parallel to the said North line of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of Section 24, a distance of 200.0 feet to a corner, said corner being marked with an iron pipe monument; thence Northerly along a line parallel to the said east line of the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 24, a distance of 200.0 feet to a corner, said corner being marked with an iron pipe monument; thence Easterly along a line parallel to the said North line of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of Section 24, a distance of 150.0 feet to a corner said corner being marked with an iron pipe monument; thence Northerly along a line parallel to the said East line of the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 24, a distance of 500.0 feet to a corner, on the said North line of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of Section 24, said corner being marked with an iron pipe monument; thence Easterly along said North line of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of Section 24, a distance of 640.0 feet to the place of beginning, containing 4.19 acres, more or less; and

WHEREAS the Illinois Power Company, an Illinois Corporation, has requested an easement over a part of said site so that it may provide electrical service to the Fire Training Building and related facilities and other adjoining property of this public Corporation and the State of Illinois.

Now, Therefore, Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public Corporation of the State of Illinois, that the Illinois Building Authority, a body corporate and politic of the State of Illinois, be, and hereby is, requested to grant to Illinois Power Company, an Illinois Corporation, its successors and assigns, the right and easement to erect, reconstruct, operate, patrol, maintain, renew and remove electric transmission and distribution lines, and other equipment appurtenant thereto, for the transmission and distribution of electrical energy through, over and across certain lands hereinafter described and the right of ingress to and egress therefrom, and which right-of-way easement shall remain in full force and effect from the date granted and for so long thereafter as said electric transmission and distribution lines are continued in service and have not been abandoned and discontinued.

The right-of-way easement shall be over the following described property, viz :

A strip of land 5 feet of even width and 170.0 feet in length, being the North 5 feet of the East 170.0 feet of the above described tract of land; and, upon a strip of land 15 feet of even width and 80 feet in length, being the West 15 feet of the East 170.0 feet of the above described tract of land; and also, upon a strip of land 15 feet of even width and 200 feet in length, being the West 15 feet of the East 185 feet of the above described tract of land.

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

Resolution Authorizing Electric Transmission Line Easement to Illinois Power Company Over Property of the University of Illinois for the University of Illinois Children's Research Center, Fire Training Building and Related Facilities, and Herman M. Adler Clinic

Be It, and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, a public Corporation of the State of Illinois, that the Comptroller and the Secretary of this public Corporation be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corpora-

tion such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Illinois Power Company, an Illinois Corporation, hereinafter referred to as "Grantee", its successors and assigns, the right and easement to erect, reconstruct, operate, patrol, maintain, renew and remove electric transmission and distribution lines, and other equipment appurtenant thereto, for the transmission and distribution of electric energy through, over and across certain lands hereinafter described and the right of ingress to and egress therefrom; the rights and easement granted to be limited to the extent that this public Corporation has the present right and capacity to grant the same. Grantee shall agree to repair any damage caused to property of this Corporation by the erection, reconstruction, operation, patrolling, maintenance, renewing and removing of said electric transmission and distribution lines, and to indemnify this Corporation and its representatives from liability in connection with Grantee's activities. The right-of-way easement shall remain in full force and effect from the date granted and for so long thereafter as said electric transmission and distribution lines are continued in service and have not been abandoned and discontinued. Upon termination of the easement Grantee shall peaceably surrender possession of said premises to this Corporation and full and complete title then shall remain in this Corporation free and clear of said easement and without necessity of re-entry or demand. The right-of-way easement shall be over the following-described property:

Situated in the State of Illinois, the County of Champaign, and being a part of the South One-half (S $\frac{1}{2}$) of the South One-half (S $\frac{1}{2}$) of Section Twenty-four (24), Township Nineteen North (T-19-N), and Range Eight East (R-8-E) of the Third Principal Meridian, and being more fully bounded and described as follows:

A strip of land being the east 15.0 feet of the southwest $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of said Section 24 except the north 200.0 feet of the above described tract of land and a strip of land being the west 15.0 feet of the southeast $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of said Section 24 except the north 80.0 feet of the above described tract of land.

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

EASEMENT TO ILLINOIS POWER COMPANY FOR A TWELVE-INCH GAS MAIN, URBANA

(20) The Illinois Power Company, as part of its long-range program for gas distribution for the Urbana-Champaign area, proposes to install a twelve-inch pressure gas main adjacent to the east right-of-way of the Illinois Central Railroad. The property is west of the Mental Health Center complex and Firemanship Training Facilities. The Company proposes to pay \$5.00 per rod for an easement and has also agreed to abandon an existing diagonal easement over the property within ten years.

A request is also being submitted to the University of Illinois Foundation for the granting of an easement over its property immediately south, under the same terms and conditions.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board authorize the granting of the easement over this property for the installation of the twelve-inch gas main.

I concur and recommend adoption of the following resolution.

Resolution Authorizing 12" High Pressure Gas Main Easement to Illinois Power Company Over Percival Property and Adjacent to the East Right-of-Way Line of the Illinois Central Railroad

Be It, and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this corporation be, and they hereby are, authorized to execute, acknowledge and deliver in the name and on behalf of this corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Illinois Power Com-

pany, an Illinois corporation, hereinafter referred to as "Grantee", its successors and assigns, the right and easement to construct, reconstruct, operate, maintain, repair, alter, replace, move and remove a 12" high-pressure gas main and other equipment appurtenant thereto under, through and across the land hereinafter described and the right of ingress to and egress therefrom; the rights and easement granted to be limited to the extent that this public corporation has the present right and capacity to grant the same. Grantee shall agree to repair any damage caused to property of this corporation by the construction, reconstruction, operation, maintenance, repairing, alteration, moving and removing of said gas main and to indemnify this corporation and its representatives from liability in connection with Grantee's activities. The right-of-way easement shall remain in full force and effect from the date granted and for so long thereafter as said gas transportation line is continued in service and has not been abandoned or discontinued. Upon termination of the easement Grantee shall peaceably surrender possession of said premises to this corporation and full and complete title then shall remain in this corporation free and clear of said easement and without necessity of re-entry or demand. The right-of-way easement shall be over the following described property:

Situated in the State of Illinois, the County of Champaign, and being a part of the Southeast Quarter of Section 24, Township 19 North, Range 8 East of the Third Principal Meridian and being more fully bounded and described as follows:

The West 20 feet of all that part of the south half of the Southeast Quarter of Section 24, Township 19 North, Range 8 East of the Third Principal Meridian lying east of the east line of the Illinois Central Railroad right-of-way.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

AMENDMENTS OF POLICY FOR INVESTMENT OF FUNDS AND INVESTMENT PROCEDURES

(21) On June 20, 1962, the Board of Trustees authorized the investment of current restricted funds in United States government securities maturing not more than eighteen months from the date of purchase, in commercial paper of certain specified corporations in amounts not exceeding \$500,000 in any one of them, and in certificates of deposit and interest-bearing accounts in certain specified banks. These investments may be made by the Comptroller without prior approval of the Finance Committee or the Board, but with a later report to the Board.

The Finance Committee has approved amendments to that action taken June 20, 1962, as follows: Increase to \$1,000,000 the amount of current funds which may be invested in commercial paper of each of the specified companies; add Associates Investment Company to the list of companies; add authority to invest up to \$3,000,000 in Federal National Mortgage Association obligations maturing not more than eighteen months from date of purchase; and add The Northern Trust Company of Chicago, Illinois, to the list of banks in which current funds may be invested in certificates of deposit and special interest-bearing accounts.

The procedure on the investment and safekeeping of securities requires one modification to conform to the prevailing practice of the banks. All securities of the University are held by the safekeeping agent designated by the Board of Trustees. An exception to this rule is recommended for certificates of deposit, which will be held by the issuing bank, and upon maturity, the funds will be transferred to the proper checking account.

All other policies and procedures for the investment of current funds adopted on June 20, 1962, remain in effect.

The policy includes a resolution authorizing the Treasurer of the Board of Trustees to exercise certain functions. An amendment of the resolution was approved by the Board on April 17, 1963, following a change in the Treasurership. In view of the change in the Office of the Secretary, it is requested that the following resolution be adopted to replace the former one.

Resolved, that the Treasurer of The Board of Trustees of the University of Illinois, a public corporation, is authorized in his discretion to sell, assign, or transfer to any assignee or transferee for or on behalf of this corporation and in its name any and all shares of capital stock or any voting trust certificates representing the right to receive shares of stock or any registered bonds or other securities of any other corporation owned by this corporation and for the purpose of effecting any such sale or transfer, R. R. Manchester, the Treasurer of this corporation, be and he hereby is authorized to execute in the name of this corporation and on its behalf all assignments which may be necessary and that Earl W. Porter, Secretary of this corporation, be and he hereby is authorized to attest to the authority of R. R. Manchester, Treasurer, to execute the aforesaid documents.

Confirmation of these amendments is requested.

On motion of Mr. Swain, these amendments were confirmed.

INCREASE IN WORKING CAPITAL FOR STORES AND SERVICES FUND

(22) The University is authorized by state law to retain \$1,000,000 from general funds in its own treasury as working capital for Stores and Services operations and to supplement this fund with other funds in its own treasury. On May 29, 1958, the Board of Trustees authorized an increase of \$500,000 in the working capital for Stores and Services, and an additional increase of \$500,000 was similarly authorized on December 16, 1959. On June 5, 1964, the Vice-President and Comptroller approved, on a temporary basis, an additional working capital advance of \$1,000,000.

It has been impossible to reduce the working cash fund and further increases are necessary. The Vice-President and Comptroller recommends that additional sums be advanced from funds in the University treasury to provide for a \$5,000,000 working capital fund for Stores and Services activities. The additional working capital will finance the increase in inventories and services necessary for the operation of Chicago Circle, the operation of a research cost accounting system in Urbana, and the expansion of inventories and services for the general growth of the University.

I concur.

On motion of Mr. Hughes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

PURCHASES

(23) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller; also a list of purchases authorized by the President's Office.

The lists of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

<i>From Appropriated Funds</i>	
Purchases Recommended	\$192 598 48
Purchases Authorized.....	26 048 00
	<hr/>
	\$218 646 48
<i>From Institutional Funds</i>	
Purchases Recommended	\$631 174 36
Purchases Authorized	53 389 64
	<hr/>
	\$684 564 00
<i>Grand Total</i>	\$903 210 48

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Johnston, the purchases authorized by the President's Office were approved, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(24) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary of the Board.

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(25) The Comptroller presented his quarterly report to the Board as of September 30, 1966.

This report was received for record, and a copy was filed with the Secretary of the Board.

COMPTROLLER'S REPORT OF CONTRACTS

(26) The Comptroller's report of contracts executed during the period October 1 to 31, 1966.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
F. S. Services, Inc.	Data requirements and costs associated with programming for individual farms	\$ 17 125 00
Illinois State Library	To conduct noncredit in-service training programs for public library employees	5 000 00
National Aeronautics and Space Administration NAS7-100 (subcontract with California Institute of Technology)	Radiant heat exchange in a space environment	51 821 00
State of Illinois Department of Mental Health 17-257	The function of dreaming and non-dreaming mentation in the maintenance of normal behavior	25 000 00
United States Air Force AF-AFOSR-328-67	Theory of solids and condensed matter	100 164 00
United States Department of Health, Education, and Welfare 32-23-1020-6002	Remedial guidance of young retarded children with behavior problems which interfere with academic learning and adjustment	26 119 00
OEG-3-7-068087-0375	An evaluation of a counselor education program designed for prospective elementary school counselors enrolled in 1965-66 NDEA Institute	6 024 00
PH-43-67-61	Diagnosis and remediation of minimal brain dysfunction	20 700 00
United States Department of Labor 91-15-66-52	Sociological determinants among working class adolescents of college aspiration, college curriculum choice, and occupational aspiration	6 490 00
United States Navy N00228 66C1322 N00600-67-D-0009	Structure shielding calculations Books, non-expendable supplies and equipment	23 040 00 3 400 00
<i>Total</i>		<u>\$284 883 00</u>

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Alpha Chi of Sigma Tau Gamma	407 East Daniel Street, Champaign (September 1, 1966, to June 30, 1967)	\$ 3 150 00
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Harry S. Miller, agent for Morris R. and Alan J. Myers	Office space in the Myers Building, 101 South Fifth Street, Springfield, Illinois (September 1, 1966, to June 30, 1967)	\$ 2 600 00

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois State Library	Problems relating to library development under the Federal Library Services and Construction Act	\$ 50 000 00
International Lead Zinc Research Organization, Inc.	ZM 96 static and dynamic properties of bolted galvanized structures	20 000 00
The National Sand and Gravel Association	Site development problems relating to sand and gravel pit operations	9 000 00
United States Army DA-49-193 MD-2212	Antiradiation drugs	25 499 00
United States Department of Health, Education, and Welfare 32-23-1020-6002	Remedial guidance of young retarded children with behavior problems which interfere with academic learning and adjustment	29 483 00
OE-6-10-235	Research on pre-school disadvantaged children	270 000 00
United States Navy Nonr-1834 (15)	Digital computer components research	40 000 00
Nonr-1834 (18)	Variety of topics in number theory	18 000 00
Nonr-1834 (22)	Radio astronomy	117 500 00
Nonr-1834 (38)	Dependence of dielectric properties on crystal structures	30 614 00
Nonr-3623 (S-6) (subcontract with the University of Virginia)	Statistical properties of two-phase flow	36 988 00
Vio Bin Corporation	To consolidate all reports into one collated report to cover reporting done at scientific meetings	4 800 00
<i>Total</i>		<u>\$651 884 00</u>

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Downtown Electric	Cost-plus contract — electrical (two items, \$2,500 and \$3,000) Electrical Engineering Research Laboratory, 909 West Nevada Street	\$ 5 500 00
Dean Evans Company	Cost-plus contract — general (three items, \$2,500 to \$3,500) Electrical Engineering Research Laboratory, 909 W. Nevada Street, Stock Pavilion	9 300 00
Gerhardt F. Meyne Company	Cost-plus contract — general (two items, \$2,839 and \$8,826) Library, Sidewalks at Mall, Medical Center	11 665 00
Pathman Construction Company	General Digital Computer Laboratory	3 067 00
Reliable Plumbing and Heating Company	Cost-plus contract — heating and ventilating (two items, \$8,900 and \$11,328) Electrical Engineering Research Laboratory, Coordinated Science Laboratory	20 228 00
<i>Total</i>		<u>\$ 49 760 00</u>

Summary

Amount to be paid to the University.....	\$939 917 00
Amount to be paid by the University.....	52 360 00

This report was received for record.

INVESTMENT REPORT

Report of the Comptroller

(27) The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of September, 1966:

Current Funds

ART OBJECTS

Purchase

\$70 000 U.S. Treasury bills due 10/31/66..... \$ 69 609 36

RESTRICTED GROUP**Purchase**

\$ 750 000 Associates Investment Co. notes due 11/15/66.....	\$ 742 968 75
750 000 Beneficial Finance notes due 12/15/66.....	738 984 37
4 000 000 U.S. Treasury bills due 3/2/67.....	3 890 893 33

*Construction Funds***ASSEMBLY HALL****Purchase**

\$203 000 U.S. Treasury bills due 12/22/66.....	200 630 16
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CENTER FOR THE PERFORMING ARTS**Sale**

\$30 000 U.S. Treasury 4½ per cent bonds due 11/15/73.....	28 682 81
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Purchase

\$285 500 Beneficial Finance 6 per cent notes due 6/29/73.....	285 500 00
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UNION BUILDING (Chicago Circle)**Purchase**

\$10 000 U.S. Treasury bills due 2/23/67.....	9 732 04
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DENTISTRY-MEDICINE-PHARMACY AUXILIARY (Medical Center)**Purchase**

\$ 82 000 U.S. Treasury bills due 2/23/67.....	79 795 11
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100 000 U.S. Treasury 4¼ per cent notes due 5/15/67.....	99 343 75
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FLORIDA AVENUE RESIDENCE HALL**Sale**

\$385 000 U.S. Treasury bills due 10/20/66.....	384 149 79
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GRADUATE HOUSING**Purchase**

\$370 000 U.S. Treasury bills due 12/29/66.....	365 260 92
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UNION AND RESIDENCE HALL (Medical Center)**Sale**

\$397 000 U.S. Treasury 4 per cent notes due 8/15/66.....	397 062 03
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132 000 U.S. Treasury bills due 9/22/66.....	131 739 19
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Purchase

\$505 000 U.S. Treasury bills due 1/5/67.....	497 597 82
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*Sinking Funds***UNION BUILDING (Chicago Circle)****Purchase**

\$ 81 000 U.S. Treasury bills due 9/15/66.....	80 932 12
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188 000 U.S. Treasury bills due 3/22/67.....	182 249 42
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DENTISTRY-MEDICINE-PHARMACY RESERVE (Medical Center)**Purchase**

\$6 000 U.S. Treasury 4 per cent bonds due 8/15/72.....	5 497 50
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ILLINI UNION AND HEALTH CENTER**Purchase**

\$240 000 U.S. Treasury bills due 9/15/66.....	239 583 00
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11 000 U.S. Treasury 4¾ per cent notes due 11/15/67.....	10 917 50
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REVENUE BONDS OF 1952**Purchase**

\$30 000 U.S. Treasury 4½ per cent bonds due 2/15/74.....	28 143 75
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This report was received for record.

LEASES WITH THE ILLINOIS BUILDING AUTHORITY

(28) The Board of Trustees on September 22, 1965, authorized the Comptroller and Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with certain University projects which the Seventy-fourth General Assembly of the State of Illinois had declared to be in the public interest.

The Illinois Building Authority has now forwarded to the University forms of the leases which it requests be used on two of the projects and has requested

that the Board of Trustees take specific action to approve the same. Copies of said lease forms are presented herewith and are being filed with the Secretary of the Board for record.

The leases relate to the following University projects and are on the terms indicated:

<i>Project</i>	<i>Legislative Declaration</i>	<i>Amount of IBA Bonds</i>	<i>Two Year Rent Paid Under Interim Lease During 1965-67 Biennium</i>	<i>Annual Rent Due September 1, 1967, and Each Year Thereafter</i>	<i>Total Rental Payments</i>
Undergraduate Library, Urbana-Champaign.....	\$2 500 000 00	\$3 301 300 00	\$355 700 00	\$239 810 00	\$5 871 330 00
East Dentistry-Medicine-Pharmacy Building Addition, Chicago Medical Center Campus.....	2 245 000 00	2 813 700 00	319 420 00	203 685 00	5 004 175 00

Funds for the rental payments under the leases during the current biennium, 1965-67, have been paid from appropriations made by the General Assembly under the interim leases previously executed as authorized on September 22, 1965.

The Vice-President and Comptroller, the Director of the Physical Plant, and the Legal Counsel recommend that the Comptroller and Secretary of the Board of Trustees be given specific authorization to execute these leases in substantially the form presented in this meeting and that the following resolution be adopted. I concur.

Resolution Authorizing Leasing of Undergraduate Library Building and East Dentistry-Medicine-Pharmacy Building Addition from Illinois Building Authority

WHEREAS The Board of Trustees of the University of Illinois on September 22, 1965, authorized the Comptroller and Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with certain University projects which the Seventy-Fourth General Assembly of the State of Illinois had declared to be in the public interest; and

WHEREAS in accordance with the Illinois Building Authority Act the Seventy-Fourth General Assembly of the State of Illinois has declared, among others, the following University of Illinois projects at the Champaign-Urbana Campus and the Medical Center Campus to be in the public interest:

- A. Construct Undergraduate Library Building
Champaign-Urbana Campus \$2 500 000 00
 - B. Construct East Dentistry-Medicine-Pharmacy Building Addition
Medical Center Campus..... \$2 245 000 00
- and

WHEREAS said declaration also provides that the cost of any specific project could exceed the amount set forth therefor so long as the aggregate amount stated therein to be financed by the Illinois Building Authority for the University is not exceeded; and

WHEREAS the amount designated for said projects as follows:

- A. Champaign-Urbana Campus
IBA #74-10 Construct Undergraduate Library Building..... \$3 301 300 00
- B. Medical Center Campus
IBA #74-12 Construct East Dentistry-Medicine-Pharmacy Building Addition..... \$2 813 700 00

will not cause said aggregate amount to be exceeded; and

WHEREAS the interim leases applicable to these projects which were heretofore executed pursuant to prior authorization were for lesser amounts than now being designated; and

WHEREAS the Illinois Building Authority has forwarded to the University of Illinois forms of the permanent construction leases which it requests be used for these projects and which will supersede the interim leases; and has requested

that the Board of Trustees take specific action to approve the same; copies of which lease forms are presented herewith and are being filed with the Secretary of the Board for record;

Now, Therefore, Be It, and It Hereby Is, Resolved that the Comptroller and Secretary of this Board of Trustees be, and hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this corporation leases with the Illinois Building Authority in substantially the forms presented to this meeting for the following buildings and facilities:

- A. Construction of an Undergraduate Library Building at Champaign-Urbana, Illinois, at a cost to the Illinois Building Authority of \$3,301,300.00 requiring an initial rental on or before May 1, 1966 of the sum of \$177,850.00 and on or before September 1, 1966, the sum of \$177,850.00 (payments of which have heretofore been made); and during each successive renewal term of the Lease, the annual sum of \$239,810.00 on or before the 1st of September of each year for 23 weeks with total rental payments of \$5,871,330.00.
- B. Construction of an East Dentistry-Medicine-Pharmacy Building Addition at the Medical Center Campus at a cost to the Illinois Building Authority of \$2,813,700.00 requiring an initial rental on or before May 1, 1966, of the sum of \$159,710.00; and on or before September 1, 1966, the sum of \$159,710.00, (payments of which have heretofore been made); and during each successive renewal term of the Lease, the annual sum of \$203,685.00 on or before the 1st of September of each year for 23 years with total rental payments of \$5,004,175.00.

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations, cancellations, and declinations; leaves of absence; changes in sabbatical leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was approved by the President of the University. C = College; S = Station; E = Extension.)

Chicago Circle

- BABLER, BERNARD J., Professor of Chemistry, 83/100 time, three months from June 16, 1966, \$4,000 (9-16-66).
- BENTZ, WILBERT G., Assistant Professor of Health Science and Psychiatric Social Worker in the Health Service, one year from September 1, 1966, \$9,900, supersedes (9-15-66).
- BLUMENTHAL, MRS. DORIS, Instructor in Chemistry, ½ time, academic year 1966-67, \$3,000 (10-4-66).
- CHANDRAN, MRS. JUDITH U., Instructor in Spanish, academic year 1966-67, \$6,500 (10-5-66).
- CHANDRAN, R. SATISH, Instructor in Biological Sciences, academic year 1966-67, \$6,500 (10-11-66).
- CZERWINSKI, RAYMOND T., Assistant Professor of Mathematics, academic year 1966-67, \$9,500, supersedes (9-8-66).
- ENGEL, MRS. FRIEDA H., Assistant Professor in the Jane Addams Graduate School of Social Work, ½ time, academic year 1966-67, \$4,900 (9-20-66).
- EPP, HELMUT P., Assistant Professor of Mathematics, academic year 1966-67, \$9,000 (9-19-66).
- FABER, MRS. CYNTHIA J., Curriculum Librarian, with rank of Instructor, in the Library, September 15, 1966-August 31, 1967, \$8,000 a year (10-4-66).
- FEINSTEIN, IRWIN K., Professor of Mathematics, indefinite tenure from September 1, 1966, academic year service basis, \$13,000 a year, supersedes (10-8-66).
- GORAN, MORRIS, Instructor in Chemistry, ½ time, academic year 1966-67, \$3,200 (10-11-66).

- GREENBERG, BERNARD, Professor of Biological Sciences, indefinite tenure from September 1, 1966, academic year service basis, \$12,500 a year (9-24-66).
- HOLDERMAN, JAMES B., Assistant to the Chancellor at Chicago Circle, \$17,000, and Assistant Professor of Political Science, without salary, one year from September 1, 1966, supersedes (8-24-66).
- JEFFERSON, MRS. RUBY M., Instructor in Biological Sciences, academic year 1966-67, \$6,500 (9-20-66).
- JONES, JOHN A., Instructor in Speech, academic year 1966-67, \$7,500 (9-28-66).
- LENFEST, DAVID, Assistant Professor of English, academic year 1966-67, \$8,400, supersedes (9-24-66).
- LOEPPERT, THEODORE W., Instructor in English, academic year 1966-67, \$6,000, supersedes (9-28-66).
- LOTHIAN, THOMAS A., Director of Office of Space Utilization and Instructor in Chemistry, eleven months from October 1, 1965, \$11,000 a year, supersedes appointment dated November 23, 1965; and for one year from September 1, 1966, \$13,000 (10-11-66).
- MAHONEY, MRS. MARLEN, Instructor in Biological Sciences, academic year 1966-67, \$6,200 (10-11-66).
- McKINLAY, RICHARD J., Instructor in Sociology, academic year 1966-67, \$7,300 (9-19-66).
- MODLER, ROBERT F., Research Associate in Chemistry, one year from August 15, 1966, \$7,500 (10-17-66).
- MORRISROE, MICHAEL, Assistant Professor in English, academic year 1966-67, \$8,400, supersedes (9-24-66).
- PARELIUS, ROBERT J., Instructor in Sociology, academic year 1966-67, \$6,525 (9-19-66).
- PEBWORTH, TED-LARRY, Assistant Professor of English, academic year 1966-67, \$8,400, supersedes (9-24-66).
- ROCAH, LOUIS, Lecturer in Architecture, three months from September 16, 1966, \$3,667 (9-20-66).
- RUDICK, MICHAEL A., Instructor in English, $\frac{2}{3}$ time, academic year 1966-67, \$4,350 (10-11-66).
- SAGHER, YORAM, Instructor in Mathematics, academic year 1966-67, \$8,200 (9-15-66).
- SANDBERG, ALLEN A., Instructor in Bioengineering, Department of Information Engineering, one year from September 1, 1966, \$7,500 (10-4-66).
- SORENSEN, GERALD C., Assistant Professor of English, academic year 1966-67, \$8,800, supersedes (9-24-66).
- STONE, PAULA D., Instructor, Special Education Project for Disadvantaged Students, academic year 1966-67, \$6,900 (9-16-66).
- SWATEZ, GERALD M., Assistant Professor of Sociology, academic year 1966-67, \$9,500 (9-8-66).
- TOMPKINS, C. DAVID, Assistant Professor of History, academic year 1966-67, \$9,000, supersedes (9-10-66).
- VASQUEZ, JUAN, Instructor in Health Science and Staff Psychiatrist in the Health Service, 1/10 time, one year from September 1, 1966, \$1,550 (9-1-66).
- WHITMER, ROGER G., Assistant Professor of Architecture, winter and spring quarters 1966-67, effective January 1, 1967, \$10,000 a year, supersedes (9-8-66).
- WOODYARD, JAMES D., JR., Research Associate in Chemistry, one year from September 1, 1966, \$7,000 (9-6-66).

Medical Center

- AMER, M. SAMIR, Research Associate in Pharmacology, College of Medicine, one year from September 1, 1966, \$6,600 (10-11-66).
- ARTIAGA, GETHSEMANE D., Physician in the Health Service, Medical Center, eight months from January 1, 1967, \$13,500 a year (9-24-66).
- DAKKURI, ADNAN, Instructor in Manufacturing Pharmacy, College of Pharmacy, 6/10 time, one year from September 1, 1966, \$5,400 (9-10-66).
- DOMINIS, BORIS, Pharmacy Intern in Manufacturing Pharmacy, College of Pharmacy, one year from September 1, 1966, \$6,000 (9-24-66).
- DRIESSEN, GERALD J., Research Associate in Otolaryngology, College of Medicine, one year from September 1, 1966, \$10,800, supersedes (9-20-66).

- FORT, MILTON L., Research Associate in Medicine, College of Medicine, $\frac{1}{4}$ time, one year from August 1, 1966, \$2,000, supersedes his nonsalaried appointment (9-10-66).
- GOLAND, PHILIP, Research Associate in Orthodontics, College of Dentistry, one year from September 1, 1966, \$11,500 (9-6-66).
- GRANT, NATHANIEL, Staff Pharmacist in Hospital Pharmacy, College of Pharmacy, September 6, 1966-August 31, 1967, \$7,500 a year (9-19-66).
- KIENAST, HANSJUERGEN, Clinical Instructor in Neurology, College of Medicine, $\frac{1}{2}$ time, one year from September 1, 1966, \$1,572, supersedes (8-17-66).
- LERMAN, MARTIN D., Research Associate in Oral and Maxillofacial Surgery, College of Dentistry, $\frac{3}{5}$ time, one year from September 1, 1966, \$7,000 (10-1-66).
- MAHAJANSHETTI, C. S., Research Associate in Chemistry, College of Pharmacy, one year from September 1, 1966, \$7,000 (8-23-66).
- METRICK, SEYMOUR, Clinical Instructor in Neurology, College of Medicine, $\frac{1}{2}$ time, one year from September 1, 1966, \$1,764, supersedes (8-17-66).
- MILLER, MRS. MARILYN, Instructor in Ophthalmology and in the Cleft Palate Center, College of Dentistry, $\frac{1}{2}$ time, one year from September 1, 1966, \$5,250, supersedes (9-19-66).
- MODY, MADHU R., Research Associate in Pediatrics, College of Medicine, $\frac{1}{2}$ time, one year from September 1, 1966, \$3,648 (9-20-66).
- NONA, DANIEL A., Instructor in Pharmacy, College of Pharmacy, academic year 1966-67, \$7,200, supersedes (8-30-66).
- OSMANSKI, C. PAUL, Instructor in Oral Pathology, College of Dentistry, eleven months from October 1, 1966, \$9,500 a year (10-11-66).
- SHAH, CHANDRAKANT V., Research Associate in Pediatrics, College of Medicine, $\frac{3}{4}$ time, one year from September 1, 1966, \$5,000 (9-20-66).
- THADHANI, KALOO C., Research Associate in the Institution for Tuberculosis Research, one year from September 1, 1966, \$8,150 (10-4-66).
- TOUQUAN, MRS. SHELIA, Acting Pharmacist in charge, Department of Pharmacy, College of Pharmacy, one year from September 1, 1966, \$10,000 (9-10-66).
- VAN DER HEM, GJALT K., Research Assistant Professor of Medicine, College of Medicine, four months from September 1, 1966, \$833.33 a month (9-19-66).
- WEINSTEIN, HERBERT, Assistant Professor of Nursing, 35/100 time, September 26-December 9, 1966, \$950 (10-11-66).
- ZERLOTTI, EUJENIO, Assistant Professor of Histology, College of Dentistry, one year from July 1, 1966, \$13,000, supersedes (9-20-66).

Urbana

- ANDERSON, EUGENE M., Instructor in Secondary and Continuing Education, academic year 1966-67, \$7,000 (9-26-66).
- ANDERSON, MRS. VALERIE, Specialist in Education, Institute for Research on Exceptional Children, academic year 1966-67, \$7,200 (10-19-66).
- AUDRIETH, LUDWIG F., Professor *Emeritus*, Lecturer in Inorganic Chemistry, Division of General Studies, 33 per cent time, October 1, 1966-June 10, 1967, \$4,666 (10-11-66).
- BERTRAM, WILLIAM K., Research Associate in Physics (C), eleven months from October 1, 1966, \$9,600 a year, supersedes (9-8-66).
- BHATTACHARYA, ASHOK K., Research Associate in Electrical Engineering, five months from September 1, 1966, \$7,800 a year, supersedes (10-4-66).
- BILOKUR, BORYS, Instructor in Russian, academic year 1966-67, \$3,000 (10-4-66).
- BIRKEMOE, PETER C., Assistant Professor of Civil Engineering (S), academic year 1966-67, \$9,000 (10-11-66).
- BOKENKAMP, ROBERT W., Acting Assistant Dean, Semester I 1966-67, and Assistant Professor of General Engineering (C), academic year 1966-67, \$10,700, supersedes (9-20-66).
- BROWER, MRS. CAROLYN J. P., Research Associate in Home Economics (C and S), Semester I 1966-67, \$3,000, supersedes (10-17-66).
- CARLIN, JAMES W., Instructor in Electrical Engineering, $\frac{2}{3}$ time, Semester I 1966-67, \$2,000, supersedes (9-14-66).
- CARLSON, RAYMOND P., Research Associate in the Bureau of Institutional Research, academic year 1966-67, \$11,475 (9-26-66).
- CARRUTHERS, GEORGE R., Research Associate in Aeronautical and Astronautical Engineering, one month from September 1, 1966, \$831.66 (9-26-66).

- CLARK, MRS. BORBALA, Research Associate in the Institute for Research on Exceptional Children, College of Education, $\frac{1}{2}$ time, three months from September 16, 1966, \$1,350 (10-17-66).
- COLE, HOWARD C., Assistant Professor of English, academic year 1966-67, \$9,700, supersedes (10-4-66).
- COX, JOHN L., Instructor in Education and Counselor in Teacher Education, one year from September 1, 1966, \$9,500 (9-30-66).
- CRISP, RAYMOND D., Research Associate in English, one year from September 1, 1966, \$8,500 (10-4-66).
- DANIELS, L. B., Instructor in History and Philosophy of Education, $\frac{2}{3}$ time, academic year 1966-67, \$4,690 (9-26-66).
- D'ANTONIO, LAWRENCE E., Research Associate in Zoology, October 15, 1966-August 31, 1967, \$14,500 a year (10-19-66).
- DAS, MRINMOYEE, Research Associate in Botany, one year from September 1, 1966, \$6,600 (8-17-66).
- DELANEY, DANIEL J., Assistant Professor of Educational Psychology, academic year 1966-67, \$10,000 (9-20-66).
- DI LIBERTO, MENNO, Instructor in Vocational and Technical Education, $\frac{2}{3}$ time, academic year 1966-67, \$4,690, supersedes (10-4-66).
- DONALDSON, BRUCE K., Research Associate in Aeronautical and Astronautical Engineering, $\frac{1}{2}$ time, one year from September 1, 1966, \$2,750 (9-21-66).
- DORSETT, HAROLD L., Professor of Military Science and Commandant of Army Cadets, from July 1, 1966, and continuing for the duration of his tour of duty at the University, without salary (9-1-66).
- DUELL, ORPHA K., Research Associate in Educational Psychology, $\frac{1}{2}$ time, academic year 1966-67, \$3,500 (9-29-66).
- DUTTA, AMIYA KUMAR, Research Associate in Physiology and Biophysics, College of Liberal Arts and Sciences, one year from October 1, 1966, \$7,100 (10-17-66).
- EASLEY, JOHN A., JR., Associate Professor of Secondary and Continuing Education, $\frac{2}{3}$ time, on indefinite tenure from September 1, 1966, twelve months' service basis, \$10,400 a year, and Associate Professor in the Coordinated Science Laboratory, $\frac{1}{3}$ time, one year from September 1, 1966, \$5,200, total salary \$15,600, supersedes (10-4-66).
- EHRESMAN, NORMAN D., Assistant Professor of Vocational and Technical Education, one year from September 1, 1966, \$10,000 (10-4-66).
- EIKHOM, THOR S., Research Associate in Microbiology, one year from September 1, 1966, \$6,825 (9-10-66).
- ELZAM, OVADIAH E., Research Associate in Horticulture (S), eleven months from October 1, 1966, \$7,000 a year (10-17-66).
- FAIMAN, MICHAEL, Assistant Professor of Computer Science, Graduate College, academic year 1966-67, \$9,500 (9-24-66).
- FERNELIUS, NILS C., Research Associate in Physics (C), eleven months from October 1, 1966, \$8,500 a year (9-8-66).
- FIRLEY, CARL F., Assistant Dean of Men and Student Activities Adviser, one year from September 1, 1966, \$8,800 (9-19-66).
- FOA, URIEL G., Visiting Professor of Psychology, academic year 1966-67, \$16,000 (9-21-66).
- FREIBERG, ROBERT J., Research Associate in Electrical Engineering (C), eleven months from October 1, 1966, \$10,500 a year (10-17-66).
- GALLAGHER, JAMES E., Instructor in Vocational and Technical Education, College of Education, $\frac{1}{2}$ time, academic year 1966-67, \$3,500 (9-22-66).
- GIESEKKE, ERNST W., Visiting Lecturer in Chemistry, nine months from September 16, 1966, \$8,500 (10-11-66).
- GIRAULT, EMILY S., Assistant Professor of Secondary and Continuing Education, academic year 1966-67, \$10,000, supersedes (8-3-66).
- GOODWIN, NANCY-LEE, Research Associate in the Office of the Executive Vice-President and Provost, $\frac{2}{3}$ time, nine months from September 16, 1966, \$4,050 (10-7-66).
- GURFINKEL, GERMAN, Assistant Professor of Civil Engineering, academic year 1966-67, \$10,500, supersedes (9-26-66).
- HAMM, CHARLES E., Professor of Music, $\frac{1}{3}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,000 for the period (10-4-66).
- HANEY, MARIANNE K., Assistant Specialist in Education, one year from September 1, 1966, \$6,600 (9-19-66).

- HAWLEY, STEPHEN A., Research Associate in Electrical Engineering (C), September 27, 1966-August 31, 1967, \$8,500 a year (10-17-66).
- HAYES, GERALD E., Instructor in Art, academic year 1966-67, \$6,200 (10-5-66).
- HECKENDORN, ROLAND H., Research Associate in Chemistry, October 10, 1966-August 31, 1967, \$6,600 a year (9-20-66).
- HERRON, ROBERT E., Assistant Professor in the Department of Recreation and Municipal Park Administration and Assistant Professor of Physical Education for Men, one month from September 1, 1966, \$1,000; and eight months from October 1, 1966, without salary (9-21-66).
- HERZOG, RITA, Research Associate in Botany, one year from September 1, 1966, \$7,000 (9-27-66).
- HITCHMAN, MICHAEL A., Research Associate in Chemistry, September 16, 1966-August 31, 1967, \$6,600 a year (10-4-66).
- HOFFMAN, MELVIN, Research Associate in Educational Psychology, ½ time, academic year 1966-67, \$3,500 (10-3-66).
- HOFFSWELL, ROBERT A., Research Engineer in Physics (C), ten months from November 1, 1966, \$9,600 a year (10-11-66).
- HOSTETTER, ROY C., Instructor in Educational Psychology, ½ time, academic year 1966-67, \$3,500 (9-29-66).
- JACOBS, PAUL H., Assistant Professor of English, for one year from September 1, 1966, \$12,500, supersedes (10-19-66).
- JAMNIK, DARKO, Visiting Research Associate Professor of Physics (C), October 10, 1966-February 28, 1967, \$925 a month (10-19-66).
- JEITSCHKO, WOLFGANG, Research Associate in Metallurgy (C), seven months from February 1, 1967, \$8,500, supersedes (9-6-66).
- JENSEN, THOMAS R., Research Associate in Vocational and Technical Education, College of Education, ¾ time, academic year 1966-67, \$4,690 (9-22-66).
- JIMENEZ, FRINE F., Research Associate in Secondary and Continuing Education, eleven months from October 1, 1966, \$6,450 (10-17-66).
- JONAS, JIRI, Assistant Professor of Chemistry, academic year 1966-67, \$11,000, supersedes (10-4-66).
- JORGENSEN, AAGE, Instructor and Research Associate in German, Semester I 1966-67, \$3,400 (9-26-66).
- KALB, EDWARD C., Extension Specialist, Short Courses and Conferencs, Division of University Extension, October 10, 1966-August 31, 1967, \$8,500 a year (10-4-66).
- KELLEY, CORNELIA P., Associate Professor of English, ⅓ time, Semester I 1966-67, \$3,800 a year ((9-21-66).
- KERLEY, GERALD I., Research Associate in Chemistry, four months from October 1, 1966, \$2,200 (10-4-66).
- KOO, MRS. PING L., Research Programmer in Computer Science, Graduate College, eleven months from October 1, 1966, \$9,200 a year (10-11-66).
- LAPREVOTTE, NOELLE, Visiting Assistant Professor of French, academic year 1966-67, \$9,000 (8-2-66).
- LENG, EARL R., Adviser on Agricultural Research for service at the U. P. Agricultural University, Pant Nagar, U. P., India, under Contract AID/nesa-150, for one month from August 1, 1966, \$16,500 a year; for six weeks from September 1, 1966, \$21,000 a year; and Professor of Plant Breeding and Genetics, Department of Agronomy (C), indefinite tenure from October 16, 1966, \$17,200 a year, supersedes (9-7-66).
- LEONHARD, PATRICIA, Lecturer in Educational Psychology, ½ time, academic year 1966-67, \$3,650 (9-15-66).
- LEWIS, MICHAEL, Instructor in Sociology, \$8,700, and Instructor in the Institute for Research on Exceptional Children, without salary, academic year 1966-67, supersedes (9-26-66).
- LIPPERT, HENRY, Research Associate in Education, Bureau of Educational Research, one year from September 1, 1966, \$9,500 (9-29-66).
- MADDEN, JOHN J., Research Associate in Microbiology, ½ time, September 15, 1966-August 31, 1967, \$3,650 a year (9-26-66).
- MANLEY, MYRON B., Clinical Counselor, with rank of Assistant Professor, in the Student Counseling Service, one year from September 1, 1966, \$11,500 (10-4-66).
- MARLIN, MRS. MARJORIE M., Assistant Professor of Psychology, academic year 1966-67, \$9,000 (10-11-66).

- MCCLEARY, LLOYD E., Professor of Educational Administration and Supervision, indefinite tenure from September 1, 1966, \$15,500, supersedes (9-10-66).
- MC EWEN, BRUCE G., Academic Coordinator in Extension in International Affairs, Division of University Extension, eleven months from October 1, 1966, \$7,300 a year (10-4-66).
- MCKENZIE, ELIZABETH A., Editor, Dean of Students Office, October 17, 1966-August 31, 1967, \$9,500 a year (9-28-66).
- MERKELO, HENRY, Research Associate in Electrical Engineering (C), eleven months from October 1, 1966, \$10,500 a year, supersedes (10-17-66).
- MILLAR, GERA A., Instructor in Russian, academic year 1966-67, \$6,700 (6-23-66).
- MOYER, M. EUGENE, Assistant Professor of Economics, one year from September 1, 1966, \$12,500, supersedes (10-20-66).
- NEELY, MRS. CAROL P. T., Instructor in English, $\frac{2}{3}$ time, academic year 1966-67, \$5,000 (10-4-66).
- O'LEARY, KEITH D., Research Associate in Psychology and Instructor in Psychology, Semester I 1966-67, \$3,000 (9-16-66).
- OLIVER, WILLIAM A., Professor of Civil Engineering (C and S), $\frac{1}{2}$ time, one year from September 1, 1966, \$7,200 (10-11-66).
- OLSON, EDWARD C., Assistant Professor of Astronomy, academic year 1966-67, \$10,400, supersedes (10-11-66).
- PANDEY, RAMESH C., Research Associate in Chemistry, seven months from February 1, 1967, \$6,600 a year (8-29-66).
- PARSONS, MICHAEL J., Research Associate in Philosophy of Education, $\frac{1}{2}$ time, academic year 1966-67, \$3,500 (9-29-66).
- PAYETTE, ROLAND, Research Assistant Professor of Education, University High School, one year from September 1, 1966, \$11,000, supersedes (10-19-66).
- RAGO, LOUIS J., Associate Professor of Industrial Administration, indefinite tenure from September 1, 1966, academic year service basis, \$13,000 a year, supersedes (10-28-66).
- REA, PATRICK E., Assistant Dean of Men, September 19, 1966-August 31, 1967, \$7,800 a year (10-11-66).
- REED, CORDELIA, Assistant Professor of French, 33 per cent time, Semester I 1966-67, \$285.46 a month (10-11-66).
- REYNOLDS, HARRY A., JR., Assistant Professor of Veterinary Pathology and Hygiene, College of Veterinary Medicine, eleven months from October 1, 1966, \$13,750 a year, supersedes (10-11-66).
- RICHARDSON, DANIEL, Instructor in Mathematics, academic year 1966-67, \$8,000 (6-23-66).
- ROGERS, RALPH W., Executive Officer and Associate Professor of Naval Science, $\frac{1}{10}$ time, July 1, 1966-August 31, 1967, \$600, supersedes (7-26-66).
- ROWLANDS, ROBERT E., Research Associate in Theoretical and Applied Mechanics, $\frac{1}{2}$ time, academic year 1966-67, \$3,000, supersedes (9-23-66).
- SANDOR, BELA I., Research Associate in Theoretical and Applied Mechanics, $\frac{2}{3}$ time, academic year 1966-67, one year from September 1, 1966, \$4,000, supersedes (9-23-66).
- SCHMIDT, WILLIAM H., Assistant Specialist in Education, Department of Secondary and Continuing Education, one year from September 1, 1966, \$7,200 (10-4-66).
- SHACHTMAN, MAX, Visiting Lecturer in Journalism, one month from October 1, 1966, \$1,200 (9-20-66).
- SHATTUCK, SUSAN D., Research Associate in the Office of the Executive Vice-President and Provost, $\frac{1}{2}$ time, September 16, 1966-August 31, 1967, \$5,400 a year (10-4-66).
- SIMMONS, WILBUR D., Research Associate in Special Education, College of Education, academic year 1966-67, without salary (9-20-66).
- SMITH, EDWARD J., Assistant to the Director of Admissions and Records, one year from September 1, 1966, \$11,600, supersedes his nonacademic appointment (9-26-66).
- SMITH, MRS. KATHRYN W., Instructor in Home Economics, $\frac{1}{2}$ time, academic year 1966-67, \$2,700 (9-23-66).
- SPITLER, JOSEPH C., Professor of Naval Science and Commandant of Midshipmen from July 1, 1966, and continuing for the duration of his tour of duty at the University, without salary (9-1-66).

- STALLMAN, WILLIAM E., Instructor in General Engineering (C), academic year 1966-67, \$7,600 (8-9-66).
- STOLPE, VIRGINIA, Research Associate in Secondary and Continuing Education, $\frac{1}{2}$ time, one year from September 1, 1966, \$3,675 (9-26-66).
- SUZUKI, MICHIO, Professor of Mathematics, College of Liberal Arts and Sciences, indefinite tenure from September 1, 1966, academic year service basis, and Associate Member Center for Advanced Study, Graduate College, one year from September 1, 1966, \$25,000 (7-20-66).
- SUZUKI, WARREN N., Research Associate in Vocational and Technical Education, $\frac{1}{2}$ time, academic year 1966-67, \$3,500 (10-4-66).
- SYBESMA, CHRISTIAAN, Research Associate Professor of Botany and of Biophysics, one year from September 1, 1966, \$11,000 (9-26-66).
- SZOKE, CLAIRE L. OLSON, Instructor in Spanish, $\frac{1}{2}$ time, academic year 1966-67, \$1,833 (9-28-66).
- TADANO, TAKEO, Research Associate in Zoology, eleven months from October 1, 1966, \$6,050, supersedes (10-17-66).
- TEMUSSI, PIERO A., Research Associate in Chemistry, two months from September 1, 1966, \$1,100 (10-19-66).
- THORNE, MARLOWE D., Research Adviser at the Jawaharlal Nehru Agricultural University, Jabalpur, M. P., India, for service under Contract USAID/nesa-149, from September 6 through December 5, 1966, \$24,500 a year, supersedes his present contract as Professor of Agronomy and Head of the Department, \$23,750 a year, only for the three-month period indicated (8-24-66).
- TSUBOI, TEICHI, Research Associate in Computer Science, six months from October 1, 1966, \$4,250, supersedes (10-4-66).
- UROFF, MRS. MARGARET D., Instructor in Verbal Communication, Division of General Studies, $\frac{3}{4}$ time, Semester I 1966-67, \$1,800 (10-15-66).
- VAN DER SLUYS, WILLIAM A., Assistant Professor of Theoretical and Applied Mechanics, academic year 1966-67, \$8,100 (10-4-66).
- VAN VLEET, JOHN F., Instructor in Veterinary Pathology and Hygiene, September 16, 1966-August 31, 1967, \$9,583.30 (10-3-66).
- VOLD, ROBERT L., Instructor in Chemistry, Semester I 1966-67, \$4,000 (10-11-66).
- WAYMAN, CLARENCE M., Professor of Metallurgical Engineering, indefinite tenure from September 1, 1966, \$14,000, supersedes (9-26-66).
- WEBB, MARGARET H., Serials Cataloger, with rank of Instructor, in the Library, $\frac{3}{4}$ time, September 14, 1966-August 31, 1967, \$4,950 (10-5-66).
- WEHLAGE, GARY G., Instructor in Secondary and Continuing Education, academic year 1966-67, \$7,000 (9-26-66).
- WERT, CHARLES A., Acting Head of the Department of Mining, Metallurgy, and Petroleum Engineering, one year from September 1, 1966, and Professor of Physical Metallurgy, on indefinite tenure from September 1, 1966, academic year service basis, \$22,000, supersedes (9-28-66).
- WILLS, HERBERT, Research Associate in Mathematics and in Education, academic year 1966-67, \$10,350 (10-4-66).
- WILSON, GEORGE S., Research Associate on $\frac{3}{4}$ time and Instructor on $\frac{1}{4}$ time, in Chemistry, academic year 1966-67, \$8,300 (10-4-66).
- WOLF, EDWARD L., Research Assistant Professor of Physics and in the Coordinated Science Laboratory (C), one year from September 1, 1966, \$10,000 (10-11-66).
- WOLLERSHEIM, DAVID, Instructor in Mechanical Engineering, academic year 1966-67, \$6,500 (10-4-66).
- YOKOKAWA, SENJI, Visiting Research Associate in Electrical Engineering (C), September 1, 1966-March 7, 1967, without salary (9-24-66).

RESIGNATIONS, CANCELLATIONS, AND DECLINATIONS

Chicago Circle

- BEN-ISRAEL, ADI, Associate Professor of Systems Engineering—resignation effective September 1, 1966.
- BOWEN, W. R., Assistant Professor of Biological Sciences—resignation effective September 1, 1966.
- CHANDLER, MARGARET, Professor of Sociology—resignation effective September 1, 1966.

JOHNSON, NORMAN J., Assistant Professor of Sociology and Anthropology — resignation effective September 1, 1966.

Medical Center

DRIESSEN, GERALD J., Research Associate in Otolaryngology, College of Medicine — resignation effective October 1, 1966.

KAMINSKY, STUART M., Editor of Medical Center News — resignation effective December 1, 1966.

NAKANISHI, SUEHIRO, Research Associate in Pharmacology, College of Medicine — resignation effective November 1, 1966.

Urbana

ADLER, DONATELLA G., Research Assistant Professor of Physics — resignation effective August 1, 1966.

BLURTON, MICHAEL A. S., Research Associate in the Bureau of Economic and Business Research — cancellation effective September 1, 1966.

DAUM, DONALD R., Assistant Professor of Agricultural Engineering — resignation effective November 1, 1966.

DAVIES, MICHAEL S., Instructor in the Coordinated Science Laboratory — cancellation effective September 1, 1966.

DILLEY, CLYDE A., Research Associate in the Curriculum Laboratory, College of Education — resignation effective October 1, 1966.

FORD, NEIL M., Research Associate in the Bureau of Economic and Business Research — cancellation effective September 1, 1966.

GIBBONS, ROBERT W., Instructor in Veterinary Clinical Medicine — resignation effective September 16, 1966.

HOPPE, DANIEL J., Extension Specialist in the Division of University Extension — resignation effective October 1, 1966.

ITATANI, HIROSHI, Research Associate in Chemistry — resignation effective November 16, 1966.

KANEMATSU, KAZUO, Research Assistant Professor of Metallurgy, Department of Mining, Metallurgy, and Petroleum Engineering — cancellation effective September 1, 1966.

KREROWICZ, WILLIAM A., Instructor in Electrical Engineering — declination effective September 1, 1966.

LOY, ARTHA S., Research Assistant Professor of Secondary and Continuing Education — cancellation effective September 1, 1966.

MOLITORIS, H. P., Research Associate in Plant Pathology — resignation effective November 1, 1966.

NARCISI, LOUIS J., Assistant Professor of Architecture — resignation effective September 1, 1966.

PROTOPOPOFF, GEORGE, Instructor in Russian, Department of Slavic Languages and Literatures — resignation effective September 1, 1966.

RENWICK, FRANK W., JR., Director of the Executive Development Center, College of Commerce and Business Administration — cancellation effective September 1, 1966.

RUCKER, WALTER E., Research Associate in the Curriculum Laboratory, College of Education — resignation effective October 1, 1966.

LEAVES OF ABSENCE

GIRAULT, EMILY S., Assistant Professor of Secondary and Continuing Education (Urbana) — leave of absence, without pay, for the academic year 1966-67, so that she may work on a special assignment with the Institute of Social Research at the University of Michigan, Ann Arbor, Michigan.

LERMAN, ABRAHAM, Assistant Professor of Geology (Chicago Circle) — leave of absence, without pay, from September 1 through December 21, 1966.

MARKLE, MRS. SUSAN M., Head, Programmed Instruction Division, in the Office of Instructional Resources, and Associate Professor of Psychology (Chicago Circle) — leave of absence, without pay, for one month from October 1, 1966, so that she may serve as a consultant in programmed instruction to the Department of Psychological Foundations, National Council of Educational Research and Training, New Delhi, India.

- MONTAGUE, PATRICIA T., Assistant Professor of Mathematics (Urbana) — leave of absence, without pay, for the first semester of 1966-67.
- POWELL, DWIGHT, Professor of Plant Pathology, Department of Horticulture (C, S, and E) (Urbana) — leave of absence, without pay, for the period February 15 through June 30, 1967, so that he may accept a visiting lectureship at the University of Minnesota.
- SAUER, ELMER L., Professor of Rural Development Extension, Department of Agricultural Economics (E) (Urbana) — leave of absence, without pay, from February 22 through June 30, 1967, so that he may accept a Fulbright-Hays grant to work at the University of the West Indies in Trinidad.
- ULANOWSKY, PAUL, Professor of Music (Urbana) — leave of absence, without pay, for the second semester of 1966-67.

CHANGES IN SABBATICAL LEAVES OF ABSENCE

- BELFORD, R. LINN, Associate Professor of Physical Chemistry, Department of Chemistry and Chemical Engineering (Urbana) — sabbatical leave of absence, for the first semester, on full pay, changed to leave of absence for the academic year, on one-half pay.
- CASAGRANDE, JOSEPH B., Professor of Anthropology and Head of the Department (Urbana) — sabbatical leave of absence for the academic year 1966-67, on one-half pay, changed to leave of absence for the first semester of 1966-67, on full pay.
- KIRSTEIN, LAURETTE, Coordinator of Foreign Students at Chicago Circle and Assistant Professor of English for Foreign Students — sabbatical leave of absence granted her for the second semester of the academic year 1966-67, on full pay, is hereby cancelled without prejudice.
- WAHL, FLOYD M., Associate Professor of Geology (Urbana) — sabbatical leave of absence granted him for the second semester of the academic year 1966-67, on full pay, is hereby cancelled without prejudice.

STATEMENT BY MR. IRVING DILLIARD

Mr. Dilliard presented the following statement which he requested be included in the record of today's meeting.

MR. PRESIDENT:

I have requested a few minutes today to present a matter that seems to me to be of much importance to the University of Illinois and to the people who support it with their tax dollars. If this subject is not widely talked about now, I can assure you that it will be under discussion and of concern in the future. As justification for this prediction, I call attention to how little notice was being paid to the matter of educational opportunities and faculty appointments for Negroes when that subject was first brought before this Board of Trustees five and a half years ago.

Since then, a significant share of the efforts of our colleges and universities has been directed to increasing the number of students from disadvantaged homes and to giving them special assistance where needed and deserved and also to obtaining faculty positions for qualified Negro teachers and scholars. The extent to which the University of Illinois subsequently has joined in these national concerns is set forth in some detail in the November 1 issue (No. 129) of the *Faculty Letter*.

What I call attention to now is another area of discrimination and prejudice which I am sorry to say mars far too many of our colleges and universities. As a citizen of Illinois and an alumnus of the University, as well as a member of this Board, I would like to see my University become recognized nationally as a leader in dispelling this discrimination and prejudice. I refer to the inferior status of women in the academic world generally. I know full well that there are notable exceptions for I have compiled a list of those that are outstanding, but the fact remains that generally speaking they continue to be exceptions.

Just what the situation now is at the Urbana-Champaign campus and in the University of Illinois as a whole with respect to the treatment of women as teachers and scholars, in terms of rank, compensation, and advancement, I confess frankly I do not know. What it was when I was an undergraduate forty

years ago, I remember only too well. For my information and the public's—and I trust this will be of no less interest to other members of the Board (I know it will be to Trustee Watkins)—I request that the University Administration provide at our December meeting a report on the numbers and percentages of men and women in the several academic ranks—assistant, instructor, assistant professor, associate professor, and professor. I request this by divisions and departments, these units to be gathered into their respective colleges and other administrative units with numbers and percentages finally for the University as a whole. I request also this information for the nonacademic administrative staff and for the service personnel. I am sure this data is readily available and needs only to be assembled, if indeed it is not currently collected, as I would expect it to be.

All I ask, in effect, is that we feed the current *Staff Directory* into a computer and call on it to organize the faculty and staff by subject units into numbers and percentages of men and women according to the several levels of academic rankings. I realize, of course, that large diversities are inevitable, that the percentages of women in Home Economics and Nursing will be different from the percentages in Mechanical Engineering and Animal Husbandry. But whatever the facts we should know them. We should know particularly what the statistics show in the humanities, in liberal and fine arts and in the social sciences in which fields so many women students take their degrees.

There are several reasons for compiling this information on the basis I have requested and for making it public:

First, there is the matter of simple justice to women. We can not hold an informed opinion about this until we are sure of the facts with respect to how women are treated in the matter of appointments, advancements, and scholarly recognitions at the University of Illinois.

Second, there is the growing problem of the development of adequate faculties to teach the ever-increasing enrollments flooding our campuses. I have been told that some colleges and universities are allowing old prejudices to cause them to employ third and fourth rate men rather than first rate women.

Third, in view of the generous reception of large numbers of women into such fields as business, merchandising, advertising, public relations and publishing, to name only a few, those of us who are related to advance education and scholarship owe it to our area to make sure that it does not lag behind but indeed is the leader that we have every reason to expect it to be.

Fourth, in the light of the advancement of women in such countries as Soviet Russia, India, and others that might be mentioned, we in the United States, where women are in the majority and possess more than half the wealth, must be sure that we are not treating women as second-class citizens on our college and university faculties. Democracy must be democracy not only with respect to race but also with respect to sex.

To summarize, Mr. President, I make no apology for bringing this topic before the Trustees even though some may say it is not a matter of current concern. I happen to believe that colleges and universities should anticipate developments, that they should lead in developing informed opinion. Since this subject will receive widespread attention in the near future, I would like to see the University of Illinois step out in the forefront and in doing so become known over the country as an educational institution where demonstrably there is no prejudice against women in academic position, advancement, and responsibility. It will not be long before what I ask us to do voluntarily will be required under pressure of all colleges and universities inasmuch as Federal Civil Rights legislation prohibits discrimination in employment on the basis of sex. Let us proceed then before we are forced to do so and in proceeding learn just what the facts are. Mr. President, I ask that this statement of request for information be made a part of the minutes of this meeting with a view to an official report to the Board when we meet next month. Thank you very much.

President Henry stated that the information requested by Mr. Dilliard would be presented to the Trustees as soon as it can be obtained and by the December meeting of the Board insofar as may be possible.

REPORTS AND RECOMMENDATIONS FROM THE PRESIDENT OF THE BOARD

President Clement announced that the next three meetings of the Board will be held on December 8, 1966, at Chicago Circle, on January 12, 1967, in Chicago (the place to be determined later), and on February 9, 1967, at the Medical Center.

MARCH — ANNUAL MEETING

The By-Laws of the Board of Trustees provide that the Board shall hold an annual meeting on the second Tuesday of March, unless the date of such meeting be changed by the Board. This year the second Tuesday will be March 14, 1967. President Clement asked the wishes of the Board regarding the date of this meeting. It was agreed that the annual meeting should be held on the second Tuesday of March (March 14, 1967) as provided by the Statutes.

GUESTS OF THE BOARD

President Clement announced that a group of undergraduate student leaders had been invited to be guests of the Board at this meeting and at luncheon.

RECESS AND EXECUTIVE SESSION

President Clement stated that an executive session had been requested and was being ordered for consideration of business relating to patentable inventions and property acquisitions.

On motion of Mrs. Watkins, the Board recessed for five minutes.

When the Board reconvened, the same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes. The following recommendations from the President of the University were presented and considered.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(29) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following reports and recommendations relating to patentable inventions by members of the staff.

1. Simplified methods of selection of quotient digits for Digital Computer Division—James E. Robertson, Research Professor of Electrical Engineering and of Computer Science, inventor; developed under Contract AT(11-1)-1018. The choice of the particular value of the quotient digit can be made on the basis of a limited number of the most significant digits of the divisor and partial remainder (or dividend), in contrast to conventional methods for which all digits of the divisor and an equal number of digits of the partial remainder must be compared.

The inventor advised that the International Business Machines Corporation was filing for a patent on this idea, and the University of Illinois Foundation, after study, advised that there is little probability of commercial value to the University. It is recommended that the rights of the University be released to the inventor, subject to the rights of the sponsoring agency.

2. Acoustic pressure transducer—the late Robert C. Dimick, formerly Assistant Professor of Mechanical Engineering, and George J. Trezek, formerly National Science Foundation Trainee III in Mechanical and Industrial Engineering, inventors; developed under Project SQUID Subcontract S-6, Contract Nonr-3623. This invention relates to a low cost pressure transducer which is based on the change of impedance of a small permanent magnet loudspeaker when the air density surrounding it changes. This device is useful for pressure

measurements in the range of .2 to 15 psi where reasonably rapid response is required.

The University of Illinois Foundation studied this invention and reported that there is little commercial potential. Accordingly, it is recommended that the rights of the University be released to the inventors with recognition of the rights of the United States Government.

3. Solid state infrared to visible photon converter — W. Dale Compton, Professor of Physics and Director of Coordinated Science Laboratory, inventor; developed under Contract DA-28-043-AMC-00073(E). This device absorbs infrared photons which do not stimulate the eye and emits a visible photon that can be seen by the eye. The unique feature of this device consists of the utilization of the tunneling phenomena of holes through very thin insulating barriers.

It has been determined that there is a possibility of commercial value in this invention. It is recommended that the rights of the University be released to the University of Illinois Foundation with recognition of the rights of the United States Government.

4. Solid state analog computer-type calibrator for a radio interferometer — William Christian McClurg, Research Engineer in Electrical Engineering, inventor; developed under Contract AMC-01333(E). This invention relates to a new design for a solid state multiplier which would perform the same functions as an already existing electromechanical multiplier, yet be lighter, smaller, and more reliable while using much less power.

There appears to be very little commercial potential. The inventor recommends outright release to the sponsor. It is recommended that the rights of the University in this invention be released to the United States Army, the sponsoring agency.

5. Apparatus for continuous non-destructive measurement of the density of sediment in a corer barrel — Kenneth Preiss, formerly Assistant Professor of Civil Engineering and of Nuclear Engineering, inventor; developed under Contract Nonr-3985(09). This apparatus involves a gamma ray source (C-137) and a radiation detector held in a movable carriage so that they are on opposite sides of the core.

After study of the invention by the University of Illinois Foundation and discussion with the inventor, it is recommended that the rights of the University be released to the United States Navy, the sponsoring agency.

I concur in these recommendations.

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

**REQUEST TO THE ILLINOIS BUILDING AUTHORITY TO PURCHASE
1304 WEST MAIN STREET, URBANA**

(30) The Board of Trustees at its meeting on April 20, 1966, authorized a request to the Illinois Building Authority to acquire, by condemnation proceedings, the property at 1304 West Main Street, Urbana, to be used as part of the site for the Civil Engineering Building, Phase II. Subsequent negotiations with the owners of the property, after the filing of the condemnation petition, have resulted in their agreement to a price of \$45,000, which is within the appraisals received on the property. Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Illinois Building Authority be requested to acquire title to the property at this time by contract or purchase or judgment order in the condemnation proceedings.

I concur and recommend adoption of the following resolution.

**Resolution Requesting Acquisition of Property at 1304 West Main Street,
Urbana, Illinois, by Illinois Building Authority**

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority, a body corporate and politic of the State of Illinois, duly organized and existing pursuant to "AN ACT to Create the Illinois Building Authority and to define its powers and duties" approved August 15, 1961, as amended, be, and hereby is, requested to acquire for this public corporation in accordance with the Illinois Building Authority Act, the property at 1304 West Main Street, Urbana, Illinois, described as follows:

Lot Nine (9) in Block Forty-two (42) in the Seminary Addition to Urbana, situated in the City of Urbana, in the County of Champaign, and State of Illinois,

at an acquisition price of Forty-five Thousand Dollars (\$45,000.00) and with title to be conveyed to, or vested by Judgment Order in, and possession delivered to, the Illinois Building Authority not later than January 1, 1967.

Be It, and It Hereby Is Further Resolved that the Comptroller and Secretary of this public corporation be, and they are hereby are, authorized and directed, to execute in the name of, and on behalf of, this public corporation such lease agreement or other document or documents, and to secure and submit appraisals and such other documentation, as they may deem to be necessary or desirable in order to effectuate such conveyance of title to the Illinois Building Authority and to secure to this public corporation the beneficial use of said property.

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

PURCHASE AND SALE OF PROPERTY FOR PSYCHOLOGY BUILDING SITE, URBANA-CHAMPAIGN CAMPUS

(31) At its meeting on July 27, 1966, the Board authorized acquisition by condemnation of a strip of ground three inches by 87.35 feet, which was owned by unknown parties. This land will be used as part of the site for the Psychology Building, the balance of which is to be owned by the Illinois Building Authority.

A jury award was returned in the Circuit Court of Champaign County on October 27, 1966, finding the value of the property to be \$275 and requiring payment to be made to the County Treasurer of Champaign County of that amount by December 1, 1966.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the payment of the \$275 be temporarily financed from General Contract Reserves and that the Illinois Building Authority be requested to purchase the property at that price as part of the land it is acquiring and leasing to the University under a lease dated March 20, 1964.

I concur and request the adoption of the following resolution.

Resolution Authorizing Conveyance of a Three Inch Strip of Land Within the Psychology Building Site to the Illinois Building Authority

Be It, and It Is Hereby, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this corporation be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver, in the name, and in behalf of, this corporation, and under its Corporate Seal, a Warranty Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to the Illinois Building Authority, a body corporate and politic of the State of Illinois, duly organized and existing pursuant to "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended, title to the following described property, viz :

The North Twenty-five Hundredths (.25) feet of the South One Hundred and Twenty-five Hundredths (100.25) feet of Lot Four (4) in Block One (1) of A. T. Hall's Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, and State of Illinois;

for, and in consideration of, the payment by said Illinois Building Authority of the sum of Two Hundred Seventy-five Dollars (\$275.00) to this corporation.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

**ACQUISITION OF PROPERTIES AT 904-904½ SOUTH SIXTH STREET
AND 908 SOUTH SIXTH STREET, CHAMPAIGN**

(32) At the request of the University, condemnation proceedings by the Illinois Building Authority are pending for acquisition of the properties at 904-904½ South Sixth Street and 908 South Sixth Street, Champaign, Illinois. A trial date of November 14, 1966, has been set for 904-904½ South Sixth Street, and of December 12, 1966, for 908 South Sixth Street, Champaign.

In order to expedite possible settlements under Illinois Building Authority requirements, it is desirable for the Board to take action at this time. The Director of the Physical Plant and the Vice-President and Comptroller recommend that in the event a settlement offer is received from the owners of either property that is within the appraisals received by the Illinois Building Authority, the Illinois Building Authority be requested to authorize the acquisition of that property at the price offered.

I concur.

On motion of Mr. Jones, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

On motion of Mr. Johnston, the Board adjourned.

EARL W. PORTER
Secretary

HOWARD W. CLEMENT
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

December 8, 1966



The December meeting of The Board of Trustees of the University of Illinois was held in the Chicago Circle Center, Chicago, Illinois, on Thursday, December 8, 1966, beginning at 10:30 a.m.

President Howard W. Clement called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Mr. Wayne A. Johnston, Governor Otto Kerner, and Mr. Ray Page were absent. Trustees-elect Donald R. Grimes and James A. Weatherly attended as guests.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Mr. C. S. Havens, Director of the Physical Plant; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. James J. Costello, Legal Counsel; Mr. Eldon Johnson, Vice-President of the University; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. Glenn Terrell, Dean of Faculties, Chicago Circle; Mr. James B. Holderman, Assistant to the Chancellor, Chicago Circle; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. R. R. Manchester, Treasurer; Mr. H. O. Farber, Comptroller; and Mr. Earl W. Porter, Secretary.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

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 Illinois Accountancy Act of 1943, as amended, 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>
RICHARD DEAN DEFREEUW	Chicago, Illinois	Indiana
ROGER ERNEST DUBA	Skokie, Illinois	Nebraska
LOWELL E. GARNER	Urbana, Illinois	Kansas
JAMES LOUIS KOEWLER	Evansville, Indiana	Indiana
DONALD BENJAMIN MANOFF	Chicago, Illinois	Ohio
EDWIN ALLAN MARKS	St. Louis, Missouri	Missouri
CLARENCE MELVIN RIGGS	Park Forest, Illinois	Indiana
MORTON S. WINER	Skokie, Illinois	District of Columbia
DONALD ROBERT WOOD	Detroit, Michigan	Michigan

I concur.

On motion of Mr. Hughes, these certificates were awarded.

COLLEGE OF PHYSICAL EDUCATION ADVISORY COMMITTEE, URBANA

(2) The Dean of the College of Physical Education at Urbana recommends the following appointment and reappointments to the Advisory Committee for the College effective February 1, 1967:

ARTHUR SCHULTZ, Executive Vice-President, Illinois Association of Park Districts, Springfield, Illinois (term expires June 30, 1969)

ARTHUR BUEHLER, Director of Health and Physical Education, Board of Education, 228 North La Salle Street, Chicago, Illinois (reappointment; term expires June 30, 1969)

MRS. JOHN T. EVEN, 1439 Downer Place, Aurora, Illinois, Past President of Illinois Chapter of American Association of University Women (reappointment; term expires June 30, 1969)

JOHN GRIFFITH, Publisher, *Athletic Journal*, 1719 Howard Street, Evanston, Illinois (reappointment; term expires June 30, 1969)

I concur.

On motion of Mr. Swain, these appointments were 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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A — indefinite tenure; B — two years; D — one year; E — nine months from the beginning of the academic year; G — special tenure; Y — twelve months' service required instead of two semesters.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

1. JOSEPH J. BANNON, Assistant Professor of Recreation and Municipal Park Administration (Urbana), beginning November 1, 1966, at an annual salary of \$16,200 (DY).
2. HERMAN I. DIESENHAUS, Assistant Professor of Psychology, Department of Psychiatry, College of Medicine (Medical Center), beginning November 1, 1966, at an annual salary of \$9,500 (DY).
3. PAUL R. SCHNURRENBERGER, Associate Professor of Public Health, Department of Veterinary Pathology and Hygiene, College of Veterinary Medicine (Urbana), beginning October 16, 1966, without salary (DY).
4. JANET SILLIMAN, Assistant Professor of Nursing, College of Nursing (Medical Center), beginning November 1, 1966, at an annual salary of \$11,000 (DY).
5. GRAHAM M. VAUGHAN, Visiting Assistant Professor of Psychology (Urbana), on one-third time, for eight months from October 16, 1966, at an annual salary of \$2,800 (E33).

On motion of Mr. Jones, these appointments were confirmed.

PROFESSORSHIPS IN ACCOUNTANCY, MEDICINE, AND SURGERY

(4) Funds have been received for the establishment of professorships in accountancy, medicine, and surgery in honor of distinguished members of these professions.

Weldon Powell Professorship in Accountancy, Urbana

Named in honor of the late Weldon Powell, the professorship is being supported, in part, by gifts deposited with the University of Illinois Foundation by former students and fellow accountants. In addition, the Haskins and Sells Foundation, established by the firm in which Mr. Powell was a partner, has offered to contribute funds in an amount equal to the total of funds received from all other contributors. Mr. Powell, who was killed in an automobile accident in November, 1965, was a graduate of the University of Illinois (B.S., 1922; M.S., 1923) and served as an Assistant in Accountancy here from 1922 to 1924. He joined Haskins and Sells, certified public accountants, in 1924 and was admitted to partnership in 1934.

Edmund F. Foley Professorship in Medicine, Medical Center

Dr. Foley, Professor of Medicine, *Emeritus*, was on the faculty of the College of Medicine for forty-two years. Since being placed on Emeritus status in 1964, he has continued to teach medical students. The President of the Medical Staff and Dean of the Postgraduate School of Medicine of Cook County Hospital for many years, Dr. Foley is well known throughout the state of Illinois as a leading consultant and as a lecturer in postgraduate medical programs. Gifts from friends, students, and colleagues of Dr. Foley are being deposited in a University of Illinois endowment account.

Warren H. Cole Professorship in Surgery, Medical Center

Initiated by members of the Warren H. Cole Society (the Alumni Association of the Department of Surgery, Research and Educational Hospitals), the endowment consists of funds deposited with the University of Illinois Foundation by friends of Dr. Cole. Recently retired after thirty years as Professor and Head of the Department of Surgery, Dr. Cole has combined his teaching with surgery and research. He has served as president of the American Cancer Society, the American College of Surgeons, the American Surgical Association, and numerous other associations, and has been made an honorary fellow of the Royal College of Surgeons of England and the Royal College of Surgeons of Edinburgh.

In the case of each of these professorships, income from the gifts will furnish partial support for the salary of the incumbent.

Recommendations for appointment to each position will be made in accordance with the University's regular procedures and the appointments will be reported to the Board. The first Warren H. Cole Professorship is being recommended at today's meeting.

I recommend approval of the establishment of these professorships.

On motion of Mr. Swain, this recommendation was approved.

**HEADSHIP OF DEPARTMENT OF SURGERY
IN THE COLLEGE OF MEDICINE**

(5) The Dean of the College of Medicine and the Chancellor for the Medical Center recommend the appointment of Dr. Lloyd M. Nyhus as Warren H. Cole Professor of Surgery on indefinite tenure and Head of the Department, beginning March 1, 1967, at an annual salary of \$37,000 on a twelve months' service basis.

Dr. Nyhus, presently Professor of Surgery at the University of Washington, will be the first Warren H. Cole Professor of Surgery.

This appointment is to fill the vacancy created by the retirement on September 1, 1966, of Professor Cole. In the meantime Dr. Stuart S. Roberts has been serving and will continue to serve as Acting Head of the Department until February 28, 1967.

The nomination for this appointment was initiated by a search committee¹ after consultation with all members of the department of professorial rank.

The Dean of the Graduate College and the Executive Vice-President and Provost concur.

I recommend approval.

On motion of Mr. Dilliard, this appointment was approved.

**HEADSHIP OF DEPARTMENT OF ORAL PATHOLOGY
IN THE COLLEGE OF DENTISTRY**

(6) The Dean of the College of Dentistry and the Chancellor at the Medical Center recommend the appointment of Dr. John Percival Waterhouse, presently on the staff of the London Hospital Medical College Dental School, London, England, as Professor of Oral Pathology on indefinite tenure and Head of the Department, in the College of Dentistry, beginning July 1, 1967, at an annual salary of \$19,000 on a twelve months' service basis.

Professor Joseph P. Weinmann served as Head of the Department from 1950 until his death in 1960. Professor Herman Medak has been serving as Acting Head of the Department.

Dr. Waterhouse was nominated by a search committee,² and his appointment is endorsed by all members of the department of professorial rank. The Dean of the Graduate College and the Executive Vice-President and Provost concur in this recommendation.

I recommend approval.

On motion of Mrs. Watkins, this appointment was approved.

**CHANGE IN ORGANIZATION AND APPOINTMENT OF HEAD
OF DEPARTMENT OF GERMANIC LANGUAGES
AND LITERATURES, URBANA**

(7) The members of the Department of Germanic Languages and Literatures of professorial rank at Urbana-Champaign have voted to request a change in departmental organization from that of a department with a chairman to that of a department with a head.

With the concurrence of the Executive Committee of the College of Liberal Arts and Sciences, the Dean of the College recommends that the form of organization requested be approved and that Professor Harry G. Haile, currently Chairman of the Department, be appointed Head of the Department. The Executive Vice-President and Provost also concurs.

I recommend approval of these changes, to become effective September 1, 1967.

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

¹ Harry F. Dowling, Professor of Medicine and Head of the Department, Chairman; Orville T. Bailey, Professor of Neurology, College of Medicine, Co-Chairman; Géza deTakats, Clinical Professor of Surgery, *Emeritus*; Paul H. Holinger, Professor of Bronchoesophagology, College of Medicine; Harold A. Kamietzky, Professor of Obstetrics and Gynecology, College of Medicine; Peter C. Kronfeld, Professor of Ophthalmology, College of Medicine, and Ophthalmologist-in-Chief, Illinois Eye and Ear Infirmary; Robert A. Miller, Professor of Pediatrics, College of Medicine, and Attending Physician, Research and Educational Hospitals; Robert D. Ray, Professor of Orthopaedic Surgery, College of Medicine; Martin Swerdlow, Professor of Pathology, College of Medicine, and Pathologist, Research and Educational Hospitals.

² Daniel M. Laskin, Clinical Professor of Surgery, College of Medicine, and Professor of Oral Surgery and Associate Head of the Department, Chairman; Hubert R. Catchpole, Research Professor of Pathology, College of Medicine; Stanley J. Gerson, Assistant Professor of Oral Pathology; James A. Yaeger, Professor of Histology and Head of the Department.

CENTER FOR URBAN STUDIES, CHICAGO CIRCLE

(8) The Chancellor of the Chicago Circle campus, with the endorsement of the Chicago Circle Senate, recommends that a Center for Urban Studies be established at Chicago Circle. The Center, while primarily oriented toward general research problems in urban affairs, will serve to relate the University of Illinois in Chicago to metropolitan Chicago and to the entire state in a comprehensive way. It is intended that scholars from diverse disciplines will be able, through the Center, to combine their special insights in pioneering new approaches to problems existing in metropolitan communities. While special emphasis will be given to the behavioral and social sciences, other fields will be deeply involved, including education, engineering, architecture and art, urban planning, humanities, and business administration.

In addition to its own interdisciplinary research programs, the Center for Urban Studies will give support, encouragement, and assistance to individual faculty members and interested groups investigating problems related to its purposes. This assistance will be available in several forms: (1) cooperating in securing financial support; (2) research staff assistance, including technical and clerical staff; (3) information services; (4) opportunities for interdisciplinary research; and (5) sponsorship of seminars and colloquia involving local faculty members and others involved in urban affairs.

In order to promote interdisciplinary, campus-wide involvement, the Director of the Center will report to the Dean of Faculties and through him to the Chancellor, as other major academic units now do. The policies of the Center will be proposed by the Director and an interdisciplinary Executive Committee. The Center will have a small "core" staff of full-time professional members, who will also have membership in their respective academic departments. The remainder of the senior staff will consist of regular faculty members who will be affiliated with academic departments and usually will be principally engaged in instruction within their special fields. The Center will provide the means to securing released faculty time for special studies, in which graduate students will be used extensively as research assistants.

A request for funds for the establishment of the Center has been approved by the Board of Trustees as part of the Biennial Budget Request for Operations, 1967-69.

The Executive Vice-President and Provost concurs in this recommendation.

I recommend approval, subject to further action by the Illinois Board of Higher Education.

On motion of Mrs. Watkins, this recommendation was approved.

MASTER'S DEGREES IN ENGINEERING, CHICAGO CIRCLE

(9) The Chancellor of the University of Illinois at Chicago Circle recommends approval of programs leading to the degrees of Master of Science in Mechanics and Materials and Master of Science in Thermosciences. Both programs have received the approval of the Chicago Circle Senate. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved. The Executive Vice-President and Provost and the Dean of the Graduate College concur in this recommendation.

Reflecting the new philosophy of organization of engineering disciplines underlying the College of Engineering at Chicago Circle, both of the programs proposed offer a broad spectrum of activities through which students may prepare themselves for a wide range of career possibilities. Both programs may be used either as a terminal program for those wishing to seek employment after graduation, or as a basis for further studies leading to the Doctor of Philosophy degree.

Departmental standards for admission and graduation are generally equivalent to those of corresponding departments in Urbana as approved by the Board of Trustees. Under the Chicago Circle quarter system, the minimal requirements for the master's degree is forty-eight hours. (The Board, on October 13, 1966, approved, for the Chicago Circle campus, programs for the master's degree in Biological Sciences, Chemistry, English, Geology, German, History, Mathematics, Philosophy, Physics, and Psychology.)

Master of Science in Mechanics and Materials

Work in the areas of engineering mechanics, metallurgy, structures, and soils and foundations will be offered. It is anticipated that most graduates from a recognized

engineering college will be accepted, regardless of their specific field of undergraduate concentration, provided of course that their record satisfies certain minimum grade point requirements. It is suggested, however, that their undergraduate program include the following minima: sophomore or junior level course in materials (such as Materials Engineering 124); sophomore or junior level course in mechanics of solids (such as Materials Engineering 121-122); introduction to ordinary differential equations; numerical and computer methods.

The scholastic averages for admission should parallel closely those prevalent on the Urbana campus. That is, graduates with a B average (4.0) or better should be eligible for admission without further inquiry. Graduates with lower averages would in general not be admitted, but a 3.75 average or above may make the applicant eligible for admission if the department so decides.

At least four and not more than eight quarter hours of credit (of the required total of forty-eight) must be in the form of a thesis, or a project requiring a written report on which the candidate is examined. A minimum of twenty quarter hours (including the thesis or project) must be acquired in courses of 400 level. The student must also successfully complete at least two courses in each of the materials and mechanics groups.

Master of Science in Thermosciences

This program offers advanced study in the areas of heat transfer, fluid mechanics, and thermodynamics. Graduates of recognized engineering colleges irrespective of their specific fields of undergraduate concentration will be accepted provided that they have an equivalent grade-point average of 4.0 or better (under exceptional circumstances, students with a somewhat lower grade point may be admitted, but under no condition will a student be admitted with a grade point lower than 3.5).

In general, the prospective graduate student in the thermosciences program should have had undergraduate courses in thermodynamics, heat transfer, fluid mechanics, and differential equations. If he is deficient in his preparation, it may be necessary to take some preliminary courses in the above-mentioned fields prior to starting his actual graduate program. Such cases will be worked out on an individual basis.

All students are required to take three specific fundamental courses (ENRE 305, Statistical Thermodynamics; ENRE 310, Continuum Fluid Mechanics; and ENRE 422, Convective Heat Transfer). A minimum of six and a maximum of twelve credits must be taken in ENRE 490, Research, under the supervision of the student's adviser. At least twenty-seven quarter hours, including research, must be from courses in the major area and nine quarter hours must be taken in the Mathematics Department. No more than twenty-four quarter hours credit may be derived from courses numbered below 400.

I recommend approval, subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Pogue, this recommendation was approved.

RECOMMENDATIONS FROM URBANA-CHAMPAIGN SENATE FOR CURRICULA CHANGES

(10) The Urbana-Champaign Senate has approved recommendations from the Colleges of Engineering, Physical Education, and Education for minor revisions of curricula which are being reported to the Board of Trustees for record.

College of Engineering

A proposal involving the reduction of graduation requirements for the General Engineering curriculum from 142 hours to 136 hours by deletion of Mechanical Engineering 215 (Mechanical Engineering Laboratory, two hours) and Theoretical and Applied Mechanics 224 (Behavior of Materials, three hours) and the revision of and reduction of credit for General Engineering 291 (General Engineering Seminar, from one to zero hours) has been approved by the General Engineering Committee on Courses and Curriculum and the Engineering College Policy and Development Committee. The change will bring the graduation requirement of this curriculum into line with those of most other engineering curricula.

College of Physical Education

1. A change in the curriculum in the Teaching of Dance in the Secondary School, made possible by new regulations of the Illinois State Teacher Certification

Board and stipulating that only a single teaching field is necessary for certification, will eliminate the second teaching field, the teaching minor, and add sixteen semester hours of general education elective. The changes have been approved by the Courses and Curriculum Committee of the Department of Physical Education for Women, the University and the Urbana-Champaign Councils on Teacher Education, and the Urbana-Champaign Senate Committee on Educational Policy.

2. The undergraduate curriculum in Health Education will be revised to offer junior and senior students an option in either School Health Education or Community Health Education. The options, designed to provide greater specialization and to place greater emphasis on the behavioral sciences, lead to the same degree, Bachelor of Science in Health Education. The proposal has been approved by the University and Urbana-Champaign Councils on Teacher Education and the Urbana-Champaign Senate Committee on Educational Policy.

College of Education

To improve the preparation of teachers to meet public school needs, the three options in Industrial Education will be replaced by one flexible curriculum. The curriculum, Technical Education Specialties, will meet teacher certification requirements for specialties within the broad area of Vocational and Technical Education, while providing each specialist with a general background in those physical, biological, natural, or mathematical sciences upon which the specialty is predicated. This increased flexibility is made necessary by the increasingly diverse offerings in the public secondary schools and post-secondary schools and by the increased reliance upon science among new and emerging occupations. This revision has been approved by the University and Urbana-Champaign Councils on Teacher Education and the Urbana-Champaign Senate Committee on Educational Policy.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in these proposals.

A detailed description of the revisions in these curricula is being filed with the Secretary of the Board for record.

All of these changes will become effective as soon as they can be implemented by the departments concerned.

On motion of Mr. Swain, this report was accepted for record.

APPLICATIONS FOR GRANT FUNDS UNDER TITLE I OF THE HIGHER EDUCATION FACILITIES ACT OF 1963

(11) Under the Higher Education Facilities Act of 1963, the United States Commissioner of Education is authorized to grant funds for the construction, rehabilitation, and improvement of academic and related facilities. The requirements of the Department of Health, Education, and Welfare for the submission of applications for grants under the Act necessitate the adoption of a formal resolution by the Board authorizing the filing of applications and designating the person to act on behalf of the University.

It is recommended that the Board of Trustees adopt the resolutions submitted herewith authorizing the filing of applications for grants for the following projects. In addition, James E. Osborn, Business Manager at Chicago Circle, would be designated as the officer authorized to file the application on behalf of the University for construction at Chicago Circle, and H. O. Farber, Comptroller of the Board, as the officer authorized to file the application on behalf of the University for construction at Urbana-Champaign. The projects are:

Construction at Chicago Circle — Science-Engineering Center (Building 619 at Chicago Circle)

Construction at Urbana — Addition to Women's Gymnasium

Resolution Authorizing the Filing of Application for Grant Funds Under Title I of the Higher Education Facilities Act of 1963

Approved December 8, 1966

WHEREAS, the U. S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a grant under the aforementioned act for the project described as follows:

Construction of Science - Engineering Center
Building 619 at Chicago Circle

Now, therefore, be it

Resolved, that an application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said application will be forwarded to the U. S. Commissioner of Education for consideration for his approval; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates James E. Osborn, Business Manager, Chicago Circle Campus, as the officer authorized to file the application and act as the representative of this Board in connection with said application.

On motion of Mr. Williamson, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Governor Kerner, Mr. Page.

Resolution Authorizing the Filing of Application for Grant Funds Under Title I of the Higher Education Facilities Act of 1963

Approved December 8, 1966

WHEREAS, the U. S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a grant under the aforementioned act for the project described as follows:

Construction of Addition to Women's Gymnasium
at Urbana-Champaign

Now, therefore, be it

Resolved, that an application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said application will be forwarded to the U. S. Commissioner of Education for consideration for his approval; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates H. O. Farber, Comptroller, as the officer authorized to file the application and act as the representative of this Board in connection with said application.

On motion of Mr. Williamson, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Governor Kerner, Mr. Page.

**CONTRACTS FOR AIR CONDITIONING ALLEN HALL
DINING ROOM, URBANA**

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for construction work required for air conditioning

the Allen Hall dining room and adjoining two recreation rooms on the Urbana campus, the award in each case to the lowest bidder.

General — Dean Evans Co., Champaign.....	\$ 8 862 00
Refrigeration — R. H. Bishop Company, Champaign.....	18 976 00
	\$27 838 00

Additional electrical work required for the air conditioning on which bids were requested but not received will be done by the 1965-67 cost-plus contractor for electrical work.

Funds are available in the Housing Division budget.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Governor Kerner, Mr. Page.

CONTRACTS FOR REMODELING IN NATURAL HISTORY BUILDING, URBANA

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of cost-plus contracts for remodeling fifty-four rooms in the Natural History Building for the Department of Geology, the award in each case to the lowest bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Total Estimated Fee Payments</i>
General — Dean Evans Co., Champaign..	9	25	10	\$16 960 00
Electrical — Emric Electric, Inc., Champaign.....	10	23	0	4 050 00
Plumbing — Wren C. & Willis H. Thomas, a partnership doing business as Thomas Plumbing & Heating Co., Urbana.....	15	39	5	5 450 00
Heating, Piping, Refrigeration, and Auto- matic Temperature Control Systems — W. L. Rogers, an individual doing busi- ness as Cool-Rite Refrigeration, Urbana.....	22	22	5	5 600 00
Ventilation and Distribution Systems for Conditioned Air — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	22	22	5	3 350 00

Since W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana, is the lowest bidder with identical bids for heating, piping, refrigeration, and automatic temperature control systems work and ventilation and distribution systems for conditioned air work, it is also recommended that these two awards be combined into a single contract in lieu of separate contracts.

The estimated total cost of the work is \$272,000. Funds are available from an appropriation approved by the Board of Trustees on October 13, 1966.

I concur.

On motion of Mr. Swain, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Governor Kerner, Mr. Page.

CONTRACTS FOR REMODELING IN NOYES LABORATORY, URBANA

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of cost-plus contracts for remodeling in Noyes Laboratory for the Department of Microbiology, the award in each case to the lowest bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Total Estimated Fee Payments</i>
General — Dean Evans Co., Champaign . .	10	26	10	\$882 00
Electrical — Emric Electric, Inc., Champaign	10	23	0	280 00
Plumbing — Wren C. & Willis H. Thomas, a partnership doing business as Thomas Plumbing & Heating Co., Urbana	20	39	5	974 50
Heating, Piping, Refrigeration, and Auto- matic Temperature Control Systems — W. L. Rogers, an individual doing busi- ness as Cool-Rite Refrigeration, Urbana	22	26	5	811 00
Ventilation and Distribution Systems for Conditioned Air — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana	22	26	5	808 00

Since W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana, is the lowest bidder with identical bids for heating, piping, refrigeration, and automatic temperature control systems work and ventilation and distribution systems for conditioned air work, it is also recommended that these two awards be combined into a single contract in lieu of separate contracts.

The estimated total cost of the work is \$27,030. Funds are available from an appropriation approved by the Board of Trustees on October 13, 1966.

I concur.

On motion of Mr. Hughes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Governor Kerner, Mr. Page.

CONTRACT FOR ELECTRICAL INSTALLATION WORK OF CABLE AND SWITCHGEAR EQUIPMENT AT ABBOTT POWER PLANT, URBANA

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$107,963 to Aldridge Electric, Inc., Lake Forest, the lowest bidder, for installation of high-voltage power cable and switchgear equipment at the Abbott Power Plant.

Funds are available in state capital appropriations to the University for additions to the Power Plant and extension of utilities, and have been released.

I concur.

On motion of Mr. Williamson, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Governor Kerner, Mr. Page.

REQUEST TO THE ILLINOIS BUILDING AUTHORITY TO CONSTRUCT THE MEDICAL SCIENCES ADDITION, MEDICAL CENTER

(16) On October 25, 1966, the Illinois Building Authority received bids for all work for the construction of the Medical Sciences Addition, Phase II, building at the Medical Center campus. The lowest bidder was Joseph J. Duffy Co., Chicago, with a bid of \$1,584,404, this sum being the total of the base bid and nineteen recommended alternates. Six other proposals were received with bids (the base bid plus recommended alternates) from \$1,649,500 to \$1,831,119. The lowest bidder is considered qualified for this project.

The project is one of those which the Board of Trustees at its meeting on September 22, 1965, requested the Illinois Building Authority to provide. The Authority will finance construction and lease the facilities to the University for rental payments for which state appropriations are available. The University will transfer jurisdiction of the land on which the project will be constructed to the Authority.

The Director of the Physical Plant and the Vice-President and Comptroller

recommend that the Board authorize the transfer of jurisdiction of the site and request the Illinois Building Authority to award a contract for the described work to the lowest bidder and proceed to procure this facility for the use of the University.

I concur and recommend adoption of the following resolutions.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to Joseph J. Duffy Co., 4994 Elston Avenue, Chicago, Illinois, the low bidder, a contract for the entire work for the construction of the Medical Sciences Addition, Phase II, Building at the Medical Center, for the fixed price of \$1,584,404, being a summation of the base bid of \$1,482,622 and the following nineteen alternate proposals:

G-1	Folding partition between Rooms 705 and 705A.....	\$ 822
G-2	Resilient floor and base.....	11,141
G-4	Acoustical work.....	4,695
G-7	General work to accommodate dumbwaiter equipment.....	393
P-1	Plumbing for wash-down system-perchloric acid exhaust system...	1,084
P-2	Plumbing work for distilled water system.....	388
HR-1	Heating & refrigeration-relocation of 23 fume hood exhaust fans...	3,465
HR-2	Heating and refrigeration work-perchloric acid exhaust system...	3,300
HR-3	Heating and refrigeration work-distilled water system.....	16,500
HR-4	Distilled water outlets and fixtures in labs.....	4,422
V-1	Ventilation work-relocation of 23 fume hoods.....	29,040
V-2	Ventilation work-wash-down system, perchloric acid exhaust.....	13,970
PC-1	Pipe covering and insulation for distilled water system.....	1,024
E-1	Electric work-relocation of 23 fume hood exhaust fans.....	5,258
E-2	Electrical work for dumbwaiter.....	218
E-3	Electrical work-perchloric acid exhaust system.....	946
E-4	Surface mounted fixtures where acoustical ceilings added.....	-1,100
LE-1	Distilled water fixtures.....	694
DW-1	Dumbwaiter equipment.....	5,522

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Governor Kerner, Mr. Page.

Resolution

WHEREAS, the Seventy-fourth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, a Medical Sciences Addition at the Medical Center Campus of the University of Illinois, in Chicago, Illinois; and

WHEREAS, for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said Addition will be located; and

WHEREAS, the site for the Medical Sciences Addition has been determined and The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois, will be requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said Building; and

WHEREAS, at its September 22, 1965 meeting The Board of Trustees of the University of Illinois authorized the transfer of jurisdiction to the Illinois Building Authority of the site for said Medical Sciences Addition;

Now, therefore, be it and it hereby is resolved by The Board of Trustees of the University of Illinois, as follows:

Section 1. That the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be and they are hereby authorized to execute, acknowledge and deliver in the name and on behalf of this corporation an Instrument of Transfer of jurisdiction to the Illinois Building Authority transferring jurisdiction of the following described real estate:

The South 164 feet 4 inches of the North 429 feet 8¼ inches of the East 80 feet 11 inches of the West 92 feet 7 inches of that part of Blocks 3 and 4 of Codwise's Subdivision of the West ½ of the Southeast ¼ 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) lying South of the South Line of West Polk Street and East of the East line of South Wolcott Avenue, all in the City of Chicago, Cook County, Illinois

being the site upon which the Illinois Building Authority is to construct said Medical Sciences Addition.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Governor Kerner, Mr. Page.

ALLOCATION OF FUNDS FOR CONSTRUCTION OF A HANGAR AT WILLARD AIRPORT

(17) Because of limited hangar facilities, four University aircraft, two of the Twin Beach aircraft and both of the DC-3 aircraft, continue to be exposed to the weather at the University of Illinois-Willard Airport. Therefore, it is proposed that a new hangar of approximately 140 feet by 140 feet be constructed at an estimated cost of \$150,000.

Provision of the new facility will result in elimination of weather damage, lower depreciation costs, lower inspection costs, and better service.

It is recommended that this facility be constructed out of reserves at the Airport, with the funds being replaced by future earnings from the Airport operations.

On motion of Mr. Swain, this recommendation was approved.

AWARD OF CONTRACT BY THE ATHLETIC ASSOCIATION FOR PRESS BOX AT MEMORIAL STADIUM, URBANA CAMPUS

(18) The Board of Directors of the Athletic Association has approved award of a contract for \$508,298 to Kuhne-Simmons Co., Inc., Champaign, the lowest bidder, for the construction of a press box at Memorial Stadium. Funds for the project will be provided by the Athletic Association.

In accordance with the By-laws of the Athletic Association, the Comptroller has approved this contract, and it is reported to the Board for record.

On motion of Mr. Swain, this report was accepted for record.

PURCHASES

(19) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller.

The list of purchases recommended for Board approval was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds.....	\$ 62 578 04
From Institutional Funds.....	249 012 18
<i>Grand Total</i>	<u>\$311 590 22</u>

A complete list of the purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance

of the meeting, and a copy has been filed with the Secretary of the Board for record.

On motion of Mr. Swain, the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(20) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary of the Board.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(21) The Comptroller's report of contracts executed during the period November 1 to 30, 1966.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
The Glidden Company	The stereospecific biological oxidation and oxygenation of alcohols and dipentene hydrocarbons	\$ 24 958 00
Illinois State Library	Library career recruitment project	21 000 00
National Aeronautics and Space Administration NAS7-100 (Subcontract with California Institute of Technology)	Research in thermal scale modeling	49 364 00
Roselle Park District	Appraisal of park and recreation areas, facilities and services in Roselle with recommendations for improvements	2 000 00
United States Air Force AF-AFOSR-547-67	Wall turbulence	20 600 00
F23601-67-C-0121	Graduate level training of civilians at civilian schools	3 555 00
F19628-67C-0028	Theoretical study to investigate the response of the ionosphere to a solar eclipse	21 081 00
United States Atomic Energy Commission AT(11-1)-1652	Genetic potential of certain populations of drosophila	25 439 00
United States Department of Health, Education, and Welfare OEC-3-6-061279-1609	Research study of an approach to aesthetic education	20 486 00
United States Navy N00014-67-C-0045	Education and development of medical education for national defense	10 000 00
<i>Total</i>		<u>\$198 483 00</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Dennis Booking Agency	Performance by The Kingsmen and The Five Bucks at Chicago Circle	\$ 2 600 00

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
National Aeronautics and Space Administration NGR14-005-050	Properties of human sweat and factors affecting the water balance in confined spaces	\$33 908 00
NSG-24	Electron content of the ionosphere by means of satellite radio transmission	125 000 00
NSG-395	Selected radiation and propagation problems related to antennas and probes in magneto-ionic media	45 586 00
United States Air Force AF19 (628)-4337	Junction effects in compound semiconductors	50 000 00
AF30 (602)-4144	Experimentation in parallel computation	400 000 00
AF33 (615)-3890	Cybernetics research	90 000 00
United States Army DA 28-043-AMC-00338(E)	Development of a compact, easily transportable HF directive array	447 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
DA-49-193-MD-2060	Interpersonal and psychological adjustment of group members	\$ 38 406 00
DA-49-193-MD-2548	Refractometric analysis of water in body fluids	32 000 00
United States Atomic Energy Commission		
AT (11-1)-790	Ribonucleic acid in the accumulation of ions by plant cells	20 979 00
AT (11-1)-1195	Elementary particle interactions in the high energy regions	220 000 00
AT (11-1)-1198	Understanding the nature of materials, predominantly solids	100 000 00
United States Department of Health, Education, and Welfare		
OE-5-85-038	Study of practical nursing	158 960 00
OEC-3-6-061279-1609	Research study of an approach to aesthetic education	797 00
Total		\$1 316 083 00

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Downtown Electric	Cost-plus contract — electrical	Noyes Laboratory \$ 3 500 00
Dean Evans Company	Cost-plus contract — general (four items, \$2,800 to \$12,000)	Noyes Laboratory, Animal Sciences Laboratory, 1207 West Oregon Street 25 800 00
General Paving Company, Incorporated	General	Children's Research Center 2 550 00
Kühne-Simmons Co., Inc.	General	Florida Avenue Residence Halls 5 099 00
Pathman Construction Company	General	Digital Computer Laboratory 3 215 00
C. A. Petry and Sons, Inc.	General (two items, \$2,772 and \$5,000)	Children's Research Center 7 772 00
Reliable Plumbing and Heating Company	Cost-plus contract — heating and ventilating	Swine Research Center 4 005 00
Thomas Plumbing and Heating Company	Cost-plus contract — plumbing (two items, \$4,740 and \$6,000)	Animal Sciences Laboratory, Noyes Laboratory 10 740 00
Total		\$ 62 681 00

Summary

Amount to be paid to the University.....	\$1 514 566 00
Amount to be paid by the University.....	65 281 00

This report was received for record.

INVESTMENT REPORT

Report of the Comptroller

(22) The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of October, 1966:

Current Funds

ART OBJECTS

Purchase

\$300 000 U.S. Treasury bills due 10/31/67..... \$ 283 334 67

FORD FOUNDATION GENERAL ENGINEERING

Purchase

\$ 5 000 U.S. Treasury bills due 2/2/67..... 4 917 78

10 000 U.S. Treasury bills due 8/31/67..... 9 506 50

RESTRICTED GROUP

Purchase

\$ 250 000 Beneficial Finance 5½ per cent notes due 12/30/66.... 246 572 92

1 000 000 Household Finance 5¾ per cent notes due 12/30/66... 1 000 000 00

1 000 000 International Harvester 5.82 per cent notes due 12/30/66.....	\$ 1 000 000 00
750 000 CIT Financial 5.84 per cent notes due 1/13/67.....	750 000 00
1 000 000 Comm. Credit 5 $\frac{1}{8}$ per cent notes due 1/31/67.....	1 000 000 00
500 000 General Motors Acceptance Corp. 5.85 per cent notes due 1/31/67.....	500 000 00
500 000 General Motors Acceptance Corp. 5 $\frac{1}{8}$ per cent notes due 1/31/67.....	500 000 00
1 000 000 Sears Roebuck Acceptance 5.87 per cent notes due 3/31/67.....	1 000 000 00
<i>Construction Funds</i>	
UNION BUILDING (Chicago Circle)	
Purchase	
\$10 000 U.S. Treasury bills due 3/9/67.....	9 778 97
FLORIDA AVENUE RESIDENCE HALL	
Sale	
\$620 000 U.S. Treasury 4 per cent notes due 11/15/66.....	619 171 57
GRADUATE HOUSING	
Sale	
\$45 000 U.S. Treasury bills due 10/13/66.....	44 980 12
<i>Sinking Funds</i>	
MEN'S RESIDENCE HALLS OF 1957	
Purchase	
\$6 000 U.S. Treasury 4 $\frac{1}{8}$ per cent notes due 11/15/67.....	5 986 88

This report was received for record.

REPORTS AND RECOMMENDATIONS FROM THE
PRESIDENT OF THE BOARD

REPORT OF COMMITTEE ON GENERAL POLICY ON ESTABLISHMENT
OF COLLEGE OF EDUCATION AND SCHOOL OF PHYSICAL
EDUCATION. CHICAGO CIRCLE

Mr. Jones, for the Committee on General Policy, presented the following report:

On November 10, 1966, the Board of Trustees gave provisional approval to a recommendation of the Chancellor of the Chicago Circle campus and the President of the University for the establishment of a College of Education and a School of Physical Education at the Chicago Circle campus. The recommendation included the stipulation "that the Trustees defer final approval until the present action has been reported to the Chicago Circle Senate for its information and further advice."

On December 6, 1966, the Chicago Circle Senate, by a vote of 69-52, approved a recommendation of its Committee on Educational Policy, as follows:

Since the Board of Trustees has provisionally approved a plan for a College of Education which is counter to the recommendation of this Senate, we recommend that the Senate advise the Board of Trustees of its affirmation of its decision. The Senate requests that representatives of this Senate be named by the Senate to meet with the Board and present its position and hear their position prior to a final decision.

On December 8, 1966, the Committee on General Policy of the Board of Trustees met with the designated representatives of the Chicago Circle Senate. The Committee also received through the Chancellor the information that the faculties of the present Divisions of Education and Physical Education have unanimously expressed a view contrary to that of the Senate, and their views were also received.

In the light of the division among the faculty of the Chicago Circle campus and its Senate, and in the light of the overriding considerations expressed in the original recommendation presented on November 10 by the Chancellor of the Chicago Circle campus and the President of the University, and with a full view of the problem and the provision for balance between discipline and method, the Committee on General Policy recommends that the Board of Trustees now give final

approval to the establishment of a College of Education (and within it a School of Physical Education) as provisionally approved on November 10.

As indicated earlier, this approval is subject to further action by the Board of Higher Education.

On motion of Mr. Jones, this recommendation was approved. Mr. Dilliard and Mr. Hughes asked to be recorded as voting "No."

Following is the complete text of the recommendation of the Chancellor at Chicago Circle and a supporting memorandum, and a Report of the Ad Hoc Committee on a College of Education at Chicago Circle.

UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE
OFFICE OF THE CHANCELLOR

October 24, 1966

PRESIDENT HENRY :

This letter is to recommend the establishment of a College of Education at the University of Illinois at Chicago Circle as soon as it is possible to do so. This recommendation grows out of a history of commitments and planning by the University dating back to January, 1961 (see attachment A), and to meet the pressing and growing need for teachers in the elementary and secondary school systems.

The Council on Teacher Education at Chicago Circle and the Executive Committee of the Chancellor's Administrative Council have reaffirmed their earlier recommendations first made in December, 1965, that a College of Education be established at the University of Illinois at Chicago Circle with a School of Physical Education within that college. The director of the school should be responsible to the dean of the college on matters relating to curricula and courses and to the Chancellor on matters relating to intercollegiate athletics and intramural programs.

A College of Education at Chicago Circle would perform the following functions: (a) offer the professional education courses needed for undergraduate teacher-education curricula; (b) develop suitable graduate programs designed to train high-level professional personnel in educational administration and research; (c) conduct research and development in educational methods and materials (in collaboration with subject-matter specialists), with special reference to the needs of disadvantaged students; (d) maintain effective liaison relationships with the profession of education at local, state, and national levels.

In addition to the University obligations and commitments to the hundreds of students, and the various agencies of the state of Illinois, a comprehensive organization and program for the training of teachers is an integral part of the University's total approach to its urban environment and calling. The need for teachers is nowhere more keenly felt than in the urban areas. An urban studies program which ignores this reality falls far short of major accomplishment in scholarship, research, and applicability to contemporary problems.

At the October 11, 1966, meeting of the Faculty Senate at Chicago Circle, a report (attachment B) of an Ad Hoc Committee on a College of Education appointed by the Senate was presented, considered, and voted upon. The Ad Hoc Committee presented two plans to the Senate. The report of the Committee stated: "From the deliberations of the Senate Ad Hoc Committee on a College of Education have emerged two plans for establishing an organization. Both plans have received equal support — by a vote of six to six with two abstentions. It had been hoped that consultation with recognized leaders in the educational field would suggest a solution of merit obvious to all. However, inasmuch as we have been informed that the urgency of the situation brooks no delay, we are submitting the two plans to the Senate at this time.

"The Committee wishes to emphasize that the two plans are meant to reflect, through their structures, not only the differences in philosophy which have arisen, but also the very broad areas of agreements among all members. We subscribe to the general ideas expressed by the Provost relating to the unique function to be fulfilled by the University in its urban setting: the emphasis on research, on training of specialists and administrative personnel as well as teachers, on the achievement of close cooperation between the school of education and other faculties within the University. We agree that academic departments should continue to bear major responsibility for training of secondary school teachers.

"The point at issue is which pattern of organization will prove more effective in:

1. Achieving the cooperation mentioned above and
2. Attracting the faculty to realize the above goals.

"This is the issue which we must now lay before the Senate."

A substantial portion of the Ad Hoc Committee (50 per cent) and of the Senate (41 per cent) favored Plan B which states that because the functions, as outlined by the Provost, are highly interrelated, they are best served by placing the responsibility for them in one agency, namely, the College of Education rather than in a Department of Elementary Education located in Liberal Arts and Sciences and a Graduate School of Education. Nothing is said of where future programs such as Special Education for teaching the mentally handicapped could be placed if there is to be no undergraduate College of Education. To divide this responsibility would of necessity lead to waste, confusion, and possible neglect. Needless to say, the problems of education and of the schools deserve the best treatment that the University of Illinois at Chicago Circle can afford to give them. Furthermore, a strong organization is needed to respond effectively to the federal government, the United States Office of Education, the state of Illinois, and the city of Chicago in order to attract federal, state, and private monies which will form an important part of the support of the total program.

The degree of excellence to which the above mentioned functions are carried out is dependent upon the selection of a highly competent administrative officer as is the case in any of the existing colleges within the University. Good work is performed by good people. Quite naturally, the University of Illinois at Chicago Circle wants the best possible person available to provide the leadership for a faculty of Education. This caliber of administrator is more likely to be attracted by a Deanship in a College of Education than by a department headship in the College of Liberal Arts and Sciences; also most scholarly teachers and researchers will be similarly attracted.

In repeated statements the University has indicated its commitment to the establishment of a College of Education to faculty of the University, to prospective students, to residents of the city, and to citizens of the state. A commitment has been made; evidence of it abounds. A disavowal of the commitment of the University is unwise at any time; in her infancy it is worse.

It is not to be construed that the College of Education should be isolated from the rest of the University, nor that it should be the only agency that should be concerned with the education of teachers and researchers in the field of education. The total education of the teacher has several interrelated aspects, none of which should be omitted. These aspects are:

1. A strong liberal education which provides a broad view of the world and academic disciplines,
2. A thorough knowledge of the subject to be taught, and
3. Professional skills and knowledge enabling the teacher to best teach his subject area.

Both liberal and professional education are essential to the sound preparation of the teacher. In order to avoid isolation of a College of Education from the rest of the academic community, all departments in the University engaged in the education of teachers must share the responsibility for teacher education. The criteria for the determination of the responsibility of the various aspects of the teachers' education are the competency and interest of the faculty:

1. The departments and professors of the liberal arts and sciences must provide leadership in determining the liberal education of all the students of the University.
2. Subject-matter departments and professors should provide leadership in formulating the teaching specialization majors and minors.
3. Similarly, the professors of education should take the leadership in formulating the core of knowledge and skills centered about the art of teaching. This is not to indicate for example that historians, philosophers, and psychologists should remain aloof from education and the schools. Certainly so important an institution deserves the interest and competencies of many in the academic world.

When practicable, joint appointments between the College of Education and

the subject-matter departments should be effected in order that a maximum of leadership and training will be provided and a correlation of curricula and expenditure of time and means will result. Such interdepartmental and interdisciplinary cooperation is imperative for high quality teacher education.

It is time for the power that at one time resided with the professors of education to reside with the total institution. The academic disciplines must demonstrate a willingness and a competence to participate in teacher education and school oriented research.

The University of Illinois at Chicago Circle faces multiple commitments. One thousand two hundred and seventy-five students have enrolled in programs in secondary education up to the senior year. Four hundred and seventy-five students have enrolled in elementary education through the sophomore year. Over two hundred are enrolled in degree programs in physical education. All of these programs have been approved by the Board of Trustees.

Educational practice is required for certification both in elementary and secondary education, and arrangements have had to be made well in advance. Placement is a part of the teacher education programs. Consequently, administrative decisions have been required and necessary appointments have been made in placement and in educational practice. Other decisions remain to be made.

Presentation of the curriculum in elementary education to the Board of Higher Education has been delayed since last December to make possible describing the organizational structure. Further delay is undesirable. The pattern of organization in teacher education at the University of Illinois is well-established in a form which the Board of Trustees has approved. It is also the established practice at the University of Illinois that degrees are granted only by colleges.

Programs in education will continue within the cognizance of a Council on Teacher Education chaired by the Dean of Faculties and made up of the deans of all the colleges having the disciplines of the secondary program, i.e., Liberal Arts and Sciences, Architecture and Art, Business Administration, etc.

The Teacher Certification Board of the State of Illinois through its Executive Secretary, in a letter dated July 26, 1966, urged the University to move immediately to the establishment of a College of Education. The letter said, in part, "that a college could well encompass many facets of the professional education program and do a better job of coordinating many diverse efforts."

This entire matter must be resolved in the near future, since the University can not afford to postpone any longer the development of suitable organizational arrangements and the recruitment of staff for this crucial field of instruction, research, and public service.

Several factors make prompt action necessary. Decisions regarding the curricula, major areas of emphasis in teacher education, and the characteristics of the faculty should be made in large part in terms of the structure of the educational unit. The Dean of the College obviously should be identified as soon as possible. A Consultative Committee including members from the other colleges and possibly with representation from outside the University should proceed at once to help select the best person available in the country. Faculty who are being recruited justifiably want to know the organizational form of the unit and its relationship to other components of the University, since these features reflect the general status in the University of the teacher education program. Students quite obviously need answers to these and other questions (e.g., which component of the University certifies them for graduation). The University of Illinois should also make clear to the public school sector of the state the organizational form of the teacher education program at Chicago Circle, since it is clear that the status and functional effectiveness of an academic program is in considerable measure dependent upon its administrative structure.

I hope that you will concur in the recommendation and present it to the Board of Trustees at the November meeting.

NORMAN A. PARKER
Chancellor

Attachment A. Memorandum Concerning Establishment of a College of Education at Chicago Circle

Items I through VII of the following statement were given to the Senate, October 11, 1966, for its information. They present a chronological review of the subject.

I. The initial educational program for the Chicago Undergraduate Division projected for the opening of a new campus in the fall of 1964 was presented to the Board of Trustees on January 18, 1961, and approved on February 15, 1961. It had been presented to the Chicago Undergraduate Division Senate on January 10, 1961. The Board of Trustees action included the following:

Division of Education

Courses in education sufficient to meet the requirements for teacher certification will be offered, but initially no degree programs in education as such are planned. Degree programs in teacher education will be offered in the departments of the several colleges which administer the subject-matter fields taught in the secondary schools. The director of the Division of Education would be the coordinator of teacher-education programs in the several colleges and would supervise the courses in education offered by the Division of Education. Degree programs in education will be introduced if and when it is established that the facilities of existing teacher-education institutions in Chicago are inadequate to meet the need.

Division of Physical Education

Programs in physical education and recreational activities will be established in the first phase of development to the extent that physical facilities permit.

The program just described should enable the University of Illinois to meet the most pressing needs suggested above in the statement of objectives—namely those related to the undergraduate enrollment demand created by population increases and by the rising proportion of high school graduates seeking admission to college. *This will be the primary mission of the expanded Chicago Undergraduate Division, and this purpose will have priority over all other claims upon the space and operating funds available to the Division.*

At the same time, future developments on the new campus should not be limited arbitrarily to these initial programs. The educational needs of the Chicago metropolitan area, the degree to which they can be met satisfactorily by existing institutions and programs, and the availability of resources should be the controlling considerations. The University of Illinois will keep the problem of further educational development at the Chicago Undergraduate Division under continuing study, and will propose such changes as seem justified by the total educational situation in the Chicago metropolitan area.

II. On February 23, 1965, the Chicago Circle Senate approved a curriculum, Preparatory to Teaching in the Elementary School. The Board of Trustees approved the curriculum on April 23, 1965, "subject to further action by the Board of Higher Education." On the basis of the Board of Trustees' action, the Executive Vice-President and Provost authorized enrollment of freshmen in the new program in September, 1965. There are now approximately 475 students enrolled in this program at the freshman and sophomore levels. Also, on February 23, 1965, the Chicago Circle Senate approved a revision in Section 24 of the University *Statutes*, creating a Council on Teacher Education at Chicago Circle, a Council at Urbana-Champaign, and a University Council on Teacher Education. On approval by the other two Senates, this revision was approved by the Board of Trustees on July 21, 1965. There are approximately 1,375 students enrolled in Secondary School Teachers Programs in ten programs under direction of the Council.

III. On June 10, 1965, the Chicago Circle Senate approved curricula in Physical Education which were approved by the Board of Trustees on July 27, 1966. Under the Board of Trustees action of February 15, 1961, quoted above, the curricula do not require action by the Board of Higher Education. There are approximately 200 students in these programs which are under the Council on Teacher Education.

IV. At the meeting of the Chicago Circle Senate on December 7, 1965, the Committee on Educational Policy presented the recommendation of the Chicago Circle Council on Teacher Education for the establishment of a College of Education at Chicago Circle, with a School of Physical Education within that College. The Director of the School was to be responsible to the Dean of the College on matters relating to curricula and courses and to the Chancellor on matters relating to inter-collegiate athletics and intramural programs. The Committee on Educational Policy recommended approval of this form of organization. A substitute motion was offered from the floor, calling for the formation of a committee to study the question of establishing a College of Education, specifying the constitution of the com-

mittee, and providing for open University hearings by the committee before making a report to the Senate. This motion passed.

V. A committee was appointed, January 13, 1966, in a letter from the Chancellor which emphasized that "while no time limit is in effect upon the deliberations of the committee, if its recommendations are to be of any value in the University's consideration of this problem, prompt action is necessary. "Subsequently, the Committee met with the members of the Council on Teacher Education, the Educational Policy Committee of the Senate and Provost Lanier to discuss the matter of a College of Education. Following this meeting, the Chancellor was asked by the Ad Hoc Committee to authorize appointment of Education Consultants.

VI. The Chancellor asked the Committee in a letter dated March 17, 1966, to set forth the problems with which it is concerned, the questions it proposed to raise and the issues for consultation. It was also his request that the Committee react to the discussion with the Provost and to an outline of historical facts and commitments concerning the establishment of degree programs in education. No reply to this request has been received to date.

VII. The last Senate meeting of the year was held on June 7, 1966, and a recessed meeting was held on June 9. Under date of June 9, too late to circulate to the Senate, an interim report from the Committee was presented to the Secretary of the Senate. This report responded partially to the requests made in the March 17 letter. It advocates the development of experimental programs, but leaves unanswered the question of structure within which these programs are to occur. The Committee wished to call four expert witnesses from other institutions with varying forms of organization of teacher education before making its report and recommendations in January, 1967.

VIII. The first Senate meeting of the 1966-67 academic year was held October 11, 1966. The Ad Hoc Committee reported substantial areas of agreement in all areas except the pattern of organization.

The two plans of organization in essence were:

Plan A—to establish a department of elementary education in the College of Liberal Arts and Sciences; to establish a Graduate School of Education; to teach all courses required for teachers in the College of Liberal Arts and Sciences.

Plan B—to establish a College of Education with a School of Physical Education in the conventional pattern.

The Senate, after long debate and after many members had left, voted forty-eight to thirty-four in favor of Plan A.

(The full report of the Ad Hoc Committee is supplied as Attachment B.)

Attachment B. Report of the Ad Hoc Committee on a College of Education

Preamble

From the deliberations of the Senate Ad Hoc Committee on a College of Education have emerged two plans for establishing an organization. Both plans have received equal support—by a vote of six to six with two abstentions. It had been hoped that consultation with recognized leaders in the educational field would suggest a solution of merit obvious to all. However, inasmuch as we have been informed that the urgency of the situation brooks no delay, we are submitting the two plans to the Senate at this time.

The committee wishes to emphasize that the two plans are meant to reflect, through their structures, not only the differences in philosophy which have arisen, but also the very broad areas of agreement among all members. We subscribe to the general ideas expressed by the Provost relating to the unique function to be fulfilled by the University in its urban setting: the emphasis on research, on training of specialists and administrative personnel as well as teachers, on the achievement of close cooperation between the school of education and other faculties within the University. We agree that academic departments should continue to bear major responsibility for training of secondary school teachers.

The point at issue is which pattern of organization will prove more effective

in (1) achieving the cooperation mentioned above and (2) attracting the faculty to realize the above goals. This is the issue which we must now lay before the Senate.

Plan A

The recommendations which follow, and which form the substance of this report, provide for organizational forms in education which at once: (1) establish an education program performing a full and complete range of education functions; (2) provide for a maximum contact between the research/developmental and curricular concerns of an education program; and (3) avoid the isolation from the rest of the university academic community which in the past has often reduced the effectiveness and progressiveness of the traditional Colleges of Education. The latter is accomplished by the establishment of avenues of contact and mutual involvement between the education curricula and other colleges and departments, thus approaching the reality of an all-University participation in this very important educational area.

Undergraduate Education

Elementary Education

A Department of Elementary Education will be established in the College of Liberal Arts and Sciences; the College of Liberal Arts and Sciences will award a B.A. or B.S. degree to majors in the Department of Elementary Education. This department will offer professional courses in elementary education, will take charge of all advising and guidance for elementary education majors, and will be a general administrative office for matters pertaining to the elementary education curriculum. Strictly professional courses such as the following (using examples from the University of Illinois-Urbana catalog) will be offered by members of the Department of Elementary Education, who hereafter shall be jointly appointed to the Department of Elementary Education and the Graduate School of Education (see below): Nature of the Teaching Profession (Education 101); Principles of Elementary Education (Education 230); Techniques of Teaching in Elementary School (Education 231); Classroom Programs in Childhood Education (Education 233); and Primary Reading (Education 336). Practice teaching at all levels—elementary and secondary—will be supervised in collaboration with the Graduate School of Education as a method of introducing the latest insights of educational research directly into the classroom. Courses such as Child Development, Educational Psychology, History of Education, Philosophy of Education, and so on, will be taught in the appropriate subject-matter departments. All required courses of the elementary education curriculum would be worked out in collaboration with the Graduate School of Education.

Secondary Education

All courses required of students planning to teach in secondary schools would be taught in the related subject-matter departments. Thus, courses in educational psychology would be taught in the Psychology Department; the history of education in the History Department; the philosophy of education in the Philosophy Department; and the sociology of education in the Sociology Department. In all cases, the departments concerned will develop such courses as may be required to satisfy these demands, and will recruit faculty with specialized training and interests in these areas. Further, each subject-matter department embracing a teacher-education major will be responsible for the development of courses in the methods of teaching of that subject matter, as well as for the supervision of practice teaching in the secondary schools; in both cases, this will be done in active collaboration with the Graduate School of Education. Such departments will either designate present members of their faculty for the purposes of supervision of practice teaching, or will recruit new members, the criteria for whose advancement and promotion within the department must be such as to assure the procurement and retention of persons of the highest quality.

Other Administrative Functions

An office of Coordinator of Practice Teaching will be established, the duties of which will relate to the scheduling and coordination of practice-teaching supervision, the keeping of records, and such other essentially administrative functions as may be deemed necessary to expedite and facilitate this aspect of the teacher-training requirements.

Graduate Education

Organization

Inasmuch as the teaching of educational curricula at the graduate level constitutes legitimate professional training, in many cases quite distinct from undergraduate curricula, the organizational framework within which these curricula will be accommodated will be that of a graduate school. The Jane Addams Graduate School of Social Work provides a precedent. There will therefore be established a Graduate School of Education, which will award its graduate degrees through the Graduate College of the University of Illinois. The chief administrative officer of the Graduate School of Education will have the rank and title of Dean. The faculty of the Graduate School of Education may be recruited either directly, to hold rank in the Graduate School of Education alone—in which case the consent of subject-matter departments must be secured for appointments whose specialization lies within the competence of such departments—or may be recruited by means of joint appointments between subject-matter departments and the Graduate School of Education.

Curriculum

The Graduate School of Education will have primary responsibility for the development of standard curricula leading to master's and doctor's degrees in such fields as Educational Administration, Educational Psychology, the Philosophy of Education, Teaching Methods, and so on. Programs of special-purpose teaching will also be a part of the graduate program and curricular responsibilities of the Graduate School of Education. In addition to such traditional problem areas as the teaching of handicapped children, primary attention should be directed toward the development of courses and methods in the teaching of culturally disadvantaged children. Avenues of contact and significant influence between these elements of the graduate curricula and the curricula of elementary and secondary education are provided through the media of joint appointments and consultation and supervision of various facets of practice teaching, as discussed above. The work of the Graduate School of Education in this area could derive potentially great profit from cooperation with the resources, programs, and personnel of the Center for Urban Studies; it is hoped that arrangements can be made at an early date to establish formal connections between the Graduate School of Education and the Center for Urban Studies.

Research and Development

It is intended that the Graduate School of Education also be the chief framework within which research programs of various kinds be accommodated and encouraged. It will be the organizational and administrative body through which grants for research and developmental programs and projects from private and public sources can be obtained, and through which the unique contributory possibilities of a great urban university in original educational research can be realized. Again, it is assumed that the Graduate School of Education will supervise such liaisons as may be established between research and development programs, especially with regard to the problems of education for the culturally disadvantaged, and the curricular and practice-teaching aspects of teacher training at both elementary and secondary levels.

Physical Education

Some questions may arise concerning the position of Physical Education within the curricular and organizational proposals made here. This report actually implies no changes in the present status of Physical Education. There is no reason why the Division of Physical Education should not continue to exist in its present form; a possible alternative, in undergraduate education, would be its reorganization as a Department of Physical Education in the College of Liberal Arts and Sciences, containing several curricula (as at present). At the graduate level, inasmuch as curricula in physical education constitute professional education, they would be located in the proposed Graduate School of Education.

Plan B

It is with pleasure that we have accepted the invitation to attempt to set forth some of the reasons why a College of Education should be established at the University of Illinois at Chicago Circle.

We strongly agree with Provost L. H. Lanier that the functions of a faculty of Education and of the University of Illinois at Chicago Circle are the following:

1. The education of teachers at all levels—elementary, secondary, junior college, and university,
2. The preparation of educators, administrators, and research specialists at the graduate level, and
3. The performance of research in education as a social institution with an emphasis on urban problems.

Because these three functions are highly interrelated, they are served best by placing the responsibility for them in one agency, namely, the College of Education. To divide this responsibility will of necessity lead to waste, confusion, and possible neglect. Needless to say, the problems of education and of the schools deserve the best treatment that the University of Illinois at Chicago Circle can afford to give them. Furthermore, a strong organization is needed to respond effectively to the federal government, the United States Office of Education, the state of Illinois, and the city of Chicago in order to attract federal, state, and private monies which will form at least part of the life blood of the total program.

The degree of excellence to which the above mentioned functions are carried out is dependent upon the selection of a highly competent administrative officer as is the case in any of the existing colleges within the University. Good work is performed by good people. Quite naturally, the University of Illinois at Chicago Circle wants the best possible available person in the country to provide the leadership for a faculty of Education. This outstanding administrator is most likely to be attracted by the position and rank of a deanship rather than some other lesser denotation of authority. Too, the superior individual is most likely to be attracted to lead that organizational unit within the University known as the College rather than a less prestigious unit.

Not only is the capable administrative officer most likely to be attracted to the college as the organizational unit but also the most scholarly teachers and researchers will be similarly drawn. It is difficult to lay the success of any educational institution at the feet of any group of people other than its faculty. Who other than a capable faculty will effectively carry out the teaching and research necessary for the advancement of education?

There is no doubt but that the college as the organizational unit of the university has more prestige than the school or the institute. If nothing else, the name "College" is an indication to the educational world and to future professors of education that the University is committed to studying and improving the schools of the city of Chicago and of the state of Illinois. Needless to say, the citizens of the state and their elected representatives in Springfield, our senators and representatives, will also take notice of such action.

Furthermore, in repeated statements the University has indicated its commitment to the establishment of a College of Education to the faculty of the University, to prospective students, to the residents of the city, and to the citizens of the state. A commitment has been made; evidence of it abounds. A disavowal of the commitments of the University is unwise at any time; in her infancy it is suicidal.

It is not to be construed that the College of Education should be isolated from the rest of the University, nor that it should be the only agency that should be concerned with the education of teachers and researchers in the field of education. The total education of the teacher has several interrelated aspects, none of which should be omitted. These aspects are:

1. A strong liberal education which provides a broad view of the world and academic disciplines,
2. A thorough knowledge of the subject to be taught, and
3. Professional skills and knowledge enabling the teacher to best teach his subject area.

Both liberal and professional education are essential to the sound preparation of the teacher. In order to avoid isolation of a College of Education from the rest of the academic community, all departments in the University engaged in the education of teachers must share the responsibility for teacher education. The criteria for the determination of the responsibility of the various aspects of the teachers' education are the competency and interest of the faculty:

1. The departments and professors of the liberal arts and sciences must provide leadership in determining the liberal education of all the students of the University.
2. Subject-matter departments and professors should provide leadership in formulating the teaching specialization majors and minors.
3. Similarly, the professors of education should take the leadership in formulating the core of knowledge and skills centered about the art of teaching. This is not to indicate for example that historians, philosophers, and psychologists should remain aloof from education and the schools. Certainly so important an institution deserves the interest and competencies of many in the academic world.

When practicable, joint appointments between the College of Education and the subject-matter departments should be effected in order that a maximum of leadership and training will be provided and a correlation of curricula and expenditure of time and means will result. Such interdepartmental and interdisciplinary cooperation is imperative for high quality teacher education.

It is time for the power that at one time resided with the professors of Education to reside with the total institution. The academic disciplines must demonstrate a willingness and a competency to participate in teacher education and school oriented research. This participation can be implemented by means of an All-University Council of Education for the purposes of curricular planning and counseling services to the student.

Again, we strongly urge the Senate of the University of Illinois at Chicago Circle to establish a College of Education for the aforementioned reasons.

VIOLET BERQUIST, Department of Spanish
 MILDRED FINNEY, Department of Geography
 LEO GEDVILAS, Physical Education for Men
 HELEN HOVDE, Department of Speech and Theatre
 KENNETH I. PERRY, Department of French
 WILMA PESAVENTO, Physical Education for Women

ILLINOIS BOARD OF HIGHER EDUCATION

President Clement reported on the recent action of the Illinois Board of Higher Education in adopting a Master Plan for Higher Education in Illinois (Phase II). He summarized the changes and revisions of a Provisional Draft for such a Plan and stated that he was referring the Plan as approved to the Committee on General Policy for its study and review.

MEETING OF THE ASSOCIATION OF GOVERNING BOARDS

Mrs. Watkins reported on a colloquium, which she had attended, sponsored by the Association of Governing Boards of Universities and Colleges.

MEMORIAL TO ADLAI E. STEVENSON

Mr. Dilliard expressed his view that there was need for a memorial to the late Adlai E. Stevenson on the Urbana campus. He proposed that the building now housing the College of Law be named for Mr. Stevenson. The President of the Board referred the suggestion to the Committee on Buildings and Grounds.

FUTURE BOARD MEETINGS

President Clement announced that the next three meetings would be held on January 12, 1967, at Chicago Circle, on February 9, 1967, at the Medical Center, and on March 14, 1967 (annual meeting), in Urbana.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; cancellations and resignations.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was approved by the President of the University. C = College; S = Station; E = Extension.)

Chicago Circle

- BAUR, WERNER H., Associate Professor of Geology, indefinite tenure from September 1, 1966, and Acting Head of the Department of Geology, academic year 1966-67, \$15,500 a year, supersedes (10-15-66).
- DUBOIS, MARGARET, Instructor in Biological Sciences, $\frac{1}{2}$ time, academic year 1966-67, \$3,000 (11-8-66).
- GADLIN, HOWARD, Assistant Professor of Psychology, academic year 1966-67, \$9,200, supersedes (10-11-66).
- JENNINGS, JACOB, JR., Staff Assistant in the Chicago Office of the President, September 16, 1966-August 31, 1967, \$9,000 a year (10-26-66).
- KRUEGER, WILLIAM E., Research Associate in Chemistry, July 25, 1966-June 30, 1967, \$7,000 a year (10-17-66).
- LANGER, MILTON F., Instructor in Geology, $\frac{3}{10}$ time, fall quarter 1966-67, \$630 (10-21-66).
- LOM, JIRI, Visiting Research Associate Professor of Biological Sciences, one month from September 1, 1966, \$1,000 (9-21-66).
- MASEK, GERALD A., Instructor in Bioengineering, Department of Information Engineering, academic year 1966-67, without salary (9-8-66).
- MITTELMAN, HENRY R., Instructor in Biological Sciences, $\frac{2}{3}$ time, academic year 1966-67, \$5,000 (10-21-66).
- PISCIOFFE, JOSEPH P., Assistant Professor of Political Science, academic year 1966-67, \$8,500, supersedes (11-3-66).
- RAHMAN, MATIUR, Instructor in Chemistry, academic year 1966-67, effective November 1, 1966, \$7,100 a year (10-17-66).
- ROE, WALTER B., Instructor in Geology, full time, fall quarter 1966-67, \$2,267, and $\frac{2}{3}$ time, winter and spring quarters 1966-67, \$1,817, supersedes (10-21-66).
- ROEMER, MRS. MARJORIE, Instructor in English, $\frac{2}{3}$ time, academic year 1966-67, \$4,350 (10-21-66).
- ROTE, DONALD M., Research Associate in Physics, eleven months from October 1, 1966, academic year service basis, \$8,500 a year (10-11-66).
- SHOMAY, DAVID, Associate Professor of Biological Sciences, $\frac{27}{100}$ time ($\frac{1}{3}$ time during the academic year only), indefinite tenure from September 1, 1966, \$3,570, and Assistant Dean of Faculties, $\frac{7}{100}$ time ($\frac{2}{3}$ time during the academic year and full time during the summer), one year from September 1, 1966, \$10,430, total salary \$14,000 a year, supersedes (10-4-66).
- SMITH, JAMES D., Instructor in Bioengineering, Department of Information Engineering, academic year 1966-67, without salary (10-19-66).
- SPIESS, MRS. LURETTA D., Research Associate in Biological Sciences, $\frac{1}{2}$ time, one year from September 1, 1966, \$4,320 (10-23-66).
- TIEMANN, PHILIP W., Head of Course Development Division, with rank of Instructor, in the Office of Instructional Resources, one year from September 1, 1966, \$12,000 (9-13-66).

Medical Center

- BERNSTEIN, IRA J., Instructor in Medicine, College of Medicine, $\frac{45}{100}$ time, four months from September 1, 1966, \$275 a month (10-17-66).
- COHEN, MYRON J., Instructor in Radiology, College of Dentistry, $\frac{2}{3}$ time, September 26, 1966-August 31, 1967, \$3,400 a year (11-1-66).
- DOMMERMUTH, PAUL R., Research Assistant Professor of Sociology, Department of Psychiatry, College of Medicine, four months from September 1, 1966, \$11,500 a year, and for eight months from January 1, 1967, \$12,000 a year, supersedes (11-1-66).
- DUNKELBERGER, R. H., Instructor in Medicine, College of Medicine, $\frac{3}{10}$ time, two months from September 1, 1966, \$2,100 a year and $\frac{2}{10}$ time, for eight months from November 1, 1966, \$1,500 a year (8-23-66).
- GRUELLE, ROBERT B., Assistant Director of the Union and of Housing, Physical Plant, Medical Center, one year from September 1, 1966, \$9,300 (10-21-66).
- HUDSON, ENSEL K., Assistant Professor of Medicine, College of Medicine, December 7, 1966-August 31, 1967, \$17,000 a year, supersedes (11-1-66).

- JOHNSON, A. BEAUMONT, II, Clinical Associate in Neurological Surgery, College of Medicine, $\frac{1}{4}$ time, one year from September 1, 1966, \$1,800 (10-31-66).
- KOSTIW, MRS. LUBA L., Instructor in Pharmacognosy, College of Pharmacy, academic year 1966-67, effective October 1, 1966, \$6,000 a year (10-17-66).
- MACKLER, HYMAN, Research Associate in Neurology, College of Medicine, $\frac{3}{10}$ time, one year from September 1, 1966, \$4,224, supersedes (10-17-66).
- ORE, DONALD E., Assistant Professor of Pedodontics, College of Dentistry, ten months from November 1, 1966, \$11,500 a year, supersedes (11-3-66).
- PROROK, EDWARD S., Assistant Professor of Orthodontics, College of Dentistry, $\frac{2}{5}$ time, eleven months from October 1, 1966, \$4,350 a year, supersedes (10-11-66).
- RIGHEIMER, JACK W., Coordinator of Public Service Radio and Television Programming for the Medical Center, and Urbana-Champaign Campus, ten months from November 1, 1966, \$10,200 a year (10-26-66).
- SCHECHTER, MRS. LYNNE D., Instructor in Medical Social Work, College of Medicine, $\frac{1}{2}$ time, October 17, 1966-August 31, 1967, \$3,900 a year (11-1-66).
- SEIKEL, LOUIS C., Instructor in Operative Dentistry, College of Dentistry, one year from September 1, 1966, \$7,000 (11-1-66).
- SOULEIL, CLAUDE M., Research Associate in Microbiology, College of Medicine, $\frac{3}{4}$ time, eleven months from October 1, 1966, \$5,000 a year (11-1-66).
- STELLING, MRS. JOAN G., Research Assistant Professor of Sociology, Department of Psychiatry, College of Medicine, four months from September 1, 1966, \$11,500 a year, and for eight months from January 1, 1967, \$12,000 a year, supersedes (11-1-66).
- TEXTOR, CHARLES S., II, Clinical Assistant Professor of Neurology and Neurological Surgery, College of Medicine, one year from September 1, 1966, \$1,200 (10-19-66).
- TOBIAS, ELI, Clinical Associate in Neurology and Neurological Surgery, College of Medicine, $\frac{13}{100}$ time, one year from September 1, 1966, \$1,200 (10-19-66).
- TSUCHIYA, GORO, Clinical Instructor in Neurological Surgery, College of Medicine, $\frac{18}{100}$ time, one year from September 1, 1966, \$1,200 (10-19-66).

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- ADLER, MRS. DONATELLA G., Research Assistant Professor of Physics (C), $\frac{1}{2}$ time, three months from November 1, 1966, \$400 a month (11-5-66).
- ALLRED, WILLIS L., Electronics Research Engineer in Chemistry, October 10, 1966-August 31, 1967, \$13,000 a year (11-5-66).
- ARCHER, WILLIAM K., Assistant Professor of Anthropology, $\frac{1}{2}$ time, and Research Assistant Professor in the Institute of Communications Research, $\frac{1}{2}$ time, one year from September 1, 1966, \$11,000 (11-8-66).
- ASH, CLARENCE L., Research Associate in Vocational and Technical Education, $\frac{1}{2}$ time, academic year 1966-67, \$3,500 (10-28-66).
- BAIRD, PHILIP G., Senior Specialist in Education, Department of Vocational and Technical Education, November 1, 1966-August 15, 1967, \$11,000 (10-15-66).
- BENDER, DONALD A., Instructor in Educational Administration and Supervision, $\frac{1}{2}$ time, and Instructor in Educational Psychology, $\frac{1}{2}$ time, academic year 1966-67, \$7,000 (10-27-66).
- BRUNER, MRS. ELAINE C., Specialist in Education, Institute for Research on Exceptional Children, academic year 1966-67, \$7,200 (10-21-66).
- CHAKRABARTY, MRS. KRISHNA, Research Associate in Animal Science (S), October 15, 1966-August 31, 1967, \$6,600 a year (10-18-66).
- COLLINS, DEAN R., Research Associate in Electrical Engineering (C), two months from October 1, 1966, \$875 a month (10-17-66).
- CROSSLEY-HOLLAND, PETER C., Visiting Lecturer in Music, November 15-December 15, 1966, \$2,000 (11-11-66).
- DOUGLAS, STEPHEN A., Assistant Professor of Political Science, academic year 1966-67, \$9,000, supersedes (11-1-66).
- DOWNING, ROBERT W., Research Physicist in the Department of Physics (C), ten months from November 1, 1966, \$10,000 a year, supersedes (10-26-66).
- EVERTTS, ELDONNA L., Associate Professor of Elementary Education, $\frac{1}{3}$ time, academic year 1966-67, \$3,550 (8-26-66).
- EYDE, DAVID B., Assistant Professor of Anthropology, academic year 1966-67, \$9,500, supersedes (11-3-66).
- FODA, YEHIA HASSEN, Research Associate in Horticulture (S), ten months from November 1, 1966, \$6,750 a year, supersedes (11-1-66).

- GEOGHEGAN, PATRICK M., Instructor in English, full time, Semester I 1966-67, \$2,725 (includes \$25 paid by College of Law), and $\frac{2}{3}$ time, Semester II 1966-67, \$1,800, supersedes (10-7-66).
- GUPTA, AMRIT S., Research Associate in Chemistry, ten months from November 1, 1966, \$7,300 a year, supersedes (11-8-66).
- HERTIG, MRS. LAUREL M., Specialist in Education, Institute for Research on Exceptional Children, $\frac{3}{4}$ time, academic year 1966-67, \$5,400 (10-24-66).
- HIELSCHER, FRANK H., Research Associate in Electrical Engineering (C), Semester I 1966-67, \$4,700 (10-17-66).
- HODGINS, AUDREY, Senior Specialist in Education, Institute for Research on Exceptional Children, $\frac{3}{4}$ time, academic year 1966-67, \$6,750 (10-24-66).
- HOGAN, MRS. GRETA B., Specialist in Educational Psychology, College of Education, $\frac{4}{5}$ time, academic year 1966-67, \$5,760 (10-21-66).
- KANEY, ANTHONY R., Instructor in Microbiology, eleven months from October 1, 1966, \$6,800 a year (10-21-66).
- KLOSOWSKI, JAMES A., Instructor in Journalism, $\frac{1}{2}$ time, academic year 1966-67, \$3,200 (9-26-66).
- LILJE, GERALD W., Instructor in Philosophy, $\frac{2}{3}$ time, academic year 1966-67, \$4,000, supersedes (10-21-66).
- LOY, ARTHA S., Research Associate in the Institute of Communications Research, College of Journalism and Communications, $\frac{1}{2}$ time, seven months from November 1, 1966, \$2,800 (11-5-66).
- MCNATTIN, MRS. AUDREY M., Specialist in Education, Institute for Research on Exceptional Children, one year from September 1, 1966, \$8,800 (10-31-66).
- MELLON, JOHN J., Visiting Lecturer in General Engineering (C), October 15, 1966-January 31, 1967, without salary (11-1-66).
- OPHEIM, VERNON H., Instructor in Elementary Music, Division of University Extension, $\frac{1}{2}$ time, October 17, 1966-August 31, 1967, \$2,271.54 (10-21-66).
- OSBORN, MRS. JEAN H., Specialist in Education, Institute for Research on Exceptional Children, academic year 1966-67, \$8,000 (11-5-66).
- PIERRET, ROBERT F., Research Associate in Electrical Engineering, six months from September 1, 1966, \$9,400 a year (10-5-66).
- PLUNKETT, MRS. BETTY K., Instructor in Secondary and Continuing Education, $\frac{2}{3}$ time, academic year 1966-67, \$4,340 (10-28-66).
- ROMANS, JOHN R., Instructor in Animal Science (C and S), October 17, 1966-August 31, 1967, \$10,600 a year (10-31-66).
- SOLBERG, MRS. CONSTANCE W., Specialist in Education, Institute for Research on Exceptional Children, $\frac{3}{4}$ time, academic year 1966-67, \$5,400 (10-24-66).
- STOLTZ, JAMES F., Visiting Lecturer in General Engineering (C), September 16, 1966-January 31, 1967, without salary (9-24-66).
- STOREY, EDWARD H., Professor of Recreation, Department of Recreation and Municipal Park Administration, indefinite tenure, academic year service basis effective September 1, 1966, \$14,225 a year, supersedes (11-8-66).
- SUMMERS, DAVID A., Research Assistant Professor of Psychology, one year from September 1, 1966, \$11,000 a year, supersedes (11-5-66).
- VAN METER, JERRY R., Instructor in Rural Recreation (E), nine months from December 1, 1966, \$10,500 a year (10-21-66).
- WILLARD, D. DEAN, Assistant Law Librarian, with rank of Instructor, in the Library, September 1 through December 31, 1966, \$8,800 a year; January 1 through August 31, 1967, \$10,500 a year, supersedes (10-21-66).
- WOOD, G. DONALD, Research Engineer in Computer Science, $\frac{1}{2}$ time, September 13, 1966-August 31, 1967, \$5,400 a year (10-4-66).
- WOODRUFF, BENJAMIN W., Instructor in Elementary Music, Division of University Extension, $\frac{1}{2}$ time, October 17, 1966-August 31, 1967, \$2,271.54 (10-21-66).
- WOZNIAK, LOUIS, Instructor in General Engineering (C), Semester II 1966-67, \$4,300 a year, supersedes (11-8-66).

CANCELLATIONS AND RESIGNATIONS

Medical Center

- LIPGAR, ROBERT M., Research Associate in Psychiatry, College of Medicine—resignation effective November 1, 1966.
- MARKOVIC, MIHAILO A., Assistant Professor of Radiology and of Dental Radiology, College of Dentistry—resignation effective November 1, 1966.

- REDMANN, HOWARD W., Assistant Professor of Pedodontics, College of Dentistry — cancellation effective September 1, 1966.
- RICE, DONALD W., Assistant Professor of Prosthodontics, College of Dentistry — resignation effective September 1, 1966.
- STANASZEK, WALTER, Pharmacy Resident in Hospital Pharmacy, College of Pharmacy — resignation effective September 1, 1966.
- STONE, WILLIAM H., Staff Pharmacist in Pharmacy, College of Pharmacy — resignation effective September 1, 1966.

Urbana

- ANDERSEN, FERRON L., Assistant Professor of Veterinary Pathology and Hygiene — resignation effective March 1, 1967.
- BETCHAKU, TEIICHI, Instructor in Biology, School of Life Sciences — resignation effective September 1, 1966.
- GEORGE, THYCODAM V., Assistant Professor of Electrical Engineering — resignation effective October 16, 1966.
- HARTMAN, FREDERICK C., Research Associate in Chemistry — resignation effective October 16, 1966.
- KELLY, MIKE, Research Associate in Animal Science — resignation effective December 1, 1966.
- LAZERWITZ, BERNARD M., Associate Professor of Sociology — resignation effective September 1, 1967.
- LINSKY, LEONARD, Professor of Philosophy — resignation effective March 1, 1967.

RECESS AND EXECUTIVE SESSION

President Clement stated that an executive session had been requested and was being ordered for consideration of business relating to purchase of property.

On motion of Mr. Swain, the Board recessed.

During the luncheon recess, Dr. Robert E. Corley, Acting Dean of Student Affairs at Chicago Circle, addressed the Board on the activities of his office.

When the Board reconvened in executive session, the same members of the Board and officers of the University were present as recorded at the beginning of these minutes.

The Board considered the following business presented by the President of the University.

PURCHASE OF PROPERTY AT 1003 WEST CALIFORNIA AVENUE, URBANA

(23) The Director of the Physical Plant and the Vice-President and Comptroller recommended that the University of Illinois Foundation be requested to purchase the property at 1003 West California Avenue, Urbana, at a price of \$40,000 and lease the property to the University at a rental sufficient to pay the interest costs on a loan to the Foundation to purchase the property.

The property is located east of the Krannert Center for the Performing Arts and is required for future academic expansion. The lot is 61.5 feet by 151 feet (9,286 square feet) and is improved with a two-story and basement frame residence. I concur.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Governor Kerner, Mr. Page.

There being no further business, on motion of Mrs. Watkins, the Board adjourned.

EARL W. PORTER
Secretary

HOWARD W. CLEMENT
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

January 12, 1967



The January meeting of The Board of Trustees of the University of Illinois was held in the Chicago Circle Center, Chicago, Illinois, on Thursday, January 12, 1967, beginning at 10:30 a.m.

President Howard W. Clement called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Ray Page, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Mr. Theodore A. Jones and Governor Otto Kerner were absent. Trustees-elect Donald R. Grimes and James A. Weatherly attended as guests.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Mr. C. S. Havens, Director of the Physical Plant; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. James J. Costello, Legal Counsel; Mr. George H. Bargh, Executive Assistant to the President; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. Glenn Terrell, Dean of Faculties, Chicago Circle; Mr. James B. Holderman, Assistant to the Chancellor, Chicago Circle; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. Earl W. Porter, Secretary.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
 The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

BUDGET FOR 1967 SUMMER SESSION AND FACULTY APPOINTMENTS, URBANA

(1) Submitted herewith are the budget and appointments to the faculty for the 1967 Summer Session at Urbana-Champaign from June 19 to August 12, 1967.

The distribution of the budgeted funds is as follows:

Salaries.....		\$1 331 606 00
Reserve.....		64 089 00
<i>Total</i>		(1 395 695 00)
Wages and Expense.....		44 305 00
Administration.....	\$ 4 500 00	
Departmental.....	39 805 00	
<i>Total Budget</i>		<u>\$1 440 000 00</u>

Salaries of members of the University faculty recommended for summer session appointments are computed on the basis of the standard formula: two-ninths of the salary of the academic year for eight weeks of service, with proportionate amounts for shorter periods or for part-time service. The appointments being recommended include a number of visiting lecturers from other colleges and universities at the salaries indicated.

I recommend that the appointments to the summer session staff be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes and adjustments and additional appointments as are necessary in accordance with the needs of the University within the allocations of funds indicated.

On motion of Mr. Williamson, these appointments and the summer session budget for Urbana for 1967 were approved, and authority was given as requested; this action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner.

	<i>Per Cent Time</i>	<i>Summer Salary</i>
Accountancy		
1. Edwin J. DeMaris, Professor.....	50	\$ 2 089 00
2. Robert I. Dickey, Professor.....	50	2 178 00
3. R. K. Mautz, Professor.....	50	2 589 00
4. William E. Thomas, Jr., Professor.....	100	3 445 00
5. Gerald D. Brighton, Associate Professor.....	50	1 523 00
6. Frederick L. Neumann, Assistant Professor.....	100	2 423 00
7. Charles Weber, Assistant Professor.....	100	2 445 00
8. Nancy A. Desmond, Instructor.....	100	1 378 00
9. _____.....	100	4 223 00
10. _____.....	100	3 467 00
11. _____.....	100	3 334 00
12. _____.....	50	1 267 00
		(30 361 00)
Advertising		
1. S. Watson Dunn, Professor.....	100	\$ 3 778 00
2. James E. Moyer, Associate Professor.....	100	3 034 00
		(6 812 00)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
Anthropology		
1. Edward M. Bruner, Professor.....	50	\$ 1 973 00
2. Demitri B. Shimkin, Professor.....	50	1 973 00
3. David B. Eyde, Assistant Professor.....	100	2 112 00
4. Charles J. Bareis, Instructor.....	100	1 889 00
5. _____, Visiting Lecturer.....	100	2 532 00
6. _____, Visiting Lecturer.....	50	1 375 00
7. 3.5 FTE Assistants.....		3 581 00
		(15 435 00)
Architecture		
1. Gabriel Guevrekian, Professor.....	100	\$ 4 089 00
2. Robert J. Smith, Professor.....	100	4 223 00
3. Carlos T. Marfort, Associate Professor.....	100	2 823 00
		(11 135 00)
Art		
1. Charles A. Dietemann, Professor.....	67	\$ 2 223 00
2. W. F. Doolittle, Professor.....	67	2 637 00
3. Donald E. Frith, Professor.....	100	2 623 00
4. James D. Hogan, Professor.....	67	2 045 00
5. Raymond Perlman, Professor.....	100	3 023 00
6. Mark Sprague, Professor.....	100	3 023 00
7. Edward J. Zagorski, Professor.....	67	2 223 00
8. _____, Associate Professor.....	67	1 571 00
9. William J. Baron, Assistant Professor.....	100	2 245 00
10. Harry F. Breen, Jr., Assistant Professor.....	67	1 482 00
11. Frank E. Gunter, Assistant Professor.....	67	1 275 00
12. Hal Brandes, Instructor.....	100	1 778 00
13. Norman P. Gambill, Instructor.....	100	1 667 00
14. Thomas G. Kovacs, Instructor.....	67	1 112 00
15. _____, Instructor.....	67	1 112 00
16. _____, Visiting Lecturer.....	67	2 500 00
17. Wayne Begley, Visiting Lecturer.....	50	933 00
(See South Asian Program).....	(50)	(934 00)
(Total salary).....		(1 867 00)
(School of Art, University of Iowa, Iowa City, Iowa 52240)		
		(33 472 00)
Astronomy		
1. Stanley P. Wyatt, Jr., Professor.....	50	\$ 1 634 00
2. Elaine Avner, Visiting Lecturer.....	50	934 00
3. 1.0 FTE Assistant.....		1 023 00
		(3 591 00)
University of Illinois Bands		
1. Everett D. Kisinger, Assistant Director.....	50	\$ 1 545 00
(See Music).....	(25)	(773 00)
(Total salary).....		(2 318 00)
		(1 545 00)
Botany		
1. Zane B. Carothers, Associate Professor.....	100	\$ 2 334 00
2. Tommy L. Phillips, Associate Professor.....	100	2 367 00
3. _____, Visiting Lecturer.....	100	1 800 00
4. 1.5 FTE Assistants.....	50	1 535 00
		(8 036 00)
Graduate School of Business Administration		
1. Helmy H. Baligh, Associate Professor.....	100	\$ 2 645 00
2. Daniel M. Slate, Associate Professor.....	100	3 556 00
3. Hans J. Zimmermann, Associate Professor of Industrial Administration.....	100	2 712 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
4. Michael Sovereign, Assistant Professor of Industrial Administration.....	100	2 467 00
5. Cyril E. Zoerner, Jr., Assistant Professor.....	100	2 245 00
6. _____, Visiting Lecturer.....	100	2 445 00
		(16 070 00)
Business Education		
1. Writesman Long, Visiting Lecturer.....	100	\$ 2 040 00
(1 Andrews Court, Bradley, Illinois 60915)		(2 040 00)
Ceramic Engineering		
1. Ralph L. Cook, Professor.....	25	\$ 962 00
2. A. L. Friedberg, Professor.....	25	1 084 00
		(2 046 00)
Chemistry and Chemical Engineering		
1. Arnold M. Hartley, Associate Professor.....	100	\$ 2 334 00
2. John L. Hudson, Assistant Professor.....	100	2 178 00
3. _____, Visiting Lecturer.....	100	4 000 00
4. _____, Visiting Lecturer.....	100	3 000 00
5. _____, Visiting Lecturer.....	100	2 750 00
6. _____, Visiting Lecturer.....	100	2 720 00
7. _____, Visiting Lecturer.....	100	2 720 00
8. _____, Visiting Lecturer.....	100	2 670 00
9. _____, Visiting Lecturer.....	100	2 500 00
10. _____, Visiting Lecturer.....	100	2 300 00
11. _____, Visiting Lecturer.....	100	2 160 00
12. _____, Visiting Lecturer.....	100	2 600 00
13. 10.0 FTE Assistants.....		11 321 00
		(43 253 00)
Child Development		
1. Robert B. Smith, Associate Professor.....	50	\$ 1 112 00
(See Music).....	(50)	(1 112 00)
(Total salary).....		(2 224 00)
2. Collene B. King, Assistant Professor.....	100	1 600 00
3. _____, Visiting Lecturer.....	100	1 910 00
4. 2.0 FTE Assistants.....		2 182 00
		(6 804 00)
Civil Engineering		
1. N. M. Newmark, Professor.....	25	\$ 1 534 00
2. R. A. Eubanks, Professor.....	60	2 400 00
3. Edwin H. Gaylord, Jr., Professor.....	50	1 834 00
4. William J. Hall, Professor.....	50	1 945 00
5. John D. Haltiwanger, Professor.....	70	2 178 00
6. William W. Hay, Professor.....	70	1 945 00
7. Herbert O. Ireland, Professor.....	70	2 023 00
8. Houssam M. Karara, Professor.....	50	1 389 00
9. Narbey Khachaturian, Professor.....	70	2 023 00
10. William H. Munse, Professor.....	45	1 750 00
11. Ralph B. Peck, Professor of Foundation Engineering.....	50	2 223 00
12. Chester P. Siess, Professor.....	50	2 000 00
13. T. H. Thornburn, Professor.....	70	2 178 00
14. Richard N. Wright III, Associate Professor.....	70	1 743 00
15. Mohammad Amin, Assistant Professor.....	70	1 432 00
16. Peter C. Birkmoe, Assistant Professor.....	25	500 00
17. L. T. Boyer, Assistant Professor.....	50	967 00
18. 1.50 FTE Assistants.....		2 000 00
		(32 064 00)
Classics		
1. John J. Bateman, Associate Professor.....	75	\$ 2 084 00
2. Mark Naoumides, Associate Professor.....	100	2 334 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
3. _____, Assistant Professor (June 19 to July 1).....	100	484 00
4. Agnes Brandabur, Instructor.....	50	750 00
5. .75 Assistant		812 00
		(6 464 00)
Computer Science		
1. T. A. Murrell, Associate Professor.....	100	\$ 2 800 00
2. Sylvian R. Ray, Associate Professor.....	34	845 00
3. 1.5 FTE Assistants.....		1 600 00
		(5 245 00)
Economics		
1. Robert W. Harbeson, Professor.....	100	\$ 3 667 00
2. Donald R. Hodgman, Professor.....	67	2 816 00
3. Donald L. Kemmerer, Professor.....	67	2 519 00
4. W. A. Neiswanger, Professor.....	100	4 000 00
5. Dennis J. Aigner, Associate Professor.....	67	1 778 00
6. Robert W. Resek, Associate Professor.....	67	1 815 00
7. Franklin R. Shupp, Associate Professor.....	67	1 778 00
8. Janet Louise Weston, Associate Professor.....	100	2 000 00
9. Thomas A. Yancey, Associate Professor.....	100	2 856 00
10. 2.5 FTE Assistants.....		2 780 00
		(26 009 00)
Educational Administration and Supervision		
1. Lloyd E. McCleary, Professor.....	100	\$ 3 445 00
2. Perry E. Miller, Professor.....	100	3 834 00
3. Fred M. Raubinger, Professor.....	100	4 000 00
4. M. R. Sumption, Professor.....	100	2 967 00
5. Harold G. Rowe, Jr., Assistant Professor.....	100	2 067 00
6. Thomas J. Sergiovanni, Assistant Professor.....	100	2 000 00
7. Owen L. Springer, Assistant Professor.....	100	2 223 00
8. _____, Visiting Lecturer.....	100	2 400 00
9. _____, Visiting Lecturer.....	50	1 200 00
		(24 136 00)
Educational Psychology		
1. R. Stewart Jones, Professor.....	50	\$ 1 600 00
2. Wesley C. Becker, Professor of Psychology.....	100	3 489 00
3. G. M. Blair, Professor.....	100	2 823 00
4. Frank Costin, Professor of Psychology.....	100	2 812 00
5. Norman E. Gronlund, Professor.....	100	2 789 00
6. Clyde G. Knapp, Professor of Secondary and Continuing Education.....	100	2 689 00
7. T. Ernest Newland, Professor.....	100	2 656 00
8. Cecil H. Patterson, Professor.....	100	3 400 00
9. Ray H. Simpson, Professor.....	100	3 256 00
10. Maurice Tatsuoka, Professor.....	100	2 645 00
11. Alfred L. Brophy, Jr., Associate Professor.....	100	2 089 00
12. Henry R. Kaczkowski, Associate Professor.....	100	2 323 00
13. William R. Powell, Associate Professor of Elementary Ed- ucation.....	50	1 356 00
(See Elementary Education).....	(50)	(1 356 00)
(Total salary).....		(2 712 00)
14. Dale E. Bennett, Assistant Professor of Elementary Ed- ucation.....	50	1 056 00
(See Elementary Education).....	(50)	(1 056 00)
(Total salary).....		(2 112 00)
15. Daniel J. Delaney, Assistant Professor.....	100	2 223 00
16. Jo Ann Fley, Assistant Professor of Higher Education... (See Secondary and Continuing Education).....	50 (50)	1 167 00 (1 167 00)
(Total salary).....		(2 334 00)
17. Michael J. Masucci, Assistant Professor.....	100	2 167 00
18. Harold A. Moses, Assistant Professor.....	100	2 000 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
19. Charles K. West, Assistant Professor.....	100	2 223 00
20. Joseph Zaccaria, Assistant Professor.....	100	2 223 00
21. Rudolph Dreikurs, Visiting Lecturer..... (College of Medicine, University of Chicago, Chicago, Illinois)	100	3 200 00
22. Frank Warburton, Visiting Lecturer..... (University of Manchester, Manchester, England)	100	3 000 00
23. _____, Visiting Lecturer.....	100	3 200 00
24. _____, Visiting Lecturer.....	100	3 000 00
25. _____, Visiting Lecturer.....	100	2 800 00
26. _____, Visiting Lecturer.....	100	2 800 00
27. _____, Visiting Lecturer.....	100	2 800 00
28. _____, Visiting Lecturer.....	100	2 800 00
29. _____, Visiting Lecturer.....	100	2 800 00
30. _____, Visiting Lecturer.....	100	2 600 00
31. _____, Visiting Lecturer.....	100	2 400 00
32. _____, Visiting Lecturer (July 17 to August 12)...	100	1 600 00
33. _____, Visiting Lecturer.....	50	1 200 00
34. 4.5 FTE Assistants.....		5 303 00
		(86 489 00)

Electrical Engineering

1. George E. Anmer, Professor.....	50	\$ 1 956 00
2. Willis L. Emery, Professor.....	100	3 956 00
3. G. H. Fett, Professor.....	100	4 178 00
4. M. S. Helm, Professor.....	100	3 023 00
5. Millard S. McVay, Professor.....	100	3 289 00
6. P. F. Schwarzlose, Professor.....	100	2 912 00
7. William G. Albright, Associate Professor.....	100	2 667 00
8. Roger W. Burtness, Associate Professor.....	100	3 089 00
9. Milton H. Crothers, Associate Professor.....	100	3 023 00
10. Paul R. Egbert, Associate Professor.....	100	2 712 00
11. Paul K. Hudson, Associate Professor.....	100	2 904 00
12. J. P. Neal, Associate Professor.....	50	1 423 00
13. Joseph M. Crowley, Assistant Professor.....	50	1 078 00
14. Arnold W. Dipert, Assistant Professor.....	50	1 012 00
15. John P. Gordon, Instructor.....	50	889 00
16. George E. Perrine, Instructor.....	50	623 00
17. Robert Richard Valleni, Instructor.....	100	1 245 00
18. _____.....	100	3 000 00
19. 5.0 FTE Assistants.....		5 397 00
		(48 376 00)

Elementary Education

1. Fred P. Barnes, Professor.....	100	\$ 3 267 00
2. Mary D. Durkin, Professor.....	50	1 628 00
3. Kenneth M. Lansing, Professor of Art.....	100	2 734 00
4. John E. McGill, Professor.....	100	3 134 00
5. Walter J. Moore, Professor.....	100	2 834 00
6. J. H. Shores, Professor.....	100	4 000 00
7. Harold H. Lerch, Associate Professor.....	100	2 889 00
8. William R. Powell, Associate Professor..... (See Educational Psychology).....	50 (50)	1 356 00 (1 356 00)
(Total salary).....		(2 712 00)
9. Dale E. Bennett, Assistant Professor..... (See Educational Psychology).....	50 (50)	1 056 00 (1 056 00)
(Total salary).....		(2 112 00)
10. Clarence Phillips, Assistant Professor of Mathematics.... (See Mathematics).....	50 (50)	1 000 00 (1 000 00)
(Total salary).....		(2 000 00)
11. Ralph A. Smith, Assistant Professor.....	100	2 356 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
12. Charles M. Weller, Assistant Professor of Secondary and Continuing Education.....	100	2 289 00
13. _____, Instructor.....	50	800 00
14. Genevieve Langston, Visiting Lecturer..... (Eureka College, Eureka, Illinois)	100	2 500 00
15. _____, Visiting Lecturer.....	100	2 400 00
16. _____, Visiting Lecturer.....	100	2 400 00
17. _____, Visiting Lecturer.....	50	1 200 00
18. _____.....	100	1 500 00
19. _____.....	100	1 500 00
20. 6.5 FTE Assistants.....		7 944 00
		(48 787 00)

English

1. A. Lynn Altenbernd, Professor.....	50	\$ 1 767 00
2. Daniel Curley, Professor.....	50	1 400 00
3. Gwynne B. Evans, Professor.....	100	4 356 00
4. Donald Smalley, Professor.....	100	3 600 00
5. Harris W. Wilson, Professor.....	100	3 023 00
6. Katharine O. Aston, Associate Professor.....	50	1 189 00
7. Rocco L. Fumento, Associate Professor.....	50	1 167 00
8. Glenn P. Haskell, Associate Professor.....	50	1 167 00
9. Richard J. Loftus, Associate Professor.....	50	1 167 00
10. John T. Maguire, Associate Professor.....	50	1 256 00
11. Gardiner E. Stillwell, Associate Professor of Business and Technical Writing.....	50	1 167 00
12. Gary S. Adelman, Assistant Professor.....	50	1 012 00
13. Edward J. Brandabur, Assistant Professor.....	100	2 223 00
14. _____, Assistant Professor.....	100	2 156 00
15. _____, Assistant Professor.....	50	956 00
16. _____, Assistant Professor.....	50	956 00
17. John A. Hamilton, Assistant Professor.....	100	1 823 00
18. James R. Hurt, Assistant Professor.....	50	1 023 00
19. Mary A. Hussey, Assistant Professor.....	100	1 867 00
20. U. Milo Kaufmann, Assistant Professor.....	100	2 178 00
21. Kenneth Kinnamon, Assistant Professor.....	50	956 00
22. _____, Assistant Professor.....	100	2 067 00
23. Daniel T. Majdiak, Assistant Professor.....	50	956 00
24. Charles Sanders, Assistant Professor.....	50	1 000 00
25. Donald C. Stewart, Assistant Professor.....	50	956 00
26. John C. Stubbs, Assistant Professor.....	50	967 00
27. Arnold M. Tibbetts, Assistant Professor.....	50	1 023 00
28. Albert C. Tillman, Assistant Professor.....	50	934 00
29. Richard H. Wasson, Assistant Professor.....	50	1 045 00
30. David E. Whisnant, Assistant Professor.....	50	956 00
31. _____, Assistant Professor.....	100	1 956 00
32. Wilmer A. Lamar, Lecturer.....	50	1 200 00
33. Ralph Beckham, Instructor.....	50	834 00
34. Robert E. Chapdu, Instructor in Business and Technical Writing.....	50	789 00
35. Eloise C. Enata, Instructor.....	100	1 823 00
36. Robert P. Fox, Instructor.....	100	1 734 00
37. Rebecca G. Hohn, Instructor.....	50	678 00
38. Maria Keen, Instructor.....	100	1 489 00
39. Alan M. Koral, Instructor.....	50	867 00
40. _____, Visiting Lecturer.....	100	2 667 00
41. 3.0 FTE Assistants.....		3 410 00
		(63 760 00)

Entomology

1. Ellis G. MacLeod, Assistant Professor.....	100	\$ 2 223 00
		(2 223 00)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
Finance		
1. Robert I. Mehr, Professor.....	100	\$ 4 334 00
2. William R. Bryan, Associate Professor.....	100	2 778 00
3. James A. Gentry, Assistant Professor.....	100	2 334 00
4. .75 FTE Assistant.....		768 00
		(10 214 00)
French		
1. Francois Jost, Professor.....	100	\$ 4 000 00
2. Paul E. Barrette, Associate Professor.....	50	1 167 00
3. Herbert C. De Ley, Jr., Associate Professor.....	50	1 167 00
4. Stanley E. Gray, Associate Professor.....	100	2 512 00
5. Edwin Jahiel, Associate Professor.....	50	1 323 00
6. Frederic M. Jenkins, Assistant Professor.....	100	2 189 00
7. Melvin K. Myers, Assistant Professor.....	50	1 267 00
(See Language Laboratory).....	(50)	(1 267 00)
(Total salary).....		(2 534 00)
8. Gabriel M. Savignon, Assistant Professor.....	100	1 923 00
9. Stanley L. Shinall, Assistant Professor.....	50	934 00
10. Ronald Campisi, Instructor.....	50	684 00
11. Patrick D. Persaud, Instructor.....	50	667 00
12. Ana Maria Sagi, Instructor.....	50	778 00
13. 6.0 FTE Assistants.....		6 192 00
		(24 803 00)
General Engineering		
1. Edward D. Ebert, Professor.....	50	\$ 1 445 00
2. Wayne L. Shick, Professor.....	50	1 389 00
3. Donald E. Scheck, Assistant Professor.....	100	2 445 00
4. Paul W. Steinbeck, Assistant Professor.....	50	978 00
5. Harrison Streeter, Assistant Professor.....	100	2 223 00
		(8 480 00)
Division of General Studies		
1. Sidney Rosen, Professor of Physical Science.....	100	\$ 2 889 00
2. Stafford H. Thomas, Assistant Professor of Verbal Communication.....	50	1 056 00
3. .5 FTE Assistant.....		512 00
		(4 457 00)
Geography		
1. John H. Garland, Professor.....	100	\$ 2 800 00
2. Howard G. Roepke, Professor.....	100	3 334 00
3. C. S. Alexander, Associate Professor.....	100	2 800 00
4. R. Warwick Armstrong, Assistant Professor.....	100	2 223 00
5. Clark I. Cross, Visiting Lecturer.....	100	2 750 00
(Department of Geography, University of Florida, Gainesville, Florida)		
6. 1.5 FTE Assistants.....		1 535 00
		(15 442 00)
Geology		
1. _____, Professor.....	100	\$ 3 600 00
2. _____, Associate Professor.....	100	2 600 00
3. _____, Associate Professor.....	100	2 600 00
4. W. Hilton Johnson, Assistant Professor.....	100	2 089 00
5. _____, Assistant Professor.....	100	2 200 00
6. _____, Assistant Professor.....	100	2 100 00
7. 2.0 FTE Assistants.....		2 046 00
		(17 235 00)
Germanic Languages and Literatures		
1. Ruth Lorbe, Associate Professor.....	50	\$ 1 167 00
2. Francis J. Nock, Associate Professor.....	100	2 667 00
3. _____, Associate Professor.....	100	3 334 00
4. Werner Abraham, Assistant Professor.....	100	1 867 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
5. Carol L. Miller, Assistant Professor.....	100	1 823 00
6. Gunther J. Holst, Instructor.....	100	1 689 00
7. _____, Instructor.....	100	1 689 00
8. Clayton Gray, Instructor.....	100	1 778 00
9. P. A. C. van den Bergh, Instructor.....	100	1 645 00
10. 4.75 FTE Assistants.....		5 278 00
		(22 937 00)
Health and Safety Education		
1. Howard S. Hoyman, Professor.....	100	\$ 4 412 00
2. A. E. Florio, Professor.....	50	1 845 00
3. John Conley, Instructor.....	100	1 667 00
		(7 924 00)
History		
1. Robert W. Johannsen, Professor.....	50	\$ 1 967 00
2. Edgar L. Erickson, Professor.....	100	2 800 00
3. Deno J. Geanakoplos, Professor.....	100	4 045 00
4. Raymond P. Stearns, Professor.....	100	4 134 00
5. John B. Sirich, Associate Professor.....	100	2 356 00
6. Bennett D. Hill, Assistant Professor.....	100	2 134 00
7. Richard E. Mitchell, Assistant Professor.....	100	2 000 00
8. J. K. Stevens, Visiting Lecturer.....	100	2 300 00
(6153 Primrose Avenue, Indianapolis, Indiana)		
9. A. E. Strickland, Visiting Lecturer.....	100	2 500 00
(9534 South Calumet Avenue, Chicago, Illinois 60628)		
10. 2.5 FTE Assistants.....		2 560 00
		(26 796 00)
History and Philosophy of Education		
1. Harry S. Broudy, Professor of Philosophy of Education..	100	\$ 4 412 00
2. Joe R. Burnett, Professor of Philosophy of Education....	100	2 745 00
3. Walter V. Kaulfers, Professor of Secondary and Contin- uing Education.....	100	2 589 00
4. Adolphe E. Meyer, Visiting Professor of History of Edu- cation.....	100	3 334 00
5. B. Othanel Smith, Professor of Philosophy of Education..	50	2 223 00
6. W. O. Stanley, Professor of Philosophy of Education....	100	3 300 00
7. Foster McMurray, Associate Professor of Philosophy of Education.....	100	2 356 00
8. Barbara A. Yates, Assistant Professor of Comparative Education.....	100	2 045 00
9. Anastasios Kazepides, Visiting Assistant Professor of Education.....	100	2 000 00
10. LeRoi B. Daniels, Instructor.....	50	782 00
11. Robert E. Mason, Visiting Lecturer.....	100	3 300 00
(University of Pittsburgh, Pittsburgh, Pennsylvania)		
12. Donald Van Cleve, Visiting Lecturer.....	100	3 012 00
(The State University of New York, Albany, New York)		
13. Jerrold Coombs, Visiting Lecturer.....	100	2 224 00
(Faculty of Education, University of British Columbia, Vancouver, British Columbia, Canada)		
14. _____, Visiting Lecturer.....	100	3 000 00
15. _____, Visiting Lecturer.....	100	2 800 00
16. _____, Visiting Lecturer.....	100	2 800 00
17. 2.0 FTE Assistants.....		2 184 00
		(45 106 00)
Home Economics		
1. Pearl Z. Janssen, Professor of Foods.....	75	\$ 2 050 00
2. Bette T. Schaffner, Assistant Professor of Foods.....	75	1 442 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
3. _____, Visiting Lecturer (June 19 to July 15).....	100	1 500 00
4. _____, Visiting Lecturer (July 17 to August 12)...	100	955 00
		(5 947 00)
Industrial Administration		
1. Robert L. Black, Jr., Associate Professor of Business Law	100	\$ 2 678 00
2. David R. Day, Associate Professor.....	100	3 089 00
3. Danny J. Laughhunn, Instructor.....	100	2 334 00
4. 2.75 FTE Assistants.....		3 226 00
		(11 327 00)
Journalism		
1. Jay W. Jensen, Professor.....	50	\$ 1 967 00
2. John H. Schacht, Associate Professor.....	50	1 423 00
		(3 390 00)
Landscape Architecture		
1. Albert J. Rutledge, Assistant Professor.....	33	\$ 660 00
		(660 00)
Language Laboratory		
1. Melvin K. Myers, Coordinator.....	50	\$ 1 267 00
(See French).....	(50)	(1 267 00)
(Total salary).....		(2 534 00)
2. .75 FTE Assistant.....		768 00
		(2 035 00)
Law		
<i>First Term (June 12 to July 19)</i>		
1. Wylie H. Davis, Professor.....	100	\$ 3 584 00
2. Peter H. Hay, Professor.....	100	2 767 00
3. Jeffrey O'Connell, Professor.....	100	3 000 00
4. Victor J. Stone, Professor.....	100	2 850 00
5. David C. Baum, Associate Professor.....	100	2 250 00
6. Roger W. Findley, Associate Professor.....	100	2 334 00
7. Thomas D. Morgan, Assistant Professor.....	100	1 667 00
		(18 452 00)
<i>Second Term (July 20 to August 26)</i>		
1. C. H. Bowman, Professor.....	100	3 100 00
2. Edward W. Cleary, Professor.....	100	4 167 00
3. George T. Frampton, Professor.....	100	3 834 00
4. Eugene F. Scoles, Professor.....	100	4 167 00
5. J. Nelson Young, Professor.....	100	4 167 00
6. Harry D. Krause, Associate Professor.....	100	2 334 00
7. _____, Assistant Professor.....	100	1 900 00
		(23 669 00)
Graduate School of Library Science		
1. Harold Goldstein, Professor.....	100	\$ 3 223 00
2. Rolland E. Stevens, Professor.....	100	3 056 00
3. Oliver T. Field, Assistant Professor.....	100	2 756 00
4. Larry E. Bone, Instructor.....	100	1 645 00
5. Dewey E. Carroll, Instructor.....	50	1 167 00
6. _____, Instructor.....	50	667 00
7. Walter C. Allen, Visiting Lecturer.....	100	2 000 00
(Head, Literature and Fine Arts Division, Dayton Public Library, Dayton, Ohio 45402)		
8. Bob Murray, Visiting Lecturer.....	100	2 200 00
(66 Andrews Avenue, Jamestown, New York 14701)		
9. J. Elias Jones, Visiting Lecturer.....	100	2 000 00
(Director, Drake University Library, Des Moines, Iowa)		
10. Seymour Lubetzky, Visiting Lecturer (July 17 to August 12).....	100	2 000 00
(1417 Greenfield Avenue, Los Angeles, California 90025)		
11. T. R. Schellenberg, Visiting Lecturer (June 19 to July 15).....	100	1 200 00
(Route 1, Box 11, Broad Run, Virginia 22014)		
12. _____.....	100	2 200 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
13. _____	100	2 200 00
14. _____	100	2 400 00
15. _____	50	1 100 00
16. _____	50	1 100 00
17. 6.5 FTE Assistants		6 850 00
		(37 764 00)
Linguistics		
1. J. F. Staal, Visiting Lecturer	50	\$ 1 333 00
(See South Asian Program)	(50)	(1 334 00)
(Total salary)		(2 667 00)
(Institute of Philosophy, University of Amsterdam, Amsterdam, The Netherlands)		
2. Theodore M. Lightner, Assistant Professor	100	2 000 00
3. Arnold M. Zwicky, Jr., Assistant Professor	50	1 112 00
		(4 445 00)
Marketing		
1. Robert V. Mitchell, Professor	50	\$ 1 750 00
2. Fred M. Jones, Professor	50	1 562 00
3. Donald G. Frederick, Assistant Professor	50	1 317 00
4. David M. Gardner, Instructor	100	2 223 00
5. .50 FTE Assistant		756 00
		(7 608 00)
Mathematics		
1. R. G. Langebartel, Professor	100	\$ 3 112 00
2. Edward J. Scott, Professor	100	3 000 00
3. Robert B. Ash, Associate Professor	100	2 534 00
4. William A. Ferguson, Associate Professor	100	2 667 00
5. J. William Peters, Associate Professor	100	2 778 00
6. James W. Armstrong, Assistant Professor	100	2 223 00
7. Geneva G. Belford, Assistant Professor	100	1 867 00
8. Henry R. Dowson, Visiting Assistant Professor	100	1 867 00
9. Vishwa C. Dumir, Assistant Professor	100	1 867 00
10. Robert P. Kaufman, Assistant Professor	100	1 867 00
11. J. Gopala Krishna, Assistant Professor	100	1 912 00
12. Chin-Pi Lu, Assistant Professor	100	1 867 00
13. Patricia T. Montague, Assistant Professor	100	1 912 00
14. Jurg Nievergelt, Assistant Professor	100	2 378 00
15. Pramod Pathak, Visiting Assistant Professor	100	2 112 00
16. Anthony L. Peressini, Assistant Professor	100	2 223 00
17. Clarence Phillips, Assistant Professor	50	1 000 00
(See Elementary Education)	(50)	(1 000 00)
(Total salary)		(2 000 00)
18. Donald R. Sherbert, Assistant Professor	100	2 000 00
19. David E. Blair, Instructor	100	1 334 00
20. Jeffrey M. Cooper, Instructor	100	1 400 00
21. Sean P. McDonagh, Instructor	100	1 778 00
22. Thomas G. Ralley, Instructor	100	1 545 00
23. Klaus Roggenkamp, Instructor	100	1 556 00
24. S. A. Amitsur, Visiting Lecturer	100	5 000 00
(Department of Mathematics, Hebrew University, Jeru- salem, Israel)		
25. Lyle H. Lanier, Jr., Visiting Lecturer	100	2 134 00
(Department of Mathematics, University of Virginia, Charlottesville, Virginia 22903)		
26. Guido Lehner, Visiting Lecturer	100	2 667 00
(Department of Mathematics, University of Maryland, College Park, Maryland 20742)		
27. David Rees, Visiting Lecturer	100	5 000 00
(Department of Mathematics, Reed Hall, Streatham Drive, Exeter, England)		

	<i>Per Cent Time</i>	<i>Summer Salary</i>
28. David W. Sharpe, Visiting Lecturer.....	100	2 000 00
(Department of Pure Mathematics, The University, Sheffield 10, England)		
29. 20.17 FTE Assistants.....		21 521 00 (85 121 00)
Mechanical and Industrial Engineering		
1. Eugene F. Hebrank, Professor.....	100	\$ 3 334 00
2. William L. Hull, Professor.....	50	1 778 00
3. Edwin D. Luke, Professor.....	100	3 112 00
4. James W. Bayne, Associate Professor.....	100	2 889 00
5. Ross P. Strout, Associate Professor.....	75	1 700 00
6. Carl S. Larson, Assistant Professor.....	75	1 667 00
7. S. Ramalingam, Instructor.....	50	856 00
8. Morse B. Singer, Instructor.....	50	1 056 00
9. Parker H. Badger, Lecturer.....	50	1 078 00
10. 1.0 FTE Assistant.....		1 101 00 (18 571 00)
Microbiology		
1. Joan McCamish, Assistant Professor.....	100	\$ 2 112 00
2. 2.5 FTE Assistants		2 558 00 (4 670 00)
Music		
1. Peter S. Farrell, Professor.....	50	\$ 1 267 00
2. Stanley Fletcher, Professor.....	100	3 512 00
3. Bruce R. Foote, Professor.....	100	3 889 00
4. John C. Garvey, Professor.....	67	1 837 00
5. Scott Goldthwaite, Professor.....	100	3 778 00
6. Charles E. Hamm, Professor.....	100	3 267 00
7. Mark H. Hindsley, Professor.....	33	1 163 00
8. King Kellogg, Professor.....	67	1 749 00
9. J. Robert Kelly, Professor.....	50	1 467 00
10. Hubert Kessler, Professor.....	50	1 889 00
11. Everett D. Kisinger, Professor.....	25	773 00
(See University of Illinois Bands).....		
(Total salary).....		
12. Charles Leonhard, Professor.....	100	3 912 00
13. A. J. McDowell, Professor.....	100	2 867 00
14. Paul S. Pettinga, Professor.....	100	3 156 00
15. Robert H. Swenson, Professor.....	50	1 334 00
16. Grace E. Wilson, Professor.....	100	2 756 00
17. Ludwig Zirner, Professor.....	67	2 267 00
18. Andrew Morris Carter, Associate Professor.....	25	667 00
19. Willis R. Coggins, Associate Professor.....	50	1 106 00
20. Blaine E. Edleisen, Associate Professor.....	67	1 408 00
21. L. Thomas Fredrickson, Associate Professor.....	100	2 445 00
22. Robert E. Gray, Associate Professor.....	100	2 512 00
23. Thomas L. Holden, Associate Professor.....	50	1 034 00
24. C. J. Kleinsteuber, Associate Professor.....	33	704 00
25. Edward J. Krolick, Associate Professor.....	33	719 00
26. Jack H. McKenzie, Associate Professor.....	50	1 189 00
27. William H. Miller, Associate Professor.....	100	2 356 00
28. Bruno Nettel, Associate Professor.....	100	2 467 00
29. Dean W. Sanders, Associate Professor.....	100	2 289 00
30. Robert B. Smith, Associate Professor.....	50	1 112 00
(See Child Development).....		
(Total salary).....		
31. Endre G. Granat, Assistant Professor.....	50	1 112 00
32. Royal B. MacDonald, Assistant Professor.....	50	1 056 00
33. Robert W. Ruppel, Assistant Professor.....	67	1 319 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
34. Miriam W. Barndt, Instructor.....	100	1 467 00
35. Malcolm Bilson, Instructor.....	100	1 689 00
36. Virginia Farmer, Instructor.....	50	728 00
37. Sven H. Hansell, Instructor.....	50	823 00
38. Joan C. Levy, Instructor.....	100	1 645 00
39. Raymond J. Nutaitis, Instructor.....	50	834 00
40. M. E. Powell, Instructor.....	100	1 445 00
41. Herbert Kellman, Visiting Lecturer.....	100	2 223 00
42. _____, Visiting Lecturer.....	33	500 00
43. Allen Lannom, Visiting Lecturer..... (Division of Music, Boston University, Boston, Massa- chusetts)	75	2 100 00
44. _____, Visiting Lecturer.....	100	2 900 00
45. _____, Visiting Lecturer.....	100	2 600 00
46. _____, Visiting Lecturer.....	100	2 400 00
47. _____.....		2 800 00
48. 5.0 FTE Assistants.....	500	5 115 00
		(93 647 00)
Nuclear Engineering		
1. Marvin E. Wyman, Professor.....	50	\$ 2 245 00
2. George H. Miley, Associate Professor.....	70	1 929 00
3. Neil H. Schilmoeller, Assistant Professor.....	50	1 112 00
4. Bernard W. Wehring, Assistant Professor.....	50	1 000 00
5. .30 FTE Assistant.....		333 00
		(6 619 00)
Philosophy		
1. O. A. Kubitz, Associate Professor.....	100	\$ 2 334 00
2. Harry M. Tiebout, Jr., Associate Professor.....	100	2 656 00
3. Hugh S. Chandler, Assistant Professor.....	100	2 000 00
4. James D. Wallace, Assistant Professor.....	100	2 000 00
5. Gerald Lilje, Instructor.....	100	1 334 00
6. Robert G. Wengert, Instructor.....	100	1 889 00
		(12 213 00)
Physical Education for Men		
1. Earle F. Zeigler, Professor.....	100	\$ 3 834 00
2. T. K. Curcton, Jr., Professor.....	100	4 289 00
3. Alfred W. Hubbard, Professor.....	100	2 856 00
4. Guenther Lüschen, Visiting Associate Professor..... (See Sociology)..... (Total salary).....	50 (50)	1 389 00 (2 778 00)
5. Harold J. VanderZwaag, Associate Professor.....	100	2 778 00
6. Arnold W. Flath, Assistant Professor.....	100	2 545 00
7. _____, Assistant Professor.....	33	808 00
8. Jack E. Razor, Assistant Professor.....	50	912 00
9. Paul M. Ribisl, Assistant Professor.....	75	1 250 00
10. Bradley L. Rothermel, Assistant Professor.....	75	1 334 00
11. Marianna Trekell, Assistant Professor.....	50	1 078 00
12. Robert L. Case, Instructor.....	40	587 00
13. Emory F. Luck, Instructor.....	42	710 00
14. Peter Magnabosco, Instructor.....	75	1 084 00
15. William J. Penny, Instructor.....	40	689 00
16. Carl R. Sloniger, Instructor.....	25	384 00
17. Bertram Gross, Visiting Lecturer (June 19 to June 30).... (Department of Political Science, Maxwell Graduate School of Public Affairs, Syracuse University, Syra- cuse, New York 13210)	100	1 250 00
18. A. Morgan Olsen, Visiting Lecturer (July 3 to July 14).... (Grinibraten 4, Sandvilka, Norway)	100	1 400 00
19. _____.....	20	357 00
		(29 434 00)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
Physical Education for Women		
1. Martha Aly, Assistant Professor.....	50	\$ 939 00
2. Marjorie M. Harris, Assistant Professor.....	75	1 400 00
3. Willis W. Ward, Jr., Assistant Professor.....	25	439 00
4. Marsha M. Paludan, Instructor.....	25	367 00
5. Mary H. Slaughter, Instructor.....	75	1 217 00
6. .50 FTE Assistant.....		520 00
		(4 882 00)
Physics		
1. _____, Visiting Lecturer.....	100	\$ 2 800 00
2. _____, Visiting Lecturer.....	100	2 800 00
3. _____, Visiting Lecturer.....	100	2 800 00
4. 1.5 FTE Assistants.....		1 650 00
		(10 050 00)
Physiology and Biophysics		
1. A. B. Taylor, Professor of Physiology.....	100	\$ 3 000 00
2. John D. Anderson, Professor of Physiology.....	50	1 445 00
3. 3.0 FTE Assistants.....		3 069 00
		(7 514 00)
Political Science		
1. Neil F. Garvey, Professor.....	100	\$ 3 045 00
2. Stephen P. Cohen, Instructor.....	100	1 978 00
3. Robert D. Heidorn, Visiting Lecturer.....	100	2 000 00
(Department of Government, University of Maine, Orono, Maine)		
4. _____, Visiting Lecturer.....	100	3 000 00
5. 1.5 FTE Assistants.....		1 535 00
		(11 558 00)
Psychology		
1. Donelson E. Dulany, Jr., Professor.....	100	\$ 3 000 00
2. William E. Kappauf, Professor.....	50	1 923 00
3. William H. Batchelder, Assistant Professor.....	50	1 000 00
4. Leslie B. Cohen, Assistant Professor.....	100	2 056 00
5. Arthur E. Whimbey, Assistant Professor.....	50	1 000 00
6. William R. Mead, Instructor.....	50	1 000 00
7. 2.0 FTE Assistants.....		2 048 00
		(12 027 00)
Recreation and Municipal Park Administration		
1. Allen V. Sapora, Professor of Recreation.....	100	\$ 3 734 00
2. Edward H. Storey, Professor of Recreation.....	100	3 162 00
3. Maxwell R. Garret, Associate Professor of Recreation....	100	2 756 00
4. Mary V. Frye, Assistant Professor of Recreation.....	50	1 045 00
5. Adah D. Parker, Assistant Professor of Recreation.....	100	2 334 00
6. _____, Instructor.....	100	2 000 00
		(15 031 00)
Secondary and Continuing Education		
1. John J. DeBoer, Professor.....	100	\$ 3 156 00
2. Lawrence E. Metcalf, Professor.....	100	3 412 00
3. David C. Epperson, Associate Professor of Higher Edu- cation.....	50	1 362 00
(See Vocational and Technical Education).....	(50)	(1 362 00)
(Total salary).....		(2 724 00)
4. Jo Ann Fley, Assistant Professor of Higher Education... (See Educational Psychology).....	50	1 167 00
(Total salary).....	(50)	(1 167 00)
		(2 334 00)
5. Alan L. Madsen, Assistant Professor.....	100	1 934 00
6. Jerry L. Walker, Assistant Professor.....	100	2 556 00
7. _____, Visiting Lecturer.....	50	1 000 00
		(14 587 00)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
Slavic Languages and Literatures		
1. Kurt Klein, Associate Professor.....	50	\$ 1 223 00
2. Temira Pachmuss, Associate Professor.....	50	1 278 00
3. Borys Bilokur, Instructor.....	100	1 334 00
4. _____, Visiting Lecturer.....	100	2 445 00
5. 1.0 FTE Assistant.....		1 023 00
		(7 303 00)
Sociology		
1. Daniel Glaser, Professor.....	50	\$ 1 912 00
2. Guenther Lüschen, Visiting Lecturer.....	50	1 389 00
(See Physical Education).....	(50)	(1 389 00)
(Total salary).....		(2 778 00)
3. _____, Visiting Lecturer.....	50	1 500 00
4. .75 FTE Assistant.....		768 00
		(5 569 00)
Spanish, Italian, and Portuguese		
1. W. H. Shoemaker, Professor.....	50	\$ 2 167 00
2. J. H. D. Allen, Professor.....	100	3 512 00
3. Joseph S. Flores, Professor.....	100	2 889 00
4. Luis Leal, Professor.....	100	3 512 00
5. Robert E. Lott, Associate Professor.....	100	3 334 00
6. S. W. Baldwin, Jr., Assistant Professor.....	100	2 000 00
7. Warren L. Meinhardt, Assistant Professor.....	100	2 000 00
8. _____, Instructor.....	100	1 867 00
9. 1.8 FTE Assistants.....		1 841 00
		(23 122 00)
Special Education		
1. Laura J. Jordan, Associate Professor.....	100	\$ 2 245 00
2. Adrian Durant, Visiting Assistant Professor.....	100	3 112 00
3. Alex Bannatyne, Principal Specialist in Education.....	100	2 667 00
4. Al Hirshorn, Visiting Lecturer.....	100	2 500 00
(DePaul University, Chicago, Illinois)		
5. _____, Visiting Lecturer.....	100	2 500 00
6. 2.0 FTE Assistants.....		2 400 00
		(15 424 00)
Speech and Theatre		
1. Halbert E. Gulley, Professor.....	50	\$ 1 806 00
2. Richard Murphy, Professor.....	50	1 700 00
3. Mary H. Arbenz, Associate Professor.....	50	1 167 00
4. Clara M. Behringer, Associate Professor.....	25	589 00
(See University Theatre).....	(75)	(1 767 00)
(Total salary).....		(2 356 00)
5. Kenneth Burns, Associate Professor.....	50	1 200 00
6. Otto A. Dieter, Associate Professor.....	50	1 167 00
7. Genevieve Richardson, Associate Professor.....	50	1 167 00
8. Thomas M. Scheidel, Associate Professor.....	50	1 389 00
9. Webster L. Smalley, Associate Professor.....	50	1 167 00
10. Willard R. Zemlin, Associate Professor.....	50	1 300 00
11. _____, Associate Professor.....	50	1 000 00
12. John C. Ahart, Assistant Professor.....	25	528 00
(See University Theatre).....	(75)	(1 584 00)
(Total salary).....		(2 112 00)
13. Robert D. Brooks, Assistant Professor.....	100	2 057 00
14. Gary L. Cronkhite, Assistant Professor.....	50	1 056 00
15. Joanna L. Hawkins, Assistant Professor.....	50	945 00
16. Robert L. Ince, Assistant Professor.....	50	1 000 00
17. Francis L. Nasca, Assistant Professor.....	50	917 00
18. Earl W. Stark, Assistant Professor.....	50	1 134 00
19. Joseph W. Wenzel, Assistant Professor.....	50	1 067 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
20. Nola Z. Deimer, Instructor.....	50	667 00
21. Roman E. Tymchyshyn, Instructor.....	50	923 00
(See University Theatre).....	(50)	(922 00)
(Total salary).....		(1 845 00)
22. _____, Instructor.....	50	667 00
23. .50 FTE Assistant.....	50	512 00
		(25 135 00)
Speech and Hearing Clinic		
1. Naomi W. Hunter, Assistant Professor.....	100	\$ 1 823 00
2. Frances L. Johnson, Assistant Professor.....	100	2 034 00
3. Joan E. Good, Instructor.....	50	700 00
4. .50 FTE Assistant.....		512 00
		(5 069 00)
University Theatre		
1. Clara M. Behringer, Associate Professor.....	75	\$ 1 767 00
(See Speech and Theatre).....	(25)	(589 00)
(Total salary).....		(2 356 00)
2. John C. Ahart, Assistant Professor.....	75	1 584 00
(See Speech and Theatre).....	(25)	(528 00)
(Total salary).....		(2 112 00)
3. Roman E. Tymchyshyn, Instructor.....	50	922 00
(See Speech and Theatre).....	(50)	(923 00)
(Total salary).....		(1 845 00)
4. D. Rae Krafft, Instructor.....	75	1 400 00
5. Don A. Llewellyn, Jr., Instructor.....	75	1 384 00
6. 3.0 FTE Assistants.....		3 069 00
		(10 126 00)
Theoretical and Applied Mechanics		
1. Cletus E. Bowman, Professor.....	67	\$ 2 045 00
2. Paul Guy Jones, Professor.....	50	1 878 00
3. Clyde E. Kesler, Professor.....	25	956 00
4. Wallace M. Lansford, Professor.....	100	3 778 00
5. Omar M. Sidebottom, Professor.....	75	2 584 00
6. James O. Smith, Professor.....	75	3 134 00
7. Albert C. Bianchini, Associate Professor.....	50	1 134 00
8. George A. Costello, Associate Professor.....	50	1 267 00
9. Frederick G. Bauling, Assistant Professor.....	17	356 00
10. Donald E. Carlson, Assistant Professor.....	50	1 034 00
11. Russell S. Jensen, Assistant Professor.....	17	356 00
12. Leland K. Shirely, Assistant Professor.....	50	1 034 00
		(19 556 00)
Urban Planning		
1. William I. Goodman, Professor.....	67	\$ 2 815 00
		(2 815 00)
Vocational and Technical Education		
1. Elizabeth J. Simpson, Professor (July 17 to August 12)...	100	\$ 1 567 00
2. Emma B. Whiteford, Visiting Professor (June 19 to July 15).....	100	1 223 00
3. Robert A. Campbell, Associate Professor.....	100	2 712 00
4. David C. Epperson, Associate Professor of Higher Education.....	50	1 362 00
(See Secondary and Continuing Education).....	(50)	(1 362 00)
(Total salary).....		(2 724 00)
5. Mary E. Mather, Associate Professor (July 17 to August 12).....	100	1 112 00
6. Elizabeth R. Nelson, Associate Professor of Business Education.....	100	2 889 00
7. William J. Schill, Associate Professor.....	50	1 400 00
8. Robert A. Tinkham, Associate Professor.....	100	2 189 00
9. Hazel T. Spitze, Assistant Professor (June 19 to July 15).....	100	1 012 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
10. Robert M. Tomlinson, Assistant Professor (June 19 to July 15).....	100	1 356 00
11. Roland V. Stoodley, Instructor.....	100	2 000 00
12. Peter Johnson, Visiting Lecturer (July 17 to August 12)..	100	1 300 00
(Sycamore High School, Sycamore, Illinois)		
13. Anna Mahaffey, Visiting Lecturer.....	50	1 150 00
(R.R. 1, Sidney, Illinois 61877)		
		(21 272 00)

Zoology

1. Robert S. Bader, Professor.....	50	\$ 1 445 00
2. Ray L. Watterson, Professor.....	100	4 223 00
3. Max R. Matteson, Associate Professor.....	100	2 467 00
4. Peter S. Dawson, Assistant Professor.....	100	2 000 00
5. C. E. Hubert, Instructor.....	75	1 167 00
6. Donald K. Underhill, Instructor.....	75	1 000 00
7. 3.0 FTE Assistants.....		3 069 00
		(15 371 00)

Program in South Asian Studies

1. Braj B. Kachru, Assistant Professor of Linguistics (June 20 to August 25).....	100	\$ 2 640 00
2. Yamuna Kachru, Assistant Professor of Linguistics (June 20 to August 11).....	100	2 078 00
3. K. V. Subbarao, Instructor in Linguistics (June 20 to August 25).....	100	1 500 00
4. Wayne Begley, Visiting Lecturer (June 20 to August 11).	50	934 00
(See Art)..... (50)		
(Total salary).....		
(226 West Rittenhouse Square, Philadelphia, Pennsylvania)		
5. J. F. Staal, Visiting Lecturer (June 20 to August 11)....	50	1 334 00
(See Linguistics)..... (50)		
(Total salary).....		
(Jac. Obrechtstraat 67, Amsterdam, The Netherlands)		
6. Helen E. Ullrich, Visiting Lecturer (June 20 to August 25)	50	1 112 00
(1208 Woodcrest Lane, East Lansing, Michigan 48824)		
7. Eleanor M. Zelliot, Visiting Lecturer (June 20 to August 11)	100	1 778 00
(1817½ Third Street South, Minneapolis, Minnesota 55404)		
8. _____, Visiting Lecturer (June 20 to August 11)...	50	1 500 00
(See Sociology)..... (50)		
(Total salary).....		
(3 000 00)		
9. 15.0 FTE Assistants.....		19 200 00
		(32 076 00)

Program in South Asian Studies

U.S. Office of Education Grant (OEC 3-7-000011-1550)

1. Ronald E. Asher, Visiting Lecturer (June 20 to August 25)	100	\$ 2 500 00
(12 Burgess Terrace, Edinburgh 9, United Kingdom)		
2. Edward C. Dimock, Jr., Visiting Lecturer (June 20 to August 25).....	100	3 500 00
(South Asia Language and Area Center, The University of Chicago, Foster Hall, 1130 East Fifty-Ninth Street, Chicago, Illinois 60637)		
3. D. P. S. Dwarikesh, Visiting Lecturer (June 20 to August 25).....	100	2 223 00
(5646 South Maryland, Chicago, Illinois 60637)		
4. Gordon H. Fairbanks, Visiting Lecturer (June 20 to August 11).....	100	3 378 00
(1007 Triphammer Road, Ithaca, New York)		

	<i>Per Cent Time</i>	<i>Summer Salary</i>
5. Ruqaiya Hasan, Visiting Lecturer (June 20 to August 25) (31 The Lawns, Black Heath, London S. E. 3, United Kingdom)	100	2 334 00
6. Girdhari Lal Tikku, Visiting Lecturer (June 20 to August 25) (2635 East Second Street, Apartment 8, Bloomington, Indiana 47405)	100	2 750 00
7. Frances A. Wilson, Visiting Lecturer (June 20 to August 25) (Box 389, Rural Route 1, McFarland, Wisconsin)	100	2 223 00
		(18 908 00)
Wages.....		2 800 00
Expense.....		1 500 00
Travel.....		1 420 00
		(5 720 00)
<i>Total, USOE Grant.....</i>		<i>(24 628 00)</i>

Departmental Wages and Expense Budget

Anthropology		
Expense (field training).....		\$17 050 00
Cahokia.....	\$4 300 00	
Chicago.....	2 250 00	
Puerto Rico.....	4 500 00	
Wyoming.....	3 000 00	
Independent Field Training.....	3 000 00	
Child Development.....		400 00
Classics		
Wages, Expense, and Honoraria.....		590 00
Education		
Wages and Expense.....		2 245 00
Honoraria.....		900 00
		(3 145 00)
Forestry Camp		
Wages.....		1 600 00
Expense.....		3 900 00
Operation and Maintenance (Camp Rabideau).....		2 300 00
		(7 800 00)
Geography		
Expense.....		500 00
Geology		
Expense.....		800 00
Recreation and Municipal Park Administration		
Expense.....		2 130 00
Stipends for Supervisors.....		1 460 00
		(3 590 00)
South Asian Studies		
Consultants.....		1 400 00
Wages.....		1 750 00
Expense.....		1 500 00
Travel.....		1 280 00
		(5 930 00)
<i>Total.....</i>		<i>\$39 805 00</i>

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 Illinois Accountancy Act of 1943, as amended, 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>
RICHARD LYMAN BOLOTIN	Skokie, Illinois	District of Columbia
THOMAS JOSEPH HINES	Addison, Illinois	Pennsylvania
CHARLES ALLEN POLLARD	Beloit, Wisconsin	Wisconsin
RICHARD GEORGE SHUMA	Northbrook, Illinois	Pennsylvania
LAWRENCE RICHARD TEDFORD	Princeton, Indiana	Indiana

I concur.

On motion of Mr. Swain, these certificates were awarded.

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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A — indefinite tenure; B — two years; D — one year; E — nine months from the beginning of the academic year; G — special tenure; Y — twelve months' service required instead of two semesters.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

1. JERROLD BERNSTEIN, Assistant Professor of Bioengineering, Department of Information Engineering, Chicago Circle, on one-fourth time, beginning September 1, 1966, at an annual salary of \$3,000 (D25).
2. MARY VIRGINIA DUNN, Assistant Professor of Occupational Therapy, School of Associated Medical Sciences, College of Medicine, beginning January 1, 1967, at an annual salary of \$10,000 (DY).
3. HANS ENGSTROM, Visiting Research Professor of Electrical Engineering, Urbana, for three months from November 1, 1966, without salary (G).
4. SAMUEL KAPLAN, Assistant Professor of Microbiology, Urbana, for seven months from February 1, 1967, at a salary of \$5,750 (B).
5. FRANK A. MORRISON, JR., Assistant Professor of Mechanical Engineering, Urbana, beginning September 1, 1967, at an annual salary of \$11,000 (D).
6. ROBERT S. NORTHCOTE, Assistant Professor of Computer Science, Graduate College, for three months from June 1, 1967, at a salary of \$3,900 (G), and Assistant Professor of Computer Science, Graduate College, Urbana, for two years from September 1, 1967, at an annual salary of \$11,700 (B).

On motion of Mr. Pogue, these appointments were confirmed.

DIRECTORSHIP OF THE INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS

(4) I recommend the appointment of Samuel K. Gove as Director of the Institute of Government and Public Affairs for the period January 1, 1967, through August 31, 1967, at a salary at the rate of \$18,200 a year. Professor Gove is presently Acting Director of the Institute. In accordance with the provisions of Section 31 of the University of Illinois *Statutes*, the administrative head of the Institute shall be appointed biennially. The term as Director in this case is fixed to coincide with the current biennium 1965-67. A subsequent appointment will be for a two-year period.

Director Gove will continue as Professor in the Institute of Government and Public Affairs and Professor of Political Science on indefinite tenure.

The recommendation of the Director is made with the advice of a nominating committee,¹ and reflects consultation with the senior members of the staff of the Institute.

On motion of Mrs. Watkins, this appointment was approved.

¹ Professor J. Nelson Young, College of Law, Chairman; Professor Edward M. Bruner, Acting Head of the Department of Anthropology; Professor John F. Due, Chairman of the Department of Economics; Associate Professor Denis G. Sullivan, Department of Political Science.

**ACTING DEANSHIP OF COLLEGE OF BUSINESS ADMINISTRATION
AT CHICAGO CIRCLE**

(5) The Chancellor at Chicago Circle has recommended the appointment of Robert W. French, presently on the faculty, as Professor of Economics and of Management at Chicago Circle on indefinite tenure, Staff Associate in the Chicago Office of the President and Acting Dean of the College of Business Administration at Chicago Circle, on a twelve months' service basis, beginning December 1, 1966, at an annual salary of \$23,500.

Professor French will succeed Dean Raymond W. Coleman who has asked to be relieved of this administrative assignment so that he may devote full time to teaching.

I have approved this appointment and request confirmation of my action.

On motion of Mr. Swain, this appointment was approved.

**DIRECTOR OF ADMISSIONS AND RECORDS
AT THE MEDICAL CENTER**

(6) The Chancellor at the Medical Center recommends the appointment of Dr. Anthony J. Diekema, presently Associate Director of Admissions and Records at the Medical Center, as Director of Admissions and Records at the Medical Center for two years from September 1, 1967, at an annual salary of \$17,000, on a twelve months' service basis. He will continue as Research Associate in the Office of Research in Medical Education in the College of Medicine and Assistant Professor of Sociology in the College of Pharmacy, on an annual basis.

This appointment is to succeed Director George R. Moon who will retire on August 31, 1967.

The appointment has the endorsement of the deans of the colleges at the Medical Center, and the approval of the University Dean of Admissions and Records, the Dean of the Graduate College, and the Executive Vice-President and Provost.

I recommend approval.

On motion of Mr. Johnston, this appointment was approved.

**MODIFICATION OF THE PROGRAM FOR SABBATICAL
LEAVES OF ABSENCE AND OF SECTION 40
OF THE UNIVERSITY STATUTES**

(7) The provisions in the University *Statutes* for sabbatical leaves of absence are stated so as to fit the semester calendar but not the quarter calendar — insofar as staff members appointed for the academic year are concerned. The present proposal would establish an alternative, optional arrangement primarily for the benefit of faculty members on academic-year appointment at the Chicago Circle campus or at the Medical Center campus. The quarter system is in operation at these two campuses. This proposal is available to the faculty at Urbana insofar as it is feasible for staff members there to take advantage of it.

The present provisions for sabbatical leaves in Section 40 of the *Statutes* may be summarized as follows:

1. After six years on full-time appointment as an instructor or in higher rank since his original appointment or since the termination of his last leave on salary, the individual may be granted a sabbatical leave for:
 - (a) One year with pay equal to one-half of his annual salary.
 - (b) One-half year at full salary.
2. In exceptional cases, where the interests of the department and the University would be clearly served thereby, leave may be granted for a half year at half pay at the end of three years of consecutive service.

Since the academic year on the quarter system is divided into three parts, it is usually not feasible for a faculty member on academic-year appointment to take sabbatical leave for a half year — since such a period would either end or begin at the midpoint of the second quarter.

In order to translate the present statutory provisions into equivalent benefits in terms of the quarter system, the following optional schedule is proposed:

1. After the completion of four academic years of full-time, continuous service, the

individual would be eligible to apply for sabbatical leave under the following conditions:

- (a) Leave for two quarters at one-half salary.
 - (b) Leave for one quarter at full salary.
2. After six years of full-time, continuous service, the individual would be eligible to apply for sabbatical leave as follows:
- (a) Leave for three quarters at one-half salary.
 - (b) Leave for two quarters at two-thirds salary.

These changes are recommended by the Chancellor at the Chicago Circle campus, the Chancellor at the Medical Center campus, and the Executive Vice-President and Provost.

Inasmuch as a revision of Section 40 of the University of Illinois *Statutes* will be required, appropriate language will be developed and referred to the three Senates for advice, in accordance with Section 65 of the *Statutes*.

I concur.

On recommendation of Mr. Swain, the changes recommended which will involve a revision of Section 40 of the University of Illinois *Statutes* were approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner.

SELECTION OF TEST OF COMPETENCE IN ENGLISH IN ADMISSION OF FOREIGN STUDENTS

(8) The three Senates of the University have approved a procedural change in the regulation concerning the English test used in the admission of foreign students and approval by the Board of Trustees is recommended. The Trustees approved the existing regulation on July 18, 1962.

The major change would enable the University Dean of Admissions and Records, or an officer designated by the President, with the approval of the All-University Committee on Admissions, to select an appropriate test of competence in English. It is expected that in most instances, the Test of English as a Foreign Language (TOEFL), which was developed by the National Council on the Testing of English as a Foreign Language, will be used. The Council is comprised of thirty organizations closely concerned with foreign students including the English Language Institute of the University of Michigan, which developed the test now required at the University of Illinois. TOEFL has been adopted by the Department of State, by the Agency for International Development, by the Department of Defense Language Institute, and by some two hundred universities, including most of the major universities.

The text of the regulation follows (recommended deletions appear within parentheses; additions are in italics):

(The) *A test of competence in English* (given by the English Language Institute, Testing and Certification Division, Ann Arbor, Michigan) shall be required of all foreign students, including transfers, who file applications for admissions (after September 1, 1962,) *in September, 1967, and thereafter*, except foreign students who are citizens of a country where the native language is English, or who have degrees from colleges or universities in countries where English is the native language and where all instruction was in English. A score on (that) *the* examination will be received by the University of Illinois before action is taken on the student's request for admission. All prospective foreign students who receive a score below the minimum score of acceptance on the test will not be admitted to the University. *The University Dean of Admissions and Records, or an officer designated by the President, shall select the test to be used, subject to approval by the All-University Committee on Admissions.* The Director (Dean) of Admissions and Records on each campus may, however, upon recommendation of the college concerned, waive the requirement of test if evidence presented by the applicant clearly justifies such action.

I concur in the recommendation.

On motion of Mr. Williamson, this recommendation was approved.

**INCREASE IN GRADUATION REQUIREMENTS FOR MASTER
OF FINE ARTS DEGREE, URBANA**

(9) The Urbana-Champaign Senate recommends a proposal from the Department of Art that the number of units required for the Master of Fine Arts degree (in Painting and Printmaking, Design and Sculpture) be increased from twelve to sixteen units. The Graduate College and the College of Fine and Applied Arts concur in this recommendation.

When the twelve-unit degree was established, a three-semester residence requirement seemed reasonable. Experience has shown, however, that students could not be brought to the desired point of artistic maturity for this terminal degree within that period. For some years, degrees have not been granted in three semesters except under unusual circumstances.

The sixteen-unit, four-semester residence requirement is becoming the standard for the M.F.A. degree throughout the country. This trend is in keeping with the recommendations of the College of Art Association, the Midwest College Art Conference, and the National Association of Schools of Art.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I concur.

On motion of Mr. Dilliard, this recommendation was approved.

**CHANGE IN DEPOSIT REQUIREMENT FOR NEW
GRADUATE STUDENTS**

(10) By action of the Board of Trustees on January 15, 1964, a nonrefundable deposit of \$30 on tuition and fees was established for "all new domestic graduate students," except those exempted from the payment of tuition and fees because of the award of a fellowship, assistantship, or tuition and fee waiver. Under this regulation, foreign students are not required to pay the advance deposit of \$30 towards the cost of tuition and fees.

In view of the need to make more accurate projections of graduate enrollment, the University Committee on Fees¹ recommends that this regulation be revised so as to require payment of the advance deposit of \$30 by foreign students who at the time of application are living in the United States. Accordingly, the following statement is proposed as an amendment of Item 5 in the regulations approved by the Board on January 15, 1964:

The requirement of a nonrefundable deposit of \$30 on tuition and fees of all new graduate students except foreign students who, at the time of application, are living outside the United States. Graduate students assured of the award of a fellowship, academic or nonacademic appointment, or tuition and fee waiver will be permitted to confirm their intention to enroll without payment of the advance deposit.

I concur.

On motion of Mr. Johnston, this recommendation was approved.

AMENDMENT TO RULES RELATING TO SALARY- ANNUITY OPTION

(11) In 1965 the General Assembly passed legislation making it possible for any employee of an institution covered by the State Universities Retirement System to elect the salary-annuity option. Prior to this action, participation was limited to employees who were participants in the retirement system.

It is necessary, therefore, to amend a rule adopted by the Board of Trustees to implement the provisions of the earlier legislation (*Illinois Revised Statutes*, Chapter 127, Section 166 (c)).

The change extends the provisions of the salary-annuity option to persons who are under the Federal Employees' Retirement System, as well as to persons who are employed after they reach age fifty-eight and who are, therefore, ineligible to participate in the State Universities Retirement System. The text of the rule, as adopted by the Trustees on May 20, 1964, is given below with the portion recommended for deletion appearing within parentheses and in italics.

1. Any employee of the University (*who is a participant in the State Universities Retirement System and*) who desires to make an election to accept an adjustment in

¹ The members of the University Committee on Fees are: the Executive Vice-President and Provost (Chairman), the Vice-President and Comptroller, the Chancellor at the Chicago Circle campus, the Chancellor at the Medical Center campus, the Dean of the Graduate College, and the University Dean of Admissions and Records.

earnings pursuant to Section 166 (c) of Chapter 127 of the Illinois Revised Statutes shall do so by executing and filing with the University a document in a form approved by the Vice-President and Comptroller and by the Legal Counsel. In the event that more than one such election is filed by an employee, the election bearing the latest date shall be deemed to supersede all previous elections, but no employee may file more than one election in any calendar year. Any such election so filed may be revoked at any time by the employee upon filing a written revocation with the University.

The Vice-President and Comptroller recommends that the amendment be approved.

I concur.

On motion of Mr. Hughes, this recommendation was approved.

CHANGE IN NONACADEMIC POLICY AND RULES

(12) The agreement recently negotiated with the Building Service Employees Union, Local 119 (Urbana campus) provides for a new work shift, in not more than twelve buildings, between the hours of 11:30 p.m. and 7:30 a.m. The Director of the Physical Plant, with the concurrence of the Union, has determined that the University will be best served if the work week for this shift begins at 11:30 p.m. each Sunday night.

Under Section IV of the *Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees* as approved by the Board of Trustees, "the work week of all employees shall start on Monday" and "all work on Sundays is overtime." Section V of the *Policy and Rules* provides for overtime compensation for Sunday work.

However, in the agreement with the Union, overtime pay is not contemplated for any part of this new work shift. Although but thirty-one minutes of time are involved, and the bulk of the hours worked on the first day of the work week is on Monday, the agreement does represent an exception to the existing *Policy and Rules*. Therefore, on recommendation of the Director of the Physical Plant, the Director of Nonacademic Personnel, and the Vice-President and Comptroller, approval is requested of an exception, for this one situation, to the *Policy and Rules*.

I concur.

On motion of Mr. Swain, this recommendation was approved.

NONDISCRIMINATION ASSURANCE AT UNIVERSITY OF ILLINOIS-WILLARD AIRPORT

(13) In connection with the grant agreement for airport improvements and acquisition of land, approved by the Board of Trustees on February 19, 1964, the Federal Aviation Agency now requires the adoption of a resolution assuring nondiscrimination in federally assisted programs.

The Director of the Institute of Aviation and the Vice-President and Comptroller recommend adoption of the following resolution.

I concur.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation, that H. O. Farber, Comptroller, be and hereby is authorized to execute in the name and on behalf of this public corporation the following Sponsors Assurance of Nondiscrimination in Federally Assisted Programs in connection with the Application for federal funds for University of Illinois-Willard Airport project, Ill. Project No. 65A-7-356, FAA Project No. 9-11-026-C404, viz:

Sponsor assurance to accompany a request for payment of Federal funds made after January 30, 1965 in accordance with the terms of a Grant Agreement executed prior to January 30, 1965. Nondiscrimination in Federally Assisted Programs of the FAA: In order to furnish the assurances required by Title VI of the Civil Rights Act of 1964 and by Part 15 of the FAR, as amended, The Board of Trustees of the University of Illinois, a public corporation, (hereinafter called the Sponsor) hereby covenants and agrees with the United States (hereinafter called the Government) as follows: The Sponsor in the operation and use of the University of Illinois-Willard Airport will not on the grounds of race, color, or national origin discriminate or permit discrimination against any person or group of persons in any manner prohibited by Part 15 of the

FAR. The Sponsor will include, or require the inclusion of, the foregoing covenant in every agreement or concession pursuant to which any person or persons, other than the Sponsor, operates or has a right to operate any facility on the airport providing services to the public, and a provision granting the Sponsor the right to take such action as the Government may direct to enforce such covenant. Noncompliance with the above assurance shall constitute a material breach, and in the event of such noncompliance the Government may take appropriate action to enforce compliance, may terminate their Grant Agreement to which this covenant relates, or seek judicial enforcement. The covenant shall become effective upon execution and shall constitute part of the Grant Agreement to which it relates and shall remain in full force so long as the airport covered by such agreement continues to be used and operated as a public airport.

On motion of Mr. Pogue, the foregoing resolution was adopted.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES, URBANA

(14) The Executive Vice-President and Provost and the Vice-President and Comptroller recommend the following appropriations for Urbana-Champaign from:

Urbana-Champaign General Reserve

Renovation and remodeling for which funds are assigned to the Physical Plant Department:

Remodeling at 1002 West Green Street, Urbana, for the use of the University Press \$14 220 00

Urbana-Champaign Contract Research Reserve

Renovation and remodeling for which funds are assigned to the Physical Plant Department:

Partial cost of remodeling in Noyes Laboratory to be used by the Department of Chemistry and Chemical Engineering for training graduate students in research..... 12 000 00

Total..... \$26 220 00

I concur.

On motion of Mr. Johnston, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner.

CONTRACTS FOR REMODELING IN ANIMAL GENETICS BUILDING, URBANA

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following cost-plus contracts for remodeling the north end of the Animal Genetics Building to provide laboratory and office space for staff and graduate students, the award in each case to the lowest bidder:

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Total Esti- mated Fee Payments</i>	<i>Total Payments</i>
General — Dean Evans Co., Champaign.....	10	22	5	\$1 350 00	\$10 350 00
Electrical — G. L. Wilsky, an individual doing business as Downtown Electric, Urbana...	13	23	0	403 00	2 603 00
Plumbing — Willis H. Thomas and Wren C. Thomas, a partnership doing business as Thomas Plumbing & Heating Co., Urbana.....	25	40	5	1 125 00	4 325 00
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	32	39	15	799 00	2 999 00

The estimated total cost of the work is \$31,000. Funds are available from an appropriation approved by the Board of Trustees on September 21, 1966.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Hughes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner.

CONTRACTS FOR REMODELING IN MCKINLEY HOSPITAL, URBANA

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following cost-plus contracts and the assignment of \$42,210 from Workmen's Compensation Reserve for remodeling in the southwest section of McKinley Hospital for construction of a radiation decontamination facility, the award in each case to the lowest bidder :

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Total Estimated Fee</i>	<i>Total Estimated Payments</i>
General — Dean Evans Co., Champaign.....	4	32	10	\$2 370 00	\$18 870 00
Electrical — William H. Brunkow doing business as Brunkow Electric Co., Champaign.....	8	24	0	320 00	2 470 00
Plumbing — The Nu-Way Contracting Corp., Chicago..	15	39	5	1 645 00	8 145 00
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	25	27	10	790 00	3 890 00

The estimated total cost of the work is \$42,210.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner.

PURCHASE OF ELECTRIC POWER FROM ILLINOIS POWER COMPANY, URBANA CAMPUS

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization to execute an agreement with Illinois Power Company, Decatur, for the purchase of electric energy from the Illinois Power Company for the Urbana-Champaign campus in accordance with the following terms :

1. Purchase of electric energy at a cost of \$2.45 per kw of "billing demand" (highest plant demand minus net capability of the plant, plus demand of all other delivery points) for the first 10,000 kw; and \$1.65 per kw for all over 10,000 kw of billing demand, plus 0.44 cents per kw for all energy furnished by the utility, subject to fuel cost adjustment. These terms would be subject to any future rate adjustment approved by the Illinois Commerce Commission.
2. The term of the agreement shall be for a period beginning July, 1967, and ending June 30, 1969, and shall be subject to renewals for successive twenty-four month periods. Funds for the initial term of the contract will be included in the University's request for operating funds for the 1967-69 biennium.

3. This contract shall not be in effect until approved by order of the Illinois Commerce Commission.

Submitted herewith is a memorandum from the Physical Plant Department, including a summary of the major provisions of the proposed agreement between the Illinois Power Company and the University, a copy of which is being filed with the Secretary of the Board for record.

I concur and recommend that the Comptroller and the Secretary of the Board of Trustees, with the concurrence of the Legal Counsel, be authorized to execute such an agreement with the Illinois Power Company.

On motion of Mr. Williamson, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner.

CONTRACT FOR ACOUSTICAL WORK, NEUROPSYCHIATRIC INSTITUTE AND ILLINOIS SURGICAL INSTITUTE FOR CHILDREN, MEDICAL CENTER

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$39,831 to Steinmetz-Dworak, Incorporated, Chicago, the lowest bidder, for acoustical work in the Neuropsychiatric Institute and Illinois Surgical Institute for Children at the Medical Center campus.

The work consists of removing existing acoustical tile which does not comply with the Chicago Building Code regarding "flame-rate spread" and installing acoustical tile which does meet the Code.

Funds are available in the 1965-67 state capital appropriations and have been released.

I concur.

On motion of Mrs. Watkins, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner.

CONTRACTS FOR AIR CONDITIONING FIRST FLOOR FOR MANUFACTURING PHARMACY, MEDICAL CENTER

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for air conditioning the first floor for Manufacturing Pharmacy, East Dentistry-Medicine-Pharmacy Building at the Medical Center, the award in each case to the lowest bidder:

General — Gerhardt F. Meyne Company, Chicago.....	\$ 4 058 00
Plumbing — Peter H. Smith Company, Chicago.....	2 620 00
Heating, Refrigeration, and Temperature Controls — F. E. Moran, Inc., Chicago.....	39 660 00
Ventilation — Anderson & Litwack Company, Hillside.....	7 913 00
Electrical — Midwest Interstate Electrical Construction Co., Chicago..	5 963 00
<i>Total</i>	<u>\$60 214 00</u>

The work provides for furnishing and installing an air conditioning system consisting of a centrifugal water chiller, cooling tower, cooling coils, additions to and revisions of existing ductwork, together with all required auxiliary equipment and pertinent controls.

Funds are available in the 1965-67 state capital appropriations and have been released.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Page, Governor Kerner.

**CONTRACTS FOR REMODELING SPACE VACATED BY PEDIATRICS
FOR CENTER FOR HANDICAPPED CHILDREN, GENERAL
HOSPITAL BUILDING, MEDICAL CENTER**

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of contracts for remodeling space vacated by the Department of Pediatrics in the General Hospital Building, which will be used by the Center for Handicapped Children, the award in each case being to the lowest bidder:

General — Heller Construction Company, Inc., Chicago		
Base bid.....	\$33 771 00	
Deductive alternate for substitution of vinyl asbestos floor covering for carpet floor covering.....	-1 000 00	\$32 771 00
Ventilation — Crone Associates, Inc., Chicago.....		12 676 00
Plumbing — Fettes, Love & Sieben, Inc., Chicago.....		4 162 00
Pipe Covering and Insulation — Western Asbestos Company, Inc., Chicago.....		2 153 00
Electrical — Midwest Interstate Electrical Construction Co., Chicago		
Base bid.....	\$22 563 00	
Deductive alternate for omission of intercommunica- tion equipment.....	-3 070 00	19 493 00
Heating, Refrigeration, and Temperature Controls — A. Kilander & Co., Inc., Chicago.....		15 744 00
<i>Total</i>		<u>\$86 999 00</u>

The work consists of rehabilitating the area by providing partitioning and a suspended ceiling; raising the lighting level; providing equipment space and a new air conditioning system.

Funds for this project are available to the Division of Services for Crippled Children.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE
CONTRACT FOR CONSTRUCTION OF CHICAGO CIRCLE
CAMPUS. PHASE II**

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Illinois Building Authority be requested to authorize an increase of \$134,567.58 in the contract with Gust K. Newberg Construction Co., Chicago, for the construction of Chicago Circle campus, Phase II. This additional cost is based on the necessity of extending caissons beyond the depth shown on the contract documents for the Library Addition (\$49,456.32) and the Science and Engineering Staff Offices Building (\$85,111.26) to reach solid rock for caisson support.

The depths shown on the drawings were determined as a result of analysis of soil borings prior to the preparation of working drawings. Soil conditions experienced in construction at the planned depth required additional excavation to reach "solid rock," thus resulting in additional costs in construction. The amounts are based on a unit price of \$900 per additional cubic yard excavated included in the bid and contract documents.

Funds are available to the Illinois Building Authority for this work.

I concur.

On motion of Mr. Swain, this change in contract was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner.

PAYMENT FOR ARCHITECTURAL EXPENSES, CHICAGO CIRCLE

(22) In 1964 the Illinois Building Authority, on recommendation of the Board of Trustees, employed the firm of Harry M. Weese & Associates to provide architectural services through the preparation of working drawings and contract documents for the construction of the Physical Education Building, Phase II, Chicago Circle, such services having been declared to be in the public interest by the General Assembly in 1963. It was anticipated that funds for additional architectural services would be provided later, when construction was authorized. In 1965 the General Assembly declared it to be in the public interest for the Illinois Building Authority to construct the building on behalf of the University.

The contract with the architect further provided that either the University or the Illinois Building Authority could require the architect to provide additional services. The architect completed the drawings, and documents and bids were received in August, 1965, for mechanical work. The bids exceeded the estimates and were rejected. At the request of the University and the Authority, the project and the bidding documents and procedures were revised, requiring additional services by the architect. With the approval of the University, the architect also employed certain consultants on behalf of the University and incurred certain other expenses of the type normally reimbursed to architects.

The architect has been paid for the working drawings and contract documents in accordance with the provisions of the contract with the Illinois Building Authority but has not been reimbursed for the above employment of consultants, additional expenses and the services required for rebidding. These amounts total \$43,984.58. As the construction of the Physical Education Building has been deferred to Phase III because of lack of adequate funding, the Illinois Building Authority has requested the University to make these payments with the understanding that the University will subsequently be reimbursed when the General Assembly increases the amount of its declaration in the public interest and when construction on this project is undertaken by the Illinois Building Authority. If this does not materialize, the costs can be charged to the state capital appropriations.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend payment of \$43,984.58 to Harry M. Weese & Associates for the foregoing costs and additional services rendered in connection with the Physical Education Building, Chicago Circle campus.

I concur.

On motion of Mrs. Watkins, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner.

EASEMENT TO GENERAL TELEPHONE COMPANY OF ILLINOIS

(23) The Vice-President and Comptroller recommends that the General Telephone Company of Illinois be granted an easement for the installation of an underground telephone cable over the road right-of-way only and bordering Allerton Trust Farm land in Piatt County, and that the following resolution be adopted.

I concur.

Resolution Granting Easement Over Road Right-of-Way Only and Bordering Allerton Trust Farm Land in Sections 8, 9, 16, 17, 18 and 29, Piatt County, Illinois

Be It, and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this Corporation be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract or other document or documents as to them may seem necessary or desirable in order to grant to General Telephone Company of Illinois, an Illinois Corporation, hereinafter referred to as "Company", its successors and assigns, the right and easement to construct, operate, patrol and maintain its communication lines including the necessary underground cables, wires, conduits, splicing boxes, surface terminals, markers and appurtenances upon, over and across the land hereinafter specifically described which land is included in the

public highway, to form a part of a communication system to be owned by the said Company in Piatt County, Illinois, to other lands and structures located beyond the lands hereinafter described, and upon, along, under and across the roads, streets, or highways on or adjoining said land hereinafter described together with the right of access to the said land hereinafter described, with the right to permit the attachment of the wires of any other Company. Company shall agree to repair any damage caused to property of this Corporation by the construction, reconstruction, operation, patrolling, maintenance, renewal or removal of said telephone communications cable, and to indemnify the University and its representatives and tenants from liability in connection with its activities; the term of said easement to be for such period as the easement may be used for the above-described purposes, but upon the discontinuation of use of or abandonment of said telephone communications cable, said easement to thereupon cease and determine without necessity of re-entry or demand; the rights and easement granted to be limited to the extent that this public corporation has the present right and capacity to grant the same. The right-of-way easement shall be over the following-described property:

Situated in the State of Illinois, the County of Piatt, and only on the road right-of-way bordering lands described as follows:

On road right-of-way bordering the North One-Half (N $\frac{1}{2}$) of the North One-Half (N $\frac{1}{2}$) of Section 8;

On road right-of-way bordering the Northwest Quarter (NW $\frac{1}{4}$) of the Northwest Quarter (NW $\frac{1}{4}$) and the Southwest Quarter (SW $\frac{1}{4}$) of the Southwest Quarter (SW $\frac{1}{4}$) of Section 9;

On road right-of-way bordering the Northwest Quarter (NW $\frac{1}{4}$) of the Northwest Quarter (NW $\frac{1}{4}$) of Section 16;

On road right-of-way bordering the North One-Half (N $\frac{1}{2}$) of Section 17;

On road right-of-way bordering the North One-Half (N $\frac{1}{2}$) and part of the North One-Half (N $\frac{1}{2}$) of the Southwest Quarter (SW $\frac{1}{4}$) of Section 18; and

On road right-of-way bordering part of the East part of the Southeast Quarter (SE $\frac{1}{4}$) of Section 29;

all situated in Township 18 North, Range 5 East, of the Third Principal Meridian (3rd P.M.).

On motion of Mr. Swain, the foregoing resolution was adopted.

CONTRACTS FOR SCHOOL OF MUSIC RECORDINGS. URBANA

(24) For some years the School of Music has been seeking an effective method of distributing recordings of the performances of new music by contemporary composers and music of great historical significance. Distribution through University channels has been of limited effectiveness.

Metro-Goldwyn-Mayer has offered to enter into contracts with the University for the release of records containing seven compositions by five University of Illinois composers. The performances of these compositions are recorded on tapes prepared under University auspices.

The contracts would provide that MGM will receive exclusive title to the tapes unless the records are omitted from the publisher's catalog for a period of at least two years, after which time title would revert to the University. MGM will pay to the University royalties of two per cent of record sales and will advance \$3,200 to the University to cover production costs of the tapes. The advance would be repaid from the first royalties.

The Director of the School of Music, the Dean of the College of Fine and Applied Arts, the Executive Vice-President and Provost, and the Vice-President and Comptroller recommend that authority be granted to enter into these contracts with MGM.

I concur.

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

AGREEMENT FOR FURNISHING SERVICES AND COMMODITIES TO THE HERMAN M. ADLER ZONE CENTER

(25) The Adler Zone Center, being constructed by the Illinois Department of Mental Health, should be ready for occupancy sometime between January and

March, 1967. In view of its location on the Urbana-Champaign campus and in an effort to promote efficiency within state operations, the Superintendent of the Adler Zone Center requests, and the Director of the Physical Plant and the Vice-President and Comptroller concur, that certain services and commodities be furnished to the Adler Zone Center on a fee basis.

The services to be rendered include building and ground maintenance, security surveillance, janitorial services, telephones services, and automotive services. Commodities would include purchases from the Physical Plant Stores, the Central Food Stores, the Office Stores, and the General Chemical Stores. All services and commodities furnished by the University would be billed to the Adler Zone Center on the basis of cost plus established mark-ups to cover overhead and administrative costs.

The general terms of the request have been reviewed with all University offices concerned and the Adler Zone Center.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization to enter into an agreement with the Department of Mental Health as outlined above.

I concur.

On motion of Mr. Williamson, this recommendation was approved.

BENJAMIN GOLDBERG FOUNDATION

(26) Under date of August 6, 1952, Benjamin Goldberg of Palm Springs, California, established a trust fund known as the "Benjamin Goldberg Foundation," the entire principal and income of which was permanently devoted to entities organized and operated exclusively for religious, charitable, scientific, literary, or educational purposes. Under the terms of the trust agreement, the trustees were directed, upon the death of Dr. Goldberg, to distribute the principal, "together with any income derived from or accruing thereto, to the College of Medicine of the University of Illinois" and the trust was to terminate. The trustees of the Benjamin Goldberg Foundation have requested a formal resolution by the Board accepting the gift on the terms stated in the trust agreement before making any distribution to the University. The Vice-President and Comptroller and the Legal Counsel recommend that the Board take formal action to accept the gift.

I concur and request the adoption of the following resolution.

Resolution

WHEREAS, a Trust Agreement dated August 6, 1952 between Benjamin Goldberg as Settlor and Benjamin Goldberg, Elliott H. Gordon and Jack Gold as Trustees, establishing a trust fund known as the "Benjamin Goldberg Foundation" provides in Article II, paragraph "e" that "The trustees shall, within twenty years of their receipt of any contribution to the Foundation or upon the death of the Settlor hereunder, depending upon which event shall occur first, distribute the same pursuant to the provisions hereof, together with any income derived from or accruing thereto, to the College of Medicine of the University of Illinois, and this trust shall thereupon automatically terminate"; and

WHEREAS, said Benjamin Goldberg is now deceased and said trustees have requested formal action of The Board of Trustees of the University of Illinois accepting said gift prior to distributing the same; and

WHEREAS, the College of Medicine of the University of Illinois is an educational and administrative unit within the public corporation created by the statutes of the State of Illinois and known as "The Board of Trustees of the University of Illinois" (hereinafter referred to as the "University of Illinois").

Now, Therefore, Be It Resolved by The Board of Trustees of the University of Illinois that the gift made to the College of Medicine of the University of Illinois by the terms of the Benjamin Goldberg Foundation, evidenced by a Trust Agreement dated August 6, 1952 and identified above be, and the same hereby is, accepted by the University of Illinois on the terms and for the purposes set forth in said Trust Agreement and quoted above.

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

REPORT OF GIFTS AND FUNDS RECEIVED FROM OUTSIDE SOURCES

(27) Following is a report of gifts, grants, and contract funds received by the University during the fiscal year July 1, 1965, through June 30, 1966. This report

includes funds from private donors and funds received from governmental agencies and covers all payments received during the fiscal year. A period of several months may elapse between the time an offer is received and accepted and final payment is made, which will account for the listing here of some gifts of funds, such as for scholarships and fellowships, for the academic year 1965-66, and others for 1966-67.

A number of these grants and gifts were previously reported to the Board when the offers were received, and likewise the Comptroller's monthly reports have included numerous research contracts for which funds had not been received at the time of reporting. These funds are being included here in order to present a complete report of all funds received from outside sources during the fiscal period 1965-66.

The contracts have all been properly executed by the Secretary and the Comptroller of the Board. All gifts and grants reported have been accepted and duly acknowledged by the President or other appropriate University officer with an expression of appreciation on behalf of the University and the Board of Trustees.

Colleges and Schools at Urbana-Champaign

Undergraduate Scholarships

1. Aerojet-General Corporation, New York, New York: scholarship in ceramic engineering.....	\$	500 00
2. Alcoa Foundation, Pittsburgh, Pennsylvania: scholarships (\$750 each) in ceramic, metallurgical, and mechanical engineering....		2 250 00
3. Allstate Foundation, Skokie: scholarships for extramural classes for driver education teachers conducted by the Division of University Extension.....		2 500 00
4. Alpha Beta of Delta Zeta Corporation: Delta Zeta scholarship.....		300 00
5. Alpha Delta Phi, Illinois Chapter: scholarship, 1965-66.....		270 00
6. American Air Filter Foundation, Inc., Louisville, Kentucky: Herman W. Nelson Scholarship in mechanical and electrical engineering.....		850 00
7. Anonymous donor: scholarship in civil engineering.....		2 000 00
8. Armstrong Cork Company, Lancaster, Pennsylvania: scholarship, 1965-66.....		335 00
9. Autotron, Inc., Danville: establishment of a scholarship to a sophomore in electronics, with renewal during the junior and senior years.....		650 00
10. Barber-Colman Foundation: scholarship.....		1 305 00
11. Bates and Rogers Foundation, Chicago: scholarships, 1965-66.....		900 00
12. Campus Chest, University of Illinois: scholarships.....		730 00
13. Caterpillar Tractor Co., Peoria: establishment of Caterpillar Tractor Co. Scholarship Program in College of Engineering, 1966-67, providing five scholarships, three in metallurgical engineering and two in mechanical engineering.....		2 500 00
14. Chevron Oil Company, The California Company Division, New Orleans, Louisiana: scholarship in geology.....		500 00
15. Chicago Farmers, Chicago: scholarship for a senior in agriculture.....		500 00
16. Continental Grain Company, New York, New York: scholarship in grain marketing.....		1 000 00
17. Douglas Aircraft Company, Inc., Santa Monica, California: scholarship to a senior in aeronautical, electrical, or mechanical engineering.....		750 00
18. Ernst & Ernst Foundation: scholarship.....		1 000 00
19. Esco Corporation, Portland, Oregon: scholarship, 1965-66....		500 00
20. Federal Land Bank of St. Louis, St. Louis, Missouri: scholarship.....		1 000 00
21. First Federal Savings & Loan Association, Champaign: scholarship, 1965-66.....		500 00
22. Foundry Educational Foundation, Cleveland, Ohio: four scholarships, 1965-66.....		1 000 00
23. FS Services, Bloomington: four scholarships, two in agriculture and two in commerce, 1965-66.....		400 00

24. Frank E. Gannett Newspaper Foundation, Rochester, New York: Frank E. Gannett Newspaper Foundation Scholarship, 1966-67.....	500 00
25. Gates Radio Company, Quincy: Gates Radio Electrical Engineering Scholarship Program.....	1 007 00
26. General Motors Corporation, Detroit, Michigan: six scholarships, 1965-66.....	17 395 00
27. Green Giant Foundation, LeSueur, Minnesota: scholarships...	600 00
28. Gunther Construction Company, Galesburg: Harry M. Gunther Memorial Scholarship, 1965-66.....	500 00
29. Harbison-Walker Charitable Fund, Inc., Chicago: scholarship in ceramic engineering.....	500 00
30. Joseph Harrington, Jr., Wehnam, Massachusetts: Dunlap Harrington Memorial Scholarship Award.....	50 00
31. The Hartford Insurance Group, Chicago: scholarship, 1965-66	3 000 00
32. Hewlett-Packard Company, Skokie: scholarship in electronics of physics.....	300 00
33. Illinois Association of Insurance Agents, Springfield: G. A. Mavon Scholarship, 1965-66.....	100 00
34. Illinois Congress of Parents and Teachers: two scholarships, one in any field of teacher training (\$4,550) and one in special education (\$3,000).....	7 550 00
35. Illinois Federation of Women's Clubs, Chicago: scholarships in occupational therapy and in the education of teachers of mentally retarded children.....	1 400 00
36. Illinois Mining Institute, University of Illinois: scholarship, 1965-66.....	600 00
37. Illinois Occupational Therapy Alumni Association: establishment of an Occupational Therapy Alumni Scholarship or Award.....	767 00
38. Illinois State Federation of Labor and Congress of Industrial Organizations, Chicago: scholarship, 1966-67.....	1 000 00
39. Illinois State Nurserymen's Association, Inc.: for the Miles W. Bryant Scholarship in ornamental horticulture.....	300 00
40. Junior Women's Advertising Club of Chicago: scholarship in journalism.....	225 00
41. Keeshin Transport System, Toledo, Ohio: for the Beatrice Keeshin Scholarship, 1965-66.....	400 00
42. The Kroger Company, Cincinnati, Ohio: three scholarships in agriculture and three in home economics.....	1 000 00
43. The Magnavox Company, Fort Wayne, Indiana: scholarship, 1965-66.....	3 000 00
44. P. R. Mallory Company Foundation, Inc., Indianapolis, Indiana: scholarship in ceramic engineering.....	250 00
45. Mid-South Chemical Company, Memphis, Tennessee: scholarship in agriculture, 1965-66.....	600 00
46. Midwest Agricultural Chemicals Association, Gering, Nebraska: scholarship.....	200 00
47. <i>The Minneapolis Star</i> , Minneapolis, Minnesota: establishment of a scholarship for a senior in journalism, for a five-year period.....	400 00
48. Minnesota Mining & Manufacturing Company, St. Paul, Minnesota: scholarships in engineering.....	1 000 00
49. Moorman Manufacturing Company, Quincy: scholarship in agriculture.....	1 500 00
50. Motorola, Inc., Franklin Park: scholarships in art and industrial design.....	500 00
51. Mueller Company, Decatur: scholarships in mechanical engineering.....	2 000 00
52. National Association of Home Builders Scholarship Foundation, Inc., Washington, D.C.: scholarship for student in a curriculum related to the home building industry.....	500 00
53. National Secretaries Association, Champaign: scholarship in secretarial training, 1965-66.....	150 00

54. Nonacademic Employees Council, University of Illinois, Urbana: scholarship for a son or daughter of a nonacademic employee at Urbana.....	1 080 00
55. Northern Illinois Land Company, Aurora: scholarship in agriculture and home economics, 1966-67.....	1 000 00
56. Owens-Corning Fiberglas Corporation, Toledo, Ohio: scholarship, 1965-66	1 500 00
57. Owens-Illinois, Toledo, Ohio: scholarships.....	2 825 00
58. Pan American Petroleum Foundation, Inc., Fort Worth, Texas: scholarship in geology, 1965-66.....	700 00
59. Pennsylvania Glass Sand Corporation, New York, New York: scholarship in ceramic engineering.....	270 00
60. Pfaudler Permutite Foundation: scholarship in ceramic engineering.....	500 00
61. Pi Kappa Lambda Music Fraternity, University of Illinois: Frederic B. Stiven Memorial Scholarship in music.....	500 00
62. Pratt & Lambert, Inc., Chicago: travel scholarship in architecture.....	250 00
63. The Presser Foundation, Philadelphia, Pennsylvania: scholarship in music, 1965-66.....	400 00
64. Procon, Incorporated, Des Plaines: scholarship in engineering.....	500 00
65. Production Credit Association: scholarship, 1966-67.....	600 00
66. Ralston Purina Company, St. Louis, Missouri: Ralston Purina Scholarship in agriculture, 1965-66.....	500 00
67. St. Louis Bank of Cooperatives, St. Louis, Missouri: David M. Hardy Scholarship in coop management.....	750 00
68. Scully-Jones Company: scholarship, 1965-66.....	600 00
69. Sears-Roebuck Foundation, Chicago: scholarship in agriculture (\$4,200) and in home economics (\$900).....	5 100 00
70. Secretariat of the University of Illinois: establishment of scholarship	100 00
71. Alfred P. Sloan Foundation, New York, New York: scholarship, 1965-66	4 500 00
72. Square D Foundation, Park Ridge: scholarships in electrical engineering.....	450 00
73. Standard Oil Company of California, San Francisco, California: scholarship in chemical engineering.....	750 00
74. Sulphur Institute: scholarship in agricultural economics.....	300 00
75. Texaco, Inc., Beacon, New York: scholarships, 1966-67.....	1 400 00
76. The Union Carbide Educational Fund, New York, New York: scholarship, 1965-66	2 000 00
77. U.O.P. Foundation, Des Plaines: scholarship in chemical engineering, 1966-67	1 000 00
78. University Club Foundation, Chicago: scholarship, 1966-67...	600 00
79. University of Illinois Alumni Association: scholarship in music.....	375 00
80. University of Illinois Dads Association, Champaign: scholarships, 1965-66	2 040 00
81. University of Illinois Mothers Association: scholarship, 1965-66.....	810 00
82. University of Illinois Student Organizations: scholarships....	3 000 00
83. Various donors: Donald E. Chamberlain Scholarships.....	415 00
84. Various donors: scholarship in ceramics.....	5 000 00
Bay State Abrasive Products, Westboro, Massachusetts	\$ 500 00
Ferro Corporation, Cleveland, Ohio.....	500 00
Fiberglas Corporation	3 500 00
Hercules Powder Co.....	500 00
85. Various donors: scholarship for training wood scientists....	1 100 00
Churchill Cabinet Company.....	\$ 300 00
V. J. Dolan and Company.....	300 00
Edward Hines Lumber Company.....	500 00
86. Western Electric Company, Inc., Chicago: scholarship, 1965-66.....	1 200 00
87. Witt-Armstrong Equipment Company, Champaign: scholarship, 1965-66.....	450 00

88. Women's Independent Student Association, Urbana: Mary Ann Woods Memorial Scholarship.....		100 00
89. Zeta Tau Alpha Foundation, Evanston: Shirley Kreasan Strout Award, 1965-66		250 00
<i>Total, Undergraduate Scholarships.....</i>	\$	112 449 00
<i>Miscellaneous Awards and Financial Aids to Students</i>		
90. Kivett and Myers and McCallum, Kansas City, Missouri: to the Department of Architecture for a student award.....	\$	200 00
91. Mrs. Wanda I. Lorentz, Homewood: to the College of Engineering for student aid in memory of her son, George.....		200 00
92. Reader's Digest Foundation: for student aid in journalism....		1 000 00
93. Simon, Rettburg & Garrison, Champaign: for student award in architecture		250 00
94. Union Carbide Company: for undergraduate awards in food science		250 00
95. University Concert and Entertainment Board: for the Star Course Prize in music.....		1 965 75
96. University of Illinois Foundation: for student grants-in-aid..	170	176 47
97. Various donors: for prizes in architecture.....		550 00
Alschuler Philanthropic Fund, Inc.....	\$	25 00
Mrs. Margaret Blackman, in memory of her son, Jack.....		100 00
Bradley & Bradley, Inc., Rockford.....		200 00
Singer Company		200 00
University of Illinois Foundation.....		25 00
98. Various donors: for award in civil engineering.....		100 00
99. Various donors: for Engineering Open House Awards.....		750 00
Automatic Electric Co.....	\$	125 00
Chicago Bridge & Iron Co.....		125 00
Chicago, Burlington & Quincy Railroad Co.....		125 00
Continental Can Co., Inc.....		125 00
Magnavox Company		125 00
Marvel-Schepler		125 00
100. Various donors: for the Women's Student Aid Fund.....		5 950 70
101. John Wiley & Sons, New York, New York: for the Fred B. Seely Award in engineering mechanics.....		100 00
<i>Total, Miscellaneous Awards and Financial Aids to Students.....</i>	\$	181 492 92
<i>Student Loans</i>		
102. Band Parents Association: for the Franklin C. Kreider Loan Fund	\$	1 040 00
103. Decatur Obedience Training Club: for short-term loan funds		300 00
104. Dr. and Mrs. Arthur L. Ennis, Decatur: for the Dr. and Mrs. Arthur L. Ennis Student Loan Fund.....		500 00
105. William P. Jones, Jr.: for the John S. Crandel Loan Fund...	5	800 00
106. Koppers Co., Inc.: for long-term loan funds.....		500 00
107. Lincoln State Cat Club: for short-term loan funds.....		500 00
108. Miles O. Price: for the P. L. Windsor Memorial Loan Fund		500 00
109. St. Clair County Heart Association: for long-term loan funds		500 00
110. Sandemac Kennel Club: for the Veterinary Medicine Student Loan Fund		500 00
111. Sigma Delta Epsilon: for long-term loan funds.....		678 58
112. Tau Delta Tau, University of Illinois: for short-term loan funds.....		15 00
113. United States Department of Health, Education, and Welfare under the National Defense Education Act: for student loans for all three campuses.....	755	001 00
114. University of Illinois Foundation.....	33	214 27
Norma E. Carr Loan Fund.....	\$	325 63
United Student Aid Fund.....	1	500 00
Raymond Rickbiel Fund.....		202 96
Class of 1933 Loan Fund.....		30 00
Margarethe Lange James Loan Fund.....	5	000 00
For long-term student loans.....	26	155 68

115.	University of Illinois Student Organizations.....		1 110 00
	Campus Chest Loan Fund.....	\$ 410 00	
	Alpha Phi Omega Student Loan Fund.....	700 00	
116.	Various donors: for the John J. Parry Memorial Loan Fund		70 00
	Georgia M. Gleyen.....	\$ 5 00	
	Fern W. Crane.....	10 00	
	Mrs. Jessie L. Fry.....	50 00	
	John P. Filo.....	5 00	
117.	Various donors: for the Class of 1915 Student Loan Fund..		535 00
	Ferdinand Sternmitz	\$ 25 00	
	University of Illinois Alumni Association.....	500 00	
	University of Illinois Foundation.....	10 00	
118.	Various donors: for the College of Veterinary Medicine Loan		750 00
	Fund.....		
	Auxiliary to the Illinois State Veterinary Medical		
	Association.....	\$ 100 00	
	Band Parents Association.....	100 00	
	Dow Chemical Company.....	50 00	
	Fox Valley Dog Training Club.....	500 00	
	<i>Total Student Loans</i>	\$	801 513 85

Funds for Graduate Fellowships and Research

119.	Allied Chemical Foundation, New York, New York: renewal		
	of two fellowships in the Department of Chemistry and		
	Chemical Engineering, 1965-66.....	\$	6 000 00
120.	American Oil Foundation, Chicago: for the American Oil		
	Foundation Fellowship in chemical engineering, 1965-66.....		5 670 00
121.	American Society of Tool and Manufacturing Engineers: fel-		
	lowship in mechanical engineering.....		5 670 00
122.	Archer Daniels Midland Company, Minneapolis, Minnesota:		
	fellowship in chemical engineering, 1965-66 and 1966-67.....		4 000 00
123.	Automotive Safety Foundation, Washington, D.C.: fellowship		
	in traffic engineering, 1965-66.....		2 200 00
124.	Champaign School District No. 4: fellowship in special edu-		
	cation		1 080 00
125.	Chemical Industries Council: to the Department of Chemistry		
	and Chemical Engineering for a Summer Session fellowship..		750 00
126.	Chrysler Corporation, Detroit, Michigan: to the Department		
	of Chemistry and Chemical Engineering for a fellowship in		
	the field of high pressure chemistry of solid state materials..		4 000 00
127.	The Civil War Round Table, Chicago: fellowship in history.		3 000 00
128.	Collins Radio Company, Cedar Rapids, Iowa: renewal of an		
	instructor-fellowship in electrical engineering.....		2 000 00
129.	Diamond Alkali Company, Painesville, Ohio: summer fel-		
	lowship in plant pathology.....		600 00
130.	Discoverer, Inc.: fellowship in psychology.....		3 000 00
131.	Douglas Aircraft Company, Inc., Santa Monica, California:		
	fellowship in aeronautical, electrical, or mechanical engineering		2 200 00
132.	Camille and Henry Dreyfus Foundation: fellowship.....		2 500 00
133.	E. I. du Pont de Nemours and Company, Wilmington, Dela-		
	ware: renewal of postgraduate teaching assistantship in chem-		
	istry.....		1 500 00
134.	Electrochemical Society: fellowship.....		800 00
135.	The Firestone Tire & Rubber Company, Akron, Ohio: re-		
	newal of the C. S. Marvel Fellowship in chemistry, 1966-67..		4 200 00
136.	Ford Foundation, New York, New York.....		30 787 44
	For a program of legislative internships with the		
	General Assembly of Illinois under administration		
	of the Institute of Government and Public Af-		
	airs. This is a total grant of \$148,068 to assist in		
	financing for a six-year period a program of leg-		
	islative internships. Interns will be selected by a		
	committee which includes officers of the General		
	Assembly and representatives from Illinois In-		

	stitute of Technology, Northwestern University, Southern Illinois University, and the University of Chicago, besides the University of Illinois....	\$24 000 00
	Fellowship in economic development and administration.....	6 000 00
	Fellowship in business.....	787 44
137.	General Dynamics Corporation, San Diego, California: fellowship in physics, 1966-67.....	4 000 00
138.	The General Electric Foundation, Ossining, New York: graduate research and study grants of \$5,000 each in physics, applied mathematics and statistics, accounting and finance, 1965-66	15 000 00
139.	The General Foods Fund, Inc., New York, New York: two fellowships in home economics, 1965-66.....	6 000 00
140.	The Gillette Company, Boston, Massachusetts: for the Gillette-Toni Fellowship in the Department of Chemistry and Chemical Engineering, 1965-66.....	4 000 00
141.	Illinois Fertilizer Industry Association: for the A. L. Lang Fellowship in agronomy.....	500 00
142.	Illinois Seed Dealers Association, Inc., Urbana: for the W. L. Burlison Fellowship in agronomy.....	500 00
143.	Inland Steel-Ryerson Foundation, Inc., Chicago.....	6 000 00
	Renewal of fellowship in mining and metallurgical engineering, 1965-66.....	\$ 3 500 00
	Fellowship in architectural engineering.....	2 500 00
144.	Jefferson Chemical Company, Inc., Houston, Texas: establishment of a Jefferson Chemical Teaching Fellow, to be alternated each year between chemistry and chemical engineering..	500 00
145.	Jones & Laughlin Steel Corporation, Pittsburgh, Pennsylvania: renewal of the Jones & Laughlin Steel Corporation fellowship, 1965-66	3 200 00
146.	Eli Lilly and Company, Indianapolis, Indiana: renewal of fellowship in organic chemistry.....	4 200 00
147.	The Lubrizol Corporation, Cleveland, Ohio: fellowship in chemistry, 1966-67.....	3 600 00
148.	Richard King Mellon Charitable Trusts, Pittsburgh, Pennsylvania: for the Mellon Fellowships in city planning and urban renewal.....	50 000 00
149.	Midwest Universities Consortium for International Activities: fellowship	123 00
150.	Minnesota Mining & Manufacturing Company, St. Paul, Minnesota: fellowships in chemistry, chemical engineering, and physics	11 250 00
151.	Monsanto Chemical Company, Monsanto, Illinois: fellowships in chemistry (\$3,000) and chemical engineering (\$4,000).....	7 000 00
152.	Motorola, Inc., Franklin Park: renewal of the Paul V. Galvin Fellowship in electrical engineering.....	2 500 00
153.	National Lead Company, Baroid Division, Houston, Texas: renewal of fellowship in geology, 1966-67.....	2 800 00
154.	National Society for Crippled Children and Adults and Alpha Gamma Delta International Women's Fraternity, Chicago: research and study grant for summer program on the education of children with minimal brain damage.....	2 000 00
155.	The Edward Orton Jr. Ceramic Foundation, Columbus, Ohio: fellowship in ceramic engineering.....	2 730 00
156.	Owens-Corning Fiberglas Corporation, Toledo, Ohio: renewal of fellowship in ceramic engineering, 1965-66.....	3 500 00
157.	Phillips Petroleum Company, Bartlesville, Oklahoma: fellowship, 1965-66	3 500 00
158.	Pittsburgh Plate Glass Company, Pittsburgh, Pennsylvania: fellowship in ceramic engineering.....	3 000 00
159.	The Procter & Gamble Company, Cincinnati, Ohio: fellowship in chemistry, 1965-66 and 1966-67.....	8 815 00
160.	Pure Milk Association, Chicago: fellowship in food technology.....	1 500 00

161. Radio Corporation of America, Camden, New Jersey: fellowship in electrical engineering, 1965-66.....	2 370 00
162. Resources for the Future, Inc., Washington, D.C.: doctoral dissertation fellowship in natural resources.....	3 820 00
163. Rohm and Haas Research Laboratories, Spring House, Pennsylvania: fellowship in chemistry and chemical engineering..	3 500 00
164. Shell Companies Foundation, Inc., New York, New York.....	8 281 66
Fellowship in chemical engineering.....	\$ 4 161 66
Fellowship in geology.....	4 120 00
165. Sam S. Shubert Foundation, New York, New York: renewal of fellowship in playwriting, 1966-67.....	2 500 00
166. Sinclair Oil Corporation Foundation, New York, New York: fellowship in organic chemistry, 1965-66.....	2 500 00
167. Socony Mobil Oil Company, Inc., New York, New York: fellowships in chemistry.....	4 570 00
168. Speer Carbon Company, Niagara Falls, New York: fellowship in ceramic engineering.....	3 800 00
169. Sprague Electric Company, North Adams, Massachusetts: fellowship in physics.....	3 500 00
170. Standard Oil Company of California, San Francisco, California: renewal of fellowship in chemistry.....	3 650 00
171. Sun Oil Company, Philadelphia, Pennsylvania: fellowships in chemistry (\$4,720) and chemical engineering (\$4,800).....	9 520 00
172. Supervised Investors Services, Inc., Chicago: fellowship to promote the development of new teachers in electronics.....	2 000 00
173. Union Carbide Corporation.....	11 270 00
Olefins Division, Charleston, West Virginia: fellowship in chemistry and chemical engineering... \$ 3 370 00	
Tarrytown, New York: fellowship in physics... 3 950 00	
Visking Division, Chicago: fellowship in chemical engineering	3 950 00
174. United States Rubber Company, Wayne, New Jersey: supplement fellowships in chemistry and chemical engineering, 1965-66	2 400 00
175. United States Steel Corporation, New York, New York: fellowship in physics, 1965-66 and 1966-67.....	7 800 00
176. Upjohn Company: fellowship in plant pathology.....	2 000 00
177. Various donors: to the Jane Addams Graduate School of Social Work for a fellowship.....	18 735 00
Chicago Community Trust.....	\$ 4 725 00
Chicago Youth Centers.....	600 00
University of Illinois Foundation.....	10 00
Weiboldt Foundation, Chicago.....	5 400 00
Woods Charitable Fund, Inc.....	8 000 00
178. Woodrow Wilson National Fellowship Foundation, Princeton, New Jersey: fellowships.....	22 000 00
179. Xerox Corporation, Rochester, New York: fellowship in solid state physics, 1965-66.....	5 300 00
	(345 692 10)
180. Abbott Laboratories, North Chicago.....	3 900 00
To the Radiocarbon Laboratory for unrestricted research.....	\$ 2 400 00
To the Department of Veterinary Pathology and Hygiene for studies on the activation of shipping fever.....	1 500 00
181. Agricultural Development Council, New York, New York: to the Department of Agricultural Economics for research of Arab economic integration.....	11 500 00
182. Agricultural Institute, St. Louis, Missouri: to the College of Agriculture for research.....	1 000 00
183. American Chemical Society, Washington, D.C.....	43 034 37
To the Department of Chemistry and Chemical Engineering for:	
Research	\$ 8 000 00
Study of mechanisms of radical reactions.....	2 000 00

Study of the chemistry of a novel hydrocarbon...	7 000 00	
Study of nuclear magnetic and electron spin resonance studies of hydrocarbons.....	3 391 41	
Studies of flow field packed bed.....	5 300 00	
Studies of transport with homogenous chemical reaction in a turbulent boundary layer.....	2 000 00	
To the School of Life Sciences for studies of the biological functions of hydrocarbons.....	8 342 96	
To the Department of Mining, Metallurgy, and Petroleum Engineering for a study of statistical prove media hydrodynamics.....	7 000 00	
184. American Cyanamid Company, Princeton, New Jersey.....		3 200 00
To the Department of Agronomy for field experiments with phosphoric acid.....	\$ 500 00	
To the Illinois State Natural History Survey for a study on systemic insecticides for control of insects on wheat.....	2 700 00	
185. American Dairy Association, Chicago: to the Department of Food Science for a study of sterilization on the stability of cream.....		8 950 00
186. American Iron and Steel Institute, New York, New York....		56 875 00
To the Department of Civil Engineering for studies of beam configuration.....	\$15 000 00	
To the Department of Mining, Metallurgy, and Petroleum Engineering for study of the possible control of corrosion of structural steels using anodic inhibition as a means of treating steel surfaces before being put into use.....	12 500 00	
To the Department of Theoretical and Applied Mechanics for studies of welded wire fabric for reinforced concrete.....	29 375 00	
187. American Oil Co., Whiting, Indiana: to the Department of Agronomy to investigate the use of nonphytotoxic oils as additives to herbicide solutions.....		1 000 00
188. American Petroleum Institute: to the Department of Mining, Metallurgy, and Petroleum Engineering.....		14 600 00
Performing an analysis of idealized models of capillary flow with special attention given to the effect of moving interfacial boundary conditions..	\$ 9 600 00	
Research in energy of solids.....	5 000 00	
189. American Society of Heating, Refrigeration and Air Conditioning Engineers, Inc., New York, New York: to the Department of Mechanical and Industrial Engineering for studies Refrigeration evaporation.....	\$ 4 440 00	7 440 00
Steam and condensate flow in pipes.....	3 000 00	
190. American Steel & Wire Company, Cleveland, Ohio: to the Department of Theoretical and Applied Mechanics for a study on behavior of deformed wire fabric in concrete.....		15 000 00
191. American Wood-Preservers' Association, Washington, D.C.: to the Department of Forestry for post treating research.....		425 00
192. Amsted Industries, Inc.: to the Department of Ceramic Engineering for a study of steel casting refractories.....		30 000 00
193. Andrew Corporation: to the College of Engineering for research by an assistant in electrical engineering.....		6 500 00
194. Avnet, Inc.: to the Department of Ceramic Engineering, four hundred shares of Avnet, Inc., proceeds to be used for a study of ceramic metal reactions.....		7 050 00
195. Ayerst Laboratories, Fairchild, New Jersey: to the Department of Animal Science for research on estrus and ovulation in gilts.....		2 950 00
196. Bear Hybrid Corn Company, Incorporated: to the Department of Agronomy for corn research.....		2 500 00

197.	Biological Science curriculum study.....	18 750 00
	To the Department of Educational Psychology for development of prototype programs instruction materials.....	\$ 8 250 00
	To the Department of Special Education for studies analyzing classroom interactions between students and teachers in connection with teaching of the biological sciences.....	10 500 00
198.	California Chemical Company, Richmond, California: to the Illinois State Natural History Survey to determine the effect of diquat on aquatic plants.....	2 500 00
199.	The Carle Foundation, Urbana: to the Department of Physiology and Biophysics.....	390 68
	Studies of water soluble opaque media.....	\$ 262 68
	Studies of shock therapy.....	128 00
200.	Caterpillar Tractor Co., Peoria.....	19 700 00
	To the Department of Mechanical and Industrial Engineering for fundamental studies in the area of highly supercharged diesel engine combustion..	\$ 6 500 00
	To the Department of Theoretical and Applied Mechanics for research on hydraulic fluid flow...	13 200 00
201.	Champaign County Development Council: to the Department of Architecture for studies of improvement of University Avenue.....	3 000 00
202.	Champaign Production Credit Association: to the Department of Vocational and Technical Education for study of education for efficient use of agricultural production credit.....	1 800 00
203.	Chicago Copper & Chemical Co.: to the Department of Ceramic Engineering for a study of ferroelectric characteristics of rare earth-barium titanate processing.....	3 800 00
204.	Chicago Heart Association: to the Department of Food Science.....	23 100 00
	Studies of the interrelationship between unsaturated fatty acid and cholesterol metabolism.....	\$ 6 600 00
	Studies of the functions of various sulfated polysaccharides and mucopolysaccharides in normal and abnormal lipoprotein metabolism.....	6 600 00
	Research on the origin and function of bound lipids in the aorta and their relationship to lipid metabolism.....	9 900 00
205.	Cincinnati Milling Machine Co.: to the Department of Mechanical and Industrial Engineering for studies of machine tool structure.....	6 000 00
206.	Conference on Electron Device Research: to the Department of Electrical Engineering for unrestricted research.....	400 00
207.	Crop-Hail Insurance Actuarial Association, Chicago: to the Illinois State Natural History Survey for a study of factors producing hailstorms in Illinois.....	9 000 00
208.	The Dow Chemical Company, Midland, Michigan.....	7 825 00
	To the Department of Animal Science for research on utilization of nitrogen by ruminants with particular emphasis upon biuret nitrogen....	\$ 5 000 00
	To the Department of Dairy Science for a study of metabolism of propylene glycol in lactating dairy cows.....	1 000 00
	To the Department of Plant Pathology for research on fungicides.....	1 000 00
	To the Department of Veterinary Research for research in veterinary medicine.....	825 00
209.	E. I. du Pont de Nemours & Company.....	27 200 00
	To the Department of Mechanical and Industrial Engineering for research in the summer of 1966..	\$ 2 200 00

	For fundamental research and graduate study in chemistry (\$15,000), physics (\$5,000), and chemical engineering (\$5,000).....	25 000 00	
210.	Eastman Kodak Company, Rochester, New York: renewal of Eastman Kodak research grants in physics.....		11 500 00
211.	Fats & Proteins Research Foundation, Inc., Des Plaines: to the Department of Agronomy for research on the use of fat-derived surfactants in herbicide sprays.....		500 00
212.	The Ford Foundation, New York, New York: to the Institute of Labor and Industrial Relations for research and training program in cooperation with Institute of Management and Labor Studies at Keio University, Tokyo, Japan.....		73 000 00
213.	FS Services, Inc., Chicago.....		7 300 00
	To the Department of Agricultural Engineering for a study on improvement of farm tractor maintenance.....	\$ 5 000 00	
	To the Department of Animal Science for research on swine nutrition.....	2 000 00	
	To the Department of Dairy Science for research in dairy cattle feeding.....	300 00	
214.	Geigy Chemical Corporation.....		1 750 00
	To the Illinois State Natural History Survey for studies of insecticides on Illinois field, forage, and vegetable crops.....	\$ 1 000 00	
	To the Department of Plant Pathology for studies of fruit diseases and their control.....	750 00	
215.	General Electric Company: to the Department of Electrical Engineering for research and development of an optical spectrum analyzer.....		2 400 00
216.	W. R. Grace and Company, Baltimore, Maryland: to the Department of Ceramic Engineering for research on ultra-fine ceramic particles.....		20 000 00
217.	Graham Foundation for Advanced Studies in Fine Arts, Chicago: to the Department of Architecture for a graduate studies project.....		2 000 00
218.	Griffin Wheel Company, Chicago: to the Department of Theoretical and Applied Mechanics for a study of railway wheels..		15 000 00
219.	Hercules Powder Co., Wilmington, Delaware.....		1 446 95
	To the Department of Agronomy for research on herbicides.....	\$ 446 95	
	To the Department of Plant Pathology for studies of control of fruit diseases with fungicides.....	1 000 00	
220.	Hoffman-LaRoche, Inc., Nutley, New Jersey.....		10 000 00
	To the Department of Animal Science for studies of the effect of sulfonamides on the nutrition of the non-ruminant.....	\$ 4 000 00	
	To the Department of Chemistry and Chemical Engineering for studies in x-ray crystallography..	6 000 00	
221.	Illinois Agricultural Association, Bloomington: to the Department of Vocational and Technical Education for research on education relating to cooperative organizations in rural areas.....		2 920 00
222.	Illinois Crop Improvement Association, Urbana: to the Department of Agronomy for soybean research.....		3 000 00
223.	Illinois Farm Electrification Council.....		19 215 00
	To the Department of Agricultural Engineering for studies of rural electrification:		
	Association of Illinois Electric Cooperatives.....	\$ 7 000 00	
	Central Illinois Electric & Gas Co.....	700 00	
	Central Illinois Light Co.....	550 00	
	Central Illinois Public Service Co.....	2 065 00	
	Commonwealth Edison Co.....	3 500 00	
	Illinois Power Co.....	2 450 00	

Interstate Power Co.....	52 00
Iowa-Illinois Gas & Electric Co.....	60 00
Mt. Carmel Public Utility Co.....	100 00
Union Electric Co.....	43 00
To the Department of Agricultural Engineering for research in corn processing known as dehydro- frigidation:	
Central Illinois Light Co.....	\$ 355 00
Commonwealth Edison Co.....	2 275 00
Iowa-Illinois Gas & Electric Company.....	40 00
Union Electric Co.....	25 00
224. Illinois Federation of Women's Clubs: to the Department of Food Science for lipid research.....	1 000 00
225. Illinois Foundation Seeds, Champaign.....	10 000 00
To the Department of Agronomy for corn re- search.....	\$ 7 500 00
To the Department of Plant Pathology for corn research.....	2 500 00
226. Illinois Heart Association, Springfield: to the Department of Food Science for support and maintenance of the Burn- sides Research Laboratory for the School Science Program..	4 000 00
227. Illinois Landscape Contractors Association: to the Depart- ment of Horticulture for research and extension work on turf problems.....	200 00
228. Illinois State Florist Association, Urbana: to the Department of Horticulture for research to extend the gas lines in the floriculture greenhouses.....	900 00
229. Illinois State Turkey Growers Association, Champaign: to the Department of Veterinary Pathology and Hygiene for research on diseases of turkeys.....	2 921 00
230. Illinois Turfgrass Foundation, Inc., Champaign: to the De- partment of Horticulture for turfgrass research.....	1 800 00
231. State of Indiana: to the Library Research Center for a com- parative study of library statistics and state agencies.....	3 106 00
232. Institute of Boiler and Radiator Manufacturers, New York, New York: to the Department of Mechanical and Industrial Engineering for a study of steam and water heating.....	48 000 00
233. International Lead Zinc Research Organization: to the De- partment of Civil Engineering to evaluate the behavior of galvanized steel structures.....	27 500 00
234. International Minerals and Chemical Corporation, Chicago: to the Department of Agronomy for an agronomic evaluation of 2, 3, 5-triiodobenzoic acid (TIBA) on soybeans.....	8 000 00
235. Johnson & Johnson: to the Department of Veterinary Physi- ology and Pharmacology for studies of the muscle relaxing properties of chlorzoxazone in horses.....	3 000 00
236. Joint Committee for Research on Television and Children, Cambridge, Massachusetts: to the Institute of Communica- tions Research for research on the effects of repetition in the television viewing of children.....	14 406 00
237. Joseph P. Kennedy Foundation and Professor Samuel A. Kirk: to the Institute for Research on Exceptional Children, through the University of Illinois Foundation, for research on mental retardation.....	17 000 00
(In December, 1962, Dr. Samuel A. Kirk, Director of the Institute for Research on Exceptional Children and Chairman of the Department of Special Education, received an award from the Joseph P. Kennedy Foundation in recognition of his work on mentally retarded children. In September, 1963, Dr. Kirk turned over to the University of Illinois Foundation part of his award, to be given to the Institute in annual increments for his research work.)	

238.	Kraft Paper Assoc., Inc., New York, New York: to the Department of Horticulture for a study of mulching technology with manufactured materials.....	4 500 00
239.	Life Insurance Medical Research Fund, Hartford, Connecticut: to the Department of Physiology and Biophysics for research of muscle biophysics.....	9 900 00
240.	Eli Lilly & Co., Indianapolis, Indiana.....	12 200 00
	To the Department of Animal Science for a study of the effect of a diethylstilbestrol methyltestosterone mixture in the diet upon carcass quality of finishing swine.....	\$ 3 000 00
	To the Department of Animal Science for a study of the influence of certain hormones in the diet of finishing pigs.....	3 200 00
	To the Department of Zoology for research on parasitic helminth immunity and mosquito serology.....	6 000 00
241.	Longwood Foundation, Inc., Wilmington, Delaware: to the Department of Plant Pathology for studies of orchid necrotic petal spot.....	3 000 00
242.	Lumber Dealers Research Council: to the Small Homes Council-Building Research Council to study details of residential stair construction and to develop and systemize methods of stair assembly and prefabrication suitable for utilization in the operation of the retail lumber dealer.....	3 325 00
243.	The Magnavox Corporation, Fort Wayne, Indiana: to the Department of Electrical Engineering for research in analysis and synthesis of musical instrument tones and development of a new electronic musical instrument.....	20 000 00
244.	Malting Barley Improvement Association, Milwaukee, Wisconsin: to the Department of Agronomy for a barley variety testing program.....	345 00
245.	Merck & Co., Inc., Rahway, New Jersey: to the Department of Animal Science for research on growth stimulants for swine.....	500 00
246.	Midwest Agricultural Limestone Institute, Kankakee: to the Department of Agronomy for studies on soil management research.....	500 00
247.	Midwest Universities Consortium.....	14 530 47
	To the Department of Agronomy for the Mississippi Forest Trust Fund in support of forestry research.....	\$ 4 590 47
	To the Department of Agronomy for support of studies undertaken by a faculty member prior to a two-year assignment in India.....	2 040 00
	To the Library for support of studies undertaken by a faculty member prior to an assignment in India.....	7 900 00
248.	Miles Laboratories, Inc., Elkhart, Indiana: to the Department of Food Science for a study of rennin substitutes.....	6 500 00
249.	Mrs. C. Philip Miller, Chicago: for the Mississippi Forest Trust Fund in support of forestry research.....	3 541 68
250.	Monsanto Chemical Company, St. Louis, Missouri: to the Department of Agronomy for herbicide investigations.....	3 000 00
251.	Moorman Manufacturing Co., Quincy: to the Department of Animal Science for studies on the nutritional quality of pig starter rations.....	2 600 00
252.	Morris Animal Foundation: to the Department of Veterinary Pathology and Hygiene for research on canine babesiosis....	3 000 00
253.	National Lime Association, Washington, D.C.: to the Department of Geology for a study by x-ray diffraction and other methods the reactions in the clay mineral and other mineral components of various types of soils when treated with lime for the purpose of stabilization for road surfaces.....	25 216 55

254. National Livestock and Meat Board: to the Department of Food Science for a study of the role of linoleic acid in depression of serum cholesterol.....	8 500 00
255. National Lumber & Building Material Dealers Association: to the Small Homes Council-Building Research Council for studies of the feasibility of the retail lumber dealer entering into the manufacture of mobile homes.....	1 904 00
256. National Orchid Growers Association, Inc., New York, New York: to the Department of Plant Pathology for orchid virus research.....	3 500 00
257. National Roofing Contractors Association, Chicago: to the Small Homes Council-Building Research Council for a study of roofing failures.....	2 700 00
258. National Safety Council, Chicago: to the Department of Health and Safety Education for research on quickness of braking methods.....	1 000 00
259. National Sand and Gravel Association: to the Department of Landscape Architecture for conducting an investigation on site development problems relating to locating, operating, and rehabilitating sand and gravel pit operations, including planning and pre-planning procedures, restoration methods, and determination of appropriate interim or permanent re-use potentials of sites so used.....	9 000 00
260. National Soybean Processors Association, Chicago: to the Department of Agronomy for research on the ecological studies of soybeans.....	3 500 00
261. National Steel Corporation: to the Department of Civil Engineering for evaluation of fatigue behavior of welded joints in N-A-Xtra high-strength steels.....	7 335 00
262. National Warm Air Heating & Air Conditioning Association, Cleveland, Ohio: to the Department of Mechanical and Industrial Engineering for a study of heating, ventilating, and air conditioning as related to warm air furnace heating.....	13 900 00
263. New York Central Railroad Co.: to the Department of Civil Engineering.....	17 275 00
A study of lateral rotative wheel slips.....	\$ 2 775 00
Development of a mathematical model to simulate the operation of cushioned cars in long trains....	14 500 00
264. Northern Illinois Breeding Co-op, Hampshire.....	5 500 00
To the Department of Animal Science for studies of artificial insemination of swine.....	\$ 500 00
To the Department of Dairy Science for artificial breeding research.....	5 000 00
265. Northern Illinois Gas Company: to the Small Homes Council-Building Research Council for studies of the economic value of insulation.....	12 420 00
266. The Norwich Pharmacal Company, Norwich, New York: to the Department of Veterinary Medical Science for studies of endometrial changes.....	5 705 40
267. Olin Mathieson Chemical Corp., East Alton: to the Department of Mechanical and Industrial Engineering for research in mechanical engineering laboratory.....	1 000 00
268. Pennsalt Chemicals Corporation, Aurora: to the Department of Plant Pathology for fruit research.....	500 00
269. Charles Pfizer and Co., New York, New York: to the Department of Animal Science to study and evaluate amino acids, unidentified growth factors, vitamins, and antibiotics in swine	2 000 00
270. Poultry and Egg National Board, Chicago: to the Department of Food Science for cholesterol research.....	20 000 00
271. Refrigeration Research Foundation, Washington, D.C.: to the Department of Mechanical and Industrial Engineering for analytical and experimental studies of the performance of air curtains.....	1 258 80

272. Research Corporation, New York, New York: Frederick Gardner Cottrell research grant-in-aid.....	5 000 00
273. Resources for the Future, Inc., Washington, D.C.: to the Department of Agricultural Economics for a study of economic aspects of the pesticide problem in the United States..	14 752 00
274. Rohm and Haas Co., Philadelphia, Pennsylvania: to the Department of Plant Pathology for research on fungicides.....	1 500 00
275. Shell Chemical Corporation, New York, New York: to the Illinois State Natural History Survey for renewal of studies of chlorinated hydrocarbon compounds as insecticides.....	2 500 00
276. Shell Development Company, Emeryville, California: to the Illinois State Natural History Survey for a study of the ecology and control of insects on truck crops.....	800 00
277. Sinclair Research, Inc.: to the College of Engineering for on-going research by a graduate student.....	250 00
278. Alfred P. Sloan Foundation, Inc., New York, New York....	66 050 00
To the Department of Chemistry and Chemical Engineering for research.....	\$55 355 00
To the Department of Physics for research.....	10 695 00
279. Smith, Kline and French Laboratories, Philadelphia, Pennsylvania: to the Children's Research Center for support of research in child psychopharmacology.....	500 00
280. Socony Mobil Oil Company, Inc., Princeton, New Jersey: to the Department of Chemistry and Chemical Engineering for research in the field of metal coordination complexes.....	4 000 00
281. Soft Phosphate Research Institute, Inc., Ocala, Florida: to the Department of Animal Science for studies on phosphate utilization.....	1 000 00
282. Sonic Research Foundation, Chicago: to the Department of Electrical Engineering for acoustics research.....	2 000 00
283. Special Dairy Industry Board, Washington, D.C.: to the Department of Food Science for a study of the influence of the major fatty acids in milk fat on serum cholesterol levels.....	20 500 00
284. A. E. Staley Manufacturing Co., Decatur: to the Department of Animal Science for research of mineral nutrition of young swine	4 500 00
285. Stauffer Chemical Company: to the Department of Veterinary Pathology and Hygiene for helminthology and prolooyootogy research	1 500 00
286. The Sulphur Institute, Washington, D.C.: to the Department of Agronomy for research of organic sulphur in soils.....	3 500 00
287. Sun Oil Co., Philadelphia, Pennsylvania: to the Department of Agronomy for research with herbicides that include petroleum products for weed control in field crops.....	500 00
288. Tee Pak Foundation, Chicago: to the Department of Food Science for a study on various types of films as retardants to deterioration of meat and meat products.....	4 300 00
289. Union Carbide Corporation: to the Illinois State Natural History Survey for studies on control of insect pests with insecticides on Illinois field, forage, and vegetable crops.....	750 00
290. United Engineering Trustees, Inc.: to the Department of Civil Engineering.....	49 000 00
Study systems design procedures for the planning of construction operations.....	\$15 000 00
An investigation of welding procedure.....	12 000 00
Study of structural joints—riveted and bolted... ..	22 000 00
291. United Nations Educational, Scientific, and Cultural Organization: to the Department of Chemistry and Chemical Engineering for research on serum albumine.....	500 00
292. United States Rubber Company, Naugatuck, Connecticut: to the Department of Horticulture for fruit research.....	500 00
293. University of Arizona, Tucson, Arizona: to the Department of Chemistry and Chemical Engineering for research.....	2 120 98

294.	University of Illinois Foundation.....	6 500 00
	To the Department of Electrical Engineering for antenna research	\$ 3 500 00
	To the Institute for Communications Research for studies of social and political movements.....	3 000 00
295.	University of Michigan: to the Institute of Labor and Industrial Relations for a study of the adjustment by employers, unions, and workers in twenty selected firms to the employment of Negro workers in new jobs.....	3 340 22
296.	Upjohn Co.....	3 000 00
	To the Department of Animal Science for study of techniques using synthetic progesterones to control ovulation in domestic animals.....	\$ 2 000 00
	To the Department of Microbiology for graduate research.....	1 000 00
297.	Various donors: to the Department of Agricultural Economics for a special economic study of forty-three counties in Illinois now being considered for federal order regulation..	2 500 00
	Champaign County Milk Producers.....	\$ 38 75
	Madison Milk Prod. Co-op Dairy.....	252 50
	Prairie Farms Dairy.....	766 75
	Peoria Milk Producers.....	53 50
	Peoria Producers Dairy.....	126 25
	Pure Milk Association.....	660 25
	Sanitary Milk Producers.....	407 75
	Square Deal Milk Producer.....	194 25
298.	Various donors: to the Department of Architecture for a project by graduate students to decide the most effective plan for the construction and improvement of streets in Columbus, Indiana	700 00
	Cummins Engine Foundation.....	\$ 400 00
	Irwin Sweeney-Miller Foundation.....	300 00
299.	Various donors: to the Department of Art for curriculum studies in industrial design.....	1 750 00
	Armco Steel Corporation.....	\$ 1 000 00
	General Motors Corporation.....	750 00
300.	Various donors: to the Department of Architecture for a project in the Graduate Urban Design Studio concentrating on design alternatives for the future of the downtown area as well as the entire community.....	8 000 00
	Jacksonville Growth Organization.....	\$ 3 000 00
	Marion County Metro Planning Commission.....	5 000 00
301.	Various donors: to the Illinois State Natural History Survey for studies of insecticides on Illinois field crops.....	800 00
	Stauffer Chemical Co.....	\$ 500 00
	Woodbury Chemical Co.....	300 00
302.	Various donors: to the Department of Plant Pathology for orchid virus research.....	700 00
	New York Florists' Club, Inc., New York, New York.....	\$ 500 00
	Society of American Florists & Ornamental Horticulturists, Washington, D.C.....	200 00
303.	Velsicol Chemical Corporation, Chicago: to the Department of Zoology for research on the toxicology of insecticides....	3 500 00
304.	VioBin Corporation, Monticello: to the College of Physical Education for studies of the influence of wheat germ oil on physical fitness tests.....	4 800 00
305.	Wenner-Gren Foundation for Anthropological Research: to the Department of Electrical Engineering for anthropological research	750 00
306.	Yale University: to the Department of Psychology for research	6 082 51
		(1 109 357 61)
	<i>Total, Funds for Graduate Fellowships and Research....</i>	<u>\$1 455 049 71</u>

*Funds for Educational, Research, Cultural, and Recreational Purposes
Not Otherwise Classified*

307. American Chemical Society, Washington, D.C.: to the Department of Chemistry and Chemical Engineering, an unrestricted grant	\$ 10 000 00
308. American Cyanamid Company, Wayne, New Jersey: to the Cyanamid Faculty Support Grant in the Department of Chemistry and Chemical Engineering, 1966.....	3 000 00
309. American Library Association, Chicago: to the Department of Secondary and Continuing Education for the Knapp School library project	6 545 00
310. American Mathematical Society: for the <i>Illinois Journal of Mathematics</i>	1 350 00
311. American Psychological Association, Inc.: to the Department of Psychology for the <i>Journal of Experimental Psychology</i>	1 850 00
312. American Society for Microbiology: to the Department of Microbiology to cover expenses in the operation of the editorial office for the <i>Journal of Bacteriology</i>	1 684 00
313. Amsted Industries Foundation: to the Department of Accountancy for special projects.....	250 00
314. Andersen Corporation: to the Small Homes Council-Building Research Council for extension short course purposes.....	880 91
315. The Babcock & Wilcox Company, New York, New York: to the College of Engineering, an unrestricted grant for engineering and technical education, 1966-67.....	3 000 00
316. Bell Telephone Laboratories: to the Department of Electrical Engineering, an unrestricted grant in support of work of Bell trainees in a one-year study program.....	6 000 00
317. Estate of Katherine Hilson Blake: establishment of an endowment fund, the income to be used for scholarships of \$250 to \$300 per year.....	6 140 73
318. Boulder Valley School District: to the College of Education to establish centers in the Far East where high school teachers might study.....	1 800 00
319. California Company, New Orleans, Louisiana: to the Department of Geology, an unrestricted grant.....	500 00
320. Estate of Grace V. Campbell: establishment of an endowment fund, the income to be used for scholarships.....	500 00
321. Campbell Soup Company: to the College of Agriculture, an unrestricted grant	2 500 00
322. Central Illinois Public Service Co.: to the Department of Mechanical and Industrial Engineering for power systems engineering	300 00
323. Chevron Oil Company, The California Company Division, New Orleans, Louisiana.....	1 000 00
To the Department of Geology, an unrestricted grant.....	\$ 500 00
To the Illinois State Natural History Survey, an unrestricted grant	500 00
324. Chicago Bridge and Iron Foundation, Chicago: assistantship in civil engineering.....	7 000 00
325. Commission on Engineering Education, Washington, D.C.: to the College of Engineering for improvement of engineering education.....	50 000 00
326. Discoverer, Inc.: to the Department of Psychology for institutes in integrity therapy and related projects.....	6 000 00
327. The Dow Chemical Company, Midland, Michigan: unrestricted grants	9 500 00
Department of Chemistry and Chemical Engineering.....	\$ 6 000 00
Department of Agronomy.....	3 000 00
Department of Mining, Metallurgy, and Petroleum Engineering	500 00

328.	The Camille and Henry Dreyfus Foundation, Inc., New York, New York: to the Department of Chemistry and Chemical Engineering, an unrestricted grant for use in the areas of physical sciences and engineering.....	10 000 00
329.	The Doris Duke Foundation, New York, New York: to the Center for Russian Language and Area Studies renewal of grant for a five-year period.....	153 426 00
330.	E. I. du Pont de Nemours & Company, Wilmington, Delaware: to the Department of Chemistry and Chemical Engineering, an unrestricted grant.....	1 500 00
331.	Eastman Kodak Company, Rochester, New York..... Renewal of Eastman Kodak Scientific Award in the Departments of Chemistry and Chemical Engineering and Physics for outstanding doctoral students in recognition of unusual achievement or progress either in graduate studies and research or in teaching..... \$ 2 000 00 To the Department of Chemistry and Chemical Engineering, an unrestricted grant.....	11 500 00
332.	Eckert Orchards, Inc., Belleville: to the Department of Plant Pathology for lease of an orchard sprayer.....	526 40
333.	Ernst & Ernst: to the Department of Accountancy to promote accounting excellence.....	1 000 00
334.	Esso Research and Engineering Company, Linden, New Jersey: to the Department of Chemistry and Chemical Engineering to further excellence in its graduate training and research or in its undergraduate teaching.....	3 500 00
335.	Estate of Fanny C. Goodwin: establishment of an endowment fund, the income to be used for scholarships in the Library School.....	5 000 00
336.	The Ford Foundation, New York, New York..... To the Department of General Engineering for a developmental program in engineering design education for a period of three years..... \$120 000 00 To the University Press for support of scholarly publications in the humanities and the social sciences.....	20 000 00
337.	Ford Motor Company, Dearborn, Michigan: to the Department of Mechanical and Industrial Engineering for development of laboratory facilities.....	5 000 00
338.	Foundry Educational Foundation, Cleveland, Ohio: to the Department of Mechanical and Industrial Engineering for attending meetings and events of special interest to the foundry industry and/or for miscellaneous expenditures in connection with the operation of the cast metals program.....	250 00
339.	Gem City Vineland Co., Inc., Nauvoo: to the Department of Plant Pathology for leasing of an orchard sprayer.....	208 34
340.	General Motors Corporation, Delco Radio Division: to the College of Engineering for support of a Visiting Industrial Associate under the Midwest Electronics Research Center Program.....	10 000 00
341.	Highland Park High School: to the Department of Educational Administration and Supervision for an internship at Highland Park High School.....	7 750 00
342.	Humble Oil Education Foundation..... To the Department of Electrical Engineering, an unrestricted grant..... \$ 1 000 00 To the College of Engineering, an unrestricted grant.....	3 500 00
343.	Illinois Archaeological Survey: to the Department of Anthropology for the highway salvage program.....	2 910 41
344.	Illinois Crop Improvement Association, Urbana: to the Department of Agronomy for purchase of equipment.....	699 70

345.	Illinois Federation of Labor and Congress of Industrial Organizations: to the Institute of Labor and Industrial Relations for the Dollar for Education Fund.....	65 00
346.	Illinois Foundation F.F.A., Springfield: to the Department of Vocational Agriculture for the public information project....	3 000 00
347.	Illinois Producers Livestock Association: to Veterinary Medicine Extension for promotion of swine health programs.....	1 500 00
348.	Industrial Publications, Inc.: to the Department of Ceramic Engineering for the C. W. Parmelee Memorial.....	195 00
349.	Inland Steel-Ryerson Foundation, Inc.: to the Department of Architecture, an unrestricted grant.....	1 000 00
350.	Institute of Mathematical Statistics, Stanford, California: to the Department of Mathematics for annals of mathematical statistics.....	2 200 00
351.	International Business Machines Corporation, New York, New York: to the Department of Computer Science, final installment of an unrestricted grant of \$125,000 in the field of electronic computers	50 000 00
352.	Charles F. Kettering Foundation, Dayton, Ohio.....	40 142 00
	For the Charles F. Kettering Visiting Lectureship in Chemistry.....	\$10 000 00
	To the Department of Secondary and Continuing Education for development of a program for the preparation of teachers for schools in disadvantaged areas	30 142 00
353.	Harry J. Loman Foundation: to the Department of Finance to assist students in insurance education defray expenses related to preparation of papers for the senior seminar.....	150 00
354.	Masonite Corporation, St. Charles: to the Department of Art for the industrial design option.....	500 00
355.	The Mead Corporation, Chillicothe, Ohio: unrestricted grants of \$250 each to the Departments of Mechanical and Industrial Engineering and Chemistry and Chemical Engineering.....	500 00
356.	Midwest Universities Consortium.....	70 145 81
	To the College of Veterinary Medicine to pay salary for a faculty member in preparation for a trip to India.....	\$ 4 000 00
	To the College of Agriculture for expenses incurred in writing a history of Uttar Pradesh University, India	7 000 00
	Reimbursement for expenses in operating the Consortium's programs	51 080 81
	Acquisition of library materials on Southeast Asia	1 500 00
	educational planning in Sierra Leone.....	6 565 00
357.	Mueller Company, Decatur: to the Department of Mechanical and Industrial Engineering, an unrestricted grant.....	1 050 00
358.	Music Educators National Conference: to the School of Music for a contemporary music project for the teaching and performance of avant garde music.....	4 000 00
359.	National Federation of Music Clubs: to the School of Music, an unrestricted award for the distinguished record established throughout the academic year for the performance of American contemporary music.....	500 00
360.	National Plant Food Institute: to the College of Agriculture for the National Soybean Symposium, which will be a part of the University Centennial observance.....	2 500 00
361.	National Social Welfare Assembly, Inc.: to the College of Law for reimbursement for expenses incurred in a visit of law students from Venezuela.....	100 00
362.	North Country Library System, Watertown, New York: to the Library Research Center for a survey of library research and reference resources in the north country area of New York State	9 187 50

363. Pan American Petroleum Company: to the Department of Geology, an unrestricted grant.....	300 00
364. Pittsburgh Plate Glass: to the Department of Urban Planning, an unrestricted grant.....	750 00
365. The Producers' Council, Inc., Washington, D.C.: to the Department of Architecture for educational programs.....	1 000 00
366. Radio Corporation of America, Camden, New Jersey: to the Department of Electrical Engineering, an unrestricted grant..	2 000 00
367. Estate of Thomas P. Roberts: thirty-six shares of Pitney-Bowes stock, proceeds from the sale of which to be used for scholarships.....	1 507 71
368. The Rockefeller Institute, New York, New York: to the Department of Chemistry and Chemical Engineering for the <i>Journal of General Physiology</i>	4 200 88
369. Sears Roebuck Foundation: to the Department of Urban Planning, an unrestricted grant.....	1 000 00
370. Mrs. Sundaram Seshu, Urbana: to establish the Sundaram Seshu Endowment Fund, the income to be used for a fellowship in engineering.....	10 800 00
371. Alfred P. Sloan Foundation, Inc.: to the Department of Chemistry and Chemical Engineering for purchase of equipment.....	2 000 00
372. Sperry and Hutchinson: for program of lectures sponsored by the College of Law.....	2 000 00
373. Standard Oil (Indiana) Company: to the Office of Instructional Resources for a special award in recognition of outstanding contributions to undergraduate education and value of projects for the over-all improvement of undergraduate instruction.....	1 000 00
374. Treasurer of the State of Missouri: to the Graduate School of Library Science for consulting services.....	961 00
375. Union Carbide Corporation, Tarrytown, New York: to the Department of Physics, an unrestricted grant.....	5 000 00
376. United Engineering Trustees, Inc.: to the Department of Civil Engineering.....	8 000 00
Assisting in placing the results of many flexural fatigue tests in final form for publication.....	\$ 2 000 00
Expenses involved in the Column Research Council chairmanship.....	6 000 00
377. United States Steel Corporation, New York, New York: to the Department of Architecture, an unrestricted grant.....	20 000 00
378. University of Illinois Foundation.....	12 252 63
Contributions to endowment funds.....	\$ 2 306 34
To the Department of History for a Conference on Chinese Civilization.....	4 321 00
To the Department of Speech and Theatre for teaching aids.....	55 00
To the Department of Physical Education for Men for clinic equipment for physical therapy....	100 00
For the James Webb Young Fund in Advertising	5 470 29
379. U.O.P. Foundation (formerly Universal Oil Products Company Foundation): to the Department of Chemistry and Chemical Engineering, an unrestricted grant.....	500 00
380. The Upjohn Company, Kalamazoo, Michigan: to the Department of Chemistry and Chemical Engineering, an unrestricted grant for spectrophotometer.....	3 000 00
381. Various donors: to the Department of Accountancy for the International Accountancy Center.....	12 002 00
382. Various donors: to the College of Agriculture for urban 4-H club work in the Chicago area.....	9 227 43
383. Various donors: to the College of Agriculture for agricultural communications training.....	3 645 00
Board of Trade, City of Chicago.....	\$ 1 500 00

	Deere & Co.....	300 00	
	Doane Agricultural Service, Inc.....	50 00	
	Farm Journal.....	400 00	
	Gardner Advertising Company.....	200 00	
	Laura Lane.....	20 00	
	Miller Publishing Company.....	50 00	
	Moorman Company Fund.....	300 00	
	National Agricultural Advertising & Marketing Association.....	275 00	
	Jim Roe & Associates, Inc.....	450 00	
	Watt Publishing Co.....	100 00	
384.	Various donors: to the Department of Art for support of a meeting to study establishment of a photographic archive of the city of Chicago.....		800 00
	Graham Foundation for Advanced Studies in the Fine Arts.....	\$ 500 00	
	Illinois Arts Council.....	300 00	
385.	Various donors: for the Isabel Bevier Lectureship in home economics.....		100 00
386.	Various donors: to the Department of Civil Engineering for the Civil Engineering Systems Laboratory.....		6 695 00
	Charles N. Bohren, Inc.....	\$ 105 00	
	Control Data Corporation.....	30 00	
	Felmley-Dickerson Co.....	3 050 00	
	International Business Machines Corp.....	3 000 00	
	W. F. Kuntemeier.....	15 00	
	LeTourneau-Westinghouse Co.....	15 00	
	W. E. O'Neil Construction Co.....	480 00	
387.	Various donors: for the J. W. and Therese Garner Endow- ment Fund, the income to be used for a fellowship in polit- ical science.....		132 69
388.	Various donors: to the Office of Foreign Student Affairs for foreign student activities.....		949 14
	American Friends of the Middle East.....	\$ 264 92	
	Institute of International Education.....	138 69	
	National Association for Foreign Student Affairs.....	20 03	
	National Social Welfare Assembly, Inc.....	40 00	
	Young Men's Christian Association.....	460 50	
	Zeta Phi Eta.....	25 00	
389.	Various donors: for the Junior Engineering Technical Society.....		2 730 00
	American Institute of Industrial Engineering.....	\$ 20 00	
	Chicago Section, American Institute of Chemical Engineering, and Corn Products Company.....	20 00	
	American Institute of Mining, Metallurgy, and Petroleum Engineers.....	20 00	
	American Society of Chemical Engineers.....	20 00	
	American Society for Testing Materials.....	20 00	
	Amphenol Borg Foundation.....	100 00	
	Central Illinois Public Service Co.....	250 00	
	A. B. Dick Co.....	150 00	
	Illinois Society of Professional Engineers.....	940 00	
	State of Illinois Junior Engineering Technical Society.....	120 00	
	Inland Steel-Ryerson Foundation, Inc.....	250 00	
	Joliet Engineers.....	160 00	
	Johnny Robertson.....	80 00	
	Semiconductor Specialists, Inc.....	20 00	
	Society of American Military Engineers.....	20 00	
	Soil Testing Services, Inc.....	20 00	
	Standard Oil Foundation, Inc.....	500 00	
	Western Society of Engineers.....	20 00	
390.	Various donors: for the Kappa Tau Alpha Endowment Fund.....		363 00
	Anonymous.....	\$ 10 00	
	R. L. Kringer.....	10 00	

A. Haen, M. Prichard, C. Bellatti.....	50 00	
University of Illinois Foundation.....	63 00	
Courier Publishing Co.....	25 00	
Mildred Spencer.....	10 00	
Mary Campbell.....	25 00	
Carl W. Bocklund.....	10 00	
Paul McMichael.....	25 00	
E. Ann Jarvis.....	15 00	
Kathryn G. Hansen.....	10 00	
Shirley W. Land.....	10 00	
William Randolph Hearst Foundation.....	100 00	
391. Various donors: for the La Napoule Project in the Department of Architecture.....		1 200 00
E. Todd Wheeler.....	\$ 200 00	
Daniel J. Nacht.....	300 00	
Eugene Wasserman.....	200 00	
Smith-Entzroter, Inc.....	200 00	
Walter Scholer.....	300 00	
392. Various donors: to the Department of Mechanical and Industrial Engineering for the Air Conditioning and Refrigeration Fund.....		2 800 00
Carrier Corporation.....	\$ 500 00	
Modine Manufacturing Company.....	500 00	
Sporlan Valve Company.....	500 00	
Swift & Co.....	500 00	
The Thane Company.....	400 00	
Universal American Charitable Foundation.....	400 00	
393. Various donors: for the Sundaram Seshu Endowment Fund, the income to be used for a fellowship in engineering.....		805 00
394. Various donors: to University High School for the University of Illinois Committee on School Mathematics Summer Institute.....		1 265 00
395. Wenner-Gren Foundation for Anthropological Research: to the Department of Anthropology for aid in purchasing a tape recorder.....		1 200 00
396. Estate of Guy Zears: to the Library, an unrestricted grant..		728 00
<i>Total, Funds for Educational, Research, Cultural, and Recreational Purposes Not Otherwise Classified.....</i>		<i>\$ 787 221 28</i>

Educational Grants Fund

The Board of Trustees has established this fund and has authorized the President to make assignments from it for nonrecurring educational purposes. The income is grants from foundations, business and industrial corporations to the University in recognition of the educational costs involved in accepting fellowships and scholarships, and of the service expense in administration of research grants. Contributions deposited in this fund were received from:

397. The Alcoa Foundation, Pittsburgh, Pennsylvania.....	\$ 500 00
398. Armco Foundation.....	100 00
399. The Budd Company Foundation, Inc., Philadelphia, Pennsylvania.....	875 00
400. Caterpillar Tractor Co., Peoria.....	500 00
401. Commonwealth Fund.....	1 000 00
402. Carle E. Conway Scholarship Foundation, New York, New York.....	525 00
403. International Business Machines Corporation, Armonk, New York.....	500 00
404. Natural Gas Pipeline Co. of America, Chicago.....	1 000 00
405. Owens-Illinois Glass Company, Toledo, Ohio.....	1 275 00
406. The Rockefeller Foundation, New York, New York.....	9 000 00
407. A. O. Smith Company.....	100 00
408. Standard Oil (Indiana) Foundation, Inc., Chicago.....	7 000 00
409. Underwriters Laboratories, Inc., Chicago.....	1 200 00
410. Union Carbide Educational Fund, New York, New York.....	1 000 00

411. Hiram Walker-Gooderham & Worts Limited, Walkerville, Ontario, Canada.....	350 00
412. Western Electric Co., Inc., New York, New York.....	450 00
The following contributions were received from sponsors of National Merit Scholarships in recognition of National Merit Scholars enrolled at the University of Illinois but were unrestricted and have been deposited in the Educational Grants Fund:	
413. ACF Foundation, Inc., New York, New York.....	100 00
414. The Glidden Company, Cleveland, Ohio.....	100 00
415. The Halco Foundation, Chicago.....	100 00
416. National Distillers & Chemical Corp., New York, New York.....	400 00
417. National Merit Scholarship Corporation, Evanston.....	1 075 00
418. The 1907 Foundation, Inc., New York, New York.....	100 00
419. Northern Illinois Gas Co., Aurora.....	100 00
420. Pittsburgh Plate Glass Foundation, Pittsburgh, Pennsylvania.....	200 00
421. Shell Companies Foundation, Inc., New York, New York.....	200 00
422. Swift & Company Foundation, Chicago.....	100 00
423. Western Electric Company, Inc., New York, New York.....	100 00
<i>Total, Educational Grants Fund.....</i>	<i>\$ 27 950 00</i>
<i>Contributions from County Farm and Home Bureaus</i>	
424. To the Cooperative Extension Service in Agriculture and Home Economics for partial payment of salaries and operating expenses of farm and home advisers.....	\$1 176 700 72
<i>Total, Contributions from County Farm and Home Bureaus.....</i>	<i>\$1 176 700 72</i>
<i>Gifts for Educational and Research Buildings and for Other Facilities</i>	
425. Mr. and Mrs. Herman C. Krannert, Indianapolis, Indiana....	\$1 098 000 00
Krannert Center for the Performing Arts.....	\$882 000 00
Ellnora Krannert Art Objects.....	216 000 00
426. Ethel Burnsides, Paris, Illinois: for Burnsides Research Laboratory (partial payment of total gift of \$250,000).....	25 015 50
427. Hartz Mountain Products Co., Inc.: Veterinary Medical Research Building.....	2 500 00
428. University of Illinois Alumni Association: for Mailing Center equipment.....	6 666 00
429. University of Illinois Foundation.....	105 826 65
For Mailing Center equipment.....	\$ 6 666 00
For Student Rehabilitation-Education Center (this total is included in IV. Gifts to the University of Illinois Foundation).....	99 160 65
<i>Total, Gifts for Educational and Research Buildings and for Other Facilities.....</i>	<i>\$1 238 008 15</i>
<i>Federal Grants for Buildings and Other Facilities, Urbana-Champaign and Chicago</i>	
430. Atomic Energy Commission, equipment.....	\$ 2 150 00
431. Department of Health, Education and Welfare, educational television facilities.....	300 000 00
432. National Science Foundation.....	690 980 47
Equipment.....	\$255 880 47
Geology facilities remodeling.....	37 400 00
Optical telescope.....	285 200 00
Psychology Laboratory building.....	112 500 00
433. Veterans Administration, Medical Center Steam Plant.....	10 659 49
<i>Total, Grants.....</i>	<i>\$1 003 789 96</i>
Add additional payments received on prior year's grant funds.....	2 671 816 53
<i>Total, Federal Grants for Buildings and Other Facilities, Urbana-Champaign and Chicago.....</i>	<i>\$3 675 606 49</i>

United States Government Grants and Research Contracts, Urbana-Champaign and Chicago

434. Advanced Research Projects Agency.....	\$	31	611	52
435. Agency for International Development.....	1	917	905	64
436. Air Force.....	2	978	244	96
437. Army Institute.....		2	402	95
438. Army Medical Corps.....	1	595	470	99
439. Army Research Office.....		389	365	40
440. Army Surgeon General.....		197	364	37
441. Atomic Energy Commission.....	5	724	509	42
442. Bureau of Public Roads.....		9	549	95
443. Children's Bureau.....		126	503	65
444. Department of Agriculture.....		69	930	39
445. Department of the Army.....		135	459	72
446. Department of Commerce.....		27	181	00
447. Department of the Interior.....		397	796	27
448. Department of Labor.....		131	380	00
449. Federal Housing Authority.....			236	31
450. Fifth Army.....		1	728	02
451. Home Finance Agency.....		121	529	41
452. National Aeronautics and Space Administration.....	1	813	125	66
453. National Defense Education Act.....		230	000	00
454. National Science Foundation.....	6	496	611	68
455. Naval Electronics Laboratory.....		51	386	35
456. Naval Office of Weapons.....		38	231	46
457. Navy Bureau of Ships.....		182	315	48
458. Navy Bureau of Yards and Docks.....		46	886	51
459. Naval Supply Center.....		23	040	00
460. Office of Economic Opportunity.....		61	513	00
461. Office of Education.....	2	794	383	94
462. Office of Civil Defense.....		61	035	50
463. Office of Naval Research.....		848	309	68
464. Office of Vocational Rehabilitation.....		303	052	79
465. Peace Corps.....			8	93
466. Public Health Service.....	11	941	419	45
467. Tennessee Valley Authority.....		15	750	00
468. Vocational Rehabilitation Administration.....		36	708	79
<i>Total Grants</i>		\$38	801	949 19
Less allocated grant funds not received as of June 30, 1966....			—4	015 112 02
<i>Total, United States Government Grants and Research Contracts, Urbana-Champaign and Chicago</i>		\$34	786	837 17

Research and Public Service Contracts with State of Illinois Agencies, Urbana-Champaign and Chicago

469. State Board of Economic Development.....	\$	100	000	00
470. State Board of Higher Education.....		5	192	25
471. State Department of Agriculture.....		49	873	80
472. State Department of Conservation.....		140	583	19
473. State Department of Mental Health.....		304	323	78
474. State Department of Public Health.....		68	088	18
475. State Department of Public Safety.....		77	818	04
476. State Department of Public Works and Buildings, Division of Highways.....		308	944	91
477. State Library.....		178	301	08
478. State Office of Vocational Education.....		32	629	83
479. State Racing Board.....		98	000	00
480. State Superintendent of Public Instruction.....		362	684	76
<i>Total Grants</i>		\$	1 726	439 82
Less allocated grant funds not received as of June 30, 1966....			—1	262 55
<i>Total, Research and Public Service Contracts with State of Illinois Agencies, Urbana-Champaign and Chicago</i> \$		1 725	177	27

Miscellaneous Gifts of Books, Equipment, and Works of Art

481. Automobile Manufacturers Association: to the Department of Civil Engineering, four projectors; estimated value.....\$	3 050 00
482. Blitz Body Corporation, Chicago: to the Division of Rehabilitation-Education Services, a bus; estimated value.....	28 300 00
483. Clark Equipment Company, Buchanan, Michigan: to the Department of Civil Engineering, hydraulic cylinders; estimated value.....	1 500 00
484. George Frost, Long Island, New York: to the College of Education, shop tools; estimated value.....	1 513 00
485. Indiana General Corporation, Chicago: to the Department of Computer Science, sixteen-bit memory unit; estimated value..	3 000 00
486. Kistler Instrument Company: to the Department of Civil Engineering, shock meter and accelerometers; estimated value...	1 490 00
487. Henry A. Pettey Supply Company, Paducah, Kentucky: to the Physical Plant Department, sheet steel; estimated value.....	1 300 00
488. Shell Oil Company, Wood River: to the Electron Microscope Laboratory, electron microscope; estimated value.....	10 000 00
489. Sperry Rand Corporation, New York, New York: to the Institute of Aviation, an airplane; estimated value.....	20 000 00
490. Three M Company, St. Paul, Minnesota: to the College of Education, office machines; estimated value.....	2 000 00
491. Zenith Radio Corporation, Chicago: to the Department of Electrical Engineering, parametric amplifiers; estimated value	14 000 00

For the Krannert Art Museum

492. Mr. Max Abramovitz, New York, New York: paintings, "Head of a Girl," and "Leyre"; estimated value.....	10 500 00
493. Mr. George Bickford, Cleveland, Ohio: paintings, "Lady Going to Her Lover," and "Krishna and a Lady"; estimated value	2 250 00
494. Mrs. Katherine Trees Livezey, Chicago: five Chinese jades; estimated value.....	13 450 00
495. Mr. Nahum Tschachasov, New York, New York: painting, "Homo Sapiens"; estimated value.....	1 500 00
496. University of Illinois Foundation: sculpture, "Stele Stone," and paintings, "St. Catherine of Alexandria" and "Achilles Depositing Body"; estimated value.....	247 000 00

Total, Miscellaneous Gifts of Books, Equipment, and Works of Art.....\$ 360 853 00

Grand Total, Colleges and Schools at Urbana-Champaign.\$46 328 859 56

University of Illinois at the Medical Center, Chicago*Scholarships, Prizes, and Other Financial Aids*

497. American Foundation for Pharmaceutical Education: scholarship in pharmacy.....\$	600 00
498. Dr. Theodore Benell: for the Theodore Benell Scholarship Fund in the College of Medicine.....	100 00
499. Miss Bert Berkelhamer: for the Dr. Ralph C. Berkelhamer Scholarship.....	100 00
500. Chicago Retail Druggist Association: scholarship in pharmacy.....	300 00
501. Warren H. Cole Society: scholarship for a freshman student in medicine.....	500 00
502. John W. Dargavel Foundation: scholarship for a third-, fourth-, or fifth-year student in pharmaceutical education...	200 00
503. Gazzolo Drug and Chemical Company: scholarship in pharmacy.....	300 00
504. Goldenrod Ice Cream Company: scholarships in pharmacy..	200 00
505. Humiston Keeling and Company: scholarships in pharmacy..	200 00
506. Ladies Auxiliary of Chicago Retail Druggists Association: scholarships in pharmacy.....	300 00

507. John and Mary R. Markle Scholar Foundation: scholarship in medical sciences.....	6 000 00
508. McKesson & Robbins, Inc.: scholarship in pharmacy.....	300 00
509. Osco Drugs, Inc.: scholarships in pharmacy.....	1 000 00
510. Pfizer Laboratories: scholarship in medicine.....	1 000 00
511. Phi Delta Epsilon: scholarship in medicine.....	250 00
512. Student American Medical Association: scholarship in medicine.....	150 00
513. Various donors: for the I. D. Harvey Scholarship in Pharmacy I. D. Harvey.....	300 00
Abbott Laboratories, on behalf of I. D. Harvey..	\$ 200 00
100 00	
514. Walgreen Benefit Fund: for the Charles R. Walgreen, Jr. Scholarship.....	300 00
515. Various donors: to the College of Pharmacy for the Myron Goldsmith Memorial Scholarship Fund.....	5 422 78
516. Women's Auxiliary of the Chicago Colleges: scholarships (\$250 each) in medicine, nursing, and pharmacy.....	750 00
517. Women's Organization of the Chicago Retail Druggists Association: two scholarships in pharmacy.....	600 00
	(18 872 78)
518. Dr. Hubert Catchpole: to the College of Medicine for the Stuart Meyers Memorial Award Fund for an award for a meritorious medical student research paper.....	25 00
519. International Colleges of Dentistry: for long-term loan funds	300 00
520. Mrs. B. A. Riedemann: for the William Saphir Medical Students' Loan Fund.....	10 00
521. Various donors: for the Bernstein Loan Fund.....	500 50
522. Various donors: for the George W. Merck Loan Fund.....	1 000 00
523. Various donors: establishment of a loan fund for students in dentistry, in memory of the late Nell Snow Talbot.....	5 370 00
	(7 180 50)
<i>Total, Scholarships, Prizes, and Other Financial Aids...\$</i>	26 078 28

Funds for Fellowships and Research

524. Lederle Laboratories: for medical student research fellowships.....	\$ 1 400 00
525. Tobacco Industry Research Committee: fellowship.....	600 00
526. United Cerebral Palsy Research and Educational Foundation, Inc.: clinical fellowship in pedodontics.....	720 00
527. University of Illinois Foundation: for the Ruettinger Fellowship.....	1 750 00
528. Various donors: for the Louis A. Cohen Dental Student Research Fellowship.....	1 360 00
529. William and Mary Young Charitable Trust: postgraduate and graduate fellowships for teacher trainees in the College of Dentistry.....	4 370 00
	(10 200 00)
530. Abbott Laboratories.....	8 992 00
To the Department of Chemistry for studies of the synthesis of analogs of pharmacologically-active compounds.....	\$ 100 00
To the Department of Pharmacology, College of Medicine, for a study of hemorrhagic shock.....	3 192 00
To the Department of Pharmacology, College of Medicine, for a study of drug pharmacology.....	500 00
To the Department of Surgery, Division of Anesthesiology, for an evaluation of tetrafluoroethane	5 200 00
531. American Cancer Society.....	112 894 00
To the College of Medicine for study of:	
The mechanism of regulation of the haematologic stem cell compartment.....	\$13 127 00
Metabolism of glycoproteins.....	9 916 00

An immunological study of viruses associated with mammary tumorigenicity in mice in C ₃ H tentype..	9 459 00	
Induction of resistance to isologous transplanted, induced, and spontaneous tumors.....	6 541 00	
Analysis of radiation-induced survival patterns of sarcoma cells	10 314 00	
The regulatory mechanisms controlling bacterial sporogenesis	4 781 00	
Molecular and genetic basis of phenotypic resistance to bacterial virus infection.....	10 108 00	
Intramitochondrial location of B-hydroxybutyrate dehydrogenase	18 648 00	
Institutional Research Grants.....	30 000 00	
532. American Heart Association.....		15 545 00
To the Department of Pharmacology for a study of nitrogen metabolism in the functioning myocardium	\$12 045 00	
To the College of Medicine for research in medical education	3 500 00	
533. American Medical Association Education and Research Foundation: to the College of Medicine for research in medical education		44 869 50
534. Asthmatic Children's Aid: to the Department of Medicine for studies of simple chemicals which can induce bronchial asthma	6 300 00	
535. Mrs. Fremont A. Chandler: to the Department of Orthopaedic Surgery for studies of the treatment of osteomyelitis..	300 00	
536. Chesbrough-Ponds, Inc.: to the Department of Pediatrics for study of sustained-release aspirin in children.....	4 200 00	
537. Chicago Heart Association: to the Department of Pharmacology for force-velocity studies in the intact heart.....	11 000 00	
538. Commonwealth Fund: to the College of Medicine for support of the Center for the Study of Medical Education (this is the second payment of a total grant of \$290,460).....	99 943 00	
539. Council for Tobacco Research: to the Department of Oral Pathology for a study of oral cytology of smokers and non-smokers	9 767 50	
540. Deerfield Area United Fund: to the Department of Surgery for cancer research.....	469 00	
541. E. I. du Pont de Nemours & Company: to the Department of Medicine for a study of antiviral chemotherapy.....	8 097 00	
542. Eureka United Fund: to the Department of Surgery for heart research.....	315 00	
543. Geigy Pharmaceutical Company: to the Department of Medicine for studies on hygroton.....	5 000 00	
544. Illinois Federation of Women's Clubs: to the Department of Surgery for cancer research.....	1 200 00	
545. Indian Creek Township Community Fund: to the Department of Surgery for cancer research.....	200 00	
546. International Business Machines Corporation: to the Department of Research in Medical Education for studies of computer simulation	9 000 00	
547. Lederle Laboratories: to the Department of Medicine for a study of infectious diseases and related fields.....	9 000 00	
548. Leukemia Research Foundation, Inc.....	29 719 00	
To the Department of Biological Chemistry:		
Study of phosphonic acid analogs of nucleoside phosphates	\$ 9 332 00	
Study of preparation of potential anti-leukemia agent.....	9 612 00	
To the Department of Pathology for study of fibrinogen and platelet relationships in the normal and diseased state.....	3 240 00	

	To the Department of Pediatrics for study of intravascular clotting in the pathogenesis of leukemic bleeding.....	7 535 00	
549.	Lloyd Brothers: to the Department of Medicine for a search for long-acting antithyroid compounds.....		6 000 00
550.	Dr. E. W. Maynert Research Program: to the Department of Pharmacology for research.....		474 58
551.	Mead Johnson and Company: to the Department of Surgery for studies of the effect of lysostaphin on experimentally produced operative wound infection.....		1 776 00
552.	Merck Sharp & Dohme Research Laboratories.....		21 600 00
	To the Department of Medicine for studies of various anti-aldosterone agents and other diuretics \$	5 400 00	
	To the Department of Preventive Medicine for studies of MK-605 and clinical pharmacology....	11 200 00	
	To the Department of Medicine for research....	5 000 00	
553.	Midwest Universities Consortium: to the College of Medicine for research on the epidemiology and endemiology of the enteric infection in Chiangmai by a faculty member in Thailand.....		1 000 00
554.	National Association for Mental Health, Inc.: to the Department of Psychiatry for a study of Rorschach responses and the problem of orientation to reality.....		1 628 00
555.	The National Foundation.....		51 081 00
	To the Department of Medicine for study of:		
	Lung function in heritable disorders of connective tissue.....	\$ 6 974 00	
	Meiotic abnormalities in mammals, including human beings, using biopsy material and current chromosome techniques.....	11 738 00	
	Development of rate limiting enzymes in carbohydrate metabolism in liver.....	32 369 00	
556.	Orthopaedic Research and Education Foundation.....		5 877 50
	To the Department of Anatomy for the study of the effect of adjustable D.C. voltage on in vitro epiphyseal cartilage growth.....	\$ 487 50	
	To the Department of Orthopaedic Surgery for the study of private practitioners orthopaedic diagnostic registry.....	5 390 00	
557.	Parke, Davis & Company: to the Department of Pediatrics for a study of the effects of phenylalanine on chloromphenicol		10 814 50
558.	Roanoke Area United Fund: for cancer research.....		641 25
559.	Sandoz Pharmaceuticals.....		14 000 00
	To the Department of Medicine for a study of chemical mediators.....	\$ 6 000 00	
	To the Department of Pharmacology for studies of neuropharmacology.....	8 000 00	
560.	Schering Corporation: to the Department of Dermatology for a study of the influence of steroid combinations on induced allergic inflammation.....		2 400 00
561.	G. D. Searle Company: to the Department of Medicine for a study of clinical pharmacology of spiro lactones.....		12 000 00
562.	Society for Applied Spectroscopy: to the Department of Chemistry for research in spectroscopy.....		300 00
563.	E. R. Squibb & Sons: to the Department of Radiology for a study of higher dose I.V. urography-renografin-60.....		300 00
564.	United Cerebral Palsy Research & Educational Foundation, Inc.: to the Department of Anatomy for study of the immunochemical characteristics of nervous tissue.....		8 705 00
565.	University of Illinois Foundation: for support of the medical research program.....		28 539 53
566.	Various donors: to the Department of Dermatology for the		

Verne Perryman Dermatological Fund for research in dermatology	7 707 82
567. Various donors: for the Otolaryngology Fund for research and development	7 085 00
568. Various donors: to the Department of Surgery for the Ira M. Pink Fund for medical research.....	50 00
Dr. and Mrs. A. Field, in memory of David N. Grosberg	\$ 25 00
Mrs. Richard Levin.....	25 00
569. Warner Lambert Research Institute Grant: to the Department of Medicine for studies of the therapeutic effect of oxolinic acid in urinary tract infections.....	3 959 00
570. Wyeth Laboratories: to the Department of Pharmacology for research.....	2 500 00
	(565 250 18)
<i>Total, Funds for Fellowships and Research.....</i>	<i>\$ 575 450 18</i>

Funds for Educational and Research Programs

571. Abbott Laboratories: to the Department of Pharmacology for graduate education	\$ 1 500 00
572. American Fund for Dental Education: to the College of Dentistry to support a Second Conference Workshop for Directors of Teacher Education programs held in June, 1966	6 000 00
573. Robert Bryski: to the Division of Services for Crippled Children for the Cleft Palate Gift Fund.....	50 00
574. Samuel Higby Camp Foundation: to the Department of Orthopaedic Surgery for expenses of a visiting professor.....	1 500 00
575. Chicago Community Trust: to the Library of Medical Sciences for the William Allen Pusey Fund for purchase of dermatological books and periodicals.....	1 000 00
576. Chicago Dental Society, through the Fund for Dental Health Education: to the Illustration Studios for an exhibit at community health fairs in the Chicago Metropolitan area.....	1 000 00
577. E. J. du Pont de Nemours Co., Inc.: to the Department of Medicine, an unrestricted grant.....	18 000 00
578. John D. Hayes: to the College of Dentistry for the Moorehead Memorial Fund for research library books.....	50 00
579. Arthur Horton: to the Department of Orthopaedic Surgery for the Chandler Research Fund for a memorial guest lecturer	500 00
580. Illinois Chapter of the Arthritis and Rheumatism Foundation: to the Department of Medicine for support of a clinic.....	1 000 00
581. Lederle Laboratories: to the Department of Medicine for a faculty award.....	25 354 00
582. Mary Lloyd: for the Somatoprostheses fund.....	4 00
583. John and Mary R. Markle Scholar Foundation: to the Department of Surgery for a faculty award.....	6 000 00
584. Mead Johnson and Company: to the Department of Pediatrics for remodeling of research laboratory.....	2 250 00
585. Menard County United Fund: to the Department of Preventive Medicine to promote special training of personnel.....	600 00
586. Midwest Universities Consortium: to the College of Medicine to assist in publication of an article, "Malnutrition in Northern Thailand," in the <i>American Journal of Medicine</i>	131 00
587. National Foundation, Cook County Chapter: to the Research and Educational Hospitals, salary of a staff member.....	3 500 00
588. National Fund for Medical Education, Inc.: to the College of Medicine, an instructional grant.....	37 380 00
589. Nursing Faculty: for miscellaneous expenses connected with the new Nursing Building.....	100 00
590. Physicians and Dentists Foundation: to the Research and Educational Hospitals for unusual patient expenses.....	651 46
591. A. H. Robins & Company: to the Department of Medicine, an unrestricted grant.....	1 200 00

592. University of Chicago: to the University of Illinois Neuro-psychiatric Institute for the salary of a faculty member providing field instruction to University of Chicago graduate social work students.....	10 238 33
593. Upjohn Company: for the Department of Microbiology Library for purchase of books and periodicals.....	3 000 00
594. Various donors: to the School of Associated Medical Sciences for the Occupational Therapy Gift Fund.....	195 00
595. Various donors: to the Department of Orthopaedic Surgery for the Amputee Clinic Fund.....	45 00
596. Various donors: to the Department of Orthopaedic Surgery for the Orthopaedic Gift Fund.....	1 420 35
597. Various donors: to the Research and Educational Hospitals for the Patient Drug Fund.....	300 00
598. Various donors: to the College of Dentistry for teacher education.....	1 050 00
599. Various donors: to the Division of Services for Crippled Children Gift Fund.....	523 39
600. Various donors: to the Department of Orthopaedic Surgery for the Muscular Dystrophy Gift Fund.....	1 740 00
601. Various donors: to the College of Medicine for the Edmund F. Foley Professorship of Medicine Fund.....	17 003 00
602. Various donors: for the Edmund F. Foley Supplementary Fund to defray costs of raising funds for the endowment fund.....	160 00
603. Various donors: for the Al R. Langerman Memorial in pharmacy.....	4 600 00
604. Various donors: to the Medical Research Laboratory for the Leukemia-Asparaginase project.....	235 00
605. Various donors: to the Department of Surgery for the George J. M. Slawikowski Fund.....	915 00
606. Various donors: for the Isaac Schour Memorial Fund in the College of Dentistry.....	8 505 00
607. Various donors: to the Department of Medicine.....	2 912 10
608. Various donors: to the Department of Surgery.....	4 308 56
609. Various donors: for the Patient Gift Fund—Helen W. Dunn.....	661 10
610. Various donors: for the Pediatrics Gift Fund.....	2 087 50
611. Various donors: to the Institute for Tuberculosis Research..	2 598 27
612. Various donors: to the Department of Orthodontics.....	1 830 00
613. Various donors: to the Department of Oral and Maxillofacial Surgery.....	450 00
614. Various donors: to the Department of Psychiatry.....	300 00
615. Various donors: to the Department of Physical Medicine and Rehabilitation.....	205 02
616. Various donors: to the Library of Medical Sciences.....	25 00
617. Various donors: to the College of Medicine.....	726 92
618. Various donors: to the Division of Services for Crippled Children.....	58 571 52
<i>Total, Funds for Educational and Research Programs...\$</i>	232 376 52

Gifts of Equipment and Library Materials

619. Abbott Laboratories: to the Research and Educational Hospitals Pharmacy, a microvoid 11CB hood; estimated value...\$	750 00
620. A. S. Aloe Co., St. Louis, Missouri: to the Department of Biological Chemistry	
Three cart-laboratories (\$30.00 each); estimated value.....	90 00
2000 watt hot plate; estimated value.....	25 00
Cast aluminum water-bath; estimated value.....	103 60
A pyromagnetic stirrer-king; estimated value.....	35 00
621. American Association of Orthodontics: to the Department of Orthodontics, a sunchronizer slide; estimated value.....	44 88

622.	Bostich Central, Inc., Chicago: to the Department of Psychiatry, an automatic electric stapler; estimated value.....	20 00
623.	Class of 1966, University of Illinois: to the Department of Orthodontics, a 35MM projector; estimated value.....	102 00
624.	The DeVilbiss Company: to the Division of Anesthesiology, Research and Educational Hospitals, an ultrasonic nebulizer; estimated value	600 00
625.	J. B. Electronic Transformers, Inc.: to the Pediatric Out-patient Clinic, a music system; estimated value.....	700 00
626.	Dr. Joseph W. Krystosek: to the Research and Educational Hospitals, an EKG machine; estimated value.....	200 00
627.	Puritan Compressed Gas Corporation, Chicago: to the Division of Anesthesiology, a Bennett anesthesia ventilator; estimated value.....	945 00
628.	Squibb Pharmaceutical Company: to the College of Medicine, an oil painting of the Courtyard outside the Library; estimated value.....	1 500 00
629.	Supreme Steel Equipment Corporation: to the Business Office, a conserva-wood cabinet; estimated value.....	125 00
630.	Swiss Benevolent Society, Chicago: to the Research and Educational Hospitals, a wheelchair; estimated value.....	80 00
	<i>Total, Gifts of Equipment and Library Materials.....</i>	<i>\$ 5 320 48</i>
	<i>Grand Total, Medical Center.....</i>	<i>\$ 839 225 46</i>

University of Illinois at Chicago Circle

631.	American Chemical Society: for studies of chromic acid oxidation.....	\$ 8 083 00
632.	American Society for Metals: for education of metallurgy students	100 00
633.	Architects Club: for long-term loan funds.....	2 000 00
634.	Bodine Electric Company.....	2 000 00
	Scholarships in engineering.....	\$ 1 200 00
	Undergraduate projects in engineering.....	800 00
635.	Carnegie Corporation of New York: for support of a graduate program in philosophy.....	80 000 00
636.	Family of Morris Epstein: to the Chancellor's Office in memory of Mr. Epstein.....	10 00
637.	Foundry Educational Foundation, Cleveland, Ohio: to promote education of students interested in foundry industry....	250 00
638.	Grainger Charitable Trust: to the College of Engineering... Undergraduate award in engineering.....	\$ 100 00
	Award for outstanding teaching.....	1 000 00
	Newsletter	1 500 00
	Colloquia.....	2 000 00
	Programs for high school students.....	600 00
	Special fund for undergraduate ventures.....	600 00
639.	Smith, Kline & French Foundation: for programs in biomedical engineering	5 000 00
640.	Standard Oil Foundation, Inc.: for undergraduate instructional awards	2 000 00
641.	University of Illinois Foundation: from the United Student Aid Fund.....	1 000 00
642.	Various donors: to the Jane Addams Graduate School of Social Work.....	620 36
643.	Various donors: for short-term loan funds.....	101 00
644.	Various donors: for the Harry W. Pearce Memorial.....	563 00
645.	Milton Yusem, Chicago: for student assistant for histamine project.....	50 00
646.	Zonta Club: for student aid.....	322 00
	<i>Grand Total, Chicago Circle.....</i>	<i>\$ 107 899 36</i>

Gifts to the University of Illinois Foundation

647. Envelope Fund Projects (formerly Illini Achievement Fund).\$	302 763 53
648. Other Gifts for Current Purposes (including \$177,029.57 for grants-in-aid.....)	210 452 02
649. Loan Funds	25 153 63
650. Endowment Funds	647 972 64
651. Funds for Physical Plant Purposes.....	674 907 96
<i>Total, Gifts to the University of Illinois Foundation.....</i>	<i>\$ 1 861 249 78</i>
<i>Grand Total</i>	<i>\$49 137 234 16</i>

Summary

Funds from Private Donors

To the University

For Urbana-Champaign	\$ 5 386 237 63
For Chicago Colleges and Divisions.....	947 124 82
	(6 333 362 45)

To the University of Illinois Foundation..... 1 861 249 78

Total..... *\$ 8 194 612 23*

Funds from United States Government

For Urbana-Champaign (including \$755,001 from National Defense Education Act for student loan program for all campuses)

For Chicago Colleges and Divisions..... \$32 750 819 62

Total..... *\$39 217 444 66*

Funds from Contracts with State of Illinois Agencies

For Urbana-Champaign

For Chicago Colleges and Divisions..... \$ 1 407 841 96

Total *\$ 1 725 177 27*

Grand Total *\$49 137 234 16*

This report was received for record.

PURCHASES

(28) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller.

The list of purchases recommended for Board approval was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds.....	\$139 662 64
From Institutional Funds.....	812 806 46
<i>Grand Total</i>	<i>\$952 469 10</i>

A complete list of the purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy has been filed with the Secretary of the Board for record.

On motion of Mr. Johnston, the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(29) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary of the Board.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(30) The Comptroller's report of contracts executed during the period December 1 to 31, 1966.

New Contracts		
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Carus Chemical Company, Inc.	Effect of permanganate treatment on sand filters	\$ 4 000 00
The Detroit Edison Company	Development of probes for the measurement of (a) pulverized fuel flow and (b) particle concentration in stack gas	40 200 00
Johns-Manville Products Corporation	Removal of iron from groundwater supplies in Illinois	3 000 00
National Aeronautics and Space Administration NGR 14-005-097	Ion mass spectra in the ionospheric E region	39 153 00
State of Illinois Department of Business and Economic Development	Research reviews and short courses	49 668 00
	Technical services to Illinois wood-using industry	10 100 00
	Computer-based management for contractors	42 550 00
United States Air Force AF-AFOSR-7-67	Computational principles in complex intelligent systems	97 120 00
United States Army DA-ARO-D-31-124-G872	Moisture induced slow crack extension in high strength steels	25 000 00
	DA-ARO-D-31-124-G873	Response of materials to impact	24 905 00
United States Department of Health, Education, and Welfare OEG3-6-062336-2081 PH-43-67-45 PH-108-66-192	Training in micro-precision and watch-making skills	179 274 00
	Medical education project	45 533 00
	School smoking education project	49 785 00
	Forecasting manpower requirements on the basis of historical data	13 048 00
<i>Total</i>		<u>\$623 336 00</u>
Contract Changes		
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Association of Iron and Steel Engineers	Shelling of crane wheels	\$ 15 263 00
Moorman Manufacturing Company	Nutritional quality of pig starter rations	2 600 00
National Aeronautics and Space Administration NSG-511	Investigation of the D and E regions of the ionosphere	261 421 00
United States Air Force AF19(628)-3819	Matrix representations of boundary value problem solutions	22 000 00
United States Army DA-44-009-AMC-1338(X) DA-49-193-MD-2323 DA-49-193-MD-2410	Mono versus stereo analytical photogrammetry	29 950 00
	Manual of viruses and nonbacterial agents causing respiratory illnesses in man	5 836 00
	Transmission of upper respiratory infections to volunteers under controlled conditions	57 380 00
United States Atomic Energy Commission AT(11-1)-1195 AT(11-1)-1198 AT(11-1)-1469	Elementary particle interactions in the high energy regions	100 000 00
	Understanding the nature of materials, predominantly solids	270 000 00
	Computer science investigations	549 280 00
United States Department of Health, Education, and Welfare OE 5-85-041 OEG-3-6-062336-2081	Vocationally oriented educational program for disadvantaged families in depressed rural areas	40 000 00
	Training in micro-precision and watch-making skills	8 279 00
United States Navy Nonr-1834(29) Nonr-1834(37) Nonr-3985(09)	Techniques and instrumentation for measuring acoustic attenuation	6 000 00
	Mechanism of anti-body formation in the pig	20 985 00
	Engineering properties of deep sea sediments	43 000 00
<i>Total</i>		<u>\$1 431 994 00</u>

Contract Change Orders			<i>Amount to be Paid by the University</i>
<i>With Whom</i>	<i>Purpose</i>		
Dean Evans Company	Cost-plus contract — general	Coordinated Science Laboratory	\$ 7 800 00
Fries Walters Company	Cost-plus contract — electrical	Research and Educational Hospitals, Chicago	4 640 00
Kuhne-Simmons Co., Inc.	General	East Chemistry Building	2 851 00
The Nu-Way Contracting Company	Cost-plus contract — general	Computer Space — Medical Sciences Addition	5 999 00
Reliable Plumbing & Heating Company	Cost-plus contract — heating and ventilating	Coordinated Science Laboratory	6 000 00
<i>Total</i>			<u>\$27 290 00</u>

Summary

Amount to be paid to the University.....	\$2 055 330 00
Amount to be paid by the University.....	27 290 00

This report was received for record.

INVESTMENT REPORT Report of the Finance Committee

(31) The Finance Committee reported the following changes in investments of endowment funds for the month of November, 1966:

Pool

Sale

220 shares Continental Illinois National Bank common stock.....	\$ 8 360 00
287 shares First National Bank of Chicago common stock.....	16 072 00
964 shares Gulf States Utilities common stock.....	24 131 21
1 020 shares Merck and Company common stock.....	75 968 52
154 shares Union Oil Company of California preferred stock.....	11 387 27

Purchase

500 shares AMP common stock.....	23 586 90
1 000 shares Bobbie Brooks common stock.....	24 523 55
400 shares Consolidated Foods common stock.....	16 658 52
500 shares First National City Bank of New York common stock..	27 375 00
500 shares Jewel Company common stock.....	15 860 95
300 shares Monsanto Company common stock.....	12 870 75
600 shares Pepsi Company common stock.....	40 749 48
200 shares Pfizer Company common stock.....	12 990 90
1 000 shares Royal Dutch Petroleum common stock.....	39 259 40
1 000 shares Shulton common stock.....	25 880 31

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of November, 1966:

Construction Funds

CHICAGO CIRCLE UNION (Chicago Circle)

Purchase

\$21 000 U.S. Treasury bills due 4/20/67.....	\$ 20 467 13
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DENTISTRY-MEDICINE-PHARMACY AUXILIARY (Medical Center)

Purchase

\$ 20 000 U.S. Treasury bills due 12/1/66.....	19 915 00
40 000 U.S. Treasury bills due 12/15/66.....	39 763 89
100 000 U.S. Treasury bills due 4/21/67.....	97 281 08
200 000 U.S. Treasury bills due 6/22/67.....	192 564 44

FLORIDA AVENUE RESIDENCE HALLS

Purchase

\$210 000 U.S. Treasury bills due 12/15/66.....	209 443 00
175 000 U.S. Treasury bills due 1/12/67.....	173 736 11
150 000 U.S. Treasury bills due 3/16/67.....	147 455 63
130 000 U.S. Treasury bills due 4/13/67.....	127 221 83

GRADUATE HOUSING

Sale

\$20 000 U.S. Treasury bills due 12/29/66.....	\$ 19 908 00
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Purchase

\$44 000 U.S. Treasury bills due 12/29/66.....	43 814 22
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UNION AND RESIDENCE HALL (Medical Center)

Sale

\$140 000 U.S. Treasury bills due 10/27/66.....	139 711 44
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137 000 U.S. Treasury bills due 1/5/67.....	136 021 97
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430 000 U.S. Treasury bills due 2/16/67.....	423 253 30
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Sinking Fund

REVENUE BONDS OF 1952

Purchase

\$4 000 U.S. Treasury 2½ per cent bonds due 3/15/71.....	3 655 00
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This report was received for record.

**EMERGENCY REPAIRS TO ELECTRICAL SYSTEM
AT CHICAGO CIRCLE CAMPUS**

(32) An electrical failure which lasted approximately two hours occurred at 2:00 a.m., December 17, 1966, at the Chicago Circle campus. The failure apparently occurred adjacent to a splice in one of the main feeder cables located in a manhole adjacent to Phase II construction, and which appears to have shifted toward the excavation. The load on this cable was switched to the standby feeder cable, also located in the manhole.

In order to restore permanent service with a minimum delay, emergency action was authorized and the Gust K. Newberg Construction Co., Chicago, was requested to make the necessary repairs on the basis of costs plus 15 per cent on work incurred by his forces and 5 per cent for work by subcontractors, with the understanding that the cost of the corrective work will be assessed to the responsible parties upon completion of the investigation.

The corrective work which may cost in the neighborhood of \$20,000 is in process and will be completed about February 1, 1967.

In the interim, further investigative work is in process to determine accurately the cause and the responsibility for the cable failure.

This report is submitted for confirmation of the above action.

On motion of Mr. Swain, this action was confirmed, as requested, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Jones, Governor Kerner.

At this point, President Henry presented the following report and the Executive Vice-President and Provost replied to questions concerning it.

EMPLOYMENT OF WOMEN, UNIVERSITY OF ILLINOIS, 1966-67

(33) During the November meeting of the Board of Trustees of the University of Illinois, a question was raised in regard to the number of women employed by the University.

The following tables summarize the number and per cent of academic and nonacademic staff separately by sex and campus. In each table the total University figures are also shown, fractional percentages have been dropped.

Table 1 shows the full-time equivalent number and per cent of academic staff by rank, campus, and total. The percentage figures shown within each rank are not cumulative. Positions under the column labelled "other academic" include lecturers, assistant librarians, and in the case of the Urbana-Champaign campus, farm and home advisers.

The per cent of women is generally lower at the full professorship and higher at the "other academic" level. The latter category includes home advisers and librarians. The figure for women in the categories of assistant and instructor are

Table I. Total Full-Time Equivalent Academic Staff by Rank, Sex, and Campus

<i>Campus</i>	<i>Professor</i>		<i>Associate Professor</i>		<i>Assistant Professor</i>		<i>Instructor</i>		<i>Assistant</i>		<i>Other Academic</i>		<i>Total Academic</i>	
	<i>Num-ber</i>	<i>Per Cent</i>	<i>Num-ber</i>	<i>Per Cent</i>	<i>Num-ber</i>	<i>Per Cent</i>	<i>Num-ber</i>	<i>Per Cent</i>	<i>Num-ber</i>	<i>Per Cent</i>	<i>Num-ber</i>	<i>Per Cent</i>	<i>Num-ber</i>	<i>Per Cent</i>
<i>Urbana</i>														
Male	851	97	445	89	600	84	526	77	1426	75	361	65	4209	81
Female	25	03	54	11	115	16	155	23	468	25	197	35	1014	19
<i>Total</i>	876		499		715		681		1894		558		5223	
<i>Medical Center</i>														
Male	131	92	103	78	161	76	153	66	174	77	26	63	748	76
Female	11	08	29	21	49	23	79	34	52	23	14	35	234	24
<i>Total</i>	142		132		210		232		226		40		982	
<i>Chicago Circle</i>														
Male	113	90	107	81	188	82	152	63	63	57	30	78	653	75
Female	12	10	25	19	40	18	89	37	45	42	07	19	218	25
<i>Total</i>	125		132		228		241		108		37		871	
<i>Total University</i>														
Male	1095	96	655	86	949	82	831	72	1663	75	417	66	5610	79
Female	48	04	108	14	204	18	323	28	565	25	218	34	1466	21
<i>Total</i>	1143		763		1153		1154		2228		635		7076	

also relatively higher than those appearing in the upper ranks. All of the assistants and many of the instructors are studying for advanced degrees.

The figures for the full-time equivalent nonacademic staff are shown in Table II, for each campus and the total University.

**Table II. Total Full-Time Equivalent Nonacademic Staff
by Sex and Campus**

<i>Campus</i>	<i>Total Nonacademic</i>	
	<i>Number</i>	<i>Per Cent</i>
<i>Urbana</i>		
Male.....	2 559	50
Female.....	2 539	50
<i>Total</i>	5 098	
<i>Medical Center</i>		
Male.....	677	28
Female.....	1 723	72
<i>Total</i>	2 400	
<i>Chicago Circle</i>		
Male.....	472	49
Female.....	492	51
<i>Total</i>	964	
<i>Total University</i>		
Male.....	3 708	44
Female.....	4 754	56
<i>Total</i>	8 462	

About half of the nonacademic staff at Chicago Circle and Urbana-Champaign are women. The per cent of females on the staff at the Medical Center is substantially higher and is accounted for by nurses and laboratory technicians.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations; leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was approved by the President of the University. C = College; S = Station; E = Extension.)

Chicago Circle

- WILLIAM M. ALPERN, Staff Physician and Instructor, in Health Science, Health Service, $\frac{1}{2}$ time, October 15, 1966-August 31, 1967, \$7,400 a year (11-17-66).
- ARTHUR J. BILEK, Associate Professor of Criminal Justice and Director of Curriculum in the Administration of Criminal Justice, one year from January 1, 1967, \$15,000, supersedes (11-29-66).
- CHARLES B. GENTHER, Lecturer in Architecture, academic year 1966-67, \$10,500 (11-11-66).
- MRS. EDITH GOLD, Instructor in English, winter and spring quarters 1966-67, \$8,400 a year, supersedes (11-11-66).
- MANUEL GOLDMAN, Assistant Professor of Biological Sciences, winter and spring quarters 1966-67, \$11,500 a year, supersedes (11-30-66).
- HERBERT W. HABERLAND, Instructor in Sociology, academic year 1966-67, \$6,525 (11-17-66).
- GERARD J. MIKOL, Research Associate in Chemistry, eleven months from October 1, 1966, \$7,000 (11-30-66).
- YURI IKE NAKATA, Assistant Reference Librarian, with rank of Instructor, in the Library, ten months from November 1, 1966, \$7,000 a year (11-18-66).
- HERBERT ROSING, Instructor in Chemistry, $\frac{1}{2}$ time, academic year 1966-67, \$3,000 (11-29-66).
- WARREN A. RUBY, JR., Instructor in Mathematics, $\frac{1}{2}$ time, fall quarter 1966-67, \$1,150 (11-17-66).

- MRS. DIANE E. SMITH, Instructor in English, winter and spring quarters 1966-67, \$6,200 a year, supersedes (11-11-66).
 JOSEPH F. TERDIMAN, Lecturer in Bioengineering, Department of Information Engineering, academic year 1966-67, without salary (9-8-66).
 MRS. BETTY B. VANDERKOOI, Assistant to the Dean of Students, $\frac{4}{5}$ time, eight months from November 1, 1966, \$4,622.16 (12-7-66).

Medical Center

- GETHSEMANE D. ARTIAGA, Physician in the Health Service, and Instructor in Medicine, College of Medicine, November 21, 1966-August 31, 1967, \$13,500 a year, supersedes (12-15-66).
 ALLEN D. BAGDADE, Instructor in Pedodontics, College of Dentistry, $\frac{1}{2}$ time, ten months from November 1, 1966, \$4,500 a year, supersedes (11-8-66).
 SALVADOR BARROCAS, Instructor in Medicine, College of Medicine, $\frac{1}{2}$ time, December 7, 1966-August 31, 1967, \$5,000 a year (11-18-66).
 ELWINA A. BEJNAROWICZ, Instructor in Pharmacognosy, Department of Pharmacognosy and Pharmacology, College of Pharmacy, academic year basis, effective November 1, 1966, \$6,300 a year (11-1-66).
 MRS. ANA MARQUINEZ-CASTELLANOS, Clinical Assistant Professor of Psychiatry, College of Medicine, $\frac{1}{4}$ time, ten months from November 1, 1966, \$3,000 a year (11-18-66).
 GERALD R. GLAUB, Associate Director of Alumni Affairs, $\frac{1}{2}$ time, and Editor of Medical Center News, $\frac{1}{2}$ time, nine months from December 1, 1966, \$11,000 a year, supersedes (11-29-66).
 SHIRLEY A. LUKENS, Instructor in Occupational Therapy, School of Associated Medical Sciences, College of Medicine, ten months from November 1, 1966, \$8,000 a year (11-30-66).
 M. JEANNE MADIGAN, Instructor in Occupational Therapy, School of Associated Medical Sciences, College of Medicine, eight months from January 1, 1967, \$7,500 a year (12-15-66).
 KENRAD E. NELSON, Assistant Professor of Preventive Medicine and Community Health, College of Medicine, $\frac{3}{10}$ time, one year from September 1, 1966, \$4,000 (9-24-66).
 ROBERT PARSHALL, Instructor in Medical and Dental Illustration, academic year service basis, effective December 1, 1966, \$6,600 a year, supersedes (11-18-66).
 ABOO SHOEB, Research Associate in Chemistry, College of Pharmacy, October 16, 1966-August 31, 1967, \$7,000 a year (11-11-66).
 MRS. CAROLYN B. SILK, Instructor in Nursing, academic year service basis, effective January 3, 1967, \$7,000 a year (12-7-66).
 PENNY E. SIMONS, Hospital Pharmacy Intern, College of Pharmacy, October 24, 1966-August 31, 1967, \$6,000 a year (11-17-66).
 RICHARD S. WEBB, Assistant Professor of Surgery and Senior Associate in Continuing Education Sect.—ORME, College of Medicine, eight months from January 1, 1967, \$15,750 a year (11-3-66).
 MASASHI YAMAGUCHI, Research Associate in Psychiatry, College of Medicine, eight months from January 1, 1967, \$7,500 a year (11-17-66).

Urbana

- HOWARD B. AARON, Research Associate in Metallurgical Engineering (C), October 18-November 30, 1966, \$9,000 a year (11-23-66).
 MRS. FOROUGH Z. M. ARCHER, Research Associate in the Institute of Communications Research and in Psychology, for five months from September 1, 1966, \$8,000 a year, supersedes (11-3-66).
 SHELOMO I. BEN-ABRAHAM, Research Associate in Metallurgical Engineering (C), February 15-August 31, 1967, \$9,000 a year (11-17-66).
 GORAN BREDBERG, Visiting Research Associate in Electrical Engineering (C), three months from November 1, 1966, without salary (11-18-66).
 WILBUR D. BUDEMMEIER, Chief of Party and Adviser in Administration, J. Nehru Agricultural University, Jabalpur, M. P., India, November 10, 1966-December 31, 1967, \$20,850 a year (12-6-66).
 JANA CERNA, Research Associate in Plant Pathology (S), November 10, 1966-August 31, 1967, \$6,600 a year (11-30-66).

- STANLEY R. CROUCH, Instructor in Chemistry, Semester II 1966-67, \$4,000 (12-19-66).
- LEROY H. FORD, JR., Visiting Associate Professor of Psychology, $\frac{1}{3}$ time, February 1-June 15, 1967, \$2,000 (11-18-66).
- GLEN E. GAIDES, Assistant Professor of Physical Science, in the Division of General Studies, and Assistant Professor of Secondary and Continuing Education, academic year 1966-67, \$9,500, supersedes (11-11-66).
- ROBERT H. GRAY, Research Associate in Botany, for seven months from November 1, 1966, \$7,200 a year (12-7-66).
- MRS. WILMA R. GULSTAD, Serials Cataloger, with rank of Instructor, in the Library, $\frac{2}{3}$ time, November 7, 1966-August 31, 1967, \$4,667 a year, supersedes (11-17-66).
- JACK R. HARLAN, Adviser on Research for service at the J. Nehru Agricultural University, M. P., India, under Agency for International Development Contract nesa-149, November 15, 1966-February 28, 1967, \$22,000 a year; and Professor of Plant Genetics, Department of Agronomy, Agricultural Experiment Station, indefinite tenure from March 1, 1967, \$20,000 a year, supersedes (10-11-66).
- ERIK P. HARRIS, Research Associate in Physics (C), November 16, 1966-August 31, 1967, \$8,500 a year (12-1-66).
- DONALD K. HEIL, Research Associate in the Office of Instructional Resources, one year from September 1, 1966, \$6,000 (8-19-66).
- FRANK H. HIELSCHER, Research Associate in Electrical Engineering (C), Semester I 1966-67, \$4,700, supersedes (11-18-66).
- MRS. HEATHER W. HORNIK, Assistant Specialist in Education, in Elementary Education, four months from October 1, 1966, academic year service basis, \$2,400 (11-23-66).
- MRS. DOROTHY A. LITHERLAND, Associate Dean of the College of Commerce and Business Administration and Professor of Accountancy, September 1, 1966, through February 14, 1967, \$21,200 a year; and Semester II 1966-67, \$9,500—status on a recurring and full-time basis: Professor of Accountancy, indefinite tenure, academic year service basis, \$19,000 a year, from Semester II 1966-67, supersedes (11-11-66).
- WRITESMAN LONG, Visiting Lecturer in Business Education, College of Commerce and Business Administration, $\frac{1}{2}$ time, February 1-June 15, 1967, \$1,575 (11-17-66).
- LEON LUKASZEWICZ, Visiting Professor of Computer Science, Graduate College, November 1, 1966-June 15, 1967, \$12,500, supersedes (11-16-66).
- KENNETH R. MANGAN, Research Associate in the Institute for Research on Exceptional Children, College of Education, academic year 1966-67, without salary (9-15-66).
- JURAJ MEDANIC, Research Associate in the Coordinated Science Laboratory (C), December 16, 1966-August 31, 1967, \$9,200 a year (11-18-66).
- ADOLPHE E. MEYER, Visiting Professor of History of Education, College of Education, February 1-June 15, 1967, \$7,500 (11-23-66).
- BRUNO NETTL, Associate Professor of Music and of Anthropology, indefinite tenure, academic year basis, effective November 1, 1966, \$11,100 a year, supersedes (11-18-66).
- MEIHAN NONOYAMA, Research Associate in Microbiology, October 15, 1966-August 31, 1967, \$7,000 a year (11-11-66).
- RAFAEL PANZONE, Research Associate in Mathematics, January 1-June 15, 1967, \$3,300 (12-19-66).
- EDWIN I. PILCHARD, Assistant Professor of Veterinary Pathology and Hygiene and of Zoonoses Research, College of Veterinary Medicine, eight months from January 1, 1967, \$14,600 a year, supersedes (12-19-66).
- MRS. TATIANA RADZIMOVSKY, Assistant Specialist in the Curriculum Laboratory, College of Education, $\frac{1}{4}$ time, academic year effective November 1, 1966, \$1,125 (12-14-66).
- BETTY I. ROOTS, Visiting Scientist in Physiology and Biophysics, six months from November 1, 1966, \$4,000 (11-1-66).
- SIDNEY ROSEN, Professor of Physical Science, Division of General Studies, and Professor of Secondary and Continuing Education, indefinite tenure, academic year basis, effective September 1, 1966, \$13,000 a year, supersedes (11-11-66).

- BALDEV BEHARI LAL SAXENA, Research Associate in the Radiocarbon Laboratory, Graduate College, December 6, 1966-August 31, 1967, \$5,303.23 (12-16-66).
- JOHN SCOUFFAS, Assistant Dean of Students, nine months from December 1, 1966, \$9,100 a year, supersedes his nonacademic appointment (12-7-66).
- MRS. EDITH M. SHIMKIN, Associate in the Center for Russian Language and Area Studies, one year from September 1, 1966, without salary (10-4-66).
- VAIDOTAS J. SIMAITIS, Research Engineer in Physics (C), ten months from November 1, 1966, \$9,000 a year, supersedes his nonacademic appointment (11-11-66).
- FRANK W. SOLLO, JR., Research Associate in the State Water Survey and in the Graduate College, $\frac{4}{100}$ time, eight months from November 1, 1966, \$7,875 per year, supersedes (11-11-66).
- THOMAS S. SUTTON, Executive Director, Council of United States Universities for Rural Development in India (Office of International Programs), $\frac{3}{4}$ time, October 20, 1966-August 31, 1967, \$18,000 a year (11-11-66).
- ANSON E. THOMPSON, Professor of Plant Genetics, Department of Horticulture (C and S), indefinite tenure from December 1, 1966, \$16,800 a year, supersedes (12-12-66).
- MRS. MARGARET D. UROFF, Instructor in Verbal Communication, Division of General Studies, $\frac{2}{3}$ time, Semester II 1966-67, \$1,800 (12-7-66).
- HOWARD L. WAKELAND, Associate Dean of the College of Engineering, ten months from November 1, 1966, \$16,500 a year, and Associate Professor of Agricultural Engineering, College of Agriculture, indefinite tenure from November 1, 1966, without salary, supersedes (11-18-66).
- NOEL B. ZABRISKIE, Instructor in the Bureau of Business Management, College of Commerce and Business Administration, nine months from December 1, 1966, \$5,400 (11-17-66).

RESIGNATIONS

Chicago Circle

- ROBERT B. BANKS, Dean of the College of Engineering and Professor of Fluid Mechanics, Department of Energy Engineering—resignation effective January 1, 1967.
- ARMOR J. FAIR, Instructor in Management—resignation effective September 1, 1967.
- JOHN C. HADDER, Assistant Professor of Biological Sciences—resignation effective September 1, 1966.
- ROBERT E. MACHOL, Professor of Systems Engineering—resignation effective January 1, 1967.
- MRS. CAROLINE C. SISKIND, Instructor in English—resignation effective January 1, 1967.

Medical Center

- DOROTHY T. HRUBY, Assistant Professor of Occupational Therapy, College of Medicine—resignation effective January 1, 1967.
- GEORGIANA JAGIELLO, Assistant Professor of Medicine, College of Medicine—resignation effective September 21, 1966.
- MRS. MARIE T. KING, Assistant Professor of Nursing, College of Nursing—resignation effective January 1, 1967.
- GJALT K. VAN DER HEM, Research Assistant Professor of Medicine, College of Medicine—resignation effective December 5, 1966.
- MRS. CAROL P. WELLS, Staff Pharmacist, College of Pharmacy—resignation effective December 13, 1966.

Urbana

- KENNETH J. BREEDING, Instructor in Electrical Engineering—resignation effective March 1, 1967.
- MRS. JOANNE C. BUNGE, Microanalyst in Chemistry—resignation effective December 12, 1966.
- JOHN J. FEIGHT, Assistant Extension Editor with rank of Assistant Professor of Agriculture—resignation effective January 1, 1967.
- RONALD H. F. HUNTER, Research Associate in Animal Science—resignation effective January 1, 1967.

- PANCE KIRKOV, Visiting Lecturer in Chemistry — resignation effective February 1, 1967.
- DOUGLAS R. MILLS, Professor of Physical Education for Men — resignation effective September 1, 1967.
- NETI R. MURTY, Research Associate in Botany — resignation effective January 1, 1967.
- ROBERT O. NESHEIM, Professor of Animal Science and Head of the Department — resignation effective February 1, 1967.
- WILFRED C. SCHUEMANN, Research Associate in the Coordinated Science Laboratory — resignation effective December 10, 1966.
- MRS. ANNE P. STREET, Instructor in Mathematics — resignation effective March 1, 1967.
- NORMAN STREET, Professor of Mining Engineering, Department of Mining, Metallurgy, and Petroleum Engineering — resignation effective February 1, 1967.
- ANNE E. TRASK, Assistant Professor of History and Philosophy of Education, Bureau of Educational Research — resignation effective September 1, 1966.
- EDWARD M. WALLO, Research Associate in Theoretical and Applied Mechanics — resignation effective January 21, 1967.
- FRANJO M. ZADO, Research Associate in Chemistry — resignation effective January 7, 1967.

LEAVES OF ABSENCE

Chicago Circle

- CLARENCE H. GILLET, Professor of Management — leave of absence, without pay, for three months from January 1, 1967, for health reasons.
- WILLIAM D. JACKSON, Professor of Electrical Engineering, Department of Energy Engineering — leave of absence, without pay, for three months from October 1, 1966, so that he may complete his research work at the University of Berlin.
- ARTHUR D. PICKETT, Professor of Biological Sciences and Director of the Honors Programs — leave of absence, without pay, for the winter quarter of 1967, and administrative leave, with pay, for the spring quarter of 1967.

Urbana

- EMER E. BROADBENT, Professor of Livestock Marketing, Department of Agricultural Economics, College of Agriculture and Agricultural Experiment Station — leave of absence, without pay, from November 28, 1966, and continuing through January 6, 1967, at the request of the Food and Agricultural Organization of the United Nations, so that he may assist the Jordan governmental authorities in an evaluation of their livestock and meat marketing organization and advise them on a layout, organization, and operation of a new livestock marketing system for Jordan.
- ALAN H. JACOBS, Assistant Professor of Anthropology — leave of absence, without pay, for the academic year 1967-68, so that he may do field research in Kenya, East Africa.
- DOUGLAS R. MILLS, Professor of Physical Education for Men, College of Physical Education — leave of absence, with pay, for nine months from December 1, 1966.
- MRS. ELISABETH H. SCHILLINGER, Editor of Engineering Publications, Engineering Experiment Station — leave of absence, without pay, from November 15, 1966, through January 31, 1967.

REPORTS AND RECOMMENDATIONS FROM THE PRESIDENT OF THE BOARD

ILLINOIS BOARD OF HIGHER EDUCATION

The President of the Board reported in some detail on the actions of the Board of Higher Education at a meeting on January 11, 1967, concerning the request for operating funds for 1967-69. The following are his extemporaneous remarks concerning the actions and the status of the institutional relations of the Board of Higher Education.

I would like to report to the Board today what happened at the meeting of the State Board of Higher Education yesterday relating to the University's request for its biennial operating budget for 1967-69.

The current biennial budget is approximately \$214 million, and the request for increases submitted to the State Board totaled approximately \$67 million.

As you know, the requests from the various governing boards go to the staff of the State Board for examination, comment, and recommendations before submission for approval by the State Board. The institution's only opportunity to discuss changes recommended by its own staff and Board with the State Board occurs at the same time the State Board makes its decision on the proposed budget.

I have to report to you in all honesty that in some areas of the University of Illinois budget there was bitter disappointment to all of us. There were certain items not approved in the budget which I thought were fully justified and fully documented. I think the fact that they were not approved over the recommendations of the staff of the State Board, after our staff people had made fully adequate responses to these recommendations, indicates in part, at least, that some of the procedures being followed are not actually in the best interests of the State.

Since the establishment of the State Board, we have been very cooperative and have leaned over backwards, in effect, to work with the State Board. But, I think we have reached a point where we have to say that the University now can not condone certain procedures vitally affecting the future of the University and higher education in this State.

I point specifically to the lack of communication that often exists between members of the State Board and its staff, as well as between its staff and the individual institutions or systems. I refer specifically to the University of Illinois, with which I am most familiar.

I believe further that members of the State Board are handicapped in decision-making by the lack of a full opportunity for discussion and deliberation related to presentations of our position as a governing board and even presentations of the staff to the State Board.

To be more specific, yesterday the meeting was opened by the chairman with a statement which in effect indicated that he would look adversely upon and greatly disapprove any variations which the Board might make from staff recommendations on the operational budgets.

Since a major part of the purpose of the meeting yesterday was to listen to and to consider the presentations of the state universities in response to recommendations made by the State Board staff, I viewed this as a restriction which greatly reduced the value of yesterday's meeting. This view was shared by a number of other board members with whom I spoke, both institutional representatives and "public" members of the State Board. Presentations by the universities deserve more consideration than was given to the points at issue between the institutions and the staff.

I think the request for additional funds for Research and Education Hospitals at the Medical Center is a case in point. The request was for something over a million dollars for increased operational costs, largely as a "catch up," but also for improvements in services. The record is clear that the hospitals have been falling behind because of significant increases in the costs of operations. Sources I consider authoritative indicate that the increase in hospital costs in the Chicago area this year will be approximately 20 per cent.

The overriding facts in my mind on this point were the statements made by our own staff that more than the amount requested would be recovered in income from operations of the hospitals through Medicare and Medicaid and by improved services of the hospitals.

The request would not, in effect, cost the State any real dollars for the investment of these funds, yet I could not even raise a second for my motion in this meeting to approve the increase over the recommendation of the Board Staff.

I think, as I said yesterday, one of the great dangers in a Board of this kind is that there is a tendency to move toward uniformity in dealing with various interests of the State. It is much easier to give everyone comparable amounts than it is to make distinctions based on institutional differences and eminence.

This, I think, was a factor that came into consideration when the subject of salary increases for the University of Illinois faculties was discussed. We had asked for an additional sum beyond the Board formula, on the grounds that we have been comparing ourselves with a group of other nationally known institutions with which we compete for faculty, and that without additional funds we would not be moving forward and possibly would be falling behind. Our goal has been to reach a mid-point in salary levels with these comparable universities, and we have

not been able to do that. In these days of high competition for staff and personnel this kind of consideration is extremely important.

I think we shall have to give careful consideration as a Board to the question of whether we wish to accept the State Board decisions, especially in areas where we think our position is unassailable. I am not suggesting that we attempt to override the State Board decisions, but I am going to refer the matter to the Finance Committee of this Board for study and recommendation as to what our position is to be.

I think, in conclusion, that we have seen the Executive Director of the State Board of Higher Education rise to the position of being the most powerful figure in higher education in the state of Illinois.

Perhaps this is inevitable in this kind of an arrangement. But, I say that when you shift power to the point that a single individual has control over higher education in the State, then that power should be exercised with extreme discretion and care and should have the checks and balances of an effective and knowledgeable board with whom that individual works. I do not by any means expect full agreement with these statements but I do expect full and fair consideration be given institutions in Board meetings, and that items of such significance to the future welfare of the Research and Education Hospitals, as an example, receive a full and fair hearing.

Underlying the present problem is the question of whether the State Board should attempt to establish a total figure into which biennial expenditures must be fitted, or whether the Board should first outline the needs of the State and its systems of higher education.

I have the feeling that the former has been done in an indirect way, that there has been an assumption on the part of the State Board, and probably by its chairman, that there is a certain dollar figure that should be met as far as the total budget of the State system is concerned.

I believe yesterday's State Board activity was directed to keeping within such a total figure. If this is the way it is going to be, the principles should be stated openly, and the State Board should inform the institutions that this is the ground rule under which we are operating. I think that the institutions should know what kind of arrangement is being contemplated, because to do so indirectly by having the staff of the State Board in its recommendations meet such a figure can lead to serious abuses.

It really is a question of dollars vs. needs and planning. I do not think you can set aside a figure before a careful analysis of needs has been made—that is, or to first say that our statewide needs are \$600 million and we shall have to fit all our planning within this \$600 million.

I do not mean to overlook the serious problem of additional need which has been occasioned by including the junior colleges in State Board considerations, which never has been a consideration before in the State of Illinois system.

We are close to a \$58 million increase in the University's budget over the last biennium and it now totals approximately \$272 millions. For this, we are extremely grateful, and we recognize that the Legislature has given us good cooperation and support in the past.

However, I think we should pay attention to the procedures which are currently being followed and the implications they have regarding the integrity of actions of this University of Illinois Board. As I said, I have referred the matter to the Finance Committee and I assume we will have a report, possibly by the next Board meeting.

FUTURE BOARD MEETINGS

President Clement announced that the next three meetings of the Board are scheduled for: February 9, 1967, at Chicago Circle (the place of the meeting having been changed from the Medical Center to Chicago Circle); March 14, 1967 (annual meeting), in Urbana; April 13, 1967, at the Medical Center in Chicago.

REPORT OF THE COMMITTEE ON BUILDINGS AND GROUNDS

Mr. Pogue, for the Committee on Buildings and Grounds, presented the following report:

At the December 8, 1966, meeting of the Board of Trustees, Mr. Irving Dilliard suggested that the building now housing the College of Law be named for former Governor Adlai E. Stevenson. The President of the Board referred this question to the Committee on Buildings and Grounds.

The Committee has heard reports from the President of the University and the Dean of the College of Law concerning the reactions of the faculty and alumni to Mr. Dilliard's suggestion. The Committee has discussed the suggestion at some length and now makes the following report of its actions: (1) that the present name of the building, "Law Building," be unchanged (this action of the Committee was approved by a vote of four to two); (2) that the Committee will explore the concept of seeking an appropriate means of memorializing Mr. Stevenson at some location or in some way on the Urbana campus (this was approved unanimously).

EARL W. PORTER
Clerk

HAROLD POGUE, *Chairman*
IRVING DILLIARD
EARL M. HUGHES
WAYNE A. JOHNSTON
TIMOTHY W. SWALN
KENNEY E. WILLIAMSON

GUESTS OF THE BOARD

President Clement announced that a group of undergraduate student leaders had been invited to be guests of the Board at this meeting and at luncheon.

RECESS AND EXECUTIVE SESSION

President Clement stated that an executive session had been requested and was being ordered for consideration of business relating to patentable inventions and acquisition of property.

On motion of Mr. Williamson, the Board recessed.

When the Board reconvened in executive session, the same members, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes except Mr. Page who asked to be excused.

The Board considered the following report and recommendation from the President of the University.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(34) The University Patent Committee, with the concurrence of the Chairman of the University Research Board, submits the following reports and recommendations relating to patentable inventions by members of the staff.

1. Energy receiver or transmitter — Will J. Worley, Professor of Theoretical and Applied Mechanics, inventor. The device consists of two parts, a reflector and a collector or a transmitting source. The combination may be used to receive energy originating at a remote location or it may be used to transmit energy to a remote location. The energy may be electromagnetic, heat or sound energy. The novelty of the device lies in the geometric shapes of the reflector and the collector or transmitter.

The Committee was advised that the inventor has requested a grant from the National Science Foundation to do further work on the idea and that commercial possibilities are quite remote. It is recommended that the rights of the University be assigned to the inventor.

2. On-line computer device for input of manual symbolics — Richard M. Brown, Professor of Electrical Engineering and Research Professor of Physics in the Coordinated Science Laboratory, inventor; developed under a contract with the Department of the Army. This is an input device for a digital computer which, along with a computer program, makes possible the recognition of a wide range of symbolic characters which are manually traced or printed at the time of use. The essential difference between this technique and other character recognition schemes lies in the introduction of stroke information and tracing sequence information as well as the customary tracing position information.

The Committee concluded there was little or no commercial value in this invention and recommends that the University assign its rights to the sponsoring agency.

3. Stored-sign borrow-save subtractor—James E. Robertson, Research Professor of Electrical Engineering and in the Department of Computer Science, inventor. This is a design which permits new procedures in subtraction and addition and reduces the storage requirements in computer operation. The technical description follows: A borrow-save subtractor forms the difference $d = x - y$, where x is the minuend and y is the subtrahend, in such a way that no borrow propagation occurs. The difference and the minuend are three valued (1, 0, -1), and the subtrahend is in conventional two valued (0, 1) form. If the two binary digits necessary to represent d and x are interpreted as their sign and magnitude, a novel subtractor design results. Addition is possible by complementing the sign digits of d and x ; that is $x + y = [(-x) - d]$. If addition is performed in this way, the location of the least significant digit need not be known, which may be of advantage in some variable precision computer organizations. An additional novel feature is that by complicating the control sequencing, the storage requirements for representing d and x can be reduced from a total of four binary digits to three binary digits.

The Committee concluded there was little or no commercial value in this invention and recommends that the rights of the University be assigned to the inventor.

4. Apparatus to measure the thickness of a concrete member by gamma ray transmission—Kenneth Preiss, formerly Assistant Professor of Civil Engineering and of Nuclear Engineering, inventor. This device involves a source of gamma radiation, contained in a collimating shield, which is held against one face of a concrete member and a radiation detector which is held against the other face, opposite the source. The apparatus is built and calibrated in such a fashion that the count rate shown by the detection system will measure the thickness of the concrete.

The Committee concluded there was little or no commercial value in this invention and recommends that the University assign its rights to the inventor.

5. Frequency independent antenna with parasitic elements—Paul E. Mayes, Professor of Electrical Engineering, and Kenneth E. Jones, formerly Teaching Assistant in the Department of Electrical Engineering, inventors; developed under a contract with the Department of the Air Force. This invention involves the use of a vertically polarized log-periodic antenna over ground as a frequency independent driving element. Two rows of scattering monopoles were symmetrically disposed, one on each side of the driver. Lengths and spacings of the parasitic monopoles were determined to correspond substantially with a log-periodic geometry. The bases of the monopoles were electrically connected to the ground plane. The monopole diameters were adjusted to minimize the frequency dependent performance of the system combining the driving element plus the parasitic element.

The Committee recommends that the rights of the University be assigned to the University of Illinois Foundation so that a patent application may be filed, subject to the rights of the sponsoring agency.

6. Rotary electrostatic precipitator—Shao Lee Soo, Professor of Nuclear Engineering and of Mechanical Engineering, inventor. This device consists of electrodes and collector plates mounted in a drum on a rotating wheel. The passages of dusty gas to be cleaned and the passages for the cleaning of the collector plates are separated by seals over the drum. The collector passages alternately pass between these sectors to collect dust and to be cleaned.

The Committee recommends that the rights of the University be assigned to the University of Illinois Foundation so that a patent application may be filed.

7. Shunt-fed superdirective helical dipole (monopole) antenna—Paul E. Mayes, Professor of Electrical Engineering, and David T. Stephenson, formerly Research Associate in the Department of Electrical Engineering, inventors; developed under a contract with the Department of the Army. This invention applies a shunt-feeding technique to a normal-mode helical dipole (or monopole) which displays a superdirective effect when operated in its second resonance. The purpose of the shunt-feeding is to increase the radiation resistance and bandwidth of the dipole.

The Committee recommends that the rights of the University be assigned to the University of Illinois Foundation for patent application, subject to the rights of the sponsoring agency.

8. Short interval timer — George R. Frost, Research Associate in Secondary and Continuing Education, inventor; developed under a contract with the National Science Foundation. This is a low cost and rugged device for measuring short intervals of elapsed time. A bubble in a liquid confined in a sealed tube moves over unit distance in unit time when the tube is tilted. The novel feature is the preset rocker which controls the velocity of the bubble along the tube.

The Committee recommends the assignment of the rights of the University to the University of Illinois Foundation for possible patent application, subject to the rights of the sponsoring agency.

9. Optical spectrum analyzer — Jack R. Baird, Assistant Professor of Electrical Engineering, Murray D. Sirkis, Professor of Electrical Engineering, Oscar L. Gaddy, Associate Professor of Electrical Engineering, and Nick Holonyak, Jr., Professor of Electrical Engineering, inventors. The optical spectrum analyzer is an instrument designed to perform the same function as the spectrometer, but to do it on a real time basis. A dynamic plot of intensity versus wavelength is obtained on an oscilloscope.

The Committee recommends the assignment of the rights of the University to the University of Illinois Foundation for possible patent applications.

I concur in these recommendations.

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

REPORT ON CONDEMNATIONS, URBANA

(35) In accordance with previous action of the Board, condemnation proceedings were instituted in the name of the Illinois Building Authority for acquisition of the properties at 904 and 908 South Sixth Street, Champaign, which are required for the Psychology Building, and 1304 West Main Street, Urbana, which is required for Civil Engineering, Phase IIa.

Judgment orders were entered in each of the above cases on December 13, 1966, in the Circuit Court of the Sixth Judicial Circuit, providing for the following payments to be made for acquisition of the properties: 904 South Sixth Street, Champaign, \$65,000; 908 South Sixth Street, Champaign, \$57,500; 1304 West Main Street, Urbana, \$45,000.

The above prices are all within appraisals received by the University.

This report is submitted for record.

On motion of Mr. Johnston, this report was received for record.

At the conclusion of the executive session, on motion of Mr. Johnston, the Board adjourned.

EARL W. PORTER
Secretary

HOWARD W. CLEMENT
President

BOARD COMMITTEE MEETINGS

Work sessions of the Committees on Buildings and Grounds and General Policy were held in the afternoon.

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

February 9, 1967

With Adjourned Session of February 28, 1967



The February meeting of The Board of Trustees of the University of Illinois was held in the Chicago Circle Center, Chicago, Illinois, on Thursday, February 9, 1967, beginning at 10:30 a.m.

President Howard W. Clement called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Theodore A. Jones, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor Otto Kerner and Mr. Ray Page were absent. Trustees-elect Mr. Donald R. Grimes, Mr. Ralph C. Hahn, and Mr. James A. Weatherly attended as guests.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Mr. C. S. Havens, Director of the Physical Plant; Mr. Charles E. Flynn, Assistant to the President and Director of Public Information; Mr. James J. Costello, Legal Counsel; Mr. Eldon Johnson, Vice-President of the University; Mr. George H. Bargh, Executive Assistant to the President; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. James B. Holderman, Assistant to the Chancellor, Chicago Circle; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. R. R. Manchester, Treasurer; Mr. H. O. Farber, Comptroller; and Mr. Earl W. Porter, Secretary.

MEMORIAL TO FRED LOUIS WHAM

Mr. Dilliard presented the following:

The Board of Trustees of the University of Illinois records with sorrow the death on February 2, 1967, of Judge Fred Louis Wham, a former member of this Board, a distinguished jurist, and an esteemed alumnus of the University.

Following his graduation from the College of Law with the Class of 1909, and his admission to the bar in the same year, he practiced law for eighteen years, first in the State of Arkansas, followed by two years of service as Assistant Solicitor for the United States Department of Agriculture, and then for ten years as a member of the well-known Illini law firm of Wham and Wham of Centralia.

In 1924, he was elected to The Board of Trustees of the University of Illinois for a six-year term beginning in March, 1925. He served faithfully in this post and as a member of Board Committees until March of 1927, when he was appointed Judge of the United States District Court and resigned from the office of Trustee shortly thereafter.

In 1956, after twenty-nine years of service on the bench, Judge Wham retired but he continued to accept assignments to courts in various Federal circuits in the United States until two months ago when failing health forced him to give up the work.

It is noteworthy that Judge Wham devoted more than half of his lifetime to public service to his state and to the nation. His professional career included almost forty years of dedicated service on the Federal bench, a record seldom equaled. Through all of the years since his graduation from the University of Illinois, he had a continuing interest in his Alma Mater. He served on the University of Illinois Citizens Committee and frequently returned to the campus for alumni and other events.

The Board directs that this memorial be entered in the minutes of today's meeting for the public record as a tribute to a noble citizen of Illinois and an illustrious alumnus of its University; and that suitable copies be sent to members of Judge Wham's family as an expression of sympathy from the members of this Board.

This memorial was adopted by a standing vote.

**REQUEST FROM THE STUDENT GOVERNMENT COMMITTEE
ON ACADEMIC FREEDOM CHICAGO CIRCLE**

The President of the Board announced that the Secretary had received a petition and a request for its presentation from the Committee on Academic Freedom of the Student Government at Chicago Circle and endorsed by the Urbana Student Senate Committee on Student Rights. The Board agreed to receive the petition¹ and to hear a statement from Mr. Richard Kling, Chairman of the Chicago Circle Student Government Committee on Academic Freedom. Following this presentation, the President of the Board stated that he was referring the subject to the Committee on General Policy for consideration.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

¹The petition asked (1) that the Board of Trustees re-evaluate Sec. 21 of *The General Rules Concerning University Organization and Procedure* dealing with political speakers on the campuses of the University of Illinois, and (2) that the Trustees request the repeal of the "Clabaugh Act," a state statute which places limitations on speakers at the University of Illinois.

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 Illinois Accountancy Act of 1943, as amended, 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>
FRANCIS C. CRALL	Hammond, Indiana	Indiana
RAYMOND EUGENE CROWLEY	Chicago, Illinois	Minnesota
WILLIAM ABRAHAM FRANKEL	Atlanta, Georgia	Georgia
ARTHUR CONRAD HOFFMAN	Charleston, Illinois	Wisconsin
JOHN BRADFORD LILJA	Chicago, Illinois	Minnesota
ROBERT WERNER LUNDQUIST	Wheaton, Illinois	District of Columbia
BARRY MUSGROVE	Sterling, Illinois	Texas
WILLIAM LOUIS OTTENAD	St. Louis County, Missouri	Missouri
JOHN LESTER QUIRK	Palatine, Illinois	Texas
NORMAN EDWIN RING	Florissant, Missouri	Minnesota
JAMES LOUIS VAN THORRE	Oak Park, Illinois	District of Columbia
SPENCER CHISHOLM WOLLING	St. Louis, Missouri	Missouri

I concur.

On motion of Mr. Johnston, these certificates were awarded.

SABBATICAL LEAVE OF ABSENCE, 1966-67, URBANA

(2) With the approval of the University Research Board and concurrence of the Executive Vice-President and Provost, I recommend that Wen L. Chow, Professor of Mechanical Engineering, be granted sabbatical leave of absence for the second semester of the academic year 1966-67 on full pay to continue to do research within the area of hypersonic rarefied gas dynamics, in particular to study the flow phenomenon within the "transitional flow" regimes, the study to be done at the Institute of Aerospace Studies at the University of Toronto.

On motion of Mr. Williamson, this leave was granted 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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; B—two years; D—one year; E—nine months from the beginning of the academic year; G—special tenure; Y—twelve months' service required instead of two semesters.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

1. RICHARD L. CARLIN, Associate Professor of Chemistry, Chicago Circle, beginning September 1, 1967, at an annual salary of \$13,000 (A).
2. DOUGLAS L. FOSTER, Assistant Professor of Psychiatry, College of Medicine, on three-fourths time, beginning April 1, 1967, at an annual salary of \$12,000 (DY75).
3. FRANKLIN P. GRAHAM, Assistant Professor and Assistant State Leader of Farm Advisers, County Farm Extension, Urbana, beginning March 1, 1967, at an annual salary of \$13,700 (DY).
4. JOHN R. LOMBARDI, Assistant Professor of Chemistry, Department of Chemistry and Chemical Engineering, Urbana, beginning February 1, 1967, at an annual salary of \$9,500 (B).
5. IRADJ SOOUDI, Assistant Professor of Dental Administration, assigned to Maxillofacial Prosthetics Program, College of Dentistry, beginning July 1, 1967, at an annual salary of \$15,000 (BY).

6. JIRI VLACH, Visiting Professor of Electrical Engineering, Urbana, for one year from February 1, 1967, at a salary of \$14,000 (Y).
7. KAM W. WONG, Assistant Professor of Civil Engineering, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (B).
8. REINER T. ZUIDEMA, Associate Professor of Anthropology and in Latin-American Studies, Urbana, on one-half time, for the second semester 1966-67, at a salary of \$3,500 (D50).

On motion of Mr. Swain, these appointments were confirmed.

**CHAIRMANSHIP OF DEPARTMENT OF ELEMENTARY EDUCATION,
URBANA**

(4) The Dean of the College of Education recommends the appointment of Dr. Theodore Manolakes, now Associate Professor of Elementary Education, as Chairman of the Department, beginning February 1, 1967, at an annual salary of \$15,000 on an academic year service basis (\$13,000 as Associate Professor of Elementary Education on indefinite tenure, and \$2,000 as Chairman of the Department).

This appointment is to succeed Professor John E. McGill who has asked to be relieved of this administrative assignment. This recommendation is submitted on nomination by a search committee¹ and after consultation with the Executive Committees of the Department and the College. The Executive Vice-President and Provost and the Dean of the Graduate College concur in this recommendation.

I recommend approval.

On motion of Mr. Johnston, this appointment was approved.

**CHAIRMANSHIP OF DEPARTMENT OF EDUCATIONAL
ADMINISTRATION AND SUPERVISION, URBANA**

(5) The Dean of the College of Education recommends the appointment of Dr. Frederick M. Raubinger, now Professor of Educational Administration and Supervision, as Chairman of the Department beginning February 1, 1967, at an annual salary of \$23,000 on a twelve months' service basis (\$22,000 as Professor of Educational Administration and Supervision, and \$1,000 as Chairman of the Department).

This appointment is to succeed Professor Lloyd E. McCleary who asked to be relieved of this administrative assignment as of August 31, 1966. Professor William P. McClure has been serving as Acting Chairman.

The nomination was initiated by a search committee² and has been approved by the Executive Committees of the Department and the College. The Executive Vice-President and Provost and the Dean of the Graduate College concur in this recommendation.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

DEAN OF THE COLLEGE OF LAW, URBANA

(6) Professor Russell N. Sullivan who has served the faculty of the College of Law since 1939, as Professor since 1947 and as Dean since 1957, has submitted his resignation as Dean of the College of Law effective September 1, 1967.

In consultation with a special committee³ appointed by the Executive Vice-President, and Provost to advise as to a successor to Dean Sullivan, and with the endorsement of the Executive Committee of the College of Law, I recommend

¹ Fred P. Barnes, Professor of Elementary Education, Chairman; R. Will Burnett, Professor of Secondary and Continuing Education and Chairman of the Department; Cecil H. Patterson, Professor of Educational Psychology; William R. Powell, Associate Professor of Elementary Education; J. Marlowe Slater, Professor of Educational Psychology, and Head of Educational Placement.

² William P. McClure, Professor of Educational Administration and Supervision and Director of the Bureau of Educational Research, Chairman; M. Ray Karnes, Professor of Vocational and Technical Education and Chairman of the Department; Phillip Monypenny, Professor of Political Science; Ray H. Simpson, Professor of Educational Psychology; Merle R. Sumption, Professor of Educational Administration and Supervision.

³ George T. Frampton, Professor of Law, Chairman; Charles B. Hagan, Professor of Political Science; Peter H. Hay, Professor of Law; Donald R. Hodgman, Professor of Economics; Victor J. Stone, Professor of Law; J. Nelson Young, Professor of Law.

the appointment of John E. Cribbet, Professor of Law, as Dean of the College of Law for two years effective September 1, 1967, at an annual salary of \$30,000 on a twelve months' service basis. He will continue to hold the rank of Professor of Law on indefinite tenure. The Executive Vice-President and Provost concurs in this recommendation.

On motion of Mr. Swain, this appointment was approved.

DIRECTOR OF INTERCOLLEGIATE ATHLETICS

(7) The Board of Directors of the University of Illinois Athletic Association recommends, and I concur therein, the appointment of E. Eugene Vance, Executive Director of the Alumni Association, as Director of Intercollegiate Athletics for the period April 1, 1967, through August 31, 1967, at a salary at a rate of \$22,000 per year.

This appointment will be renewable annually on a twelve months' service basis.¹

In addition, the Board of Directors recommends, and I concur, that Leslie A. Bryan, Director of the Institute of Aviation, who has been serving as Acting Director of Intercollegiate Athletics, serve as consultant to the Athletic Association for the period April 1, 1967, to July 1, 1967. Dr. Bryan's interim service as Acting Director has been greatly appreciated, and his continued assistance during the period of transition will be desirable.

On motion of Mr. Pogue, seconded by Mr. Hughes, this appointment was approved.

DEAN OF STUDENT AFFAIRS, CHICAGO CIRCLE

(8) The Chancellor at Chicago Circle recommends the appointment of Dr. Robert E. Corley as Dean of Student Affairs beginning March 1, 1967, and Professor of Sociology, on indefinite tenure, at a salary of \$16,500 per year on a twelve months' service basis. The appointment as Dean will be subject to renewal on a biennial term basis.

Professor Corley has been serving as Acting Dean. His appointment as Dean is unanimously supported by the Consultative Committee on the Selection of the Dean of Student Affairs and reflects consultation with representatives of the student body and members of the faculty. The Dean of the Graduate College and the Executive Vice-President and Provost endorse this appointment.

I recommend approval.

On motion of Mr. Johnston, this appointment was approved.

DIRECTORSHIP OF THE CENTER FOR URBAN STUDIES, CHICAGO CIRCLE

(9) The Board of Trustees authorized on December 8, 1966, the establishment of a Center for Urban Studies at the Chicago Circle campus. The Executive Vice-President and Provost and the Chancellor at Chicago Circle recommend that Dr. William L. Garrison be appointed Director of the Center for Urban Studies and University Coordinator for Urban Studies for two years and Professor of Geography in the Department of Geography at Chicago Circle on indefinite tenure beginning September 1, 1967, at an annual salary of \$29,000 on a twelve months' service basis.

Dr. Garrison is presently the Director of the Transportation Center at Northwestern University.

The recommendation is made with the advice of a search committee,² and the appointment is endorsed by the Dean of the Graduate College.

I recommend approval.

On motion of Mrs. Watkins, this appointment was approved.

¹The By-Laws of the Athletic Association provide that the appointment of the Director of Intercollegiate Athletics shall be subject to approval of the Board of Trustees.

²Stanley L. Jones, Professor of History and Chairman of the Department at Chicago Circle, Chairman; Robert B. Banks, Professor of Fluid Mechanics in the Department of Energy Engineering and Dean of the College of Engineering at Chicago Circle; Robert E. Corley, Professor of Sociology and Acting Dean of Student Affairs at Chicago Circle; Leonard J. Currie, Professor of Architecture and Dean of the College of Architecture and Art at Chicago Circle; Bernard R. Kogan, Professor of English at Chicago Circle; and Sherman Shapiro, Professor of Economics at Chicago Circle.

**PILOT PROGRAMS FOR BACHELOR OF SCIENCE DEGREE
IN ENGINEERING, CHICAGO CIRCLE**

(10) On July 27, 1966, the Board of Trustees approved curricula and degree requirements leading to a bachelor's degree in engineering at Chicago Circle. Prior to that time, students at Chicago Circle were enrolled in a course of study patterned after the engineering curricula at the Urbana campus. Because the new curricula differed substantially in orientation and alignment, students at Chicago Circle who completed their sophomore year in the "Urbana curriculum" in June, 1966, had the alternatives of realigning their programs to correspond with the new Chicago Circle curriculum (with possible loss of time or credit), or transferring to Urbana or elsewhere to complete their undergraduate work.

In order to provide a more convenient and equitable interim solution for these students, pilot programs in mechanical analysis and design, structural design, metallurgy and thermal sciences have been developed by the curriculum committees in mechanical sciences, materials sciences, and thermal sciences. These programs closely resemble the programs approved in July for Chicago Circle, yet differ sufficiently in detail to be applicable to students who have completed at least the first two years of the Urbana curricula. The pilot programs will allow the students (fifty to seventy in number) involved to receive a bachelor's degree in engineering in June, 1968, or before.

The Executive Vice-President and Provost and the Chancellor at Chicago Circle recommend approval of these curricula, all of which have received approval of the Chicago Circle Senate. The Senate Coordinating Council has indicated that no further Senate jurisdiction is involved.

I concur.

On motion of Mr. Williamson, this recommendation was approved.

**DISCONTINUANCE OF TEACHING MINOR IN CERTAIN
DEPARTMENTS, CHICAGO CIRCLE**

(11) The Chicago Circle Senate has approved a recommendation from the Chicago Circle Council on Teacher Education that the second field of specialization (teaching minor) be discontinued as a requirement for the baccalaureate degree in the teaching field in the areas of Biology, Chemistry, English, French, German, History, Mathematics, Physics, and Speech.

In 1965, the Illinois General Assembly revised the school code requirements to allow one or more major fields of study for certification instead of the former requirement of two teaching fields. Nearly all accredited colleges in Illinois have taken steps to change their programs to comply with this statutory revision.

The area committees for the preparation of secondary school teachers in the departments mentioned above have recommended such a change. The change will make it possible for the student to (1) take more work in his major field, (2) increase credit in other fields, or (3) prepare, as before, to teach in two fields.

The Senate Coordinating Council has advised that no other Senate jurisdiction is involved.

While this matter does not require formal approval by the Board, it is submitted for the record.

This report was received for record.

MASTER OF SCIENCE IN INDUSTRIAL ENGINEERING, URBANA

(12) The Graduate College and the College of Engineering at Urbana recommend the establishment of a curriculum leading to the degree Master of Science in Industrial Engineering.

The curriculum in industrial engineering at the University of Illinois, in common with similar programs at universities throughout the United States, has been closely tied to the curriculum in mechanical engineering. In keeping abreast of industrial developments and needs, however, the industrial engineering curriculum has tended to include an increasing number of courses devoted to man-machine relationships and mathematical approaches to industrial operations and systems.

The baccalaureate degree in industrial engineering was established in 1952 and in 1960 was accredited by the Engineers Council for Professional Development. Almost from the beginning of the program, students have taken advanced

work in this area. Since 1955, some forty-eight students have received Master of Science degrees in mechanical engineering with emphasis on an area of study that is ordinarily classified as industrial engineering.

Programs similar to the one proposed here are in effect at many universities. At least seventeen of these offer a Doctor of Philosophy degree in industrial engineering.

The degree program also has been approved by the Policy and Development Committee of the College of Engineering and the Urbana-Champaign Senate. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I recommend approval subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Swain, this recommendation was approved.

RESEARCH RESOURCES LABORATORY, MEDICAL CENTER

(13) On recommendation of the Chancellor at the Medical Center, I have approved a change in the name of the Aeromedical Laboratory to Research Resources Laboratory. This change is being reported for record.

This report was received for record.

CONTRACT FOR LANDSCAPE CONSTRUCTION AT FLORIDA AVENUE RESIDENCE HALLS, URBANA

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract of \$24,172 to Carl G. Klehm, an individual doing business as Charles Klehm & Son Nursery, Arlington Heights, for landscaping at the Florida Avenue Residence Halls.

Funds are available in the Florida Avenue Residence Halls project budget for the construction of this landscaping.

I concur.

On motion of Mr. Johnston, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page.

CONTRACTS FOR REMODELING IN NOYES LABORATORY, URBANA

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of cost-plus contracts for remodeling sixteen rooms in Noyes Laboratory for the Biochemistry Division and Chemistry Library expansion, the award in each case to the lowest bidder:

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Total Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General— Barber & DeAtley, Inc., Urbana	6	25	10	\$2 962 00	\$19 362 00
Electrical— G. L. Wilsky, an individual doing business as Downtown Electric, Urbana	15	22	5	1 247 00	7 447 00
Plumbing— David W. Reichard Plumbing & Heating Co., Inc., Urbana	15	39	5	4 826 00	19 026 00
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems— W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana	25	30	5	360 00	1 960 00
Ventilation and Distribution Systems for Conditioned Air— W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana	25	30	5	1 020 00	4 820 00

Since W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana, is the lowest bidder with identical fee percentages for heating, piping, refrigeration, and automatic temperature control systems work and ventilation and distribution systems for conditioned air work, it is also recommended that these two awards be combined into a single contract in lieu of separate contracts.

The estimated total cost of the work is approximately \$60,000. Funds are available from an appropriation approved by the Board of Trustees in January, 1966.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page.

EMPLOYMENT OF ARCHITECTS AND ENGINEERS

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of the following architects on projects proposed for construction in the 1967-69 biennium which will be partially financed from federal funds and on which application for such grants must be submitted as soon as possible. When funds are authorized for construction, the firms employed will provide complete architectural and engineering services including design through supervision of construction. Initial authorizations will be limited to the preparation of preliminary schematic drawings used in the applications, with costs estimated at the amounts indicated.

<i>Project</i>	<i>Architect Recommended</i>	<i>Fee</i>	<i>Initial Authorization to Architects</i>
<i>Medical Center Campus</i>			
Library.....	Holabird & Root, Chicago	5½ per cent	\$30 400 00
Medical Research Laboratory Addition.....	Skidmore, Owings & Merrill, Chicago	6 per cent	14 400 00
College of Dentistry Building	Graham, Anderson, Probst, & White Chicago	5½ per cent	41 500 00
<i>Urbana-Champaign Campus</i>			
Foreign Languages Building	Holabird & Root, Chicago	6 per cent	29 000 00

The following firms are also recommended for employment on two projects not receiving federal funds.

<i>Project</i>	<i>Professional Recommended</i>	<i>Fee</i>
Krannert Art Museum Addition.....	Richardson, Severns, Scheeler & Associates, Champaign	6 per cent for new construction and actual cost of professional personnel at normal hourly rates plus 150 per cent for overhead and profit on the remodeling work with a maximum cost of \$26,500.00
Remodeling Chicago Circle Center.....	J. Gale Brown, Wilmette (architectural services)	Actual cost of professional personnel at normal hourly rates plus 125 per cent for overhead and profit and allowable reimbursables at actual cost

<i>Project</i>	<i>Professional Recommended</i>	<i>Fee</i>
	Fred Schmid Associates, Chicago (food service and equipment consultant)	Actual cost of professional personnel at specified hourly rates with the understanding that the cost will not exceed 8 per cent of the final cost of the food service equipment and refrigeration plus 5½ per cent of the final cost of the interior furnishings but not to exceed \$4,160.00

Funds for all of the above professional services except the Chicago Circle Center remodeling will be financed from the stores and services account until permanent financing is available. Funds for the Chicago Circle Center remodeling are available in the Chicago Circle Center account.

The Committee on Buildings and Grounds, the Advisory Committee on the Selection of Architects and Engineers, and the major users of the proposed buildings have been consulted and support these recommendations.

I concur.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page.

**LOAN AGREEMENT FOR MARRIED STUDENT HOUSING
ORCHARD DOWNS AREA, URBANA**

(17) The Vice-President and Comptroller presents a Loan Agreement (Contract No. H(402)2801) with the United States Department of Housing and Urban Development whereby the federal government agrees to purchase \$2,100,000 of the Housing Revenue Bonds of 1966, Series B, at par and an interest cost of 3 per cent if no other bids are received at equal or lower net interest cost.

I recommend that the Comptroller and Secretary of the Board be authorized to execute this Loan Agreement and that bids be taken on March 14, 1967, for the sale of these bonds and \$520,000 of Housing Revenue Bonds of 1966, Series A, to provide funds for the construction of 252 married student apartments.

On motion of Mr. Hughes, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page.

PURCHASES

(18) The Executive Vice-President and Provost submitted a report of purchases recommended by the President, with the concurrence of the Director of Purchases and the Vice-President and Comptroller; also a list of purchases authorized by the Executive Vice-President and Provost's Office.

The lists of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

<i>From Appropriated Funds</i>	
Purchases Recommended	\$107 882 16

From Institutional Funds

Purchases Authorized	\$ 15 127 69
Purchases Recommended	375 501 43
	<u>\$390 629 12</u>
<i>Grand Total</i>	\$498 511 28

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Johnston, the purchases authorized by the Executive Vice-President and Provost, acting for the President, were approved, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(19) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary of the Board.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(20) The Comptroller's report of contracts executed during the period January 1 to 31, 1967.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Division of Highways IHR-99	Highway drainage policy statement and practice manual for the state of Illinois	\$ 8 525 00
United States Air Force AF-AFOSR-272-67	Electromagnetic properties of materials in the infrared-submillimeter range	73 900 00
AF-AFOSR-390-67	Modulation and demodulation of coherent optical radiation	90 000 00
F33615-67-C1190	Behavior of highly damped structures	30 000 00
United States Army DAHC04 67 C 0025	Experimental and theoretical physics	92 547 00
United States Department of Health, Education, and Welfare AoA-T-67-1	Determine the roles of occupational therapists in working with community agencies in providing home services to older adults	33 960 00
OEG-3-7070014-1630	Effect of arrangement on the use of library catalogs	8 938 00
OEG-3-7-070015-1624	Developing performance materials in the contemporary idiom for the early stages of string instruction	8 939 00
OEG-3-7-0700130-1609	Linguistic analysis of verbal interactions in special classes for the mentally retarded	5 395 00
<i>Total</i>		<u>\$352 204 00</u>

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Archaeological Survey	Testing and excavation at the Minier site	\$ 2 679 00
Kretschmer Wheat Germ Products	Wheat germ in parallel group to other studies on wheat germ oil	2 500 00
National Aeronautics and Space Administration NGR 14-005-074	Physiological responses of central vestibular pathways and diffuse ascending systems to vestibular stimulation	52 757 00
State of Illinois Board of Economic Development	Preparation of population projections for the state of Illinois and its eleven component economic regions to the year 2010	18 334 00
United States Army DA-31-124-ARO-D-65	Exploratory basic research in physical sciences	52 000 00
DA-49-193-MD-2481	Chemistry and mechanism of action of potential antiviral agents	24 263 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Atomic Energy Commission AT (11-1) - 1339	Fission product levels and metabolism in food producing animals	\$ 35 398 00
United States Navy Nonr-1834(17)	Solid state and surface physics of semiconductors	25 000 00
Nonr-1834(26)	Plastic deformation of solids	15 000 00
<i>Total</i>		<u>\$227 931 00</u>

Summary

Amount to be paid to the University.....	\$580 135 00
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This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(21) The Comptroller presented his quarterly report to the Board as of December 31, 1966.

This report was received for record, and a copy has been filed with the Secretary of the Board.

INVESTMENT REPORT

Report of the Finance Committee

(22) The Finance Committee reported the following changes in investments of endowment funds for the month of December, 1966:

Pool

Purchase

\$218 000 U.S. Treasury bills due 1/12/67.....\$ 217 776 55

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of December, 1966:

Current Funds

ART OBJECTS

Purchase

\$70 000 U.S. Treasury bills due 10/31/67.....\$ 67 118 33
CITY OF CHICAGO ESCROW

Purchase

\$77 000 U.S. Treasury bills due 12/15/66..... 75 964 35

RESTRICTED GROUP

Sale

\$1 000 000 U.S. Treasury bills due 3/2/67..... 990 744 44

Purchases

\$1 000 000 Montgomery Ward 5 $\frac{7}{8}$ per cent notes due 3/31/67..... 1 000 000 00

1 000 000 Cargill, Inc., 6 $\frac{1}{8}$ per cent notes due 5/26/67..... 971 927 08

1 000 000 Local Loan Co. 6 $\frac{1}{4}$ per cent notes due 6/15/68..... 1 000 000 00

1 000 000 Associates Investment 4.60 per cent notes due 6/26/68.. 974 988 50

Construction Funds

ASSEMBLY HALL

Purchase

\$210 000 U.S. Treasury bills due 3/30/67..... 207 448 47

KRANNERT CENTER FOR THE PERFORMING ARTS

Sale

\$784 000 00 Commercial Credit open-end demand notes..... 784 000 00

111 048 93 Farm Home Adm. 4 $\frac{1}{2}$ per cent notes due 4/1/68..... 108 228 29

181 026 80 Farm Home Adm. 4 $\frac{1}{2}$ per cent notes due 7/1/68..... 175 650 30

179 775 44 Farm Home Adm. 4 $\frac{1}{2}$ per cent notes due 9/21/68..... 173 788 92

109 616 66 Farm Home Adm. 4 $\frac{1}{2}$ per cent notes due 1/4/70..... 103 576 78

238 992 14 Farm Home Adm. 4 $\frac{3}{4}$ per cent notes due 12/17/70..... 224 604 81

Purchase

\$282 000 Commercial Credit open-end demand notes.....	\$ 828 000 00
285 500 Beneficial Finance Co. 6 per cent notes due 6/29/73.....	285 500 00
523 580 Farm Home Adm. 6 per cent notes due 12/14/76.....	523 580 00
261 053 Farm Home Adm. 6 per cent notes due 12/14/76.....	261 053 14

UNION BUILDING (Chicago Circle)**Purchase**

\$50 000 U.S. Treasury bills due 1/19/67.....	49 770 00
50 000 U.S. Treasury bills due 2/16/67.....	49 564 44
47 000 U.S. Treasury bills due 3/9/67.....	46 446 25
12 000 U.S. Treasury bills due 5/4/67.....	11 745 69

FLORIDA AVENUE RESIDENCE HALLS**Purchase**

\$125 000 U.S. Treasury bills due 6/22/67.....	122 008 56
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GRADUATE HOUSING**Sale**

\$25 000 U.S. Treasury bills due 12/29/66.....	24 954 02
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Purchase

\$360 000 U.S. Treasury bills due 3/30/67.....	355 686 60
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UNION AND RESIDENCE HALL (Medical Center)

In the report of January 12, 1967, the purchase of \$430,000 U.S. Treasury bills due 2/16/67 at \$423,253.30 was erroneously reported as a sale.

Sinking Funds**ASSEMBLY HALL****Purchase**

\$5 000 U.S. Treasury 4 $\frac{7}{8}$ per cent notes due 8/15/67.....	4 989 06
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HOUSING REVENUE BONDS**Purchase**

\$80 000 U.S. Treasury 5 $\frac{3}{8}$ per cent notes due 11/15/71.....	80 050 00
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REVENUE BONDS OF 1956**Purchase**

\$5 000 U.S. Treasury 5 $\frac{3}{8}$ per cent notes due 11/15/71.....	5 003 13
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STUDENT SERVICES**Purchase**

\$8 000 U.S. Treasury 5 $\frac{1}{4}$ per cent notes due 5/15/71.....	8 025 00
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WOMEN'S RESIDENCE HALL OF 1956**Sale**

\$25 000 U.S. Treasury bills due 3/16/67.....	24 615 84
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Purchase

\$55 000 U.S. Treasury bills due 3/16/67.....	54 154 85
7 000 U.S. Treasury 5 $\frac{3}{8}$ per cent notes due 11/15/71.....	7 004 38

This report was received for record.

**REPORTS AND RECOMMENDATIONS FROM THE
PRESIDENT OF THE BOARD**

FUTURE BOARD MEETINGS

President Clement reminded the Trustees of the dates of the next two meetings of the Board to be held: March 14, in Urbana (annual meeting), and April 13, at the Medical Center in Chicago.

REPORTS OF BOARD COMMITTEES

GENERAL POLICY COMMITTEE

Mr. Johnston, for the Committee on General Policy, presented the following report and moved its acceptance.

Because of the public interest in the proposed organization of a student W.E.B. Du Bois Club at the University of Illinois, the President (in December, 1966) informed the members of the Board of Trustees as to the status of institutional review of the petition of the student group. The General Policy Committee of the Board of Trustees took cognizance of the issues, problems, and concerns which have developed from the fact that the Attorney General of the United States has filed a petition with the Subversive Activities Control Board to require the national organization of the W.E.B. Du Bois Club to register as a Communist front group. The President then asked the Dean of Students at Urbana-Champaign to withhold action on the petition of the group of students seeking to organize a campus Du Bois Club until the General Policy Committee of the Board of Trustees had an opportunity to review the matter in all of its aspects, including the University's responsibilities under the Clabaugh Act.

The General Policy Committee has reviewed a large volume of correspondence, memoranda, and reports relating to the subject. These included official statements from the Urbana Senate Committee on Student Affairs and the Urbana Senate Committee on Academic Freedom and Tenure. In addition, the Committee held conferences with representatives of the two Senate Committees and the Student Senate.

The Committee now recommends that the Board of Trustees affirm its belief that no group which has been determined to be subversive or seditious (i.e., to advocate the violent overthrow of the Government of the United States or the State of Illinois) should be "recognized" by the University of Illinois.

In the present instance, the Committee is impressed by the fact that while the Attorney General has filed a petition with the Subversive Activities Control Board to require the national organization of the W.E.B. Du Bois Clubs to register as a Communist front group, that agency has not yet heard the matter on its merits. Since the material which the Attorney General may have in support of his petition is not available to the University, there is no way for the University at this time to make a valid independent judgment concerning the charges.

It is also clear that (1) the local petitioning group has denied affiliation with the national body, and (2) that the constitution of the petitioning groups states purposes which are unobjectionable by University regulations and which do not in any way identify the group as a subversive or seditious organization.

Therefore, it is the Committee's expectation that the question of recognition will be handled through regular administrative channels.

However, at any time that the W.E.B. Du Bois Club or any other student group can be proved to be subversive, seditious, or dedicated to the violent overthrow of the Government of Illinois or of the United States, the Trustees will expect the administration of the University to deny to that group the privileges and ties of association with the University that are allowed to recognized student groups.

The report was approved by a vote of four to two.

EARL W. PORTER, *Clerk*

Members, Committee on General Policy

THEODORE A. JONES

HAROLD POGUE

TIMOTHY W. SWAIN

MRS. FRANCES B. WATKINS

KENNEY E. WILLIAMSON

WAYNE A. JOHNSTON, *Chairman*

Following a discussion, the Board voted six to three in favor of the report of the Committee. Mr. Hughes, Mr. Pogue, Mr. Swain asked to be recorded as voting "No."

FINANCE COMMITTEE

Mr. Williamson, for the Finance Committee, presented the following report and moved its adoption.

On November 10, 1966, the Board of Trustees adopted a budget request for the operation of the University of Illinois in the biennium 1967-69, to be presented to the Governor and the General Assembly, and authorized the President of the

Board, the Chairman of the Finance Committee of the Board, and the President of the University to present the budget to the appropriate offices, officials, and agencies.

As a part of the budgetary review process, the budget was submitted to the Illinois Board of Higher Education which has taken official action to make certain recommendations concerning the items of increase requested by the University. The differences between the original budget as adopted by the Board of Trustees and the recommendations of the Board of Higher Education are reflected in a table submitted herewith, a copy of which is being filed with the Secretary of the Board.

In summary, for operations the Board of Trustees requested an increase of \$67,284,774 which amounted to an increase of 31.4 per cent over the amount available for the 1965-67 biennium. The Board of Higher Education approved a request for an increase of \$58,373,996, a 27.2 per cent increase.

The portion of the total budgeted to be provided from the University Income Fund was increased from \$18,100,000 to \$21,400,000, the increase to come primarily from additional income of the Research and Educational Hospitals and from fees collected from the larger number of students enrolled.

We believe that the budget request as originally presented was valid, conservative in view of the University's responsibility to meet its obligations to the State, and consistent with a realistic appraisal of the needs of the University.

However, in recognition of the probable difficulties to be faced by the State in meeting its financial requirements for the coming biennium, the Committee recommends that the University accept the reductions proposed by the Board of Higher Education except in the critical and unique requirements of the University's Research and Educational Hospitals at the Medical Center Campus. On the latter, the University requested an increase of \$1,901,000, all of which would be provided by the additional income of the Hospitals. The Board of Higher Education approved \$738,800. The Committee will continue to explore how this urgent financial requirement can be met.

We further recommend that the representatives of the Board of Trustees and the administration of the University be authorized to present this position to the appropriate State officials and to the General Assembly, hence, modifying the original operating budget request as presented in November, 1966.

EARL W. PORTER, *Clerk*

Members, Finance Committee

THEODORE A. JONES

TIMOTHY W. SWAIN

KENNEY E. WILLAMSON, *Chairman*

In the course of the discussion, the President of the Board made these following informal comments:

In recent weeks, President Henry and I have had a number of extended conferences with Mr. Ben W. Heineman, the Chairman of the Illinois Board of Higher Education, and others in an attempt to resolve some of the difficulties in our relationships with the Board of Higher Education referred to last month. I am happy to report that we are making progress in a number of areas, and in particular with regard to procedures and clearer understandings of working relationships.

There is no question in our minds — the Board of Higher Education and the Board of Trustees of the University of Illinois — that both boards share a common objective — to work together for the general objective of providing the best possible system of higher education in Illinois. In short, it seems to me that in recent days we have seen a beneficial re-evaluation.

Therefore, I strongly endorse the report of the Finance Committee and its spirit and tone of cooperation at this time, including its sensitivity to the total State financial picture. It remains true, however, that the unique and critical needs of the University's Research and Educa-

tional Hospitals pose special problems in meeting the University's responsibilities during the next biennium. We will, therefore, continue vigorously to seek a solution to this particular budgetary problem.

The report of the Finance Committee was unanimously adopted.

The President of the Board took note of the fact that three members of the Board were present at the last meeting of their term of office. The following resolutions were presented as indicated and approved unanimously.

Mr. Pogue offered the following resolution:

TO IRVING DILLIARD

The Board of Trustees of the University of Illinois hereby expresses its grateful appreciation for your services during the past six years as a member of this Board.

Your able contribution to the work of a number of committees is recognized, and special commendation is noted for the service you have given to the Committees on Alumni and Student Welfare and Activities, of which you served as Chairman. You brought to the deliberations of this Board a special understanding of academic affairs and policy. It should also be noted that your writings and service in the fields of journalism and communications and government, as exemplified by your selection in 1949 to deliver the Edmund James lecture, "The Development of a Free Press in Germany, 1945-1946; An Aspect of American Military Government," have been recognized by honorary degrees from numerous educational institutions.

Your colleagues note with satisfaction your professional achievements: in journalism as editor for many years of the editorial page of *The St. Louis Post-Dispatch*; as the author of numerous books and other writings on government and public affairs; as recipient of abundant recognition at home and abroad and of many invitations to lecture at colleges, universities, and other cultural institutions.

The President and other administrative officers of the University have indicated their desire to join the members of the Board of Trustees in this tribute and in extending their best wishes to you and Mrs. Dilliard.

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.

Mr. Johnston offered the following resolution:

TO FRANCES B. WATKINS

The Board of Trustees of the University of Illinois hereby expresses its grateful appreciation for your public-spirited and distinguished service as a member of this Board for eighteen continuous years from 1949 to 1967.

You have served effectively for long periods on numerous Board committees: the Committee on Alumni for eighteen years, as Chairman for two; the Executive Committee for sixteen years; the Finance Committee for fifteen years; the Committee on General Policy for ten years; and the Committee on Student Welfare and Activities for sixteen years. Special recognition is due your eighteen years of service, sixteen of those as Chairman, on the Committee on Chicago Departments. Those years, 1949 through 1967, saw both expansion and development at the Medical Center campus and the creation of the Chicago Circle campus. Your energy and devotion in the field of educational trusteeship are confirmed by your services as a Regional Director and as a member of the Executive Committee and the Program Committee of the Association of Governing Boards of Universities and Colleges.

The President and other administrative officers of the University have indicated their desire to join the members of the Board of Trustees in this tribute and in extending to you their best wishes for the years 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.

Mr. Swain offered the following resolution:

TO KENNEY E. WILLIAMSON

The Board of Trustees of the University of Illinois hereby records your nineteen years of service as a member of this Board and gratefully expresses its appreciation for your vigorous and competent leadership as its President for the five years from 1949 to 1951 and from 1959 to 1962.

During your years of service on the Board, you have served effectively as a member of nearly every standing committee. Special recognition is due your contribution to the work of the Finance Committee on which you served and were Chairman for nine years, the Committee on Buildings and Grounds on which you served for ten years and were Chairman for three years and the Committees on General Policy, Patents, and Athletic Activities on which you served for seven years and as Chairman of the latter for two years. Your long experience in business and your background as a Chartered Life Underwriter have enabled you to make an outstanding contribution as a representative, for eighteen years, of this Board on the Board of Trustees of the State Universities Retirement System of Illinois. In addition to your service on the Board of Directors of the University of Illinois Foundation during your tenure as President of this Board, you have represented the present President in that capacity since 1963.

The President and other administrative officers of the University wish to join with the Board of Trustees in this tribute to you and in extending best wishes to you and Mrs. Williamson.

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.

MIDYEAR DEGREES

The Secretary presented for record the degrees conferred at the Medical Center as of December 9, 1966, and to be conferred at Urbana-Champaign as of February 15, 1967, on recommendation of the University Senates and by authority of the Board of Trustees.

Summary

Degrees Conferred at Urbana-Champaign

Graduate College	
Doctor of Philosophy.....	119
Doctor of Education.....	7
Doctor of Business Administration.....	1
Doctor of Musical Arts.....	1
Master of Arts.....	98
Master of Science.....	262
Master of Music.....	1
Master of Education.....	76
Master of Comparative Law.....	4
Master of Architecture.....	2
Master of Accounting Science.....	5
Master of Business Administration.....	3
Master of Urban Planning.....	4
Advanced Certificate in Education.....	3
Certificate of Advanced Study in Librarianship.....	1
<i>Total, Graduate College.....</i>	<i>(587)</i>
College of Agriculture	
Bachelor of Science.....	72
College of Engineering	
Bachelor of Science.....	261
College of Liberal Arts and Sciences	
Bachelor of Arts.....	196
Bachelor of Science.....	113
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(309)</i>
College of Law	
Bachelor of Laws.....	2
Doctor of Law.....	16
<i>Total, College of Law.....</i>	<i>(18)</i>

College of Education	
Bachelor of Science.....	58
College of Commerce and Business Administration	
Bachelor of Science.....	111
College of Journalism and Communications	
Bachelor of Science.....	20
College of Fine and Applied Arts	
Bachelor of Architecture.....	51
Bachelor of Fine Arts.....	36
Bachelor of Music.....	3
Bachelor of Science.....	11
Bachelor of Urban Planning.....	3
<i>Total, College of Fine and Applied Arts.....</i>	<i>(104)</i>
College of Physical Education	
Bachelor of Science.....	26
<i>Total, Degrees Conferred at Urbana-Champaign.....</i>	<i>1,566</i>
<i>Degrees Conferred at the Medical Center</i>	
College of Dentistry	
Bachelor of Science.....	2
Doctor of Dental Surgery.....	3
<i>Total, College of Dentistry.....</i>	<i>(5)</i>
College of Medicine	
Bachelor of Science.....	1
College of Nursing	
Bachelor of Science.....	6
College of Pharmacy	
Bachelor of Science.....	<u>1</u>
<i>Total, Degrees Conferred at the Medical Center.....</i>	<i>13</i>
<i>Total, Degrees Conferred at Urbana-Champaign and Medical Center.....</i>	<i>1,579</i>

Degrees Conferred at Urbana-Champaign

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

SHAWKI EL-HUSSEINI MOHAMED MASSOUD FARAG, B.Com., Ain Shams University, 1960; M.S., 1963; M.A., Yale University, 1965

In Agricultural Economics

GOTTFRIED ABLASSER, Diplom-Ingenieur, University of Vienna, 1962; M.S., 1964

In Agronomy

WILLIAM BRYANT DUKE, B.S., North Carolina State College, 1962; M.S., Oregon State University, 1964

TRUONG DINH PHU, B.S., M.S., 1955, 1956

In Animal Science

JAMES LEE COX, B.S.A., Purdue University, 1961; M.S., 1963

DHARAM SINGH DHINDSA, B.V.Sc.&A.H., Panjab University, 1956; M.S., Montana State University, 1963

PAUL LANDIS KEYES, B.S., M.S., North Carolina State College, 1960, 1963

TIMOTHY GEORGE LOHMAN, B.S., M.S., 1962, 1964

KENT RICHARD STEVENS, B.S., M.S., Michigan State University, 1961, 1963

In Anthropology

SHUICHI NAGATA, B.S., University of Tokyo, 1954; M.A., Tokyo Metropolitan University, 1958

In Astronomy

RAYMOND EDWIN WHITE, JR., B.S., 1955

In Biophysics

STEPHEN ARTHUR HAWLEY, A.B., Knox College, 1961; M.S., 1963

In Botany

ROBERT HOWARD GRAY, B.S.Ed., M.S., Ohio University, 1960, 1962

In Business

JOHN ALEX MURRAY, B.Com., University of Windsor, 1958; M.B.A., McMaster University, 1963

JOSEPH OTTO PECENKA, B.S., Carnegie Institute of Technology, 1952; M.S., Northern Illinois University, 1964

ELEANOR VIRGINIA STEVENS, B.S., M.B.A., Indiana University, 1956, 1957

GEORGE ROSS WREN, Ph.B., S.B., S.M., M.B.A., University of Chicago, 1947, 1949, 1949, 1951; LL.B., LaSalle Extension University, 1958

In Ceramic Engineering

ALBERT HEINRICH BREMSER, B.S., Alfred University, 1962; M.S., 1964

In Chemical Engineering

ROBERT OTTO MASS, B.S., University of Minnesota, 1962; M.S., 1964

FRANK SHON-FU WANG, B.S., Oregon State University, 1963; M.S., 1964

DAVID KEITH WINEGARDNER, B.S.Ch.E., Purdue University, 1963; M.S., 1965

In Chemistry

FREDERICK SLENKER BROWN, A.B., Bradley University, 1962

ORWIN LEE CARTER, B.S., State University of Iowa, 1964; M.S., 1965

MARY-DELL CHILTON, B.S., 1960

STUART PROUD CRAM, B.A., Kansas State Teachers College, 1961; M.S., University of Wisconsin, 1963

JON BYRON CROSS, B.A., University of Colorado, 1960

STANLEY ROSS CROUCH, M.S., Stanford University, 1963

WILLIAM OWEN DALTON, B.S., 1961

RONALD FREDERICK LAMBERT, B.S., Columbia University, 1962; M.S., 1964

PETER SHU-TI LEE, B.S., M.S., National Taiwan University, 1959, 1962

MICHAEL ALAN LINTNER, S.B., Massachusetts Institute of Technology, 1963; M.S., 1964

HAROLD PETERSEN, JR., B.S., University of Massachusetts, 1962

THOMAS RAY SHARPE, A.B., Evansville College, 1962

LESLIE BERL SIMS, B.A., Southern Illinois University, 1958; M.S., 1961

HASSAN AHMAD TAYIM, B.Sc., Ain Shams University, 1956; M.S., American University of Beirut, 1964

GORDON EDWARD WILLICK, B.Sc., M.Sc., University of British Columbia, 1960, 1962

KUAN-JEN YU, B.S., Tunghai University, 1960

In Civil Engineering

SANA RACHRACH ABDEL-SAMAD, B.Eng., American University of Beirut, 1961; S.M.C.E., Massachusetts Institute of Technology, 1963

MOHAMMAD ALI AKBARIAN, Dipl., University of Tehran, 1960; M.S., 1963

BRUCE JENNINGS MUGA, B.B.A., Southern Methodist University, 1950; B.S.C.E., University of Texas, 1957; M.S., 1961

DESMOND CONROY O'CONNOR, B.E., University of Sydney, 1954; M.E., University of New South Wales, 1960; M.Sc.Ph.E., International Training Center for Aerial Survey (Delft), 1961

EDWARD MICHAEL WALLO, B.S.C.E., M.S.C.E., Drexel Institute of Technology, 1960, 1963

VLADIMIR YACKOVLEV, C.E., Central University of Venezuela, 1960; M.S., 1961

In Communications

EMERY LEWIS SASSER, A.B.J., M.A., University of Georgia, 1958, 1963

In Dairy Science

ROBERT WILLIAM HOGG, B.S.A., M.S.A., University of British Columbia, 1960, 1962

In Economics

- JOHN OSCAR BORNHOFEN, B.S., M.S., 1961, 1963
 RICHARD FELIX FRYMAN, B.S., M.A., Miami University, 1961, 1962
 WILLIAM HABACIVCH, B.S., M.A., Pennsylvania State University, 1959, 1961
 HUGH KENNETH HIMAN, B.A., M.A., Miami University, 1961, 1963

In Education

- MARTIN LEWIS BENDER, A.B., Eastern Mennonite College, 1957; A.M., 1965
 IRA GROSS, B.A., Queens College, 1956; M.S.Ed., City College (New York), 1961
 IOANNIS NIKOLAOS PARASKEVOPOULOS, Dipl., University of Athens, 1963; M.S.,
 New York State College (Buffalo), 1965
 ROLAND FRANCIS PAYETTE, A.B., Miami University, 1948; A.M., B.S.Ed., Univer-
 sity of Cincinnati, 1951, 1952
 DOROTHEA NATALIE RAU, M.Ed., University of Mississippi, 1951
 KENNETH ALBERT RETZER, A.B., Illinois College, 1954; Ed.M., 1957
 HERBERT WILLS III, B.S., M.S., Eastern Illinois University, 1952, 1955

In Electrical Engineering

- ALLAN JOEL BROCKSTEIN, B.S., M.S., 1963, 1964
 JAMES WALTER CARLIN, B.S.E.E., Illinois Institute of Technology, 1962; M.S., 1964
 DEAN ROBERT COLLINS, S.B., S.M., Massachusetts Institute of Technology, 1959,
 1959
 EARL DAVID CROCKETT, B.E.S., Brigham Young University, 1962; M.S., Stanford
 University, 1964
 HSUNG TSAO HSU, B.Sc., National Taiwan University, 1959; M.S., 1962
 KENNETH EARL JONES, B.S., 1960; M.S., University of Southern California, 1962
 PUTTAVEERIAH PARAMASIVAIAH, B.Sc.(Hons.), M.Sc., University of Mysore, 1945,
 1947; A.M., University of Southern California, 1950; M.S., University of
 California, 1963
 THOMAS RONALD POUND, B.S., M.S., 1961, 1962
 ROI FRANCIS PRUEHER, JR., B.S., United States Naval Academy, 1952; M.S., 1956
 RONALD ALFRED WERNER, B.S., M.S., 1964, 1965

In English

- JAMES FRANK DOUBLEDAY, B.A., Northwestern University, 1958; M.S., 1959

In Entomology

- SOELAKSONO SASTRODIHARDJO, Drs., Institut Teknologi Bandung (Indonesia), 1962;
 M.S., 1964

In Food Science

- CHARLES GEORGE PHEIL, B.S., M.S., Michigan State University, 1957, 1962
 AMIRAM RAZ, B.Sc., Technion, Israel Institute of Technology, 1962
 JACOBO SANDLER GURVITZ, Lic. Ciencias Quimicas, Instituto Tecnológico y de
 Estudios Superiores de Monterrey, 1961; M.S., Technion, Israel Institute of
 Technology, 1963
 ABEL VILLARREAL, Licenciado en Farmacia, University of Panama, 1956

In French

- DAVID LEE RUBIN, A.B., University of Tennessee, 1962; A.M., 1964

In Genetics

- RUTH BROSI PHILLIPS, B.A., Swarthmore College, 1962; M.A., Indiana University,
 1964
 LUIS SILVELA-SANGRO, Ing.Agr., Instituto Nacional Agronomico (Spain), 1963;
 M.S., 1965

In Geography

- KEVIN ROBERT COX, B.A., University of Cambridge, 1961; A.M., 1963

In Geology

- JOSEPH SAMUEL ROSENSHEIN, B.A., University of Connecticut, 1952; M.A., Johns
 Hopkins University, 1953

In German

CHARLES FRANCIS DAIGH, B.S., A.M., 1960, 1962
 RICHARD JOHN ENGELBERT D'ALQUEN, B.A., University of Nottingham, 1956; M.A.,
 University of Alberta, 1962

In Library Science

RICHARD ALAN FARLEY, B.A., Northland College, 1940; B.L.S., University of
 Wisconsin, 1941; M.S., 1952

In Mathematics

JON MORSE LAIBLE, B.S., 1959; M.A., University of Minnesota, 1961
 THOMAS GEORGE RALLEY, B.S., Illinois Institute of Technology, 1961; M.S., 1963

In Mechanical Engineering

RONALD HUNTER HOWELL, B.S., M.S., 1958, 1959
 ILAN SILBERSTEIN, B.S., M.S., 1964, 1965

In Metallurgical Engineering

HOWARD BERTON AARON, B.Met.E., Cornell University, 1962; M.S., 1963
 CLINTON RIE HEIPLE, B.S., Stanford University, 1961; M.Met., University of
 Sheffield, 1962
 ROBERT WILLIAM HINTON, B.S., Lafayette College, 1959; M.S., 1961

In Microbiology

WELDON FREDERICK MAISCH, B.S., Illinois Wesleyan University, 1957; M.S., 1960

In Mining Engineering

HARRY FARA, B.S., College of the City of New York, 1954; M.S., 1959
 JOHN ROMAN STURGUL, B.S., Michigan College of Mining and Technology, 1961;
 M.S., University of Arizona, 1963

In Nuclear Engineering

CYRUS HALL ADAMS, A.B., Princeton University, 1961; M.S., 1962
 YAN NAING LWIN, B.S., M.S., 1958, 1960
 LAURENCE BERNARD MILLER, B.S., Illinois Institute of Technology, 1961; M.S.,
 1963

In Physical Education

ROY DOUGLAS MOORE, B.S., North Carolina College, 1947; M.S., 1948
 HARVEY FRANK MURPHY, B.S., Troy State College, 1954; M.A., Columbia Univer-
 sity, 1955
 PAUL MORGAN RIBISL, B.S., University of Pittsburgh, 1960; M.A., Kent State
 University, 1962

In Physics

JOHN THOMAS DONOHUE, B.S., Illinois Institute of Technology, 1961; M.S., 1962
 EDWARD RAY GRAY, B.S., M.S., 1960, 1962
 LEO JOSEPH GRIKE, JR., B.S., Drexel Institute of Technology, 1959; M.S., 1961
 ERIK PRESTON HARRIS, B.Eng.Phys., Cornell University, 1961; M.S., 1963
 JOHN SYLVESTER MOORE, A.B., Bowdoin College, 1961; M.S., 1962

In Plant Pathology

RODRIGO GAMEZ-LOBO, Ing.Ag., University of Costa Rica, 1959; M.S., University
 of Florida, 1961
 JAMES HOWARD SMITH, B.S., California State Polytechnic College, 1962; M.S.,
 1965

In Political Science

STEPHEN ARNEAL DOUGLAS, B.A., Kansas State University, 1960; A.M., 1961
 GARY WILLIAM HOSKIN, B.A., Drake University, 1960; M.A., Johns Hopkins Uni-
 versity, 1962
 ROZANN COLE ROTHMAN, A.B., Temple University, 1956; M.A., Louisiana State
 University and Agricultural and Mechanical College, 1958

In Psychology

- MARY JAYNE CAPPS, B.A., M.S., University of Oklahoma, 1962, 1964
 GEORGE JAMES SKRZYPEK, B.A., College of William and Mary in Virginia, 1962;
 A.M., 1964
 BERNARD RAYMOND WAGNER, A.B., University of Denver, 1962; A.M., 1965
 RODNEY ALLEN ZEGERS, B.A., Hope College, 1962

In Sociology

- CARLOS SCHMIDT-SANCHEZ, B.A., University of Puerto Rico, 1962; A.M., 1966
 JACOB SIEGMAN, A.B., Brooklyn College, 1953

In Spanish

- VICTOR N. BAPTISTE, B.A., M.A., University of Kansas, 1957, 1963
 GERALD WEGENER PETERSEN, B.A., Brigham Young University, 1961; A.M., 1963

In Speech

- ALAN GAILEY BILLINGS, B.F.A., University of Georgia, 1955; M.F.A., Carnegie
 Institute of Technology, 1958

In Statistics

- SEOK PIN WONG, Diploma, Chung Chi College, 1960; M.S., University of
 Delaware, 1962

In Theoretical and Applied Mechanics

- JOHN HENRY HEMANN, B.S., M.S., 1962, 1965

In Veterinary Medical Science

- DONALD O'QUINN MORGAN, B.S., M.S., North Carolina State University at
 Raleigh, 1957, 1963; D.V.M., University of Georgia, 1959
 JOHN FREDERICK VAN VLEET, D.V.M., Cornell University, 1962; M.S., 1965

Degree of Doctor of Education*In Education*

- GARY ALVIN BLADE, B.S., M.A., University of Minnesota, 1955, 1957
 GEORGE WILLIAM DAVIDSON, B.Ed., Illinois State University, 1939; M.S., 1940
 LEO BARRON HICKS, SR., B.S., Lincoln University, 1956; Ed.M., 1963
 EDWIN VINCENT KELLEY, A.B., University of California, 1947; M.S., DePaul
 University, 1951
 DAVID FREDERICK KOCH, JR., B.A., State College of Iowa, 1947; A.M., 1952
 FRANCIS ROBERT O'BLOCK, B.S., Youngstown University, 1959; M.S., Bowling
 Green State University, 1962

In Music Education

- JOE BARRY MULLINS, B.M., Southwestern at Memphis, 1944; M.M., George Pea-
 body College for Teachers, 1952

Degree of Doctor of Business Administration

- DANNY JOSEPH LAUGHUNN, B.S., M.B.A., 1961, 1963

Degree of Doctor of Musical Arts

- ROBERT CHANDLER GODWIN, B.Mus., Jacksonville University, 1956; M.Mus., Uni-
 versity of Rochester, 1957

Degree of Master of Arts*In Comparative Literature*

- SUZANA IRACEMA RIGOLETH, Licentiate, University of Sao Paulo, 1962
 GRAEME DOUGLAS COLVILLE TYTLER, B.A., M.A., Oxford University, 1957, 1963

In Economics

- JERROLD MELVIN PETERSON, A.B., Knox College, 1962
 JAMES DOUGLAS POSEY, B.S., 1964
 GUILLERMO SILDARRIAGA GIRALDO, Lic.Phil.etPed., Lic.Theol., Pontifica Universitas Catholica Xaveriana (Bogota), 1954, 1961
 KI-RYON SHIM, B.Econ., Seoul National University, 1961; M.A., Kent State University, 1964
 PHILIP LEE SWAN, A.B., Bowdoin College, 1964

In Education

- DONALD JAMES CUNNINGHAM, A.B., Wittenberg University, 1965
 MARIANNE CLAIRE RODERICK, B.A., Ohio Wesleyan University, 1963
 JUDITH PETERSON STEVENS, B.S., 1956

In English

- SHERRY LYNN ACKER, B.S., Florida State University, 1965
 ANDREW LENNART ADOLFSON, A.B., Wheaton College, 1965
 DUANE RUPERT CHRISTIANSON, B.A., Principia College, 1962
 WINFIELD SHAW CLARK, A.B., 1966
 DIANNE BENNETT GRAEBNER, A.B., A.M., Stanford University, 1964, 1965
 MARY ISABEL MARTIN, A.B., Bradley University, 1962
 ELIZABETH MARY MUZIK, B.A., Mundelein College, 1965
 GERARD JOSEPH NEUFELD, JR., B.A., Fordham College, 1965
 MICHAEL WALTER SKAU, A.B., 1965

In French

- MARY ANDREWS, A.B., 1964
 JANET MERRYL FRIEDMAN, A.B., Brooklyn College, 1964
 SYDNEY SION LEVY, B.S., 1965
 JACQUES FRANCOIS MALET, B.S., Memphis State University, 1963
 CAROLYN ANNE PETTIPAS, A.B., 1965

In Geography

- FRANK ALAN ERICKSON, B.S., University of Idaho, 1965

In German

- BENNIE SUE CURTIS, A.B., Auburn University, 1962
 ANTHONY JUNG, A.B., 1964
 PENELOPE CELESTE PEPPE, A.B., University of Mississippi, 1963
 LARRY ALLEN VIEHMEYER, B.S., Western Illinois University, 1964

In History

- MARGERY MARZAHN AMBROSIUS, A.B., 1964
 BARBARA KAY DALTON, A.B., Illinois Wesleyan University, 1962
 KEITH PATRICK GARLAND, B.A., Northwestern University, 1962
 WILLIAM JOSEPH LANCASTER, JR., B.S., Loyola University, 1961
 CHESTON VAUX MOTTERSHEAD, JR., A.B., Duke University, 1959
 DONALD JOSEPH PALKE, A.B., 1965
 THOMAS PAUL SCHLUNZ, A.B., Belmont Abby College, 1965
 RACHEL BRYAN STILLMAN, B.A., Eastern Washington State College, 1963

In Labor and Industrial Relations

- EDWARD GEORGE ALEXANDER, JR., B.A., Dillard University, 1961
 LOUIS HIRAM BLUMENGARTEN, A.B., University of Pittsburgh, 1964
 JONATHAN ROSS EISEN, A.B., Oberlin College, 1964
 KENNETH MACKENZIE JENNINGS, A.B., Knox College, 1965
 YOSHIHIRO MIZUNO, B.A., Keio University, 1962
 GARY WILLIAM REVIER, B.S., Le Moyne College, 1965
 GERALD GEORGE STERN, B.A., Harpur College, 1962
 ROBERT WAYNE STORM, B.S., 1964

In Linguistics

- DAUD ATIYEH ABDO, A.B., American University of Beirut, 1960
 STAMATIS TSITSOPOULOS, B.A., Colby College, 1963

In Mathematics

- JACQUES EMMETT LAFRANCE, A.B., Harvard University, 1961; B.S., University of Kansas, 1964
 DENNIS KING McMACKEN, B.A., Washington State University, 1965
 JAMES LAWRENCE PARKER, B.S., 1964
 MARK WILLIAM SCHUH, B.A., University of Chicago, 1965
 TERESA RUTH SERGEL, A.B., University of Michigan, 1965
 JAMES JOSEPH WOEPPEL, B.A., State University of New York (Buffalo), 1965

In Philosophy

- DENNIS JOHN CASPER, A.B., Cornell University, 1963

In Political Science

- RALPH EARLE BAKER, B.S., Bradley University, 1964
 FRANK OLIVER BEATER, B.S., Loyola University, 1965
 MYUNG CHEY, LL.B., Seoul National University, 1962
 ANN STEPHENSON HOPKINS ELDER, A.B., 1965
 JUANITA LUCILLE GARNER, B.A., University of Minnesota, 1965
 ANTON GEORGE JACHIM, B.A., DePaul University, 1962
 MICHAEL ANTHONY MURRAY, A.B., 1964
 CAROL JEAN PATTERSON, B.A., Park College, 1963
 RALPH RIKHINAND PREMNAS, B.A., Aurora College, 1965
 SUSAN MARIE RIGDON, A.B., 1966
 LINDA BETH SCHOLL, B.A., Brooklyn College, 1965

In Psychology

- EDWIN ANSGAR HALLSTEN, JR., B.A., Gustavus Adolphus College, 1956; B.D., North Park College and Theological Seminary, 1960
 ROBERT STANLEY HART, A.B., 1963
 ROSEMARY HAYS, B.A., Louisiana State University and Agricultural and Mechanical College, 1965
 DOROTHY LYNNE THORNE LEKARCZYK, A.B., Northeastern University, 1964
 SUSAN GILBERT O'LEARY, B.S., 1964
 RONALD GLENN SMITH, A.B., University of Chicago, 1961

In Russian

- RICHARD EVANS CULVER, A.B., Brown University, 1962

In Social Sciences

- JOHN JEROME JOHNSON, JR., B.A., University of Virginia, 1965

In Sociology

- JOSEPH RAPHAEL DEMARTINI, B.A., University of Santa Clara, 1964
 DOYLE PAUL JOHNSON, A.B., 1965
 CAROLE LAVINIA METHVEN, B.A.Hons., University of London, 1960
 ROBERT JOHN ROM, A.B., 1965

In Spanish

- BETTIE LOWI BAER, B.A., Michigan State University, 1964
 MARVIN ALAN DLUGO, B.A., Brooklyn College, 1965
 DRU DOUGHERTY, A.B., Hamilton College, 1965
 DOMINICK LOUIS FINELLO, B.A., Brooklyn College, 1965
 WILLIAM FRANCIS IMPENS, B.S., Loyola University, 1964
 CAROL EBERSOL KLEIN, B.A., DePaul University, 1965
 RAYMOND SPOTO, B.A., Northern Illinois University, 1962
 ALIX SARA ZUCKERMAN, B.A., Brooklyn College, 1965

In Speech

- JUDITH MULCAY HOLLINGER, A.B., Carthage College, 1965
 GEORGE WALLACE LOUDON, B.A., Harpur College, 1965
 LONNIE ALLEN PRESSNALL, A.B., Peru State College (Nebraska), 1965

In the Teaching of English

- WILLIAM SAMUEL LEVISON, B.S., 1965

In the Teaching of English as a Second Language

KATHERINE BLISS EATON, A.B., 1959

In the Teaching of French

ETHELNYNE DISHMAN, A.B., 1965

MARSHA FAY LUTCH, B.A., University of Massachusetts, 1963

In the Teaching of Social Studies

BARBARA JEAN BENHAM, A.B., 1965

SUSAN MILLER DRESBACK, A.B., 1963

EDWARD PAUL MOETZINGER, B.A., Marist College, 1965

DAVID LEE PREHODA, B.S., 1965

MARY ALICE REGNIER, B.S., 1966

RICHARD JOHN RINGHOFER, A.B., 1966

Degree of Master of Science*In Advertising*

HAROLD WORTH JOHNSON, B.S., 1965

KIYOSHI NAGATA, B.A., Osaka University of Foreign Studies, 1961

EDWARD GEORGE STONICH, B.S., 1965

In Aeronautical and Astronautical Engineering

JOHN STEPHEN KIRBY, B.S., 1964

PETER TSAN CHUNG LEUNG, B.S., 1964

In Agricultural Economics

PATRICK LOUIS BOURGEOIS, Diplôme d'Ingénieur Agronome, Ecole Nationale Supérieure Agronomique de Grignon, 1965

WARREN FORD LEE, B.S.A., Ontario Agricultural College, 1963

JOHN RODNEY LEMON, A.B., Monmouth College, 1964

NORMAN PAUL SCHNAKE, B.S., Southern Illinois University, 1965

In Agronomy

JIMMY MAXWELL CARTER, B.S., Clemson Agricultural College, 1964

WILLIAM RAY CRAIG, B.S., 1958

DENNIS BRUCE EGLI, B.S., Pennsylvania State University, 1965

LEON ROBERT FOLLMER, B.S., Western Illinois University, 1964

WILLIAM JOHN MURRAY, B.S., Illinois State University, 1964

WILLIAM MICHAEL SAGER, B.S., 1951

In Animal Science

MILTON LEROY ANDERSON, B.S., South Dakota State College of Agriculture and Mechanic Arts, 1965

SATYA PALL ARORA, B.V.Sc., Punjab University, 1950

IAN MACKENZIE BROOKES, B.A., Oxford University, 1964

EUGENE EVERETT MEGLI, B.S., Illinois State University, 1961

GEORGE MARVIN MILLER, B.S.A., Purdue University, 1962

In Architectural Engineering

WILLIAM RAYMOND BIELFELDT, B.Arch., 1965

CLARENCE ARTHUR STILLIONS, B.Arch., 1965

In Biology

MARVIN EUGENE TURBOW, B.S., Roosevelt University, 1965

In Ceramic Engineering

RICHARD SHARPLESS HARMER III, B.S., 1963

In Chemical Engineering

GERALD WILLIAM COOK, B.S., Gonzaga University, 1964

ROBERT FREDERICK RIETER, B.S.Ch.E., Purdue University, 1965

ROBERT LEE SOLOMON, B.Engr., Cooper Union, 1964
 ROGER EDWIN TOWER, B.S.Ch.E., Purdue University, 1964

In Chemistry

FRITZ SCHREYER ALLEN, B.Chem., University of Minnesota, 1964
 BETTY YUEH-ER CHIANG, B.S., National Taiwan University, 1965
 ROGER EARL CRAMER, B.S., Bowling Green State University, 1965
 BERT YOSHITO KIMURA, B.A., University of Hawaii, 1964
 JAMES ROBERT LAWRENCE, B.A., Bellarmine College, 1964
 JOHN ROBERT MULACH, B.S.Chem., Purdue University, 1965
 GEORGE SANZONE, B.S., 1965
 SISTER MARY MARK ELSBERND, B.A., Viterbo College, 1965
 NANCY KAY SKALA, B.A., North Central College, 1965
 RICHARD DALE SPENCER, A.B., Indiana University, 1964
 CATHERINE HELEN TRAVAGLINI, A.B., Rosary College, 1956
 DIANE DEE TULLIUS, B.A., Pennsylvania State College (Indiana), 1965
 GLENN CHARLES VOGEL, B.S., Pennsylvania State University, 1965

In Civil Engineering

MILOS BENES, Engr. Diploma, Czech Polytechnical University in Prague, 1951
 JOHN BERRA, B.S., 1965
 WEN-TAO CHANG, Diploma, National Pei Yang College of Engineering, 1938
 RUDOLF JOHANNES DU PREEZ, B.Engr., University of Pretoria, 1964
 ROBERT WYANT EMERSON, B.S.(C.E.), B.S.(Bus.), University of Kansas, 1966, 1966
 JOHN ERNEST GARLANGER, B.S., 1966
 THOMAS MICHAEL GAVIN, B.S., 1965
 ALFONSO GONZALEZ CARO, Ingeniero Civil, Universidad Nacional de Colombia, 1963
 KARIM HABIBAGAH, B.S., 1965
 DONALD JOSEPH HAGERTY, B.C.E., University of Louisville, 1965
 KRAIG ULLMAN HANSEN, B.S., United States Military Academy, 1962
 PAUL HENRY HENNING, B.S., United States Military Academy, 1963
 JOSEPH GABRIEL KALUS, B.S., 1966
 OZEL MEHMET KAVALCI, B.S., 1965
 KEITH KENNY KLINTWORTH, B.S., 1965
 WILLIAM GEORGE KOSCO, B.S., United States Military Academy, 1962
 GREGORY CLARKE MARTIN, B.E., Cooper Union, 1965
 MICHAEL EDWARD NADOLSKI, B.S., United States Naval Academy, 1963
 HENNING OTTSEN, B.S.C.E., New Mexico State University, 1965
 DENNIS ROBERT PULLAR, B.S., University of Alaska, 1965
 THOMAS EDWIN REES, B.S., 1965
 ROBERT JAMES REYNOLDS, B.S., 1965
 QUENTIN LAVERNE ROBNETT, B.S., 1966
 OMAR EDWIN ROOD, JR., B.S., United States Military Academy, 1965
 MANFRED FRANZ STOCKER, Diplom-Igenieur, Technische Hochschule München, 1963
 MEHDI TASOOJI, Dipl. Civil Engr., University of Tehran, 1965
 ASAN TEJWANI, B.Tech., Indian Institute of Technology (Kharagpur), 1961;
 M.Tech., Indian Institute of Technology (Bombay), 1964
 YONG NAM YOON, B.Sc., Korean Military Academy, 1963

In Commercial Teaching

CHARLES ALBERT KLINGSPORN, B.S., Northern Illinois University, 1960

In Dairy Science

WILLIAM VINCENT THAYNE, B.S., Cornell University, 1963

In Education

SANDRA TURNER ADDY, B.S., 1963
 CYRUS ROHRER, JR., B.S., Bradley University, 1943

In Electrical Engineering

ORAY BALASAYGUN, B.S., Robert College, 1965
 CHARLES RICHMOND BAUGH, B.S., Michigan State University, 1965

ROY IAN BECKWITH, B.Sc., University of Alberta, 1964
 DENNIS RANDALL BEST, B.S., University of Missouri (Rolla), 1965
 JOHN HENRY BRUNING, B.S., Pennsylvania State University, 1964
 ROGER ERNEST BUDRIS, B.S., Pennsylvania State University, 1965
 ROBERT CLAGUE COOLEY, B.S., 1965
 DAVID ALLEN DEWOLF, B.S., 1966
 JOHN WILLIAM ESCH, B.S.E.E., University of Wisconsin, 1965
 ROGER LEE FREDRICK, B.S., 1965
 TERRY GENE GADDESS, B.S., University of Colorado, 1965
 JAMES ERNEST HELLER, B.S., Newark College of Engineering, 1965
 SE JUNE HONG, B.Sc., Seoul National University, 1965
 DAVID ROGER HOWARTER, B.S., 1964
 ROBERT JAMES LEDBETTER, B.S., 1966
 PAIBOON LIMPAPHAYOM, B.Eng., Chulalongkorn University, 1962
 JAMES ALFRED MARTIN, B.S., 1966
 PETER ERNST RUDOLF OBERBECK, B.S., Worcester Polytechnic Institute, 1965
 JOHN ALLEN ROBERTSON, B.S., 1965
 DONALD STEPHEN SWATIK, B.S., 1965
 EDWARD JAMES VESELY, B.S., 1965
 ROBERT HENRY VONDEROHE, B.S., 1961
 DAUD ABDUL RAOUF ZEIN, B.S., 1965

In Finance

CLARENCE RONALD SPRECHER, B.S., 1962

In Food Science

LESLIE BLUHM, B.S., University of Massachusetts, 1963
 EDWARD EPSTEIN, B.S., 1964
 HIRO INOUE YU NISHIDA, B.S., University of Osaka Prefecture, 1961
 DEMETRI LOUIS PREONAS, B.S., Florida State University, 1964
 STEPHEN JULES SOGIN, B.S., 1964

In Geology

WILLIAM EMERSON COTE, B.A., University of Massachusetts, 1962
 ROBERT WILLIAM PIERCE, A.B., Monmouth College, 1962
 LESLIE ANSEL WEDDERBURN, B.Sc., University of London, 1964

In Home Economics

MARILYN MILLS MAFFETT, B.S., Eastern Illinois University, 1961
 NANCY MAE OHUCHE, B.S., 1963
 CAROL JEAN SLATER VOGLER, B.S., Western Illinois University, 1965

In Horticulture

WILLIAM FRANKLIN WHITESIDE, B.S., 1951

In Journalism

WILMA CECILIA BANGIOLO, B.S., Eastern Illinois University, 1961
 MARY COFFMAN EARLY, B.A., Bridgewater College, 1965
 GEORGE KIRBY HOLLAND, A.B., Knox College, 1963

In Library Science

CHRISTOPHER ANTHON, B.A., University of Iowa, 1965
 DAMARIS ANN BALES, B.S., Miami University, 1963
 BARBARA ANN BALTZ, B.A., University of Dallas, 1964
 BARBARA ELLEN BECK, B.A., Northwestern University, 1965
 CHARLOTTE BOSSI, Ph.B., Northwestern University, 1952; A.M., 1961
 ALICE BRYANT BROWNLEE, B.A., Maryville College, 1965
 SUSAN BURNS, B.A., Purdue University, 1964
 JEAN BRAXTON CASPER, B.A., Florida State University, 1959
 MARIANNE DALRYMPLE, B.A., Principia College, 1965
 MARC TAYLOR FAW, A.B., Murray State College, 1957
 PETER ANTHONY FREY, A.B., 1958
 CAROL MARIE FRINK, A.B., 1966

- KATHERINE FRANCES GOULD, B.A., University of Wyoming, 1965
 SALLY SUNDBROM GRANT, B.A., Washington State University, 1964
 CLAUDIA GAYLE HOLT, B.S., Ball State University, 1965
 SARA JOYCE HOOVER, A.B., MacMurray College, 1964
 BARBARA JEANNE HUMPHRYS, B.A., University of Wyoming, 1965
 OLIVE JOSEPHINE LAMB, A.B., B.S.Ed., M.A., University of Alabama, 1946, 1947, 1952
 NANCY LEE LAUTERWASSER, A.B., Eastern Kentucky State College, 1966
 SUSAN MARTIN, B.S., Kansas State University, 1963
 MICHAEL CHARLES MCGOINGS, B.A., Morgan State College, 1965
 LENORE GUSTAFSON NICHOLS, A.B., 1960
 LARRY THOMAS NIX, B.A., George Peabody College for Teachers, 1965
 ELIZABETH LIM PAN, A.B., 1963
 SOPHIE NANOUSI PAPAGEORGIU, Diploma, Aristotelian University of Thessaloniki, 1958
 GEOFFREY JAY ROTH, B.S., Southeast Missouri State College, 1965
 GRACE ELLEN SHOPE, B.S., Kutztown State College (Pennsylvania), 1962
 BETTE LOUISE WESSIES STEWART, A.B., 1964
 JOYCE SANBORN TOSCAN, B.S., Purdue University, 1962
 MARY ELIZABETH WINNIKE, B.S., Iowa State University of Science and Technology, 1962
 ELEANOR LESEURE YEOMANS, A.B., Milwaukee Downer College, 1939

In Management

- SAWSAN MOHAMED ZAKY ABDALLAH MOUSA, B.Com., Cairo University, 1963

In Marketing

- ABDALLA ABDEL KADER ALI HANAFY, B.Com., Post Grad. Dipl. Bus. Ad., Post Grad. Dipl. Marketing, Post Grad. Dipl. Cotton and Exchanges, Ein Shams University, 1952, 1953, 1954, 1956

In Mathematics

- JAMES LEROY CHRISTOPHER, B.S., 1965
 MICHAEL ALLEN COANE, B.S., 1965
 RAYMOND FOSTER FREEMAN, B.S., 1965
 DOUGLAS ROLAND GRASSE, B.A., University of Toronto, 1964
 VICTOR HENRY GUMMERSHEIMER, B.S., Southern Illinois University, 1965
 EDWIN HENRY KAUFMAN, JR., B.A., Millikin University, 1965
 YOUNG JIP KIM, B.S., M.S., Yonsei University, 1958, 1960
 LOUIS KURLAND, B.S., Brooklyn College, 1965
 DAVID HAROLD MONK, B.S., University of Iowa, 1960
 ROBERT KEITH NICKEY, B.S., 1966
 CAROL MITSUKO OGATA, B.S., 1965
 JOSEPH MERLE PORTER, B.S., 1965
 JOYCE ANNE RYBANDT, A.B., Illinois State Teachers College, North (Chicago), 1964
 JOHNSON DEVADHOSS SAMUEL, M.A., University of Madras, 1949
 SELWYN DYSON SMITH III, A.B., Princeton University, 1960

In Mechanical Engineering

- ISMET CANBEK, B.S., 1965
 ARCHIE MONROE DOERING, B.S., South Dakota School of Mines and Technology, 1963
 KENNETH EDMUND KASZA, B.S., 1965
 ANDRES ESTEBAN MELEG RUTTKAY, Ingeniero Mecanico, University of Los Andes, 1966
 RICHARD ALAN MOREAU, B.S., 1965
 GARY FRANCIS MORR, B.S., 1965
 RONALD LYNN MUSSLUMAN, B.S., 1965
 WILLIAM CALVERT SMITH, B.S., 1957
 DOGAN ULKEKUL, B.S., 1965
 FIKRET UNLUSOY, B.S., 1965
 RICHARD EDWARD WALSH, B.S., 1962

In Metallurgical Engineering

GERSON BERNARD BILOW, B.S., 1965
 DONALD CHARLES LOEBACH, B.S., 1965
 FREDERICK KARL ROEHRIG, B.S.M.E., Bradley University, 1965

In Microbiology

KENNETH WALTER ANDERSON, B.S., University of Washington, 1965
 FRANCES MARION COWLING, B.S., Illinois State University, 1962
 JOAN SHODDER GALLAGHER, B.S., Drexel Institute of Technology, 1964
 RICHARD HARRY HASCHKE, B.A., University of Texas, 1965
 BRUCE CLAYTON STRNAD, B.S., Fenn College, 1965
 ELAINE BEVERLY TROUSIL, B.S., 1963

In Mining Engineering

KOOK-NAM HAN, B.S., M.S., Seoul National University, 1961, 1963

In Music Education

FLETCHER CLARK ANDERSON, A.B., B.M.E., Birmingham Southern College, 1962,
 1962
 JOHN RAYMOND BIELENBERG, B.S., B.Mus., 1963, 1963
 JOHN DAVID CLINKMAN, JR., B.A., Maryville College, 1965
 JOHN WILLIAM LEMAN, B.S., 1962
 ROBERT JOSEPH MURPHY, B.S., Quincy College, 1963
 BRUCE ALBERT PRUETER, B.S., Indiana University, 1965

In Nuclear Engineering

DANIEL ANTHONY GILUCK, B.S., Aquinas College, 1965
 RICHARD ALLAN LERCHE, B.S., 1966
 KENNETH LEE PEDDICORD, B.S., University of Notre Dame, 1965
 CHARLES WESLEY ROWLEY, B.S., 1965

In Physical Education

EDITH HELEN KATZENELLENBOGEN, B.Sc., University of Stellenbosch, 1960
 TERRY ROGER SIMONS, B.S., Millikin University, 1963
 JACOB RALPH WATSON, B.S., Eastern Illinois University, 1962
 ROBERT LEE WITT, B.S., Illinois State University, 1958

In Physics

GEORGE PHILIP ARNDT, B.S., 1965
 LEON HAIG ASSADOURIAN, A.B., University of Pennsylvania, 1963
 JACK BENNET BARENGOLTZ, B.S., Carnegie Institute of Technology, 1965
 RUBEN GERARDO BARRERA PEREZ, Diploma, National University of Mexico, 1965
 KIN YING CHEUNG, B.S.E., University of Michigan, 1961
 PRISCILLA JANE COLWELL, A.B., Emmanuel College (Massachusetts), 1965
 STEVEN WADE DEPP, B.S., 1965
 ROBERT EUGENE ELLEFSON, B.A., St. Olaf College, 1965
 JOHN DAVIS FOSTER, B.S., Purdue University, 1965
 EDWIN RUDOLPH FULLER, JR., B.S., University of North Carolina, 1965
 DANIEL EDWARD GANEK, B.S., 1965
 MICHAEL FRANCIS GRAHAM, B.S., Illinois Institute of Technology, 1961
 HARRY RICHARD HICKS, B.S., Florida State University, 1965
 THOMAS WILLIAM HORST, B.S., Valparaiso University, 1965
 DANIEL MICHAEL KARAN, B.S., 1965
 EARL HARVEY KLUGMAN, B.S., Roosevelt University, 1960
 DAVID LEE KOHLSTEDT, B.S., Valparaiso University, 1965
 JEFFREY LINN LACY, B.S., Oklahoma State University, 1965
 HUBBERT LEE LEVERETT, B.S., United States Military Academy, 1965
 EDWIN ROLAND NAIMON, B.S., University of Wisconsin (Milwaukee), 1965
 WENDY TORRANCE POTTER, A.B., Occidental College, 1965
 ANDREW JOSEPH PURDES, B.S., 1965
 RICHARD WILLIAM REYNOLDS, B.S., Worcester Polytechnic Institute, 1965
 JAMES EVERETT ROBINSON, B.S., Eastern Illinois University, 1965
 RAYMOND MERVIN ROOP, B.Sc., Ohio State University, 1965
 LEONARD SCRUDATO, JR., A.B., Rutgers, The State University, 1965

- JAMES ALLEN SEBEN, A.B., Ripon College, 1965
 WILLIAM TURLAY STACY, B.S., Oregon State University, 1965
 ALFREDO ANDRES SUAREZ, B.S., Boston College, 1965
 WILLIAM CARLISLE THACKER, B.S., Georgia Institute of Technology, 1965
 DAVID ALLEN TIEDE, B.A., Miami University, 1965
 LARRY LEROY TSCHOPP, B.S., Pennsylvania State University, 1961; M.S.E., University of Pennsylvania, 1964
 AARNE OLAVI URVAS, Cand. Natural Sc., Cand. Philosophy, University of Turku, 1963, 1964
 JAMES WILEY WALKER, B.S., Baylor University, 1965
 ROBERT PAUL WALSON, B.S., University of California, 1965
 RONALD WAYNE WILKINS, A.B., Harvard University, 1965
 GEORGE THOMAS WILLIAMS, JR., B.S., Aquinas College, 1965
 LEWIS HENRY ZITZMAN, B.S., Brigham Young University, 1963

In Physiology

- DAVID LINDSAY GIFFORD, B.Ed., University of Miami, 1962
 JOHN DEMARION O'BENAR, B.A., Cornell College, 1964

In Plant Pathology

- MELVIN GOODRICH, B.S., Maryland State College, 1960
 GEOFFREY RONALD HUGHES, B.Sc.Agr., University of Sydney, 1959

In Recreation

- ROBERT AUKERMAN, B.S., Pennsylvania State University, 1965
 GLENN ROGER CERVENY, B.S., 1962
 RACHEL DICKASON ELLIOTT, B.S., 1953
 ANTHONY LUDWIG FLORIO, B.S., 1964

In Sanitary Engineering

- WILLIAM ANDREW BONNET, JR., B.E., Vanderbilt University, 1965

In Speech Correction

- CAROLE JANE MERHAR, B.A., University of Massachusetts, 1965

In the Teaching of Biological Sciences and General Science

- JEAN DONZE SCHOKNECHT, B.S., 1965
 PATRICIA ANN ZBILUT, B.A., Saint Xavier College, 1963

In the Teaching of Chemistry

- CATHERINE ANNE RYAN, B.S., 1965

In the Teaching of Geography

- ROBERT FRANK NELSON, B.S., 1965

In the Teaching of Mathematics

- JOY SANDRA BLOCH, B.S., 1965
 MARILYN SUE GUNDERSON, B.A., Chicago Teachers College — North, 1965
 SHIAO-LOONG PAULINE SHENG, B.A., Southern Illinois University, 1965

In Theoretical and Applied Mechanics

- CHARLES RANDOLPH CLIMPSON, B.S., Virginia Polytechnic Institute, 1965
 LYLE DEAN GERDES, B.S., 1962
 PETER DAVID HEIMDAHL, B.S., United States Military Academy, 1961
 JAMES CLYDE HICKMAN, B.S., 1965
 PAUL ANDERSON LILIENTHAL, B.S., Worcester Polytechnic Institute, 1964
 THOMAS FRANCIS MORIARTY, B.S., Worcester Polytechnic Institute, 1965
 THOMAS KOENIG SEYBOLD, B.S., United States Military Academy, 1959
 MILES AVERILL TOWNSEND, B.S.E., University of Michigan, 1958

In Veterinary Medical Science

- CARLOS ANTONIO GUERRERO, D.V.M., University of San Marcos, 1959
 JOEL LANGDON MATTSSON, B.S., D.V.M., University of California (Davis), 1958, 1960

In Zoology

STEPHEN DOUGLAS McRAE, B.S., Tufts University, 1964
 GRACIELA MEZA RUIZ, Q.F.B., National Autonomous University of Mexico, 1958

Degree of Master of Music

ROBERT VICTOR SCHOLZ, B.A., St. Olaf College, 1961

Degree of Master of Education

LINDA WEIL ALSBERG, B.S., 1965
 LINDA FERRILL ANNIS, B.S., Ball State University, 1964
 HATTIE VERA APPLEBY, B.S., Lincoln University, 1955
 BARBARA BEATY BENARD, B.S., Southern Illinois University, 1960
 JOSEPH KINGSLAND BIERBAUM, B.S., Southern Illinois University, 1963
 PATRICIA HILL BOYD, B.S., College of St. Rose, 1944
 JUDITH MILLER BOYER, B.A., Beloit College, 1963
 JOYCE ANN BOZARTH, B.S., 1962
 ERIC VANCE BRUMMITT, B.S., Eastern Illinois University, 1959
 PAUL ALLISON CLARK, B.S., Bradley University, 1964
 ALLAN PAUL CLINE, A.B., Southern Illinois University, 1958
 GLENN LEONARD CLINEBELL, B.S., Illinois Institute of Technology, 1934
 ALFRED JOHN COCKS, B.A., Butler University, 1954
 ROBERT DALE COTTINGHAM, B.S., 1965
 DAN EUGENE COURTNEY, B.Ed., Wisconsin State College, 1958
 MARION ELEANOR DEEGAN, B.S., Southern Connecticut State College, 1964
 EUGENE ANTHONY DEGRAZIA, B.S., 1963
 MARGARET CAROL EVANS, B.S., 1965
 MARGERY YOUNG FOGAL, B.S., Illinois State University, 1959
 FLORENCE LAND GOBERT, B.S., Illinois State University, 1962
 CAREN ARNOVE GOODMAN, B.S., 1966
 ROBERT JOHN GRANDCHAMP, B.S., New York State University (Oswego), 1963
 PATTY ANN HALL, A.B., Greenville College, 1960
 ANN TOBIN HART, B.S., 1962
 MELVIN RAY JACKSON, B.S., Knoxville College, 1963
 DOROTHEA JOAN JACOBSON, A.B., 1963
 BERTIL HOWARD JOHNSON, B.S., Mankato State College, 1963
 CAROLE LUCILLE JOHNSON, B.S., Illinois State University, 1959
 SHEILA JANE KIMMEL, A.B., 1965
 JAMES MELVILLE KRAATZ, B.A., Illinois College, 1958
 HAROLD EUGENE KRAINOCK, B.S., Eastern Illinois University, 1955
 WILLIAM FREDERICK LABAHN, B.S., Illinois State University, 1960
 LOIS MARDELLE LANGDON, A.B., 1953
 ALLAN CHARLES LAROCCO, A.B., Monmouth College, 1963
 CATHERINE GIBSON LE DUC, B.S., South Dakota State University, 1963
 SHERI MILLER LEVIN, B.S., University of Wisconsin, 1964
 CHARLES WILLIAM LINDSTROM, B.S., Northwestern University, 1960
 LAURESTON KIMBALL LUNDSTROM, B.A., University of Denver, 1961
 GAOFFREY ROBERT MCKEE, B.A., Coe College, 1965
 JANET SUE MILLER, B.S., Southern Illinois University, 1961
 NANCY JOHNSON MONKEN, B.S., Illinois State University, 1962
 JEANNE ELLEN MOON, B.A., Oklahoma Baptist University, 1962
 MARY LU MUFFOLETTO, Ph.B., De Paul University, 1959
 THOMAS JAMES NEAL, B.S., 1966
 JULIANA RU-RUNG NIU, B.A., Taiwan Normal University, 1965
 BONNIE JO NECHVATAL OLSON, A.B., University of Kentucky, 1962
 JAMES LAFAYETTE OWENS, A.B., Harris Teachers College, 1960
 CHARLES RAY PEARSON, B.S., 1950
 ROGER ALAN PEDERSEN, B.S., Carthage College, 1958
 ELAINE BEATTY PLAGER, B.S., Northern Illinois University, 1964
 STEVEN MICHAEL PLOTNICK, A.B., Northeastern University, 1965
 EDNA ADELE ROACH, B.S., Olivet Nazarene College, 1960
 PAUL DAVID ROSEN, B.S., 1964
 GAILA GRUBB ROSS, B.S., 1962
 JIMMY LEWIS ROSS, B.S., Agricultural, Mechanical, and Normal College, 1965

LEILA MARY SCHER, B.S., Southern Illinois University, 1965
 ARNOLD LEE SCHULTZ, B.S., Eastern Illinois University, 1959
 HAZEL JOANNE SCOTT, B.S., Southern Illinois University, 1964
 WAYNE LEONARD SIMMS, B.S., Illinois State University, 1962
 JOHN NICHOLAS SIMON, B.S., 1963
 HENRY BARRY SLOTNICK, B.S., 1965
 JEAN NEMETH SQUIER, B.S., 1960
 RAY LAVERN STEBNER, B.A., Central Washington State College, 1955
 JOE MILAN STEELE, B.A., Oklahoma State University, 1958
 ALFRED LEO STEGMAN, A.B., Knox College, 1956
 KATHERINE EILEEN STINE, B.S., Eastern Illinois University, 1962
 ERIC RICHARD STROHMEYER, B.S.Ed., Eastern Illinois University, 1964
 NEVA MINER SWARTZ, B.S., 1946
 ALVIN RANDOLPH SWEENEY, B.A., Pomona College, 1962
 BRIAN GLENN TELANDER, B.S., 1961
 DONALD BRUCE TREMPER, B.S.(Mgmt.), B.S.(Com.Tchg.), 1961, 1964
 ELIZABETH MARIE TROUTMAN, B.S., Northern Illinois University, 1964
 DONALD EUGENE WHITE, B.S., Southern Illinois University, 1961
 WILLA MOE WILSON, A.B., Colorado State University, 1962
 GERTRUDE STEINBERG WISEMAN, A.B., 1964
 CHRISTINE MARIE WOJTAS, B.S., 1962

Degree of Master of Comparative Law

STERGIOS ALEXIOU, Diploma, Aristotelian University of Thessaloniki, 1956
 HEN-CHIE CHEN, B.A., National Taiwan University, 1963
 YEAN HI LEE, LL.B., Seoul National University, 1964
 GUIDO SIENI, Dott. Jur., Università di Sassari, 1961

Degree of Master of Architecture

LOUIS JASPER GARAPOLO, B.Arch., 1966
 KENNETH JOSEPH GRITTER, B.Arch., Texas A & M University, 1965

Degree of Master of Accounting Science

MARTIN LOUIS BARIFF, B.S., 1966
 GARY ALLEN FOX, B.S., Illinois Wesleyan University, 1965
 EDWARD WILLIAM MONEYPENNY, B.S., St. Joseph College, 1964
 JOHN EDWARD SHARP, B.S., Miami University, 1965
 JOHN RAYMOND SIMON, B.S., Lewis College, 1966

Degree of Master of Business Administration

VANCE ALLEN ETNYRE, B.S., 1964
 VINCENT JOHN GERACI, B.S., 1965
 DAVID BERNARD VELLENGA, A.B., Calvin College, 1960

Degree of Master of Urban Planning

SHASHIKANT ANANT KALGAONKAR, B.Arch., M.Tech., Indian Institute of Technology (Kharagpur), 1963, 1964
 BRUCE MILTON KRIVISKEY, B.Arch., 1962
 FLOYD ARTHUR NICHOLS, A.B., 1959
 DONALD ERNEST ROSENBRUOK, B.S., University of Wisconsin, 1962

Advanced Certificate

In Education

CHRISTL FAUSER, Diplom-Psychologe, Christian Albrechts Universität (Kiel), 1964
 ROBERT HARRY FLAUGHER, JR., B.S., Eastern Illinois University, 1949; M.S., 1953
 BRUNO WILLIAM WAARA, B.A., M.A., University of Minnesota, 1949, 1950

Certificate of Advanced Study in Librarianship

WILLIAM BRUCE BERKHOF, A.B., Calvin College, 1960; M.A., Western Michigan University, 1962

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

HERBERT LEE ADEN	DENNIS LEE MANGERS
JOHNSON OLARISI ALAGUE, Honors	JOHN HENDLEY MATTESON
LARRY KENT ANDERSON	KENNETH GORDON McMILLAN, Honors
ROY ALLEN BAILEY	DALE LEON MEADORS
KENNETH HOWARD BAKER	DONALD RAY MEYER
GERALD REINER BAUER	STEVEN ALLEN MUNDY
PETER GEORGE CAHILL	ROGER ALLEN MUSSELMAN
DALLAS DEAN DEBATIN	ALBEN THEODORE MYREN, JR.
JEROME VINCENT DIEKEMPER	SAMUEL JOSEPH OCHS
WILLIAM ANTHONY FEIST	RONALD ARDEN PARKER
BERNARD JOSEPH FLOCK, JR.	WALTER KENNETH RANDOLPH
EDWARD DAN FLORREICH	DEAN CLIFFORD ROBERTS
CHARLES SAMUEL GAEDE	JOHN KIRBY RUTLEDGE, High Honors
LARRY DEAN GRAHAM	CHARLES LEE SCHESSLER
MARVIN LARRY GRAVES	WILLIAM ALLEN SCHMIDT
JON DAVID HACKER	SAM THEODORE STAKER, Honors
DAVID JACOB HARMS	JOHN JOSEPH THOMPSON
JOHN CLYDE HEDRICK	JOHN ARMAND TRANQUILLI, Honors
ROBERT RAYMOND JINKS	DONALD DALE VINCENT
MICHAEL JOHN KENYON	JOHN ORN VOLK
DAVID THANE LIGHTLE	L'AVERNE WILLIAM WOESSNER
JOHN WILLIAM MACKE	LARRY JOE WOOLEVER

In Floriculture and Ornamental Horticulture

THOMAS LESLIE ALLEN	THEODORE PAUL SPANBAUER
RONALD PETER BILD	

In Forestry

LAWRENCE BIGGINS	ALAN JAMES DETMERS
JAMES DARREL CARTER	ARTHUR CHARLES GRANGE
ROGER LINN COGSWELL	WILLIAM PORTERFIELD RUND

In Home Economics

RUTH SCHAFFER ARNOLD	KATHRYN ANNE MURPHY
LILY YE BAO	MARY BETH NELSON
JUDITH ELLEN FILIPOWICZ, Honors	JACQUELINE FINCH SMITH
CAROL GRACE GATES	CAROLE COCHRAN SYMPHERD
BARBARA JEAN HARRIS	PATRICIA JEAN WALL
SHARON KAY KENDALL	EVELYN MAXINE WHITESIDE
SHEILA ANN KINSELLA	LUCY ANNE ZIMMERMAN
SHERRIE HOUSTON MEYER	

In Home Economics Education

CLAUDIA KATHERINE FRIS	JUDITH ANN HOPPIN, High Honors
CHERYL EATON HARPER	

In Restaurant Management

JACK DANIEL LEAVITT

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical and Astronautical Engineering

LAWRENCE ELLWOOD BEAN	EDWIN RAYMOND DUBIN
ALAN ELIOT BELLINOFF	BYRON LYNN DUFF
CHARLES EUGENE BRICKEY	FREDERICK WILLIAM EMSHOUSEN, JR.
MANFRED BROSIG	CRAIG WRIGHT FARNSWORTH
JOHN GIBSON CLAYTON	THOMAS RANDALL HALE
BOHDAN STEVEN DACKO	ROBERT HOCHHALTER

TERRY RANDALL HOLT
 DONNA ORTGIESEN JASKE
 JOHN ROBERT KEYES, High Honors
 CHADWICK CANUTE KROGH
 RICHARD IRWIN KROLL
 RICHARD JOHN LANGREHR, High Honors
 GEORGE KENNETH MUELLNER
 JAMES KEITH PAPE
 HELMUT WALTER PARTMA
 ANDREW SASYK
 RONALD BRUCE SCHUH

WILLIAM JAMES SMITH
 JOSEPH EDWARD SMOLIK
 CARL EDWARD SUTTON
 RONALD RAYMOND TIMPSON, High Honors
 RIMAS VAICAITIS
 DELBERT ANDREW VOSS
 JOHN JAMES WALTERS
 JOSEPH WILLIAM WIDHALM, JR.
 RUDOLPH NICHOLAS YURKOVICH, High Honors

In Agricultural Engineering

ROBERT DAVID CARLSON
 ROBERT LEE CULLI
 RAYMOND WILLIS HAUK
 JOSEPH ROSS POPE

WILLIAM ADOLPH RUDOLPHI, Highest Honors
 LELAND PAUL WOLKEN, Honors

In Ceramic Engineering

JAMES VERNON BARNETT II
 DAVID BURKE DANIELSON
 CHESTER THOMAS HENSON, Honors
 DANIEL THOMAS KRUZIC

ROGER ALLAN MILLER
 JOSEPH JOHN MUCHA, JR.
 ROBERT SHELBY MULLEN
 RICHARD EDWIN NOVAK

In Civil Engineering

JAMES ALLEN
 PAUL EDWIN ANDERSON
 MANO LOCO BADAWI
 REZA BAHMANYAR
 JAMES MACK BASINE, Honors
 BYRON LEE BAXTER
 NORMAN EUGENE BOYS, High Honors
 JOSEPH WILLIAM BRUNO
 VICTOR CARL CORSETTI
 JAMES ROBERT COUGHLIN
 MICHAEL LEONARD COZZO
 GEORGE PAUL DALTON, Honors
 VERNON EUGENE DOTSON
 HERSHELL GILL, JR.
 HAROLD LEWIS GOTSCHALL, High Honors
 JAMES CLAYTON GRATTEAU, Honors
 DUANE ALAN HAINES
 CARL EDWIN HALE, High Honors
 DAVID LEE HELMAN
 JAMES EDWARD HIRST
 BRUCE MICHAEL JACOBSON
 LARRY ALLEN JEFFERS
 DONALD KIANG
 EDWARD ARTHUR KRAUSE
 KARL ARTHUR KRAUSE

RONALD JOSEPH KUTZ
 HOMER MAX LEE
 JAY MARTIN LIPKE
 TERRY KWAI-HOI MAH
 JAMES FREDERICK MANWARING
 THOMAS LEON MARTIN
 RONALD HENRY MASS
 MANUEL JOHN MOSKALUK, JR.
 CHARLES FREDERICK NELSON
 LARRY ALLEN PFLEDERER, High Honors
 JAMES JOSEPH POWELL
 RICHARD ELWYN RUPNOW
 JAMES DENNIS SCHILLO
 DOUGLAS JOHN SEAGREN, Highest Honors
 GORDON EDWARD SERNEL
 STANLEY STANLEY STANLEY, High Honors
 SEIICHIRO TOMIOKA
 KENT WILLIAM WANDREY
 MANDEL WEINSTEIN
 JERRY LYNN WILHOIT
 JOHN GREGORY WOLAN
 HARRY JAMES WOODS, JR.
 ROGER WAYNE WRIGHT

In Electrical Engineering

PATRICK MICHAEL A'HERN
 WILLIAM ARTHUR ALEXANDER
 JAMES WILLIAM ANANIAS
 LOWELL GORDON APPLE
 MUHIEDDIN BEYRAKDAR BARAZI
 GEORGE WARREN BASS
 ARTHUR MICHAEL BECKER, Honors
 RONALD HOLMES BIRCHALL
 KENNETH OWEN BISS

WILLIAM HENRY BLOCK, Highest Honors
 RICHARD THOMPSON BOROVEC
 ROGER DEANE BRADLEY
 JOHN BUDISELIC
 LAWRENCE ROBERT BUSCH
 FRANK JAMES CAHILL
 JACK VALENTINE CEFERIN, High Honors
 WILLIAM JOHN CELIO

SAN CHI CHUNG
 JERRY MICHAEL DAVIS
 HARRY ALLEN DIEL
 BENJAMIN EUGENE DREIDEL
 ANTHONY MICHEL DZEPINA
 FLOYD PHILLIP EDWARDS
 KENNETH GUSTAV EITENMILLER
 ATHANASIOS THEOFANIS GAVRIELIDES
 WALTER FREDRIC GOEDE
 DAVID EARL GOLD
 BRUCE ALAN GOLDMAN
 TERRENCE LEE GRIMES
 RICHARD ANDREW GROENWALD
 ROBERT ALVIN HENDRIX
 JOHN EDWARD HISKES
 TERRY NORMAN HOLDT, Honors
 JERRY DALE HYLAND
 KENNETH ANTHONY JULIAN
 ALAN GEORGE KALITZKY
 MASAYUKI KAMO
 GERALD EDWARD KERNAGIS
 WILLIAM JAMES KNUTSON, Honors
 RAYMOND EDWARD KORDUPLESKI
 JOHN GUST KOULIS
 PAUL ROBERT KUPLATY
 HENRY FRANCIS KUNZ
 ROBERT STEPHEN LEHOCKY
 LOUIS HENRY LINNEWEH, JR.
 ANTHONY EUGENE LISULA
 HAROLD ROY LOOMIS
 THEODORE RICHARD MAGIN
 JAMES PAUL MANDEL
 GEORGE P. MANTAS

RICHARD LEON MAYEUR
 JAMES ALLEN MCBANE
 LARRY ROSS McDONALD
 PAUL ALBERT MILLER, Highest Honors
 CLEMENT MOY
 KENNETH WAYNE MUSIL
 VINCENT EDWARD O'BRIEN, High Honors
 WILLIAM MARVIN OTT
 JEFF TASI-SHING PAN
 JOHN NICKOLAOU PANTANIZOPOULOS
 JOSEPH MARTIN PASKALE
 ROBERT RICHARD PATHA
 KONG HUI PUA
 RICHARD ALLEN RAGO
 RALPH FREDERICK RAU, JR.
 JOHN REJERIS
 ALBERT BRUNO RIGONI
 JENE LEROY ROBINSON, High Honors
 SAMUEL ELISHA SAYAD
 GARY HOWARD SCHENNUM, High Honors
 DANIEL JOHN SENESE, Highest Honors
 MARVIN STANLEY SIDDALL
 EDWARD JOHN SILHA, JR.
 CONRAD JOSEPH SKIBA
 JAMES RALPH SLAGER, High Honors
 KEITH DELMAR STENZEL, Honors
 NICHOLAS JEROME SUSNER
 WILLIAM WALLACE WARNOCK, Highest Honors
 WILLIAM ANTHONY WESOLOWSKI
 WINSTON GEORGE YONAN

PAUL EDWARD BURKE

In Engineering Mechanics

In Engineering Physics

MICHAEL CLEMENT DE JULE
 WILLIAM ALBERT ENICHEN
 WARREN STANLEY MACIAG
 MICHAEL DENNIS MASON
 JOHN MARTIN RANDOLPH

DAVID ALAN ROCKWELL, Highest Honors
 JERRY DEAN SCHERMERHORN
 KENNETH DICK TERLEP

In General Engineering

JACK JOSEPH BAKKER
 JESSE WAYNE BOEHLER, Honors
 DENNIS JAMES CALLAGHAN
 JAMES JOSEPH CORBETT
 WILLIE MORRIS DEAN, JR.
 JAMES EDWARD FREED

WARREN LARRY LAYNG
 GARY LANCE MARCUCCI
 ROBERT BENTON MARKEY
 ROBERT MICHAEL SULLIVAN
 MICHAEL NALANI SOICHI YOSHIMURA
 ROBERT LOWELL ZUMSTEIN

In Industrial Engineering

DON LEROY ANDERSON
 THOMAS JAMES HAWKINS
 JAMES RAYMOND JOHNSON
 RAYMOND CHARLES KADLEC, Honors
 DANIEL ANTHONY NIX
 LEE ROBERTS PENNINGTON III

HARISH CHANDRA AMARNATH PURI
 WARD WILLIAM RISTAU
 DENNIS RENOEL SANDERS
 DENNIS ROBERT STEVENSON
 ANDREW HUBERT WALKIE

In Mechanical Engineering

GEORGE DAVID BARTH
 YASAR BAYRAKTAR

PHILIP WAYNE BJEKICH
 ROGER ELMER BLOMQUIST

STEPHEN JAMES BUTLER
 NELSON CHEUNG
 WILLIAM CARL CLEFF
 THOMAS JOHN COLLINS
 SAMUEL COTTRELL IV
 JOHN VANMETER COYNER, JR.
 ROGER LEE CROZIER
 EARL CRITTLON DAVIS, JR.
 RICHARD HOWARD DODGE
 RONALD WILLIAM DURST
 MATTHIAS EDER, High Honors
 DONALD HORTEN FRENZL
 BRUCE ALLEN FULMER
 ABRAHAM FURMAN
 RALPH CODY GRAVROK
 EDWIN CONNER HACKLEMAN, JR.
 RICHARD ALLAN HALE
 MAURICE LEO HIGGINS
 GARY WAYNE HILL
 ALAN WILLIAM HOVLAND
 EDWARD THOMAS HULL
 ALEX MICHAEL KELLER

JAMES HAROLD KEMMERER
 ROGER LEE KENNEDY
 KENNETH RONALD KIRPLUK
 THEODORE JOHN LEHMAN
 JOSEPH MICHAEL LEPTICH
 GERALD VICTOR LOMBARDI, High Honors
 RONALD GEORGE MACHETTA
 ARMAND RICHARD MARTELL
 JOHN LESLIE MESKIMEN
 FIKRI OZDEMIR
 JOSEPH PRETTO
 PRESTON ORVILLE ROBARDS, JR.
 ANDREW ROVELSTAD, High Honors
 NELSON JACK ROWE
 CLIFFORD EDWARD SAMSON
 ERNEST JOSEPH SCHIRMER
 ARTHUR LEE SHERIDAN
 JAY BYRAN TROY
 SECL TUNCALP
 FRANK WILLIAM VENEZIA
 KLAUS WAHLE
 LAWRENCE JOHN WITTMAN

In Metallurgical Engineering

JAMES WINTER BOHLEN, Honors
 DWIGHT RICHARD DIERCKS, Highest
 Honors
 KENNETH DAVID EHRLICH

ROBERT WILLIAM HOWE
 WILLIAM FRANK JANDESKA, JR.
 JOHN MICHAEL LEFRERE

In the Teaching of Engineering Technology

GERALD WINSTON GLADDEN, Honors

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

CONNIE LORRAINE AMBROSE
 CHARLES HART ANGELL III
 JANIS ALNIS ANSBERG
 ROGER EUGENE ARBOGAST
 MARIA LUZ ASIN
 BONITA LEAH BELL
 CHARI REGINA BERGER
 PRUDENCE BETH BERLINE, Honors in
 Liberal Arts and Sciences
 VIDA MARIJA BICIUNAS
 WILLIAM GERALD BIRD
 ARABELLA BOETTCHER
 PAMELA SORGATZ BOUSQUET
 ANNA BROKS
 ROBERT WARREN BROWN
 BARBARA BAUER BURCHAM
 JOHN EDWARD CARLSON
 SALLIE ANN CARMACHEL
 MARGARET SNYDER CHANDLER
 SANDRA HELENE CHEZ
 ERIC DANIEL CHRISTIAN, Honors in
 Liberal Arts and Sciences
 DAVID ROSS CHURCH
 JIM E. CLEMANS, Honors in Liberal
 Arts and Sciences

DAVID IRA COHEN
 JOSEPH LEO CONOUR
 ELAINE ALICE CORBITT
 MARY LEE CORRELL, Honors in Liberal
 Arts and Sciences
 JANICE ELIZABETH CRUSOE
 WILLIAM EARL DALEY
 SAMMY RUTH DEAN
 STEVEN MULLER DELUE, Honors in
 Liberal Arts and Sciences
 CHARLES BEARD DOBBINS
 FRANCES WACHTER DOBBINS
 LINDA BARBARA DOLENAK
 JAMES ROBERT DORSEY, Honors in Lib-
 eral Arts and Sciences
 SUSAN HOLLY EDWARDS
 RICHARD DAVID FINHOLT
 PAMELA MARIE FLEMING, Honors in
 Liberal Arts and Sciences
 DONNAJEAN FLOHR
 ALAN STEPHEN FRIEDMAN
 THOMAS HAROLD FRITTS, Honors in
 Liberal Arts and Sciences with Dis-
 tinction in Zoology
 GAIL ANNE FURER

- STEWART GERARD GALLIN
 JOHN NICK GALLO
 HENRY LOUIS GARDNER
 NANCY ELLEN GARDNER
 EDWARD ALBERT GLAESER
 STEPHEN JAY GOULD
 DIANE LOUISE GRIFFIN
 ROGER DOUGLAS GROSSER
 GARY GRANT GULLETT
 ELIZABETH SCHOLZ GUSTAVSON, Honors
 in Liberal Arts and Sciences
 SANDRA CLAIRE GYORY
 JOHN MICHAEL HALL
 CHERYL SUE HALPERIN
 JEANNE TAYLOR HEMPHILL, Honors in
 Liberal Arts and Sciences
 WILLIAM JOSEPH HENNESSY
 GROVER MICHAEL HILEMAN
 PATRICE ELAINE HOLMES, Honors in
 Liberal Arts and Sciences
 JERI ZAREM HORTON
 CAROLE ANN GREEN JACOBSEN, Honors
 in Liberal Arts and Sciences
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 MARION CECELIA JOHANSON
 MARY ELLEN JOHNSTON
 JEROME JUNG, JR.
 KAREN LESLIE KALES
 MARTIN ALFRED KAPCHINSKI
 JAMES WILLIAM KEITHLEY
 STEPHEN PORTER KELLOGG
 LUCILLE ANN MARIE KEMPINSKI
 THOMAS ANTHONY KING, JR., Honors in
 Liberal Arts and Sciences
 JOAN BETH KLEMPNER, Honors in Lib-
 eral Arts and Sciences
 ALLAN LYNN KNUDSEN, Honors in Lib-
 eral Arts and Sciences
 ANDA KORSTS
 JOAN CLAUDIA KUHN
 BRUCE CARR LAMONTAGNE
 SUZANNE LANGDON, Honors in Liberal
 Arts and Sciences
 JAMES RICHARD LARSON
 ANN FLINSPACH LEWIS
 EILEEN BARBARA LIBBY
 GAIL WELLS LINDER
 ROBERT MAC ARTHUR
 CLIFTON COLEY MACLIN
 DANA FRANK MADISON
 THOMAS LEE MANN
 JACQUELINE MARASCO
 JAMES RICHARD MARSDEN, Honors in
 Liberal Arts and Sciences with
 High Distinction in Economics
 GEORGE THOMAS MATHIS
 CHARLES ROBERT MCGUIRE, JR., Honors
 in Liberal Arts and Sciences
 ROBERT DENNIS MCINERNEY
 RICHARD MICHAEL MCKINZIE
 MARSHA MCWILLIAMS
 MERI THREASA MEDZIAK
 ALAN MEYERS, Honors in Liberal Arts
 and Sciences
 JOAN MILDRED MICHALCIK
 ANITA WELLER MILLER
 JAMES LEONARD MILLER
 BEVERLY MAE MITCHELL
 DARRYL GEORGE MLEYNEK
 GREGORY EVAN MOCK
 WILLIAM ALBERT MOORMAN
 BURTON MARK MORGAN
 GERSON DAVE MOSBACHER
 JOSEPH WILLIAM MURPHY
 MICHAEL RALPH MUZOS
 MARIA ILONA NEMETH
 THOMAS HAROLD NETTLES
 SHARON LEE NIELSEN
 LINDA KAY NOWACK
 EMILIO ALEJANDRO ORTEGA
 EVELYN CAROL PAYNE
 JAMES CRAIG POTTER
 LLOYD LUTHER PREVETT, JR.
 HERBERT PETER RANGL
 JOYCE KNOWLES REYNOLDS
 CAROL JOHNSON RITA
 REUEL KENNETH ROBERTS
 INEZ LEE ROER
 NORMA L. ROGERS
 DONNA CORDES RUSSELL, Honors in Lib-
 eral Arts and Sciences
 MARCIA GESSNER SAAR
 LINDA WALTER SANDERS, Honors in
 Liberal Arts and Sciences
 ROBERT WILLIAM SAPORA
 ROGER BERNARD SCHNEIDER
 CARL WILLIAM SCHWEIKERT
 SUELLEN SCOGGIN
 JOHN H. SHAMLEY
 TARA KUMARI SINGWI
 ROBERT GRAY SMEATON
 JOHN EVANS SMITH
 SUZANNE JEAN SMITH
 STEPHEN EDWARD SORGATZ
 ANDRAS SPIEGEL
 CAROLYN HARLENE SPLEAR
 KENNETH EDWARD STARKE
 DONALD EVERETTE STEELE, Honors in
 Liberal Arts and Sciences
 HARRY JOHN STERLING
 CASSIE JOY STUTMAN
 HENRY ANDREW TELOH, Honors in Lib-
 eral Arts and Sciences
 JAY JOSEPH TENENBAUM
 ALLEN LEROY TESCH
 LINDA ANN THOMAS
 DOUGLAS LEROY VAN SELOW
 LEO EDWARD WALSH
 JEROLD LEE WEISS
 MARY ELIZABETH WIESEN
 MARY CHARLA YEDINAK, Honors in
 Liberal Arts and Sciences with
 High Distinction in History

In the Teaching of English

THOMAS RICHARD FARR	BYRON CARL NELSON, Honors in Liberal Arts and Sciences
SALLYANN HARWICK	APHRODITE NINOS
MARIAN LOUISE HULL, Honors in Liberal Arts and Sciences	FORREST WINSTON PARKAY
ELIZABETH ANNE HUMMA	EDITH CORNELIA REYNOLDS
THOMAS OTIS KELLY	MARLENE ANGELA SANTORE
DOROTHY AGNES KEMP	CHARMAINE LOUISE SCHROEDER
DIANE MAE KOERNER	KAREN LYNNE SILVERS, Honors in Liberal Arts and Sciences
ELIZABETH ANTOINETTE LIEBERSBACH	DANIEL BIHL SWIFT
BEVERLY DENNISON LUECKE, Honors in Liberal Arts and Sciences	RUTH ANN VOKAC
JOAN MARIE MAIER	FRANCINE LEA WHITE
TIMMIE DEAN MCNEESE, Honors in Liberal Arts and Sciences	BARBARA ELYSE WILSON

In the Teaching of French

JACQUELINE BRODSKY, Honors in Liberal Arts and Sciences with Distinction in the Curriculum	KATHRYN OLMSTED FORD
VINCENT RICHARD FALARDEAU	MARY ELLEN LARRIMORE, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

In the Teaching of German

THOMAS LESTER JOHNSON, Honors in Liberal Arts and Sciences	CAROL ELISE KING
	BONNIE NELSON SANDERS

In the Teaching of Russian

LOIS RUTH WRIGHT, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

In the Teaching of Social Studies

MICHELE ANN COOPER	LINDA SUE KATZ
ROBERT TYLER DRISGILL	MADONNA MARIE LEGGERO
ROSALIE EDITH HELM	KAREN IRENE PETERSON
JAMES FRANK JEWETT, Honors in Liberal Arts and Sciences with Distinction in the Curriculum	AVRUM BERL POSTER
KAREN KANADY, Honors in Liberal Arts and Sciences with Distinction in the Curriculum	LENORE SHERIDAN
	DAVID ERNEST TUNGATE, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

In the Teaching of Spanish

BARBARA BUERKLE BRADLEY, Honors in Liberal Arts and Sciences with Distinction in the Curriculum	BARBARA PATRICIA SHEILS
KATHLEEN ANN DONOHUE, Honors in Liberal Arts and Sciences with Distinction in the Curriculum	MIRIAM RUTH SIMON, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
NANCY LANE THORP FLYNN	JARI ANNE TAYLOR, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
HOLLY ANN NEUFELD, Honors in Liberal Arts and Sciences with Distinction in the Curriculum	KATHLEEN CHRISTINE WINTERS

In the Teaching of Speech

JOANNE MARIE COTICHELLI

Degree of Bachelor of Science*In Chemical Engineering*

RALPH JOHN ANDERMANN, JR.	RONALD PAUL HILST
RODNEY BRUCE DANIELSON	STEPHEN EDWARD KAYE, Honors in Liberal Arts and Sciences
VIKRAM DUTT	

ALBERT McCULLUM
ROBERT OWEN PETKUS
VICTOR JULIO SANCHEZ HUERTAS

KENNETH EUGENE SANDERS
RALPH LEE WOLTER, Honors in Liberal
Arts and Sciences

In Chemistry

JOSEPH AUGUST MURPHY, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

HAROLD DWIGHT PIERCE, JR., Honors in Liberal Arts and Sciences

EDMUND DELOS PUTNAM III

In Home Economics

JEAN ANN CLENDENIN

In Liberal Arts and Sciences

ELVEN JOHN AMUNDSON, JR.
BARBARA ANNE BARNES, Honors in Liberal Arts and Sciences
ALAN JAMES BEALS
SHARON WEHRLI BEHNKE
CLYDE MYRON BENFORD
PETER STEPHEN BLIDY
SHIRLEY BOHLEN BOHM
JOHN JOSEPH BRABENEC III
SARA FISHER BREEN
THOMAS REYNOLD BRODENE
PAUL MARTIN BUTKOVICH, JR.
WALTER ANTON BUTZ
EDELBERTO JOSÉ CABRERA
JAMES GEORGE CHICKLES
MELISSA MORGAN CLEAVES
DENNIS MITCHELL CONVERSE
LELA KENNEDY CRISWELL, Honors in Liberal Arts and Sciences
KATHRYN FAIRCHILD CROMWELL
THOMAS RICHARD CURTIS
ANTHONY JOHN D'ANGELO, Honors in Liberal Arts and Sciences
LINDA MAE DRYE
GAIL LOUELLA EDWARDS
HOWARD CARY EMMERMAN, Honors in Liberal Arts and Sciences
MARY KATHLEEN FAIRBANKS, Honors in Liberal Arts and Sciences
JANE ELIZABETH FAWCETT
JOHN FINDEIS
NORMAN DECATUR FISHER
KENNETH WAYNE FREER
DANIEL ALLEN FULMER
NEAL ALLAN GADLIN
DAVID EDWARD GIFFIN
WILLIAM DONALD GLOVER
INARA SILVIA GRIGOLATS
DANIEL PAUL HALENAR
JOSEPH KWOK-HUNG HO
SHARON MARIE HORNE
CLEO LE-O HUANG
HARTLEY FRANK HUTCHINS, JR.
NANCY JEAN JOHNSON
MARY ELLEN JOHNSTON
WALLACE WILFRED JONES, Honors in Liberal Arts and Sciences
DAVID MITCHELL KAUFMAN

HOLLY ANN KEHLE
PATRICIA SUE KEHOE
RICHARD WARREN KIEFFER
MICHAEL HUGH KNOWLES, Honors in Liberal Arts and Sciences
CHARLES SI PING KUNG
JEFFEREY JOHN LAMPOS, Honors in Liberal Arts and Sciences
KIN MAN LI, Honors in Liberal Arts and Sciences
LEE WILLIAM LITTLE
BRUCE STEPHEN LUND, Honors in Liberal Arts and Sciences with Highest Distinction in Mathematics
BONNIE LINDENMIER MATHIESON
ELAINE MARIE MICUS, Honors in Liberal Arts and Sciences
CHARLES WILLIAM MILLER
MELVIN PETER MILLER
RODGER JOSEPH MILLER
SHAN STEIDL MONTGOMERY
JUDITH KAY NENA
RUTH ANN NOBLE, Honors in Liberal Arts and Sciences
VALERIE ANN PAAPE
RAUL HERIBERTO PADILLA
EDWARD DONALD PAVLIK
BRUCE RENAY PRATHER
DONALD JEFFREY REBACK
RONALD SIGFRED ROBERTS
ALLISON LEE ROESKE
GEORGIA WAGNER RUSSELL, Honors in Liberal Arts and Sciences with Distinction in Microbiology
GOLNAZ SADRI
BARRY A. SALKY
KENNETH WAYNE SCHAWEL
MICHAEL WAYNE SELEP
SISTER MARY CLAIRE BICKHAM, Honors in Liberal Arts and Sciences
HERBERT JUNIOR SMITH, Honors in Liberal Arts and Sciences
MITCHELL LOYD SOGIN
ROGER CHARLES THOMPSON, Honors in Liberal Arts and Sciences
MARIA TING
MARY ELLEN WENSKUNAS
JACK LYNN WILBER

In Physics

- | | |
|--|---|
| PAUL PETER BUDNIK, Honors in Liberal Arts and Sciences | JEROME JAMES MADLER |
| MAURICE MELTON KLEE, Honors in Liberal Arts and Sciences | IRL WILSON SMITH, JR., Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum |

In the Teaching of the Biological Sciences and General Science

- | | |
|---|----------------------|
| CAROLE ADRIENNE KORENEVICH GANO, Honors in Liberal Arts and Sciences with Distinction in the Curriculum | SHARON HARVEY HAYTON |
| | HAROLD NEAL KAUFMAN |

In the Teaching of Chemistry

- THOMAS STEPHEN DEARING
 JAMES CUDDY GORDON, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

In the Teaching of Mathematics

- | | |
|---|---|
| CAROL ELIZABETH ANDERSON, Honors in Liberal Arts and Sciences | LOUISE DELIA PFEFFER |
| CHARLES PHILLIP CONWAY, JR. | NANCY-ANN DOROTHY SCHIERHORN, Honors in Liberal Arts and Sciences |
| DAVID ROY FAY | PATRICIA JOANN TURK |
| FAYE JUDITH GOLDFARB, Honors in Liberal Arts and Sciences | KARINE VOGEN WILLIAMS, Honors in Liberal Arts and Sciences with Distinction in the Curriculum |
| ALICE ELIZABETH HALPIN | |
| PAUL FRED WILGOT JOHNSON | |
| PAUL JOSEPH MONCZYNSKI, Honors in Liberal Arts and Sciences | |

In the Teaching of Physics

- EUGENE LEE SILLIMAN, Honors in Liberal Arts and Sciences

COLLEGE OF LAW

Degree of Bachelor of Laws

- | | |
|---------------------|------------------|
| PAUL STEVEN CHERVIN | JOHN EDWIN GADAU |
|---------------------|------------------|

Degree of Doctor of Law

- | | |
|--|--|
| DANIEL JAMES BOYER, A.B., Beloit College, 1964 | MICHAEL ROBERT KIEN, B.S., 1963 |
| WILLARD EDWARD FOX, A.B., 1964 | FRED RONALD KIMMEL, B.S.B.A., Roosevelt University, 1964; Honors |
| DANIEL JAY GALLINGTON, B.S., 1964 | THOMAS FREDERICK MUELLER, A.B., 1964 |
| ALAN JAMES GERTENRICH, B.S., 1964 | RAYMOND KENT RIGGS, A.B., Southern Illinois University, 1963 |
| LAWRENCE SAUL GOODMAN, B.B.A., University of Wisconsin, 1964 | LEON SIMON, B.S., Arizona State College, 1961 |
| JOHN AARON GORMAN, A.B., Illinois Wesleyan University, 1964 | JAMES EDWARD SULLIVAN, A.B., University of Notre Dame, 1961 |
| THOMAS HENRY GROVES, B.S., University of Colorado, 1964 | ROBERT STANLEY WAYT, B.S., Miami University, 1963 |
| LOWELL ALVIN HAHN, A.B., University of California, 1964 | |
| FRANCIS JEROME JAHN, A.B., 1964 | |

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In the Education of Mentally Handicapped Children

- | | |
|-----------------------|--------------------------|
| EILEEN LOUISE DZIELAK | MARY KATHERINE GUSTAFSON |
|-----------------------|--------------------------|

In Elementary Education

KAAREN JOHNSON ALLEN
 MARY FOSTER BARKER
 MARY COTCHER BOSTON
 JANE SANDERS BRASS
 LOIS ELLEN BRUCKMAN
 GILBERT MICHAEL CLARK
 MARSHA LYNNE CLARK, Honors
 IRIS CAROLINE CORROLL
 DAVIDA ROCHELLE COWEN
 MARY ELIZABETH KNIGHT DEPRATT
 ERIKA MARIE JURATE DILYS
 SUZANNE VEACH DUKER, Honors
 ELLEN ENDER
 ANN ELIZABETH EVANS
 TOBY JEAN FREY
 IRENE HELEN GECAS
 JUDITH MERLE GLICKMAN
 RICHARD CHARLES HAYDEN

CAROL HATLAND HEATON
 JESSICA MURIEL HILBORN
 ILENE YONNIE KAPLAN
 FRANCES VICTORIA KARPMAN
 DIANE MARIE KEHOE
 SUSAN JEAN LASHBROOK, Honors
 FERN BYRDIE LEVINE
 MELVIN LAVAUGHN NOE, JR.
 CELINDA ANN PAZMINO
 LUELLA SUE PHILLIPS, Honors
 CYNTHIA TURLEY REYNOLDS
 ROBERTA BOLON SHANIN
 EMY JO SHELDON
 LAURALEE ANN SUMNER
 MITSUKO TOMIYAMA, Honors
 ANN WEBSTER
 JERE LYNNE WHIPPLE
 LINDA ANNE ZEITER, High Honors

In Industrial Education

DUANE ALAN BOLIN
 CHARLES LARRY GARY

FARRIS LEROY McCALLISTER
 JOHN RONALD NEWBOE

In Secondary Education

MARY ELIZABETH BRAINARD
 RENEE EILEEN CARGERMAN
 DENNIS ALLEN ERICKSON
 RUTH NEALAND GIFFIN
 ROBERT EDWIN HULME
 RUTH ELLEN JONES
 PHYLLIS MAE MANNEL
 JUDITH BERRIEN MUNDAY
 GLEN EUGENE NEIFING

ELIZABETH TIDWELL NIETZKE, Honors
 JOAN BRANDENBURG PHEBUS
 SARAH CHRISTINE RIEMAN, High
 Honors
 MARY MINZEY SCHUTT
 NANCY SUE SHERRILL
 FOSTER LAWRENCE TRAVIS, JR.
 NANCY CAROL WEYTKOW

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Accountancy*

BENNETT MICHAEL ALBAN
 JERRY STEVEN ANDREEN
 ROBERT CHARLES BENSON
 PETER BORDEN BRUNE, Honors
 ROBERT ANTHONY DEBELAK
 PAUL DAVID FEURER
 WILLIAM PHILLIPS FREEMAN
 KENT WILLIS GAGEN
 ROBERT EARL GLAZEBROOK, JR.
 FRANK JOSEPH HADBAS, JR.
 JOHN WILLIAM HANSEN
 ARNOLD STUART HARRISON, Honors
 BERNARD ALAN HIRSCH
 ROBERT EDMUND HORSTMAN
 STEPHEN FRANCIS JABLONSKY, Honors
 JERROLD KAMENSKY
 MARTIN JAY KANTER
 TRACY IRENE KOPTIK

DONALD NORTON KRAFT
 RHONDA VICTORIA KRAMER
 SHARON EILEEN LIEDER
 ROBERT WILLIAM LYNCH
 DANIEL RAYMOND O'CALLAGHAN
 DAVID BARRY PATNER
 WAYNE LEE SCHROEDER
 PAUL GEORGE SOTOS, Honors
 ERNEST EDWARD STELTER III
 GARY HAROLD THORSEN
 GLENN WILLIAM TROTTER
 ROBERT JAYCOB WASHLOW
 JAMES GORDON WATSON, Honors
 MICHAEL LEE WELLS
 FRANCIS JOHN WOJCEHOWICZ
 DENNIS ELWYN WOOD
 CHARLES MICHAEL ZDENEK

In Commercial Teaching

EARLINE PEPPE CLEMINS
 SUSANNA GARDNER COCHRAN
 ABBY SUSAN ORLOVE

KATHERINE BROWN SCHOENEWEISS
 JANET LOUISE SIEBERT
 SHARON KAY TAYLOR

In Economics

THOMAS ANDREW CAMPBELL
ROBERT JOE ELLIS
JOHN ALAN LOWE
COLIN LAIRD McRAE
GEORGE JAMES PILCH

WILLIAM PATRICK RILEY, JR.
CHARLES ANTHONY ROSENBLOOM
ROBERT ANDREW ROSS
GEORGE ARISTEDES ZERVOS

In Finance

HOWARD JAMES BERMAN, High Honors
ROBERT ALLEN BLETTNER
GARY LEE CINNAMON
FRANK WESTMONT FOLEY, JR., Honors
RAYMOND FLORIAN JANIS
GILBERT LYNN JOHNSON, Honors
GARY EARL McLARGIN

PETER GRAY MILLS
LARRY ALLEN PALMERSON
LAWRENCE FRANK RAKUNAS
JOHN ROBERT RUCKER
JAMES ERNEST SCOTT
THOMAS RAYMOND WEIDNER

In Industrial Administration

TERRY JOSEPH ANHEUSER
DALE EDWARD ECKERTY
LAVERNE LEELAND KNODLE
HELEN NADEL LAVAN

HARLAN EUGENE LONG
HUNTER COURTLAND MOODY, JR.
CHARLES EDWARD PENNINGTON II

In Management

ROBERT CLARK BINGHAM
DONALD LEE BROWN
FRANK CHARLES EBERHEART
DAVID CARROLL ETHERTON
RONALD ALBERT KNEZ
RONALD JOSEPH KOLESAR
NOBERT MICHAEL KOZLOWSKI

STEVEN LEONHARD LURTZ
HENRY CARL NELSON
EDWIN KIRBY PAGE
CHARLES JOHN ULANOWSKI
JAMES ALAN WEISS
RICHARD DAVIS WILSON

In Marketing

PHYLLIS ANN BLACKMAN, Honors
CHRISTOPHER NAYLOR BLACKMORE
DAVID FRANCIS BURDLOFF
JOSEPH JAMES CHVATAL
FRED DANIEL CROWE
RICHARD JOSEPH DYBALA
SUSAN JANE ESHELMAN
KENNETH HENRY FELSMAN
JAMES ALVA FOSTER, JR.
CHARLES IRA FREEDENBERG
WILLIAM CLARENCE GEORGE
STEPHEN ANTHONY GILMOR
STEWART LESLIE HOWELL
WILLIAM HAROLD KRAUSE

RICHARD BARRY MAZURSKY
LAWRENCE JOHN MCINNES
KAREN LYNNE RICHTER
WILLIAM FRANCIS RODGERS
MICHAEL THOMAS SIDNEY, Honors
ROBERT PARKER SMITH
ROBERT DARRYL SOIFER
DAVID GERALD SWANK
ROGER BRUCE TERRY
JAMES JOSEPH VOPICKA
PETER SCOTT WELLS
JACK FREDERICK YOBSKI, JR.
STEVEN HARVEY ZIPKOFF

In Secretarial Training

JOAN BETH BRILL

COLLEGE OF JOURNALISM AND COMMUNICATIONS**Degree of Bachelor of Science***In Communications*

THOMAS DALE AKEMAN
CLAUDIA ANN BIKE
FRANK JEROME CHURCH
DENNIS GEORGE COOK
ROBERT KENT DAHLIN
MERLE WILDEY FERRIS
RANDY LAVERN HUFFMAN (Posthumously)
MICHAEL IMREM
KENNETH ALAN KROLL
ROBERT PAYSON LEAVITT

ROBERT JOHN MALLIN
JOHN ROY MCCLELLAND
CHARLES HENRY MEAD
ROGER FLOYD MECUM
TERRY DALE MOORE
JOSEPH FRANCIS PALKA
MARLENE AGNUS PIECUCH
MARY RUTH RUBIN
HOWARD ELIOT WEISSMAN
ANTHONY CARL WIMMER

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

JOSEPH HENRY BAIN	CARL FRANCIS NELSON
RICHARD CAMPBELL BAROCCA, Honors	WILLIAM ELMER NEMMERS
LARRY SPENCER BELL	VICTOR NICODEMO
DAVID FLETCHER BLEIFIELD	DOUGLAS ROBERT OKUN
ROBERT ALAN BUTLER, Honors	ORLANDO ORRACA-YON
JAMES RICHARD BYRNES	TERRENCE MICHAEL OWENS
RONALD ANGELO CAPPITELLI	CLIFFORD EUGENE PENNINGTON
NICKY KAN YIN CHEUNG, High Honors	STUART MEREDITH PETTIGREW
CLAUDIE EUGENE ELLIOTT	MICHAEL JAMES PLAUTZ, High Honors
THOMAS MICHAEL FELLOWS	FARHAD RAZI
RICHARD ALAN GABLER	ROGER IRVING REYES
JAMES ARTHUR GREIFENDORF	RONALD ANDREW ROLSING
WILLIAM TERRY HAVEL	MARTON SASS
RICHARD ALLEN HELMUTH	KENNETH ALBERT SCHROEDER
CHU KWONG HO	RICHARD EVERETT SEEDORF
ALEX JAMES JANSEN	ROBERT IRWIN SELBY
JO PHILLIP KONRAD	KENNETH GEORGE SHEBER
MURREL DAVID LEE	ROBERT STEVEN SLUZYSKI
PAUL FERDINAND MARKUNAS	RICHARD CARL SMITH
ROGER EARL MAYNARD	ROBERT ANDREW SMITH
RICHARD THEODORE MCREE	BRUCE CARL SPIKELL
ROBERT JOSEPH METELITS	NICHOLAS PETER TRUSKE
CHRISTINA MARIE MILES	EUGENE JOSEPH TRUST
DAVID CLARK MITCHELL	BARRY ALAN WEINSTEIN
PETER NALIS	MEHDI ZAHRIEH
CHARLES ANTHONY NAPOLI	

Degree of Bachelor of Fine Arts

In Art Education

MARY LOUISE ERICKSON, Highest Honors	SHARON EMMONS JOHNSON
NAOMI GREENBURG, Honors	KATHLEEN DIANE KYGER
DANIEL MURRAY IZARD, Honors	DOROTHY CHAPLAN VITA

In Crafts

PATRICIA LOUISE MARKEY, Honors

In Graphic Design

JAMES ROBERT BENEDICT	CAROL LYNN KEEFFER
JANICE ALDEN COUPER	DOREEN KORN
ROBERTA BETH DIMMER	JAROSLAVA LONHYNA KUCHMA
LINDA CLAIRE DUNLOP	KATHLEEN MARIE SCHEVERS
KATHLEEN ANN FRANCK	ALAN CLIFFORD WENINGER
LYDIA THERESE GERETTI, Highest Honors	

In the History of Art

ROBERT JAMES BANTENS	DOLORES JEAN SAKRY, Honors
JOANN KAREN NAGEL	

In Industrial Design

THEODORE WILLIAM BEISE	JAMES ANTHONY OSIKA
FLOYD JERRY DUBSON	WILLIAM JAY PALMER
JAMES ROBERT GROSS	EARL NIELSEN POWELL
PETER FRANK HAYTHORNTHWAITE	EDWARD JOSEPH ROSWOG
GARY BARRETT KEILL	JAMES EDWARD SONNENLEITER
RALPH CHARL KINGERY II	

In Sculpture

WILLIAM BRADFORD FROST

In Painting

LOUELLA HENNIGH BERLINER, Honors KAREN LYNNE THOMAS
 MARY LOU BELL MARKLAND

Degree of Bachelor of Music

KATHLEEN CAROL BUTKUS, Honors TOBIAS WILLIAM GOODMAN, Honors
 MARILEE ANNE DAVID

Degree of Bachelor of Science*In Music Education*

PAMELA RUTH ANDERSON	WILLIAM JOSEPH NICHOLLS
CHARLES EDWARD BRAUGHAM	TERRY JAY SCRANTON
JO ANN GERDES, High Honors	JAMES ROGER SIROIS
NANCY ELIZABETH HAMPTON	JIMMY SUE CANTRELL TROMBLEE,
CHERYL BAILLEU KEMP	Honors
MARTIN MICHAEL MULLVAIN, Honors	PAUL HARRY WESTLUND, Honors

Degree of Bachelor of Urban Planning

PETER JOHN HORAN JAMES FRANCIS McLAUGHLIN
 LOIS JANE KOCH

COLLEGE OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Health Education*

JAMES WILLIAM MASTERSON

In Physical Education

PERRY REED BEAL	ANNMARIE KOZEL
BETTY LOIS BENNETT	ANTHONY RAYMOND MORIARTY
LORELEI JEANNE BIGNER	MARTIN FRANK OZINGA
JUDITH ALICIA DELACRUZ	JUDIE PEARL PILAT
RICHARD JOSEPH FREEHILL	DIANA GAIL SCHWARTZ, Honors
CHARLES ROBERT ISAACS	DAVID RICHARD SMITH
RAYMOND TERRANCE KASPER	THOMAS DANIEL SMITH
DIANE SUE KIEFUS	BRUCE WILLIAMS

In Recreation

JAN MICHAEL BRIDGES	GAIL MARK
FLORENCE EDNA COOK	WILLIAM STOCKTON MEACHAM
SUSAN JEAN EDER	SUSAN BORTMAN VOPICKA
JAMES ROBERT GILLESPIE	DIANE CAROL WRIGHT
BARBARA JO LIBBY	

*Degrees Conferred at the Medical Center***COLLEGE OF DENTISTRY****Degree of Bachelor of Science in Dentistry**

TERRY JOEL ANNEX PETER CLARENCE KUHN

Degree of Doctor of Dental Surgery

BERNARD PAUL BRUMMER	THEOPHILUS BURRELL GRAY
VERNON DELMER DESELMS II, B.S.,	PAUL RUSSELL ANTHONY NICOTRA, B.S.,
1964	1965

COLLEGE OF MEDICINE**Degree of Bachelor of Science in Medical Technology**

GERALD JAMES RE

COLLEGE OF NURSING

Degree of Bachelor of Science in Nursing

DIANE JUNE BONITZER
MICHELLE CAROLYN COLLINS
WENDY MARGARET BELGARBO DART

ELLEN ADAMS HOELTGEN
DIANA JANE MARQUART, HONORS
BETTY MARIE WINGARD

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

HUBERT LEE BUSS

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations, cancellations, and declination; leaves of absence; changes in sabbatical leaves of absence; retirement.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was approved by the President of the University. C = College; S = Station; E = Extension.)

Chicago Circle

ROBERT J. ADELSPERGER, Special Collections Librarian, with rank of Assistant Professor, in the Library, nine months from December 1, 1966, \$10,150 a year, supersedes (12-15-66).

VICTOR N. BAPTISTE, Assistant Professor of Spanish, winter and spring quarters 1966-67, \$8,500 a year, supersedes (1-9-67).

SABINE CASTEN, Instructor in Chemistry, $\frac{1}{2}$ time, academic year 1966-67, \$3,700 (12-7-66).

ROBERT M. CRANE, Associate Professor of Education, $\frac{1}{2}$ time, indefinite tenure from January 1, 1967; and Associate Director of the Division of Education, $\frac{1}{2}$ time, eight months from January 1, 1967, \$15,700 a year, supersedes (12-22-66).

GEORGE HENDRICK, Professor of English, $\frac{4}{100}$ time, indefinite tenure, academic year basis, effective September 1, 1966, and Assistant Dean of the Graduate College, $\frac{5}{100}$ time, one year from September 1, 1966, \$16,700 a year, supersedes (12-3-66).

MYO K. KIM, Research Associate in Chemistry, eleven months from October 1, 1966, \$7,000 (11-30-66).

RALPH E. MEINTS, Instructor in Chemistry, academic year 1966-67, \$6,400, supersedes (12-15-66).

PAMELA H. PEARSON, Instructor in Psychology, $\frac{3}{4}$ time, winter and spring quarters 1966-67, \$6,000 a year (1-9-67).

ALFRED B. PULIN, Director of Laboratories, with rank of Instructor, Department of Chemistry, one year from September 1, 1966, \$12,000 (12-19-66).

KELVIN S. RODOLFO, Assistant Professor of Geology, winter and spring quarters 1966-67, \$9,200 a year, supersedes (1-9-67).

DONALD M. ROTE, Research Associate in Physics, academic year service basis, effective November 1, 1966, \$7,083.32, supersedes (12-10-66).

RADHAKRISHNAN SELVARAJAN, Postdoctoral Research Associate in Chemistry, ten months from November 1, 1966, \$7,000 (12-15-66).

PEDRO G. SOLIS-CAMARA VALENCIA, Research Associate in Information Engineering, $\frac{8}{100}$ time, one year from September 1, 1966, \$2,400 (12-16-66).

Medical Center

MAUREEN K. ARCHAMBAULT, Clinical Assistant Professor of Radiology, College of Medicine, $\frac{1}{100}$ time, eight months from January 1, 1967, \$760 a year, supersedes her nonsalaried appointment (1-13-67).

RAY F. BEERS, JR., Clinical Assistant Professor of Medicine, College of Medicine, eight months from January 1, 1967, without salary, supersedes his appointment with salary (1-4-67).

CAROL R. BENTZ, Instructor in Nursing, academic year service basis, effective January 3, 1967, \$7,500 a year (11-30-66).

- JEB BOSWELL, Instructor in Medicine, College of Medicine, eight months from January 1, 1967, \$12,000 a year (12-19-66).
- OTTIE P. CARTER, Assistant Director of Statistical Services, eight months from January 1, 1967, \$14,800 a year, supersedes (1-3-67).
- MARVIN J. COLBERT, Director of Health Service, eight months from January 1, 1967, and Associate Professor of Medicine, College of Medicine, indefinite tenure from January 1, 1967, \$21,000 a year (12-17-66).
- JAMES FAUNTLEROY, Staff Pharmacist (Hospital Pharmacy), College of Pharmacy, December 12, 1966-August 31, 1967, \$8,400 a year (12-22-66).
- MICHAEL V. HINKEN, Instructor in Ophthalmology, College of Medicine, one year from January 1, 1967, without salary, supersedes his appointment with salary (1-6-67).
- DON H. MILLER, Consultant in Statistics, in the Cleft Palate Center, College of Dentistry, $\frac{1}{3}$ time, ten months from November 1, 1966, \$5,000 a year (1-16-67).
- JANOS MOLNAR, Assistant Professor of Biological Chemistry, College of Medicine, one year from January 1, 1967, \$12,000 (12-7-66).
- ALLYN K. O'BYRNE, Clinical Instructor in Pharmacy, College of Pharmacy, nine months from December 1, 1966, \$10,000 a year, supersedes (12-15-66).
- RICHARD J. POWERS, Instructor in Medicine, College of Medicine, eight months from January 1, 1967, \$10,500 a year, supersedes (12-16-66).
- NORMAN B. ROBERG, Professor of Medicine, College of Medicine, and Associate Chief R and E Medicine, in the Research and Educational Hospitals, $\frac{2}{5}$ time, December 7, 1966-August 31, 1967, \$9,600 a year (11-23-66).
- SHARON VAVRIK, Staff Pharmacist, College of Pharmacy, eight months from January 1, 1967, \$9,000 a year, supersedes (12-16-66).

Urbana

- HOWARD B. AARON, Research Associate in Metallurgy (C), one month from December 1, 1966, \$750 (1-9-67).
- ROBERT W. BOKENKAMP, Assistant Dean of Engineering and Assistant Professor of General Engineering (C), nine months from December 1, 1966, \$14,000 a year, supersedes (12-12-66).
- IAN C. BOWERS, Instructor in Advertising, College of Journalism and Communications, $\frac{1}{2}$ time, Semester II 1966-67, \$1,550, supersedes (12-1-66).
- GEORGE K. BRINEGAR, Associate Dean of Agriculture and Director of International Agricultural Programs, for nine months from December 1, 1966; and Professor of Agricultural Economics, indefinite tenure from December 1, 1966 (C, S, and E), \$22,200 a year, supersedes (12-17-66).
- HARRY P. BROQUIST, Professor of Biological Chemistry, Department of Dairy Science (C and S), eight months from January 1, 1967, \$20,000 a year, supersedes (12-20-66).
- DEWEY E. CARROLL, Assistant Professor of Library Science, Graduate School of Library Science, Semester II 1966-67, \$10,500 a year, supersedes (12-19-66).
- ROBERT L. CARTER, Visiting Lecturer in the Graduate School of Library Science, $\frac{2}{3}$ time, February 1-June 15, 1967, \$1,000 (1-9-67).
- JOHN B. CLAAR, Consultant in Extension Administration for service in India under AID Contract USAID/nesa-150 for the periods: December 1 through December 15, 1966, and December 26, 1966, through February 3, 1967, \$25,850 a year; this supersedes his previous appointment as Director of the Cooperative Extension Service in Agriculture and Home Economics and as Associate Dean of the College of Agriculture, with rank of Professor, for the periods indicated (11-23-66).
- ROGER C. CONANT, Instructor in Electrical Engineering (C), $\frac{2}{3}$ time, academic year 1966-67, \$4,133.42, supersedes (1-5-67).
- HUGO W. COWES, Visiting Lecturer in Spanish, Semester II 1966-67, \$12,000 a year (12-17-66).
- ERIK DAL, George A. Miller Visiting Lecturer in the Graduate School of Library Science, two months from March 1, 1967, \$2,000 (8-8-66).
- MRS. JEAN M. DUE, Visiting Professor of Agricultural Economics (S), $\frac{1}{2}$ time, five months from January 1, 1967, \$3,125 (1-18-67).
- HELEN Z. FRY, Extension Communication Specialist and Instructor in Agricultural Communications (E), eight months from January 1, 1967, \$8,900 a year, supersedes (1-9-67).

- DAVID M. GARDNER, Assistant Professor of Marketing, College of Commerce and Business Administration, academic year basis, effective December 15, 1966, \$10,000 a year, supersedes (12-22-66).
- MRS. OFFRA GERSTEIN, Instructor in the Division of Rehabilitation-Education Services, College of Physical Education, four months from February 1, 1967, \$3,083.32 (1-9-67).
- WOLFGANG GOETZE, Research Associate in Physics (C), six months from January 1, 1967, \$8,400 a year (12-15-66).
- GARY A. HACK, Instructor in Urban Planning, Semester II 1966-67, \$3,500 (11-11-66).
- ALFRED G. HARMS, Associate Professor of Farm Management, Department of Agricultural Economics (S), December 1, 1966-March 15, 1967, \$3,850 (12-22-66).
- DAVID R. HERSHBERG, Assistant Professor of Spanish, academic year basis, effective December 1, 1966, \$9,400 a year, supersedes (12-21-66).
- TOSHIHIDE IBARAKI, Visiting Research Associate in Computer Science, Graduate College, one year from February 1, 1967, \$8,250 (12-10-66).
- FREDERIC M. JENKINS, Assistant Professor of French and of Linguistics, academic year 1966-67, \$9,850, supersedes (1-10-67).
- MUHAMMAD ASLAM KAHN, Research Associate in Chemistry, December 21, 1966-August 31, 1967, \$7,000 a year (1-3-67).
- JAMES KRIKELAS, Research Associate in the Graduate School of Library Science, eight months from January 1, 1967, \$5,200, supersedes (12-8-66).
- MRS. TSUEI-CHU MONG LIU, Research Assistant in Physiology and Biophysics, ½ time, nine months from December 1, 1966, \$2,118.78, supersedes appointment as Research Associate (12-23-66).
- DEAN C. MCKEE, Research Associate in Theoretical and Applied Mechanics (C), ¾ time, eight months from January 1, 1967, \$4,000 (12-26-66).
- VASUDEWAN NAIR, Research Associate in Chemistry, seven months from February 1, 1967, \$7,000 a year; and one year from September 1, 1967, \$7,000 (11-18-66).
- K. ANANTH NARAYAN, Assistant Professor of Food Science (S), one year from January 1, 1967, \$12,700 (1-9-67).
- GREGORIO NICOLAS, Research Associate in Plant Pathology (S), eight months from January 1, 1967, \$6,600 a year, supersedes (1-13-67).
- MRS. SOPHIE PAPAGEORGIU, Cataloger, with rank of Instructor, in the Library, seven months from February 1, 1967, \$6,600 a year, supersedes (1-13-67).
- LARRY L. PHEMISTER, Management Methods Analyst in the Statistical Service Unit, eight months from January 1, 1967, \$11,000 a year (1-10-67).
- JO ANN B. PIERCE, Extension Communication Specialist and Instructor in Agricultural Communications (E), seven months from February 1, 1967, \$8,700 a year, supersedes (1-9-67).
- THOMAS R. POUND, Research Associate in Electrical Engineering (C), one month from January 1, 1967, \$875, and from February 1, 1967 through June 15, 1967, \$4,300 (1-6-67).
- CLIFFORD W. SCHERER, Extension Radio Specialist and Instructor in Agricultural Communications (E), seven months from February 1, 1967, \$7,500 a year, supersedes (1-9-67).
- PAUL T. SCHICKEDANZ, Research Associate in the Illinois State Water Survey and in the Graduate College, four months from March 1, 1967, \$1,000 a month (1-13-67).
- ARNOLD SHUSTER, Instructor in Recreation and Municipal Park Administration, ¼ time, February 1, 1967-June 15, 1967, \$675 (1-4-67).
- THEODORE E. STEINER, Assistant Professor of Psychology, academic year service basis, effective November 15, 1966, \$9,000 a year, supersedes (12-10-66).
- CHIHIRO TAMURA, Research Associate in Chemistry, one month from January 1, 1967, \$625 (12-7-66).
- J. PATRICK TATUM, Research Associate in Chemistry, eight months from January 1, 1967, \$6,600 a year (12-19-66).
- GARY S. VESCELIUS, Visiting Lecturer in Anthropology, February 1-June 15, 1967, \$4,250 (9-20-66).
- FRANCIS G. WILSON, Professor of Political Science, nine months from September 16, 1966, \$17,400, supersedes (12-21-66).

- ECKARD A. F. WIMMER, Research Associate in Botany, November 28, 1966-August 31, 1967, \$7,500 a year (1-10-67).
 STANISLAW M. ZALEWSKI, Visiting Scientist in Food Science (S), six months from January 1, 1967, \$5,000 (1-4-67).
 VERNON K. ZIMMERMAN, Professor of Accountancy and Director of the Center for International Education and Research in Accountancy, Semester I 1966-67, \$9,000; Associate Dean of the College of Commerce and Business Administration, ½ time for Semester II and full time for the Summer of 1967, and Director of the Center for International Education and Research in Accountancy on ½ time for Semester II, \$22,000 a year, and Professor of Accountancy on indefinite tenure from February 1, 1967, supersedes (11-11-66).

RESIGNATIONS, CANCELLATIONS, AND DECLINATIONS

Chicago Circle

- MRS. MARJORIE J. CARLSON, Instructor in Biological Sciences — resignation effective January 1, 1967.
 KESTUTIS KIRVAITIS, Assistant Professor of Systems Engineering — cancellation effective September 1, 1966.

Medical Center

- M. SAMIR AMER, Research Associate in Pharmacology, College of Medicine — resignation effective December 19, 1966.
 MARGERY R. BAITTLE, Assistant Professor of Psychology, College of Medicine — resignation effective December 1, 1966.
 EVELYN McDONALD, Assistant Professor of Psychiatry, College of Medicine — cancellation effective September 1, 1966.
 HARRY D. MOSIER, Associate Professor of Pediatrics, College of Medicine — resignation effective January 1, 1967.
 VIVENTE B. SANTELICES, Instructor in Anesthesiology, Department of Surgery, College of Medicine — resignation effective September 1, 1966.
 LUCIA F. B. SOWERS, Instructor in Medical Social Work in Psychiatry, College of Medicine — resignation effective February 27, 1967.
 PATRICK B. STOREY, Clinical Associate Professor of Medicine, College of Medicine — resignation effective December 17, 1966.
 ALBERT TREGER, Assistant Professor of Medicine, College of Medicine — resignation effective January 27, 1967.
 ALEXANDER WOLF, Lecturer in Medicine, College of Medicine — resignation effective January 1, 1967.

Urbana

- EDWARD F. CAVANAUGH, Assistant Professor of Chemistry and Director of Laboratories — resignation effective February 11, 1967.
 ROBERT J. FREIBERG, Research Associate in Electrical Engineering — resignation effective January 10, 1967.
 OTTO G. GARA, Law Library Assistant with rank of Assistant Professor — resignation effective March 17, 1967.
 MRS. DONNA M. GOEHNER, Research Associate in the Library Research Center, Graduate School of Library Science — resignation effective February 1, 1967.
 FRANK H. HIELSCHER, Research Associate in Electrical Engineering — resignation effective March 1, 1967.
 JOHN J. MADDEN, Research Associate in Microbiology — resignation effective January 4, 1967.
 NICHOLAS MELACHOURIS, Research Associate in Food Science, Agricultural Experiment Station — resignation effective March 1, 1967.
 ROBERT W. RESEK, Associate Professor of Economics, Summer Session of 1967 — declination effective June 19, 1967.
 RANGASWAMY SRINIVASAN, Research Associate in Chemistry — resignation effective March 11, 1967.
 RICHARD E. SPEECE, Associate Professor of Sanitary Engineering, Department of Civil Engineering — resignation effective March 1, 1967.
 JOHN F. VAN VLEET, Instructor in Veterinary Pathology and Hygiene — resignation effective February 1, 1967.

- WILLIAM P. WILLIAMS, Research Associate in Botany—resignation effective February 1, 1967.
 FINN WOLD, Associate Professor of Biochemistry—resignation effective January 15, 1967.

LEAVES OF ABSENCE

Chicago Circle

- PAUL P. BOSWELL, Assistant Professor of Health Science—leave of absence, without pay, for one month from December 1, 1966, on account of illness.
 RAYMOND W. COLEMAN, Professor of Economics and Management—leave of absence, with pay, for three months from December 1, 1966.
 ABRAHAM LERMAN, Assistant Professor of Geology—continuation of his leave of absence, without pay, from January 1 through August 31, 1967, so that he may complete his work in Israel.

Urbana

- MICHAEL BARR, Assistant Professor of Mathematics—leave of absence, on one-half pay, for Semester II 1966-67, so that he may do research in categorical algebra at the Eidgenossische Technische Hochschule in Zürich, Switzerland.
 HUBERT V. CORDIER, Associate Professor of Radio and Television, and Head of the Department—leave of absence, without pay, Semester I 1967-68, so that he may accept an appointment as Visiting Professor of Speech at the University of Hawaii.
 MILTON DERBER, Professor of Labor and Industrial Relations—leave of absence, without pay, from June 19 through July 28, 1967, so that he may accept a teaching appointment in the Department of Economics at the University of Wisconsin for the 1967 summer session.
 FRANK D. MAGLIONE, JR., Supervisor of Counseling, with rank of Instructor, in the Division of Rehabilitation-Education Services—leave of absence, without pay, for four months from February 1, 1967, so that he may complete his research work for his doctorate in Educational Psychology.
 DRAGUTIN MAKSIC, Associate Professor of Veterinary Clinical Medicine, College of Veterinary Medicine—leave of absence, without pay, for one year from September 1, 1967, for work at the Animal Medical Center, New York, to help organize teaching and research in small animal dermatology.
 STUART S. NAGEL, Associate Professor of Political Science—leave of absence, without pay, for one-half time, for Semester II 1966-67, so that he may accept the Co-Directorship of the Legal Services Agency of the Champaign County Office of Economic Opportunity.
 P. N. RANGACHARI, Research Associate in Chemistry—leave of absence, without pay, from November 1 through December 15, 1966, due to family illness.
 ALEXANDER VUCINICH, Professor of Sociology—leave of absence, without pay, for Semester II 1966-67, so that he may accept a grant from the American Council of Learned Societies, in cooperation with the Academy of Sciences of the U.S.S.R., to do research on science in modern Russian culture.

CHANGES IN SABBATICAL LEAVES OF ABSENCE

Urbana

- DONALD W. LATHRAP, Professor of Anthropology and Head of the Department—sabbatical leave of absence changed from leave for one year from February 1, 1967, on one-half pay, to leave of absence for Semester II 1966-67, on full pay.
 SHERMAN PAUL, Member of the Center for Advanced Study and Professor of English—sabbatical leave of absence, on full pay, granted him for Semester II 1966-67, is cancelled, without prejudice.

RETIREMENT

Urbana

- HAROLD W. SCOTT, Professor of Geology, *Emeritus*, effective March 1, 1967.

RECESS AND EXECUTIVE SESSION

President Clement announced that an executive session had been requested and was being ordered following luncheon for consideration of recommendations relating to property acquisitions.

On motion of Mr. Swain, the Board recessed.

At the close of the luncheon, the President of the Board called on each of the retiring Trustees for remarks and each spoke briefly, expressing his personal satisfaction in having served as a Trustee. (The text of a statement presented by Mr. Dilliard, which he requested be included in the record of today's meeting, appears at the end of these minutes.)

Mr. Clement then referred to the existing "Trustee *Emeritus* Award" and declared that Mrs. Frances B. Watkins, Mr. Irving Dilliard, and Mr. Kenney E. Williamson be designated Trustee *Emeritus* and directed the Secretary of the Board to prepare an appropriate certificate for each retiring Trustee and a suitable identification card stating that they are entitled to all privileges and courtesies customarily extended to active Trustees of the University.

The luncheon program concluded with a brief statement by Director of Public Information C. E. Flynn who spoke in behalf of Dean Fred H. Turner, Director of the University Centennial, summarizing the major events being planned throughout the Centennial Year 1967-68.

When the Board reconvened in executive session, all members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes, except Mr. Dilliard and Mr. Jones who asked to be excused.

The Board considered the following business presented by the President of the University.

PURCHASE OF PROPERTY AT 903 WEST ILLINOIS STREET, URBANA

(23) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University of Illinois Foundation be requested to purchase the property at 903 West Illinois Street, Urbana, at a price of \$45,000 and lease the property to the University at a rental sufficient to pay the interest costs on a loan to the Foundation to purchase the property.

The property is located east of the Krannert Center for the Performing Arts and is required for future academic expansion. The lot size is 65 feet by 150 feet (9,750 square feet) and is improved with a two and a half story and basement frame residence and garage.

I concur.

On motion of Mr. Hughes, the purchase of this property at the price indicated was authorized by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Jones, Governor Kerner, Mr. Page.

ACQUISITION OF PROPERTY AT 511 EAST JOHN STREET, CHAMPAIGN

(24) In accordance with previous action by the Board of Trustees, condemnation proceedings were instituted for acquisition of the property at 511 East John Street, Champaign, which is required for expansion of parking facilities at the Urbana-Champaign campus. The case was tried in the Circuit Court of the Sixth Judicial Circuit on January 19 and 20, 1967, with a verdict returned on January 23, 1967, which provides for the vesting of title to the property in The Board of Trustees of the University of Illinois upon payment of the \$128,158.33 award.

In order to provide sufficient funds for this purchase and the remaining condemnation cases pending, it is recommended that the University of Illinois Foundation be requested to participate in this settlement, which payment must be made prior to the time additional state appropriations are available for land acquisition in the next biennium, and that the Comptroller and Secretary of the Board of

Trustees be authorized to execute the necessary documents as approved by the Legal Counsel including deeds to and leases from the University of Illinois Foundation to effect the settlement through Foundation participation.

I concur and recommend adoption of the following resolution.

**Resolution Regarding Colbert Property Located at 511 East John Street,
Champaign, Illinois**

WHEREAS, the Judgment Order of the Circuit Court of the Sixth Judicial District, Champaign County, Illinois, entered in, the condemnation case entitled "The Board of Trustees of the University of Illinois, a public corporation, Petitioner, vs. Ernest A. Colbert and Lucille S. Colbert, Defendants" No. 66-L-675, under date of January 30, 1967, provides that upon payment to the County Treasurer of Champaign County, Illinois, of the amount of the award in the sum of One Hundred Twenty-eight Thousand One Hundred Fifty-eight Dollars and Thirty-three Cents (\$128,158.33) title to the Colbert Property hereinafter described shall vest in this public corporation; and

WHEREAS, this public corporation desires that the University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, pay the amount of said award in accordance with the terms of said Judgment Order and lease said Colbert Property to this public corporation and under the terms of which lease this public corporation shall be granted an option to purchase said Colbert Property; and

Now, Therefore, Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that upon payment of said award in accordance with the terms of said Judgment Order by the University of Illinois Foundation, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver, in the name, and in behalf of, this public corporation and under its Corporate Seal, a Warranty Deed, and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to University of Illinois Foundation title to the property hereinabove referred to as Colbert Property and described as follows, viz:

Lot One (1) in Block Fourteen (14) of Assessor's Subdivision of Blocks Ten (10), Eleven (11) and Fourteen (14) of J. S. Wright's Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, and State of Illinois.

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Jones, Governor Kerner, Mr. Page.

Mrs. Watkins reminded the Board of the meeting of the Association of Governing Boards on April 16-18, 1967, in Urbana.

Mr. Johnston made a motion to recess, to reconvene at 1:30 p.m. on February 28, 1967, in the Governor's Office in Springfield at which time the proclamation marking the beginning of the Centennial Year of the University will be presented.

EARL W. PORTER
Secretary

HOWARD W. CLEMENT
President

STATEMENT OF MR. IRVING DILLIARD

MR. PRESIDENT :

I have asked your permission to express my appreciation to my fellow Trustees and the University administrators to whom I have addressed educational thoughts of mine at the conclusion of the agenda from time to time over the past six years. Since this is the last regular monthly meeting of the Trustees that I will attend, I would like to avail myself on this occasion of the further opportunity it affords.

I assure you it is not easy to do this now anymore than it has been in the past. At this juncture in the meeting, Trustees are putting their papers away ready, if not eager, to adjourn—in this case recess until February 28 at Springfield for the Centennial meeting—certainly not the best situation in which to take up a topic probably unpleasant or unpopular anyway.

Here I would, in passing, like to thank publicly Trustee Pogue and President Henry for their subsequent comments to me approving my remarks at the January meeting concerning the important service performed for the University by Mel Brewer in disclosing the distressing facts of illegal slush fund payments to students in the Athletic Department.

Today I would like to call attention to a remarkable piece of research conducted on the Champaign-Urbana campus in the field of student health. In my opinion it deserves widespread attention not just on the three campuses through University channels, public information as well as health services, but throughout the Nation. I refer to the pioneering University Health study some of whose findings appear in an article entitled "Cigarette Smoking and the College Freshman" by Dr. D. F. Dunn of the University's Department of Health Science, Champaign-Urbana. A summary of aspects of this study and findings appeared in the January 2, 1967, issue of the *Journal of the American Medical Association* (Vol. 199, No. 1, pp. 19-22).

Among other things, Dr. Dunn made a study of the smoking habits and academic performance of 3,567 freshmen enrolled in the University's required first-year course, Rhetoric 101. The research disclosed an amazing correlation between smoking and academic excellence. Here are the statistics reported from the Champaign-Urbana campus to the physicians and other medical workers of the United States :

Visualize please two columns, first the grade average, second the percentage of smokers :

A	—	16.7
B+	—	23.3
B—	—	28.7
C+	—	38.2
C—	—	40.8
D+	—	47.2
D—	—	54.9
E	—	59.1 — virtually 60%

More than half the September, 1965, dropouts were smokers. If these statistics are revealing—and they certainly were to me—they are confirmed by a double check Dr. Dunn made. Further research showed that relatively fewer students on scholarships smoke cigarettes. The figures are: freshmen students on full support by parents, 42.1 per cent smokers; students on partial scholarship, 34.4 per cent smokers; students on full scholarship only, 22.7 per cent smokers. This would seem to me to be university research of intense interest to everyone connected with and interested in the academic performance of students and especially to the Office of the Dean of Students. Dr. Dunn closes this article with words that required the kind of courage I admire. I quote exactly :

"Certainly the maintenance of optimum health is a much higher goal than discovery of a cure. How much longer can colleges and universities enjoy the status quo and collect revenue from campus cigarette sales knowing that smokers may pay later with years of disability or premature death? Freshmen who do not wish to smoke comprise a group toward which universities should focus effort in prevention."

I underscore the fact that these are not my words. I quote an associate professor of the University Health Science faculty at Champaign-Urbana.

Mr. President, it is now approximately twenty months since I introduced a motion to get the University of Illinois out of the cigarette pushing business. In that time, according to conservative medical statistics, more than 500 cigarette smokers have died every day of lung cancer in the United States. That becomes 15,000 lives lost a month for a total of more than 300,000—perhaps a third of a million since we voted 8—2 to keep vending machines on the University premises.

Imagine the outcry if we were losing that many lives in Vietnam or on the highways. Surely everyone of middle age in this room has lost one or more friends by lung cancer-smoking deaths in these twenty months. I can count at least a half dozen of my acquaintances in the newspaper field alone—lives unnecessarily shortened and hence to that extent partially wasted.

Since this Board wastes money if it knowingly wastes parts of productive lives after large investment by the taxpayers in public education, I hope the Trustees will take another look at its own responsibility in this matter. I have been informed, in answer to a question, that the University has not purchased, leased, or rented a cigarette vending machine in the time since my motion was introduced in September, 1965.

If that is so, could not this Board begin the formulation of a policy by limiting the number of vending machines to the present number, thus asserting it will add no more. Then could not the Board further say that it will not replace or repair a machine that breaks down? This would leave the University administration free to deploy its remaining machines. At the same time it would be a recognition of an eventual development—the fact that some day, as lung cancer and cigarette related illnesses skyrocket, the University along with all other colleges and universities will, under the force of public health pressure and demand, remove all its cigarette machines, as Harvard and the state universities and colleges in Kansas have done.

Let it be emphasized, Mr. President, that the issue here is not the right to smoke. Let anyone buy his cigarettes by the pack, carton, case, or carload, but buy them at a commercial store and not at a tax-supported state university which is under no urgency to compete with private, profit-making enterprise in these sales. Mr. President, this is truly a matter of life or death for uncounted thousands of University of Illinois students. Lives are at stake here.

Last October I attended a session of the Ninth World Cancer Congress in Tokyo, Japan. Although not all doctors agree, the medical profession as a whole considers that all the evidence it needs is in. Now it is seeking ways and means to prevent unnecessary loss of life by inducing young people not to start smoking.

Because I believe in supporting medical and university research, I have asked the Secretary of the Board to obtain copies of Dr. Dunn's article and send to all Board members, including the incoming members as of next month. I also hand a copy of this statement to the Secretary and ask him, with your permission, to make it a part of the official printed minutes of this meeting. Thank you very much.

Let me say finally that I am very glad to see so many students at this meeting of the Trustees. For this reason it is the most impressive and heartening meeting I have attended in the six years that I have been a Trustee. It looks as if I am leaving the Board at an exciting time.

Adjourned Session, February 28, 1967

When the Board met at 1:30 p.m. on Tuesday, February 28, 1967, in the Governor's Office, Springfield, Illinois, the following members were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Governor Otto Kerner, Mr. Ray Page, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Mr. Wayne A. Johnston was absent. Trustees-elect Mr. Donald R. Grimes, Mr. Ralph C. Hahn, and Mr. James A. Weatherly attended as guests.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Mr. George H. Bargh, Executive Assistant to the President; Mr. James J. Costello, Legal Counsel; Mr. Charles E. Flynn, Assistant to the President and Director of Public Information; Mr. A. J. Janata, Staff Associate, President's Office; Mr. F. H. Turner, Director of the University Centennial and University Dean of Students; Mr. W. H. Rice, Administrative Assistant (Legislative Relations), President's Office; and the officers of the Board, Mr. R. R. Manchester, Treasurer, and Mr. Earl W. Porter, Secretary. Mr. H. O. Farber, Comptroller, was absent.

HISTORICAL SETTING

Mr. Howard W. Clement, President of the Board, and Dr. David D. Henry, President of the University, spoke briefly to set the historical environment of the occasion. It had been one hundred years since Governor Richard J. Oglesby signed the law creating Illinois Industrial University (as the University of Illinois was known until 1885).

Governor Kerner read the following proclamation requesting an appropriate observance of the occasion setting aside the period from February 28, 1967, to March 11, 1968, for the Centennial Celebration.

On motion of Mr. Swain, the Board adjourned.

EARL W. PORTER
Secretary

HOWARD W. CLEMENT
President



The charter of the University of Illinois will be one hundred years old on February 28, 1967, a date which commemorates the signing of legislation creating Illinois Industrial University by Governor Richard J. Oglesby.

From February 28, 1967 to March 11, 1968, by action of the Board of Trustees, the University will commemorate the centenary of its founding. It is an occasion of great satisfaction to be able to bring greetings to our renowned state university and to reflect upon the rich and varied contributions which it has made to this state and nation.

The Illinois Industrial University was a product of the land-grant college movement of the mid-nineteenth century. As a part of a new educational tradition its founders and leaders held that higher education was not alone for the children of a privileged aristocracy but equally for the sons and daughters of farmers, artisans and shopkeepers as well.

The evidence is convincing that the original inspiration for the land-grant movement came from a citizen of this state -- Jonathan Baldwin Turner of Jacksonville. Illinois' support for higher education has always rested on the conviction that learning could be practical as well as academic, and that higher education should be open to all who have the will and ability to profit from it.

The University of Illinois has grown from humble beginnings to national and international distinction, achieving renown for educational excellence in the arts and sciences as well as in applied areas of educational endeavor. Through its extension services, cultural activities and instructional centers it has served every area of Illinois -- urban and rural alike.

In pausing to pay tribute to this great University, we join the more than 300,000 devoted alumni around the world whose daily lives are dedicated to the philosophy of public good. In looking ahead we see for it a distinguished future with continued expansion of its educational, research and service functions as it strives to meet, in the highest traditions of excellence, the ever-growing needs of the people of Illinois, of the Midwest, of the Nation and the world.

NOW, THEREFORE, I, Otto Kerner, Governor of the State of Illinois, do hereby proclaim the period from February 28, 1967 to March 11, 1968, as CENTENNIAL YEAR OF THE UNIVERSITY OF ILLINOIS, and request the appropriate observance of this historic occasion.

In Witness Whereof, I have hereunto set my hand, and caused the Great Seal of the State of Illinois to be affixed.

Done, at the Capitol, in the City of Springfield,
 this SEVENTH day of FEBRUARY, in the
 Year of Our Lord one thousand nine hundred
 and SIXTY-SEVEN, and of the State of
 Illinois the one hundred and FORTY-NINTH.



Otto Kerner
 GOVERNOR

Paul Powell
 SECRETARY OF STATE



ANNUAL MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

March 14, 1967



The annual meeting of The Board of Trustees of the University of Illinois was held in the Illini Union North, Urbana, Illinois, on Tuesday, March 14, 1967, beginning at 10:30 a.m.

President Howard W. Clement called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Theodore A. Jones, Governor Otto Kerner, Mr. Ray Page, Mr. Harold Pogue, Mr. Timothy W. Swain, Dr. James A. Weatherly.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, Chicago Circle; Chancellor Joseph S. Begando, Medical Center; Vice-President Eldon Johnson; Mr. George H. Bargh, Executive Assistant to the President; Mr. C. S. Havens, Director of the Physical Plant; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. James J. Costello, Legal Counsel; Mr. Glenn Terrell, Dean of Faculties, Chicago Circle; Mr. James B. Holderman, Assistant to the Chancellor, Chicago Circle; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. H. O. Farber, Comptroller; and Dr. Earl W. Porter, Secretary.

GOVERNOR KERNER

Governor Kerner spoke briefly, commenting upon the historical significance of the day: one hundred years ago, Governor Richard J. Oglesby presided at the first meeting of the Board of Trustees of the Illinois Industrial University. The day of that meeting fell on March 12, the second Tuesday of March, as is true of today's meeting.

NEW MEMBERS OF THE BOARD

The President of the Board welcomed the new members of the Board: Mr. Donald R. Grimes, Mr. Ralph C. Hahn, and Dr. James A. Weatherly.

STATEMENT OF PRESIDENT HOWARD W. CLEMENT

Mr. Clement addressed the Board as follows:

It has been my custom in the five years in which I have been President of the Board of Trustees to open the Annual Meeting with an address. Although I am sorely tempted to make this year an exception because of the magnitude of the immediate problems which press upon us, I, nevertheless, have concluded that it is this very circumstance that perhaps makes it appropriate for me to make a few observations. This, as I have indicated, is our first regular meeting in the second century of the life of this institution. As I recently told the Governor, I believe the University could appropriately add to the saying "the first hundred years are the hardest" the footnote: "P.S.—Look out for that 99th year."

Grayson Kirk, the President of Columbia University, has stated in a recent article, entitled "The University in Contemporary Society," that "university leaders nowadays seldom are free from involvement in some public controversy. They must manage what is in reality a large business enterprise, but one that is dedicated to non-business purposes, and they must do so in a way that will be acceptable to four different publics: the students, the faculty, the alumni, and that portion of the general public which on occasion is more lavish with its criticism than with its support. Academic administration usually is disliked by the students, viewed with suspicion by the faculty, and castigated by the public for not exercising an omnipo- tence that, in fact, it does not, and should not, possess."

President Kirk goes on to say that the most important characteristic of our universities today, however, is that they are the agencies where virtually all of our leaders are trained, or at least influenced profoundly in their attitudes, and that for this reason, society has a mounting concern over what goes on in the university.

Events of the past few months provide adequate evidence of the perspicacity of President Kirk in evaluating the contemporary scene.

With this mounting concern on the part of the public, it becomes increasingly apparent that one of the primary functions of a Trustee of a state-supported university is to provide an intelligent liaison between the citizenry of the supporting state and the members of the academic community. In my view, there is, at the moment, greater need for the performance of this function by the individual Trustees who are members of this Board than has existed at any time during the past eight years, during which time I have been fortunate enough to serve in the capacity of a Trustee.

Acting in that role of a means of liaison between the University and the public, I would first say this morning in response to a wave of public expression that has recently broken upon the Board membership, that, in my opinion, it never has been, is not now, and never will be, the proper function of a University to shelter its students from exposure to *unpopular* ideas. If such freedom is not preserved in this environment, we shall never succeed in retaining it elsewhere. Retention of this characteristic of our academic communities is inexorably bound up with our concept of a free society. It is extremely important that we truly *believe* that our greatest strength as a society lies in open and free expression. The moment we lose this faith, and begin to restrict such freedom, in the erroneous belief that we will be the stronger for it, we have tipped the balance in a direction of oppression and the eventual loss of the freedoms we erroneously believe we are protecting.

Virgil Hancher, the President of the State University of Iowa, has said, "I am often amazed at the lack of faith which Americans seem to have in the solidity and

vitality of democratic institutions, or the values of free discussion in controversy. In many an American's mind, there is an unacknowledged mental reservation that only that speech should be free that agrees with our point of view."

Let me quickly add that I am not advocating the *teaching* of sedition or subversion—obviously there are limits to that which can be tolerated even in the realm of ideas in a free society, even as there are in the realm of conduct. Free speech, necessarily is not a blank check. The fact that it was necessary for me to promptly add the limitation just stated is indicative of my sensitivity to the great propensity of many to misinterpret and lift out of context statements of those who hold different points of view on significant issues of the day. Too many, today, trade on or conform to misunderstandings of the public for their own partisan purposes. I am reminded of a retort attributed to Dr. Hutchins when he was President of the University of Chicago, who, when having been asked by an irate woman representing a patriotic organization, "Dr. Hutchins, you don't mean to say that you teach Communism at the university," replied, "Yes, madam, and we also teach cancer in the Medical School."

Again, let me quickly elaborate. Obviously what Dr. Hutchins was referring to was the fact that they taught *about* Communism at the university, as well as teaching *about* cancer in the Medical School. To deal intelligently with Communism, it must be first understood that among its characteristics is that it is a conspiracy to conquer the world by force and violence conceived and implemented by a power foreign to the United States. However, throughout all of what I regard as the intelligent comment of the danger of Communism, runs the recurrent theme that to fight Communism, we must first understand it. The radical elements which operate at both fringes of the political and ideological spectrum should be known for what they are—whether we are talking about the Ku Klux Klan on the far right, or the Communist conspiracy on the far left.

Superimposed upon the backdrop of the American tradition of free speech, and the wide-ranging political and ideological spectrum which exists within this environment, are such basic precepts in our legal system as the presumption of innocence until proven guilty. This concept is somewhat better understood than the concept which provides for protection against self-incrimination, but, nevertheless, we tend to apply it unevenly. We tend to apply a stronger presumption of innocence to those with whom we can identify than those whom we regard as being different from ourselves for such reasons as race, creed or color, for example. Likewise, one who applies this standard of presumption of innocence to an *alleged* Communist may be immediately regarded as "soft on Communism," or perhaps even a "weak sister." On the other hand, one who applies this same standard of a presumption of innocence to an outwardly respectable businessman who is alleged to have engaged in criminal activity, is never accused of being "soft on crime," but on the contrary, is regarded as a fair-minded, level-headed citizen.

All of this being said, how does this relate to the duty of a Trustee of a state-supported institution? A number of issues are currently before us which have evoked the interest and vociferous comment of the four different publics referred to by President Kirk, namely, the students, the faculty, the alumni, and the citizenry of the state in general. All of these issues in varying degrees relate to the basic concepts to which I have previously alluded, such as free speech, academic freedom, presumption of innocence, and—I would add as another important one—the due process of law. These are all complex questions—matters upon which reasonable men can disagree, and matters in which the critical question is where to draw the line, a question which Justice Holmes, at one time, characterized as "the only question worth arguing."

Obviously, the differences with which we are dealing on these questions are *not* the differences between the shades of black and white. Rather they fall within a gray area. I say this, notwithstanding the viewpoint of the zealots on both sides of the line, who regard those of a differing view as dedicated enemies of the state. In a gray area, this is nonsense. One who takes his stand on one side of the line can be as much a friend of academic freedom and free speech, in the overall view, as one who takes his stand on the other side of the line. If the line however is gradually moved in one direction or the other by recurrent decisions, then it becomes apparent that the differences between philosophies are real and meaningful. To call one who stands on one side of the line "unpatriotic," as against one who stands on the other side is a favorite tactic of militant groups, which have, throughout history, sought to apply excessive cures which have been greater evils than

those which they were, ostensibly, designed to alleviate. Adlai E. Stevenson had this in mind when he said, "to strike freedom of the mind with the fist of patriotism is an old and ugly subtlety."

Referring once again to President Kirk of Columbia, in the same article, referred to above, he has this to say about the fact that the communications gap between expert and layman is steadily widening.

"This is a source of possible danger to a democratic society in a complex world. Any layman has a citizen's right to disagree with policy decisions reached by his public officials, but he ought to hesitate before he asserts that his own view, which may be little more than a visceral, emotional reaction, is just as valid as that held by those who may have lived with the problem for a long time, who have access to all sources of information, and who have the responsibility for the consequences of the decision they have reached. Wisdom consists of knowing what one does not know, quite as much as of knowing what one does know. Our graduates should have the sophistication of intellect to recognize the difference between the two."

One word should be added about the need for *civility* in a democratic society. Mr. Morris Leibman, a prominent Chicago attorney, in a recent address at a luncheon sponsored by the Chicago Crime Commission, made the following observation:

"It is claimed by some that civil disobedience is one of man's highest moral acts; that a truly moral man is one who, encountering a law he deems unjust, will disobey that law. The moral man, they argue, is the man who transcends the law for the higher moral justness beyond.

"I believe that the democracy we have created in this country is the most ideal system and environment a moral man could hope to find. For his concern with the natural law, the higher law, he is not banished—frustrated—from society. Rather, he is given maximum avenues of protest. He is given the remarkable opportunity to present his moral opposition to the law through machinery provided by the democratic framework. He is allowed—even encouraged—to improve man-made laws and bring them closer to a higher moral law. The voice in the courts, not on the streets, will strike the 'immoral' laws.

"Civil disobedience is impractical because it makes an enemy of the law and offers no valid substitute. When used as a mass tactic it verges on anarchy. Anarchy is the antithesis of freedom and justice. To continue to practice it in the face of this reality and where social reform is operative, is fanaticism."

Mr. Leibman has eloquently expressed what I believe to be the proper limits of activism. Dr. Henry likewise has repeatedly affirmed the right of demonstration, but only demonstrative action which is within the law and within the rules of the academic society in which we live. We should all heed Section 20 of Article II of the Constitution of the State of Illinois, which contains an admonition which is equally applicable to both the activist and the conservative. It states, "A frequent recurrence to the fundamental principles of civil government is absolutely necessary to preserve the blessings of liberty."

Let us fervently hope that any change in the social and political structure of this campus, where found necessary, will be by orderly process; that the time-honored tool of meaningful dialogue will not be replaced by what Mr. Leibman has called "civil delinquency," and that a decent measure of courtesy and self-restraint in our dealings with others will be observed, since this is a prime requisite for the health of a democratic society.

Let us reason together to find the better way, and avoid the pitfalls typified by the woman who closed her communication to me on the DuBois Club with the statement: "I am not signing my full name—I am afraid of Communists—they stop at nothing, and I am not sure but what you may be one, too."

A final point that I would make in closing is that throughout my years of service on it, and apparently long before that, it has been the custom of the members of this Board to leave their political hats outside the meeting room. A truly bi-partisan approach has been the order of the day, with the advancement of the University being the common goal of all members. I sincerely hope that this will continue to be true in the years to come.

Finally, let me say that I have complete confidence in the fact that this University will move on to even *greater* heights in its next one hundred years, and will live up gloriously to its Centennial motto, "From a Distinguished Past, a Promising Future."

It has been a great privilege to serve it in the capacity I have held in the last five years.

This report was received for record and with applause.

ELECTION OF OFFICERS

The Board took up the special order of business for the annual meeting and Mr. Clement called for the election of officers.

President of the Board

Governor Kerner nominated Mr. Wayne A. Johnston; Mr. Hahn seconded the nomination and Mr. Swain spoke in support of the nomination.

Governor Kerner moved that the nominations be closed and that the Secretary be instructed to cast a unanimous ballot of the Board for the election of Mr. Johnston as its President to serve until the next annual meeting of the Board of Trustees in March, 1968, or until his successor shall have been elected.

The ballot was so cast, and Mr. Johnston was elected President of The Board of Trustees of the University of Illinois. He took the Chair.

The Board expressed its appreciation to Mr. Clement for his services as President, and Mr. Pogue offered the following resolution.

To Howard W. Clement

The Board of Trustees of the University of Illinois hereby expresses its grateful appreciation of your services as its President during the past five years.

During those years you have shown yourself an able and conscientious leader in the Board's deliberations on the increasingly complex problems and issues which have faced it.

You have been an articulate — yet always thoughtful and judicious — representative of this Board on the Illinois Board of Higher Education, in addition to acting as its spokesman on matters of interest to the public.

The Board of Trustees directs that this resolution be incorporated in the minutes of today's meeting to become a part of the official record.

This resolution was unanimously adopted.

Secretary of the Board

Mr. Hughes nominated Mr. Earl W. Porter.

On motion of Governor Kerner, the nominations were closed, and Mr. Porter was declared elected Secretary of the Board, to serve until the next annual meeting of the Board in March, 1968, or until his successor shall have been elected.

Comptroller of the Board

Mr. Jones nominated Mr. H. O. Farber.

On motion of Governor Kerner, the nominations were closed, and the Secretary was instructed to record the unanimous ballot of the Board for the election of Mr. Farber as Comptroller. The ballot was so cast, and Mr. Farber was declared elected Comptroller, to serve until the next annual meeting of the Board in March, 1968, or until his successor shall have been elected.

Executive Committee

Mr. Pogue nominated Mr. Howard W. Clement and Mr. Donald R. Grimes to serve as members of the Executive Committee, with the President of the Board as Chairman, for one year.

Mr. Hughes nominated Mr. Timothy W. Swain, and, at the suggestion of Mr. Grimes, Mr. Pogue withdrew the nomination of Mr. Grimes in favor of Mr. Swain.

On motion of Governor Kerner, the nominations were closed and the Secretary was instructed to cast the unanimous ballot of the Board for the election of Mr. Clement and Mr. Swain as members of the Executive Committee of the Board of Trustees, to serve until the next annual meeting of the Board in March, 1968, or until their successors shall have been elected. The ballot was so cast, and Mr. Clement and Mr. Swain were declared elected to the Executive Committee.

Treasurer of the Board

Mr. Swain nominated Mr. R. R. Manchester, a Vice-President of the First National Bank of Chicago, as Treasurer of the Board.

On motion of Governor Kerner, the nominations were closed and the Secretary was instructed to record the unanimous ballot of the Board for Mr. Manchester as Treasurer of the Board of Trustees for a two-year term in accordance with the statutory provision for a biennial term for Treasurer. The ballot was so cast and Mr. Manchester was declared elected Treasurer to serve until the second Tuesday in March, 1969, or until his successor shall have been elected and qualified.

TREASURER'S BOND

On motion of Mr. Jones, the amount of the Treasurer's bond was fixed at \$6,000,000.

On motion of Dr. Weatherly, the Finance Committee was instructed to see that the Treasurer presents a satisfactory bond in the amount specified above and to report the same to the Board.

AUTHORITY TO RECEIVE MONEYS

Mr. Swain offered the following resolution and moved its adoption:

Resolved, that the Treasurer of The Board of Trustees of the University of Illinois be, and 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 of the University of Illinois.

This resolution was unanimously adopted.

DELEGATION OF SIGNATURES

Mr. Page offered the following resolution:

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 Auditor of Public Accounts, 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
 Lyle M. Dahlenburg, C. O. Parvin, R. N. Parker, in Urbana
 James E. Osborn, David W. Bonham, Walter E. Cowart, R. E. Porter, H. O. Albers, A. W. Catrambone, in Chicago
 C. H. Moody, Helen Culbertson, in Springfield
 authority to sign his name as President of the Board of Trustees to vouchers against the Auditor of Public Accounts; and to
 C. C. DeLong, R. W. Zimmer, R. F. Wood, in Urbana
 James E. Osborn, David W. Bonham, Walter E. Cowart, R. E. Porter, H. O. Albers, A. W. Catrambone, 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

R. C. Wicklund, George H. Bargh, Virginia J. Hendrix, in Urbana
G. R. Moon, Anthony J. Diekema, Velma M. Davis, H. W. Bailey, Kirker Smith,
L. W. Sandy, in Chicago

authority to sign his name as Secretary of the Board of Trustees to vouchers against the Auditor of Public Accounts 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 also authorized to delegate to

Lean C. Ryan, Addalein C. Hawk, in Springfield

authority to sign his name as Secretary of the Board of Trustees on vouchers against the Auditor of Public Accounts approved in accordance with the regulations of the Board.

These authorizations are to continue in effect until the Auditor of Public Accounts has been supplied with specimen signatures of succeeding officers of this Board. And be it further

Resolved, that the First National Bank of Chicago as a designated depository of R. R. Manchester, 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: Wayne A. Johnston, President, and Earl W. Porter, 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.

This resolution was unanimously adopted.

REQUEST FOR HEARINGS

The President of the Board asked the Secretary to report concerning groups that had requested permission to appear before the Board with reference to House Bill 711 (the Clabaugh Act) and concerning the W.E.B. Du Bois Club. The Secretary reported that the following student and faculty groups had made such requests: The *Ad Hoc* Student Committee for Free Speech, Chicago Circle; a general student group, Urbana; Urbana Senate Committee on Academic Freedom and Tenure; Urbana Senate Committee on Student Affairs; and the Policy Committee of the Urbana Chapter of the American Association of University Professors. The Secretary stated that it was recommended that all five groups be heard; that in view of their number, each group be permitted to a presentation of ten minutes, not including questions; and that insofar as possible each group select a single spokesman.

The recommendations were approved, and the Board agreed to hear the several groups named. The President announced that, beginning at 1:30 p.m., all five groups would be heard on the matters referred to above.

The Board then recessed for five minutes for the benefit of press and photographers. At this point, Governor Kerner asked to be excused from the meeting.

STANDING COMMITTEES FOR 1967-68

The President of the Board appointed the following standing committees to serve during the year 1967-68, or until their successors have been appointed following the annual meeting of the Board of Trustees in March, 1968.

The President of the University is a member, *ex officio*, of all standing committees.

Agriculture

EARL M. HUGHES, Chairman
HAROLD POGUE
JAMES A. WEATHERLY

Alumni

JAMES A. WEATHERLY, Chairman
RALPH C. HAHN
HAROLD POGUE

Athletic Activities

HAROLD POGUE, Chairman
RALPH C. HAHN
JAMES A. WEATHERLY

Buildings and Grounds

EARL M. HUGHES, Chairman
HOWARD W. CLEMENT
DONALD R. GRIMES
RALPH C. HAHN
THEODORE A. JONES
HAROLD POGUE

Chicago Departments

HOWARD W. CLEMENT, Chairman
DONALD R. GRIMES
THEODORE A. JONES

Finance

DONALD R. GRIMES, Chairman
HOWARD W. CLEMENT
TIMOTHY W. SWAIN

General Policy

TIMOTHY W. SWAIN, Chairman
HOWARD W. CLEMENT
DONALD R. GRIMES
RALPH C. HAHN
EARL M. HUGHES
THEODORE A. JONES

Nonacademic Personnel

TIMOTHY W. SWAIN, Chairman
EARL M. HUGHES
JAMES A. WEATHERLY

Patents

THEODORE A. JONES, Chairman
DONALD R. GRIMES
TIMOTHY W. SWAIN

Student Welfare and Activities

RALPH C. HAHN, Chairman
THEODORE A. JONES
JAMES A. WEATHERLY

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

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 passed the standard written examination given in November, 1966, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

MELVIN SYDNEY ADESS, Chicago, Illinois
LARRY EMIL AKESON, Waukegan, Illinois
WALTER FRANCIS AMBROSE, Oak Park, Illinois

DONALD DENNIS BACON, Momence, Illinois
RONALD ROBERT BAER, Hoffman Estates, Illinois
KENNETH COLMAN BAHRMASEL, Chicago, Illinois

- CHARLES ARMIGER BALCH, Oak Park, Illinois
 JOHN JAMES BARCAL, Berwyn, Illinois
 JOHN HENRY BARROW, Chicago, Illinois
 IRA SHELDON BECKER, Skokie, Illinois
 RUDOLF HEINRICH GEORGE BEILFUSS, Elmhurst, Illinois
 JOEL JAMES BELLOW, Chicago, Illinois
 THOMAS KING BENSHP, Skokie, Illinois
 FRED LESLIE BERGLA, Park Ridge, Illinois
 EUGENE AARON BERKOWITZ, Chicago, Illinois
 THERESE ANN BLANDFORD, Chicago, Illinois
 DENNIS BUCKLEY BLOCK, Chicago, Illinois
 DALE ALAN BLUCKER, Galesburg, Illinois
 CLIFFORD GALE BOGGS, Evanston, Illinois
 CHRISTOPHER PAUL BOHUS, Des Plaines, Illinois
 ERVIN JAY BOLKS, Wheaton, Illinois
 JAMES JOHN BONK, Chicago, Illinois
 ROBERT CHARLES BREUHAUS, Peoria, Illinois
 GERALD HERBERT BRIN, Chicago, Illinois
 RICHARD EARL BROWN, Hazel Crest, Illinois
 DAVID MARSHALL BRUNN, Evanston, Illinois
 DANIEL JOHN BULINSKI, Chicago, Illinois
 JOHN COLMAN BURKE, Chicago, Illinois
 DAVID HERBERT BUSSE, Mount Prospect, Illinois
 HOWARD ARTHUR CAIN, Arlington Heights, Illinois
 ROBERT BURNS CALLAGHAN, Prospect Heights, Illinois
 CHARLES RAYMOND CAMPBELL, Des Plaines, Illinois
 KYLE LEROY CAMPBELL, Arlington Heights, Illinois
 CHARLES DOUGLAS CARTER, Rockford, Illinois
 GEORGE COLEMAN CASEY, Evanston, Illinois
 CLARK HERBERT CHRISTENSEN, Evanston, Illinois
 RICHARD WALTER CHRISTENSEN, Mount Prospect, Illinois
 JAMES HENRI COLITZ, Des Plaines, Illinois
 ROBERT JOSEPH COLLINS, Des Plaines, Illinois
 RICHARD THOMAS COOK, Gary, Indiana
 JERALD WAYNE COOTS, Danville, Illinois
 MICHAEL PAUL COPPERSMITH, Chicago, Illinois
 FREDRIC JEFFREY CRELMAN, Chicago, Illinois
 JAMES EDWIN CROUSHORE III, Chicago, Illinois
 THOMAS FULTON CRUMMEY, Chicago, Illinois
 WILLIAM LAWRENCE CULKIN, JR., Chicago, Illinois
 EDWARD JOSEPH CUNNINGHAM, Des Plaines, Illinois
 JEROME WILLIAM CWIERTNIA, Chicago, Illinois
 ROBERT HOWARD DASKAL, Chicago, Illinois
 SAMUEL PARRISH DAVIS, SR., Des Plaines, Illinois
 LEON JOSEPH DE BIASE, Oak Park, Illinois
 FRANK DENNIS DE STEFANO, Park Ridge, Illinois
 ERNEST DONALD DIMONTE, North Riverside, Illinois
 JAMES BERNARD DOX, Blue Island, Illinois
 CHARLES CLIFFORD DOXEY, Hazel Crest, Illinois
 ROBERT JAMES DUBSKY, Hinsdale, Illinois
 LAWRENCE DALE DURBIN, La Grange Park, Illinois
 CHRIS NICHOLAS ECONOMOS, Chicago, Illinois
 EUGENE HENRY ELEVELD, Berwyn, Illinois
 ROBERT WILLIAM ELLIS, Fort Wayne, Indiana
 CHARLES BENSON ENGVALL, Joliet, Illinois
 WILLIAM ROBERT EPCKE, Glen Ellyn, Illinois
 BARRY JAY EPSTEIN, Chicago, Illinois
 RONALD ANTHONY FELDNER, Chicago, Illinois
 JOSE MANUEL FILLOY, Chicago, Illinois
 KENNETH SHEEN FINKLE, Des Plaines, Illinois
 ROBERT THOMAS FIREBAUGH, Wheaton, Illinois
 WILLIAM VINCENT FISH, Chicago, Illinois
 GERALD JOHN FLANAGAN, Chicago, Illinois
 THOMAS ALAN FLOYD, Northbrook, Illinois
 MARTIN BENNET FREEMAN, Chicago, Illinois
 EUGENE HENRY FRIESE, Franklin Park, Illinois
 MICHAEL LYNN FRIESE, Peoria, Illinois
 GEORGE LEO GABEL, JR., Oak Park, Illinois
 JAMES ALAN GEIS, Chicago, Illinois
 RONALD JOHN GEORGE, Mount Prospect, Illinois
 GARY LEE GETHMANN, Evanston, Illinois
 SHELDON MERLE GLASSMAN, Chicago, Illinois

- GERALD ARTHUR GOLDMAN, Chicago, Illinois
 JAMES JOSEPH GRADY, JR., Riverdale, Illinois
 VINCENT ANDREW GROCHOCINSKI, Evanston, Illinois
 DENNIS CLARENCE GROSS, Charleston, Illinois
 DONALD EDMUND GURNEY, Chicago, Illinois
 THOMAS ROBERT GUTRICH, Chicago, Illinois
 MARVIN LEROY HAAS, Mount Prospect, Illinois
 EDWARD ALLEN HAIGHT, JR., Highland Park, Illinois
 ROBERT ARTHUR HALL, Chicago, Illinois
 ARNOLD HANDWERKER, Chicago, Illinois
 LEYMONE HARDCASTLE, Salem, Illinois
 PAUL JOHN HARIG, Chicago, Illinois
 WAYNE WEBSTER HARRIS, Glendale Heights, Illinois
 DONALD JAMES HATCH, Downers Grove, Illinois
 JAMES WHITE HAUGH, Glencoe, Illinois
 JOHN SARGENT HAYFORD, Evanston, Illinois
 GEORGE PETER HOLAS, Chicago, Illinois
 ADRIAN WILLOUGHBY HOLLANDER, Deerfield, Illinois
 RICHARD JOHN HOSKEN, Chicago, Illinois
 RICHARD LEE HOWARD, Maywood, Illinois
 ROBERT THEODORE HUETTL, Chicago, Illinois
 BERNARD LEE JOHNSON, Willmette, Illinois
 JAMES RAYMOND KAHL, Arlington Heights, Illinois
 FRED MELVIN KAHN, Chicago, Illinois
 IRWIN HILLARD KANEFSKY, Chicago, Illinois
 LEONARD EUGENE KAPLAN, Skokie, Illinois
 ROBERT CRAIG KELLER, Decatur, Illinois
 JAMES MICHAEL KILDAY, Addison, Illinois
 ROBERT EMMET KILLACKEY, JR., Cicero, Illinois
 PHILLIP JOEL KLEIN, Chicago, Illinois
 JEROME ANDREW KOHN, Highland Park, Illinois
 DONALD NORTON KRAFT, Chicago, Illinois
 JOHN CHARLES KRAFT, Chicago, Illinois
 RAYMOND JOHN KRASNIEWSKI, Chicago, Illinois
 LAWRENCE B. KRAUS, Chicago, Illinois
 THOMAS JAMES KRUPP, DeKalb, Illinois
 DANIEL RAYMOND KULIK, Chicago, Illinois
 RICHARD LESLIE LARSEN, Chicago, Illinois
 DAVID LAVIN, Chicago, Illinois
 WILLIAM FRANKLIN LEMNA, Lyons, Illinois
 HARVEY ALLEN LEVIN, Kankakee, Illinois
 ROBERT BRUCE LINN, Chicago, Illinois
 RALPH BARRY LOBERG, Chicago, Illinois
 ANTHONY A. LOPEZ, JR., Chicago, Illinois
 MICHAEL HARRY LURIE, Chicago, Illinois
 NEIL ANTHONY MALONEY, Rockford, Illinois
 DENNIS RALPH MAROTTA, Northbrook, Illinois
 THOMAS EMIL MARZULLO, Elmwood Park, Illinois
 EDWARD ANTHONY MASSURA, Chicago, Illinois
 NANCY LYNNE THIEME MAST, La Grange, Illinois
 STEVEN DAVID MASUR, Des Plaines, Illinois
 THOMAS CHARLES MATTICK, Westmont, Illinois
 ARTHUR ELMER MATTSON, Mount Prospect, Illinois
 ALLEN FRANCIS MCGUIRE, Chicago, Illinois
 JEROME MELTREGGER, Des Plaines, Illinois
 DONALD ROBERT MEYETTE, Moline, Illinois
 WILLIAM JOSEPH MITTERER, Oak Park, Illinois
 HOWARD WILLIAM MOODY, Des Plaines, Illinois
 THOMAS FRANCIS MORAN, Evergreen Park, Illinois
 EDWARD WILLIAM MURPHY, Chicago, Illinois
 RAYMOND ANTHONY NAUJOKAS, Chicago, Illinois
 HUBERT FRANCIS NEALIS, JR., Chicago, Illinois
 WALTER JOSEPH NOONAN, Chicago, Illinois
 KENNETH JOHN NYKIEL, Chicago, Illinois
 WILLIAM JAMES O'CONNOR, Chicago, Illinois
 ROBERT ARMIT PALSEDGE, Chicago, Illinois
 ROBERT ANTHONY PAUL, Lake Bluff, Illinois
 LLOYD EMMERSON PEARL, JR., Chicago, Illinois
 JERRY DOUGLASS PECK, Park Forest, Illinois
 WILLIAM THOMAS PHARES, Chicago, Illinois
 JOHN JOSEPH PLUEMER, Riverdale, Illinois
 MICHAEL CHARLES POPER, Chicago, Illinois

- ANTHONY JOHN POULOS, River Grove, Illinois
 GEORGE EDWARD POWLICK, Park Ridge, Illinois
 RONALD KEITH PRINCE, Chicago, Illinois
 THOMAS FRANCIS PRISBY, Worth, Illinois
 JOHN WESLEY PRITTS, Evanston, Illinois
 FRANK JOSEPH PTAK, Chicago, Illinois
 ARTHUR JACK RABIN, Chicago, Illinois
 DAVID JAMES RAMM, Washington, Illinois
 ROBERT LEO REES, Berwyn, Illinois
 JAMES MARSHALL REHNQUIST, La Grange Park, Illinois
 FRANK DAVID RIBACK, Chicago, Illinois
 WARREN VINCENT RICHARDSON, Moline, Illinois
 RONALD ALLEN ROBBEL, Rockford, Illinois
 KENNETH JOHN ROBERG, Chicago, Illinois
 ROBERT DAVID ROBERTS, Granite City, Illinois
 ROBERT PETER ROHLER, Chicago, Illinois
 JOHN GHEEN ROHRMAN, JR., Chicago, Illinois
 EARL COOLLEY ROLLER, JR., Downers Grove, Illinois
 JORDAN LEE ROSEMAN, Lincolnwood, Illinois
 STANLEY IRWIN ROSENTHAL, Chicago, Illinois
 ANTHONY RAYMOND ROSSI, Chicago, Illinois
 GARY WAYNE ROUBINEK, Morton Grove, Illinois
 JAN JEFFREY SAGETT, Chicago, Illinois
 GEORGE F. SALAMON, Chicago, Illinois
 JAMES JOSEPH SAMPEY, Chicago, Illinois
 GERALD JAMES SANFORD, Chicago Heights, Illinois
 DONALD LAWRENCE SAWYERS, River Forest, Illinois
 FRANCIS STUART SAYRE, Winnetka, Illinois
 JOSEPH MICHAEL SCHERIGER, Addison, Illinois
 ELVIN GENE SCHMIDT, Lincoln, Illinois
 MELVYN HOWARD SCHNEIDER, Chicago, Illinois
 SHERWIN WILLIAM SCHNEIDERMAN, Chicago, Illinois
 MARVIN MELVIN SCOTT, Skokie, Illinois
 ROBERT HOWARD SELDEN, Elmhurst, Illinois
 ROBERT MICHAEL SHANNON, Chicago, Illinois
 PATRICK JOSEPH SHEEHAN, JR., Chicago, Illinois
 SANFORD SHER, Chicago, Illinois
 ALVIN IRVING SIEGEL, Skokie, Illinois
 MARVIN MAURICE SIEGEL, Chicago, Illinois
 LAWRENCE CHARLES SILTON, Chicago, Illinois
 LAWRENCE SILVER, Skokie, Illinois
 LEON SILVERMAN, Chicago, Illinois
 DAN ANTHONY SIMUNIC, Chicago, Illinois
 GENE OSCAR SJOSTRAND, Des Plaines, Illinois
 ROBERT LEROY SKUMMER, Chicago, Illinois
 JOSEPH SKWIRA, JR., Chicago, Illinois
 LAUREN SABIN SOLL, Chicago, Illinois
 LARRY EDWARD STALEY, Fairfield, Illinois
 RICHARD FOSTER STEWARD, River Forest, Illinois
 WILLIAM EDWARD STEWART, Westmont, Illinois
 PAUL JOSEPH SUGDEN, Chicago, Illinois
 ROBERT RALPH SWENDER, Evanston, Illinois
 JAMES CLARK TARY, Park Forest
 RALPH DONALD TAYLOR, Rockford, Illinois
 WILLIAM EUGENE TAYLOR, Marengo, Illinois
 MICHAEL SYDNEY TEITELBAUM, Chicago, Illinois
 JON EDWARD TELSCHOW, Park Forest, Illinois
 JACK BERA TEPLITZ, Chicago, Illinois
 GEORGE PETER THERMOS, Cicero, Illinois
 DAVID BENEDICT THOMAS, Peoria, Illinois
 JOHN EMMETT TOALE, River Grove, Illinois
 ROBERT CLYDE TROST, Downers Grove, Illinois
 TERENCE GRAY TRYON, Park Forest, Illinois
 WALTER WILLIAM TYSZKO, Schaumburg, Illinois
 JERRY WAYNE VEACH, Oak Park, Illinois
 DANIEL EUGENE VIRNICH, Skokie, Illinois
 DAVID JOHN VITEK, Chicago, Illinois
 HARRY EDWARD VOGELSINGER III, Oak Lawn, Illinois
 JAMES ANTHONY VOLZ, Lombard, Illinois
 HOWARD LEROY WAKEMAN, Park Ridge, Illinois
 WILLIAM HARVARD WEISKOPF, Buffalo Grove, Illinois
 RICHARD LOUIS WEISS, Chicago, Illinois
 FRANCES PORNES WHITMAN, Glencoe, Illinois
 RONALD ARTHUR WIEMERSLAGE, Villa Park, Illinois

HELEN JO WIEN, Evanston, Illinois	WILLIAM THEODORE YOUNG, Des Plaines, Illinois
PAUL MARVIN WITT, Chicago, Illinois	LAWRENCE JAY ZASLAVSKY, Lincolnwood, Illinois
DUANE ORIN WOLDEN, Northlake, Illinois	RUSSELL EDWARD ZIMMERMANN, Northbrook, Illinois
THOMAS ANTHONY YAPPELLI, Chicago, Illinois	

The Committee on Accountancy further recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, 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>
MICHAEL JOHN SALMON	Chicago, Illinois	Indiana
MARVIN JOSEPH SMITH	Lockport, Illinois	Nebraska
RAYMOND T. SUABEDISSEN	Niles, Michigan	Indiana

I concur.

On motion of Mr. Jones, these certificates were awarded.

APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(2) Submitted herewith are nominations for appointments to the Board of Directors of the Athletic Association of the University of Illinois, to become effective as of today and to continue until the next annual meeting of The Board of Trustees of the University of Illinois in 1968, or until the successors of these Directors have been appointed.

Reappointments

From the Faculty

- LESLIE A. BRYAN, Professor of Management and Director of the Institute of Aviation
- FRANK B. LANHAM, Professor and Head of the Department of Agricultural Engineering (has been serving on the Board since 1965)
- PAUL R. SHAFFER, Professor of Geology and former Associate Provost of the University (has been serving on the Board since 1966)
- HENRY S. STILLWELL, Professor and Head of the Department of Aeronautical and Astronautical Engineering (has been serving on the Board since 1964)

From the Alumni Association

- LOUIS BOUDREAU, Class of 1939, Sports Announcer, Radio Station WGN, Chicago (has been serving on the Board since 1965)
- CHARLES H. STOTZ, Class of 1939, Executive Secretary, West Suburban Young Men's Christian Association, La Grange (has been serving on the Board since 1964)

Extension of Appointment

From the Alumni Association

- CHARLES C. DADANT, Class of 1941, Member of the firm of Dadant & Sons, Inc., Hamilton (has been serving on the Board since 1963)

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

APPOINTMENTS TO CENTER FOR ADVANCED STUDY

(3) Upon recommendation of the Executive Committee of the Center for Advanced Study, and with the concurrence of the Dean of the Graduate College and the Executive Vice-President and Provost, I submit the following nominations for appointments to the Center for Advanced Study for the period and for the program of research or study as indicated in each case.

Associate Members

- JOHN E. BALDWIN, Assistant Professor of Organic Chemistry in the Department of Chemistry and Chemical Engineering, for the period April 1 through August

- 31, 1967; to pursue his studies of structure and mechanism in Organic Chemistry.
- JAMES L. BATES, Professor of History, for the second semester and the summer session, 1967-68; to complete his biography of Senator Thomas J. Walsh.
- THOMAS H. BROWN, Associate Professor of Chemistry at Chicago Circle, for two quarters during the academic year 1967-68; for research on the refinement of certain molecular quantum-mechanical calculations.
- JOHN CAGE, Visiting Research Professor in the School of Music, for the academic year 1967-68; to produce musical compositions and to collaborate with faculty members in performance and composition.
- JOSE B. CRUZ, Professor of Electrical Engineering and Research Professor in the Coordinated Science Laboratory, for the academic year 1967-68; to pursue research in the area of sensitivity theory and its application to the theory of dynamic systems.
- WILLIS H. FLYGARE, Professor of Physical Chemistry, for the academic year 1967-68; to pursue his studies of rotational motion in molecules.
- KENNETH L. GABURO, Associate Professor of Music, for the academic year 1967-68; to work on a composition for large orchestra and one for piano solo and electronic sound.
- G. ROBERT GRICE, Professor of Psychology, for the academic year 1967-68; to carry on studies of stimulus intensity and response evocation.
- HANS HANISCH, Research Associate in the College of Law, for the academic year 1967-68; to collaborate with faculty members of the College in legal studies pertaining to the European Common Market area.
- BILLY M. JACKSON, Associate Professor of Art, for the academic year 1967-68; to produce a series of paintings further developing his theme, the "Waiting Man."
- ROBERT W. JOHANNSSEN, Professor of History, for the first semester 1967-68; to complete his biography of Stephen A. Douglas.
- NELSON J. LEONARD, Professor of Organic Chemistry, for the second semester 1967-68; to pursue structural and synthetic organic chemical studies of large molecules of biological interest and of molecules containing small charged rings.
- RICHARD J. MILGRAM, Assistant Professor of Mathematics at Chicago Circle, for the academic year 1967-68; to continue his research in the field of topology.
- P. M. MITCHELL, Professor of German, for the second semester and the summer session 1967-68; to complete his study of the Danish intellectual, Vilhelm Grønbech.
- THOMAS C. T. TING, Associate Professor of Applied Mechanics at Chicago Circle, for one quarter during the academic year 1967-68; to continue his studies in the field of thermo-visco-elasticity.
- ALEXANDER VUCINICH, Professor of Sociology, for the second semester 1967-68; to complete the second volume in his series on science in Russian Culture.
- A. RICHARD WILLIAMS, Professor of Architecture, for the academic year 1967-68; to complete the design and production of the exhibition, "Century for Design."
- On motion of Mr. Hughes, these appointments were 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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A — indefinite tenure; B — two years; D — one year; E — nine months from the beginning of the academic year; G — special tenure; Y — twelve months' service required instead of two semesters.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

1. HY FISH, Visiting Professor of Labor and Industrial Relations, Urbana, on one-third time, for the second semester 1966-1967, at a salary of \$3,500 (E33).
2. ALBERTO GONZALEZ-DOMINGUEZ, Visiting Professor of Mathematics, Chicago Circle, for four months from January 1, 1967, at a salary of \$6,000 (G).
3. THEODORE HYMOWITZ, Assistant Professor of Plant Genetics, Department of Agronomy, Urbana, for five months from February 1, 1967, at a salary of \$5,417 (G).

4. W. ROBERT LOWSTUTER, Assistant Professor of Chemistry and Assistant to the Head, Chemistry and Chemical Engineering, Urbana, beginning January 16, 1967, at an annual salary of \$18,000 (D.Y).

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

**HEADSHIP OF DEPARTMENT OF MINING, METALLURGY,
AND PETROLEUM ENGINEERING, URBANA**

(5) The Dean of the College of Engineering, Urbana, recommends the appointment of Professor Charles A. Wert, now acting Head of the Department of Mining, Metallurgy, and Petroleum Engineering, as Head of the Department, beginning March 15, 1967, at an annual salary of \$22,000, on an academic year basis, divided: \$21,000 as Professor of Physical Metallurgy on indefinite tenure, and \$1,000 as Head of the Department.

This appointment is to succeed the late Professor Thomas Albert Read.

The nomination of Professor Wert was made with the advice of a search committee¹ and is supported by the Executive Vice-President and Provost and the Dean of the Graduate College.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

**UNDERGRADUATE INSTRUCTIONAL AWARDS
FOR THE SUMMER OF 1967**

(6) In order to encourage faculty interest in improving the quality of undergraduate instruction, the program of Undergraduate Instructional Awards initiated for the summer of 1965 is proposed for continuation during the summer of 1967. The awards provide a full-time salary for two months (two-ninths of the academic-year salary), plus funds for required incidental expenses.

The Executive Vice-President and Provost issued an invitation to faculty members last October to submit applications describing projects related to specific undergraduate programs or courses. After approval by heads of departments and review by the deans of the colleges concerned, sixty-seven applications were received.

A special committee evaluated the proposals and recommended for support those believed to hold promise of substantial benefits to undergraduate instruction. In the light of this review, the Executive Vice-President and Provost has recommended that full-time appointments for two months during the summer of 1967, at current salary rates, be authorized for the following faculty members (total of thirty-six) :

Chicago Circle

ROGER L. DOMINOWSKI, Assistant Professor of Psychology
HOWARD GADLIN, Assistant Professor of Psychology
DOROTHY J. HJERMSTAD, Assistant in Physical Education for Women
JERALD W. JACKARD, Assistant Professor of Art
RICHARD C. KOHLER, Associate Professor of General Engineering
WULF KOPKE, Associate Professor of German
BEVERLY LUSTY, Assistant Professor of Speech
RICHARD J. MCKINLEY, Instructor in Sociology
WOLODYMYR J. MINKOWYCZ, Assistant Professor of Energy Engineering
SAMUEL R. REID, Associate Professor of Finance
ALEXANDER J. ROSEN, Assistant Professor of Psychology
SAMUEL SCHRAGE, Associate Professor of Chemistry
THOMAS C. T. TING, Associate Professor of Applied Mechanics

Urbana-Champaign

ROBERT R. ALLEN, Assistant Professor of English
LEROY T. BOYER, Assistant Professor of Civil Engineering
ARTHUR M. CLAUSING, Assistant Professor of Mechanical Engineering
RASIO DUNATOV, Instructor in Russian

¹ Bernard G. Ricketts, Professor of Metallurgical Engineering, Chairman; Paul A. Beck, Professor of Physical Metallurgy; Howard K. Birnbaum, Professor of Physical Metallurgy; David Lazarus, Professor of Physics; George M. Sinclair, Professor of Theoretical and Applied Mechanics; Clarence M. Wayman, Professor of Metallurgical Engineering; Frederick D. Wright, Professor of General Engineering and of Mining Engineering in the Department of Mining, Metallurgy, and Petroleum Engineering.

EARL J. ECKEL, Professor of Metallurgical Engineering
 WILLIAM ENG, Professor of Architecture
 G. EDWARD GAIDES, Assistant Professor of Physical Science
 GILBERT P. HAIGHT, JR., Professor of Chemistry
 EDWIN JAHIEL, Associate Professor of French
 KENNETH M. LANSING, Professor of Art and of Art Education
 RICHARD LOFTUS, Associate Professor of English
 JOHN C. MANN, Assistant Professor of Geology
 CARLOS T. MARFORT, Associate Professor of Architecture
 RICHARD E. MITCHELL, Assistant Professor of History
 FRANCIS W. NACHTMANN, Associate Professor of French
 SIDNEY ROSEN, Professor of Physical Science
 RUDOLF SCHIER, Assistant Professor of German
 WEBSTER L. SMALLEY, Associate Professor of Speech and of Radio and Television
 ARNOLD M. TIBBETTS, Assistant Professor of English
 MYRON URETSKY, Assistant Professor of Accountancy
 CHARLES M. WELER, Assistant Professor of Secondary and Continuing Education
 RICHARD N. WRIGHT, Associate Professor of Civil Engineering

It is further recommended that funds for these stipends and for such other expenses as can not be met from regular departmental budgets be assigned from the General Reserve.

Through a grant from Standard Oil (Indiana) Foundation, Special Awards of \$1,000 each will be made to the three individuals whose completed projects are judged to be the most outstanding in terms of probable contribution to undergraduate education. The nominees for these Special Awards will be selected on the basis of final reports submitted at the end of the summer session, and they will be recommended to the Board of Trustees for approval in October.

I concur.

On motion of Mr. Grimes, these recommendations were approved and the requested assignment of funds were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Governor Kerner.

Mr. Jones asked if a summary of the findings of this program were available and could be provided at the next meeting of the Board. It was agreed that such an analysis would be provided.

SABBATICAL LEAVES OF ABSENCE, 1967-68

(7) It is recommended that the following members of the faculty be given sabbatical leaves of absence during the academic year 1967-68 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 leaves are requested have been examined by the University Research Board, which advises the President in such matters, and by the Executive Vice-President and Provost, who also recommends approval.

College of Agriculture

Department of Agricultural Economics

ROBERT G. F. SPITZE, Professor of Agricultural Economics, one year beginning September 1, 1967, one-half pay.

Department of Agricultural Engineering

ROGER R. YOERGER, Professor of Agricultural Engineering, six months beginning February 1, 1968, full pay.

Department of Agronomy

HENRY H. HADLEY, Professor of Plant Genetics, six months beginning November 1, 1967, full pay.

RICHARD H. HAGEMAN, Professor of Plant Physiology, one year, one-half pay.

BURNS R. SABEY, Associate Professor of Soil Microbiology, one year beginning July 1, 1967, one-half pay.

Department of Animal Science

HAROLD H. DRAPER, Professor of Animal Science, six months beginning September 1, 1967, full pay.

Department of Forestry

WILLIAM R. BOGESS, Professor of Forestry, six months beginning September 15, 1967, full pay.

Department of Horticulture

LEONARD BEEVERS, Assistant Professor of Plant Physiology, one year beginning October 1, 1967, one-half pay.

DANIEL F. DAYTON, Professor of Plant Breeding, six months beginning September 1, 1967, full pay.

DAVID B. DICKINSON, JR., Assistant Professor of Plant Physiology, one year, one-half pay.

Department of Plant Pathology

MALCOLM C. SHURTLEFF, Professor of Plant Pathology, six months beginning September 1, 1967, full pay.

College of Commerce and Business Administration*Department of Accountancy*

H. PETER HOLZER, Professor of Accountancy, second semester, full pay.

DOROTHY A. LITHERLAND, Professor of Accountancy, second semester, full pay.

Department of Economics

HANS J. BREMS, Professor of Economics, second semester, full pay.

FRED M. GOTTHEIL, Associate Professor of Economics, second semester, full pay.

DONALD L. KEMMERER, Professor of Economics, second semester, one-half pay.

ROBERT W. RESEK, Associate Professor of Economics, academic year, one-half pay.

Department of Finance

RICHARDS C. OSBORN, Professor of Finance, second semester, full pay.

College of Education*Council on Teacher Education*

COLLEEN J. KIRK, Professor of Secondary and Continuing Education and of Music, and Counselor, Council on Teacher Education; second semester, full pay.

Curriculum Laboratory

PETER G. BRAUNFELD, Associate Professor of Education in the Curriculum Laboratory and of Mathematics, College of Liberal Arts and Sciences, six months from March 1, 1968, full pay; leave contingent upon receipt of supplementary financial aid.

Department of Educational Psychology

MAURICE M. TATSUOKA, Professor of Educational Psychology and of Psychology, academic year, one-half pay.

Department of Secondary and Continuing Education

JOHN A. EASLEY, JR., Associate Professor of Secondary and Continuing Education, one year beginning February 1, 1968, one-half pay; or six months from February 1, 1968, full pay; one-year leave contingent upon receipt of supplementary financial aid.

Department of Special Education

CARL E. BEREITER, Professor of Special Education in the Department of Special Education and in the Institute for Research on Exceptional Children, second semester, full pay.

Department of Vocational and Technical Education

JAMES R. WARMBROD, Associate Professor of Vocational and Technical Education, one year, one-half pay.

College of Engineering*Department of Aeronautical and Astronautical Engineering*

YUKWENG M. LIN, Professor of Aeronautical and Astronautical Engineering, academic year, one-half pay.

Department of Civil Engineering

THOMAS KUAN-HSIEN LIU, Associate Professor of Civil Engineering, academic year, one-half pay.

Department of Electrical Engineering

JOHN BARDEEN, Professor of Physics and of Electrical Engineering, and Member of the Center for Advanced Study, second semester, full pay.

JAMES P. NEAL, Associate Professor of Electrical Engineering, first semester, full pay.

HAROLD D. WEBB, Professor of Electrical Engineering, Second semester, full pay.

Department of Mechanical and Industrial Engineering

BRANIMIR F. VON TURKOVICH, Associate Professor of Industrial Engineering, academic year, one-half pay.

Department of Mining, Metallurgy, and Petroleum Engineering

HOWARD K. BIRNBAUM, Professor of Physical Metallurgy, second semester, full pay.

Department of Physics

E. ATLEE JACKSON, Associate Professor of Physics and of Mechanical Engineering, academic year, one-half pay.

CLARK S. ROBINSON, Research Professor of Physics, six months from October 1, 1967, full pay.

AVIVI I. YAVIN, Associate Professor of Physics, academic year, one-half pay.

College of Fine and Applied Arts*Department of Architecture*

JOHN G. REPLINGER, Professor of Architecture, second semester, full pay.

Department of Art

LEONARD H. PRICE, Assistant Professor of Art, academic year, one-half pay.

School of Music

MARY M. BURDETTE, Assistant Professor of Music, first semester, one-half pay.

STANLEY FLETCHER, Professor of Music, academic year, one-half pay.

JOHN C. GARVEY, Professor of Music and Artist in Residence, second semester, full pay.

BERNARD M. GOODMAN, Professor of Music and Artist in Residence, second semester, full pay.

ROBERT E. GRAY, Associate Professor of Music, second semester, full pay.

J. ROBERT KELLY, Professor of Music, second semester, full pay.

Bureau of Community Planning

ERIC C. FREUND, Associate Professor of Community Planning, one year, one-half pay.

Institute of Government and Public Affairs

GLENN W. FISHER, Professor of Political Science, one year, one-half pay.

Graduate College

Department of Computer Science

JOHN R. PASTA, Professor of Physics and Head of the Department of Computer Science; first semester, full pay.

College of Journalism and Communications

Department of Journalism

JAMES W. CAREY, Assistant Professor of Journalism and Research Assistant Professor of Communications in the Institute of Communications Research, first semester, full pay.

Institute of Labor and Industrial Relations

SOLOMON B. LEVINE, Professor of Labor and Industrial Relations and Director of the Center for Asian Studies, six months beginning March 1, 1968, full pay.

ADOLF F. STURMTHAL, Professor in the Institute of Labor and Industrial Relations, second semester, full pay.

College of Law

WAYNE R. LAFAVE, Professor of Law, second semester, full pay.

College of Liberal Arts and Sciences

Department of Astronomy

STANLEY P. WYATT, JR., Professor of Astronomy, second semester, full pay.

Department of Botany

GOVINDJEE, Associate Professor of Botany and of Biophysics, academic year, one-half pay; leave contingent upon receipt of supplementary financial aid.

DOMINICK J. PAOLILLO, JR., Associate Professor of Botany, second semester, full pay.

DALE M. STEFFENSEN, Professor of Botany, academic year, one-half pay.

Department of Chemistry and Chemical Engineering

IRWIN C. GUNSALUS, Professor of Biochemistry, second semester full pay; or first semester, 1968-69, full pay.

NELSON J. LEONARD, Professor of Organic Chemistry, first semester, full pay.

Department of Classics

JOHN J. BATEMAN, Associate Professor of the Classics and Head of the Department and Associate Professor of Speech, second semester, full pay.

ALEXANDER TURYN, Professor of the Classics, second semester, full pay.

Department of English

ARTHUR E. BARKER, Professor of English, first semester, full pay.

EDWARD J. BRANDABUR, Assistant Professor of English, second semester, full pay.

JOHN T. FLANAGAN, Professor of English, second semester, full pay.

ALLAN G. HOLADAY, Professor of English, second semester, full pay.

FRANK B. MOAKE, Associate Professor of English, first semester, full pay.

RICHARD H. WASSON, Assistant Professor of English, first semester, full pay.

Department of Entomology

GOTTFRIED S. FRAENKEL, Professor of Entomology, six months from January 1, 1968, full pay.

Department of French

BARBARA C. BOWEN, Assistant Professor of French, first semester, one-half pay.

VINCENT E. BOWEN, Associate Professor of French, academic year, one-half pay.
CHARLES A. KNUDSON, Professor of French, academic year, one-half pay.

Department of Geology

FLOYD M. WAHL, Associate Professor of Geology, second semester, full pay.
GEORGE W. WHITE, Research Professor of Geology, first semester, full pay.

Department of Germanic Languages and Literatures

ERNST A. PHILIPPSON, Professor of German, first semester, full pay.

Department of History

J. LEONARD BATES, Professor of History, first semester, full pay.
ROBERT W. JOHANNSEN, Professor of History and Chairman of the Department,
academic year, one-half pay.
WINTON U. SOLBERG, Associate Professor of History, academic year, one-half pay.
RAYMOND P. STEARNS, Professor of History, first semester, full pay.

Department of Mathematics

KENNETH I. APPEL, Assistant Professor of Mathematics, first semester, full pay.
RICHARD E. BLOCK, Associate Professor of Mathematics, first semester, one-half
pay.
LEE A. RUBEL, Professor of Mathematics, first semester, full pay.
EDWARD J. SCOTT, Professor of Mathematics, second semester, full pay.
JOHN H. WALTER, Professor of Mathematics, first semester, full pay.
PETER D. ZVENGROWSKI, Assistant Professor of Mathematics, first semester, one-
half pay.

Department of Microbiology

KIMBALL C. ATWOOD, Professor of Microbiology, academic year, one-half pay.
RALPH S. WOLFE, Professor of Microbiology, academic year, one-half pay.

Department of Physiology and Biophysics

STANLEY G. STOLPE, Associate Professor of Physiology, second semester, full pay.

Department of Political Science

BETTY GLAD, Assistant Professor of Political Science, second semester, one-half
pay.

Department of Psychology

JOZEF COHEN, Associate Professor of Psychology, first semester, full pay.
MARTIN FISHBEIN, Associate Professor of Psychology and Research Associate
Professor in the Institute of Communications Research, academic year, one-
half pay.
JERRY HIRSCH, Professor of Psychology, second semester, full pay.
JOSEPH E. McGRATH, Professor of Psychology, first semester, full pay.

Department of Sociology

J. EDWARD HULETT, JR., Professor of Sociology, first semester, full pay.

Department of Spanish, Italian, and Portuguese

MARCOS A. MORINIGO, Professor of Spanish and Italian, first semester, full pay.

Department of Speech and Theatre

RICHARD MURPHY, Professor of Speech, second semester, full pay.

Library

ALMA DEJORDY, Consultant in Bibliography with rank of Associate Professor, six
months beginning September 1, 1967, full pay.

College of Physical Education

Department of Physical Education for Men

THOMAS K. CURETON, JR., Professor of Physical Education for Men, second semester, full pay.

Department of Recreation and Municipal Park Administration

MAXWELL R. GARRET, Associate Professor of Recreation, six months beginning September 1, 1967, full pay.

College of Veterinary Medicine

Department of Veterinary Pathology and Hygiene

DIEGO SEGRE, Professor of Veterinary Microbiology and Public Health and of Veterinary Research, first semester, full pay.

Chicago Circle

Department of Architecture

ROBERT W. GERSTNER, Associate Professor of Structural Engineering, winter and spring quarters, 1968, three-fourths pay.

Department of Art

JOHN F. RICHARDSON, Professor of Art, fall quarter, 1967, full pay.

Department of Biological Sciences

BERNARD GREENBERG, Professor of Biological Sciences, academic year, one-half pay.

Department of English

GUINEVERE L. GRIEST, Associate Professor of English, spring quarter, 1968, full pay.

ALEXANDER KARANIKAS, Associate Professor of English, winter and spring quarters, three-fourths pay.

IRVING M. MILLER, Instructor in English, academic year, one-half pay.

ANDREW SCHILLER, Professor of English, fall quarter, 1967, full pay.

ELIZABETH V. WRIGHT, Professor of English, winter quarter, full pay.

Department of German

ELIZABETH TEICHMANN, Associate Professor of German, spring quarter, 1968, full pay.

Department of Materials Engineering

RENE AMON, Assistant Professor of Engineering Mechanics, winter quarter, 1968, full pay.

Department of Mathematics

FLORA DINKINES, Professor of Mathematics, winter and spring quarters, 1968, three-fourths pay.

Medical Center

Department of Medicine

MAX SAMTER, Professor of Medicine, six months beginning January 1, 1968, full pay.

Department of Pathology

HARTMANN H. R. FRIEDERICI, Associate Professor of Pathology, six months beginning September 1, 1967, full pay.

KURT STERN, Professor of Pathology, six months beginning March 1, 1968, full pay.

Department of Pediatrics

MARVIN CORNBATH, Professor of Pediatrics, one year, one-half pay. (Subsequently cancelled.)

Department of Psychiatry

MELVIN SABSHIN, Professor of Psychiatry and Head of the Department, six months beginning March 1, 1968, full pay.

Department of Radiology

WALTER S. MOOS, Research Professor of Medical Radiology, six months beginning January 1, 1968, full pay.

On motion of Mr. Hughes, these leaves were granted as recommended.

**RECOMMENDATIONS OF THE ALL-UNIVERSITY COMMITTEE
ON ADMISSIONS FOR ACCEPTANCE OF CREDIT**

(8) The University Senates and the Senate Coordinating Council have approved recommendations from the All-University Committee on Admissions for additions to the regulations concerning acceptance of transfer credit as follows:

A. The present regulations which govern the transfer of credits from new, unaccredited institutions are as follows:

**The Discontinuation of Accreditation of Institutions of Higher
Learning by the University of Illinois**

The University of Illinois discontinued, on September 1, 1959, the accreditation of institutions of higher learning in Illinois. The University will accept the accredited status accorded institutions by the North Central Association of Colleges and Secondary Schools or by one of the agencies recognized by the National Commission on Accrediting.

1. With respect to two-year and four-year institutions that have not been accredited by the North Central Association, but which have been approved by the University, the University shall (a) inform these institutions that it is discontinuing accrediting and rating activities, effective September, 1959; (b) inform these institutions that present ratings will be continued for a period of five years for two-year institutions and for four-year institutions, unless evidence is received concerning one or more of these institutions clearly indicating that such ratings should not be continued; (c) inform these institutions that it will, after September 1, 1959, accept accreditation by the North Central Association; and (d) notify these institutions that it will be glad to cooperate with them in assisting them to become fully accredited.
2. With respect to institutions that are in the process of establishing programs, the University shall advise these institutions when they seek approval that until they are accredited by the North Central Association, the University will admit students who have completed courses in these institutions on the basis of validation by examination or by work in advanced courses in sequence, taken in residence.

The All-University Committee on Admissions now recommends the addition of the following statement to item 2 above to be effective upon approval by the Board of Trustees.

Credits earned at a junior college which has not been accredited by the North Central Association, but which has been given a Class 1 rating and is recognized by the Illinois Junior College Board, will be accepted without validation for a period of time not to exceed five years from the date on which the college registers its first class after achieving Class 1 status. The five-year period provides the normal amount of time necessary to acquire accreditation by the North Central Association.

3. In institutions that have not been accredited by the North Central Association or approved by the University of Illinois, but that have been accredited or approved by one of the agencies recognized by the National Commission on Accrediting, the University shall accept all of the credit earned in such institutions and indicate that the precise amount of such credit which is applicable toward

a particular degree will be determined by the University College and Department concerned.

- B. The present regulation concerning acceptance of credit earned at provisionally accredited institutions is as follows :

Provisionally Accredited Institutions

Credits from schools with provisional accreditation are accepted on the basis of validation by satisfactory completion of additional work in residence. Validation through satisfactory work in residence may be accomplished by earning in the University of Illinois or other fully accredited collegiate institution at least a 3.0 ("C") average, or higher if prescribed by the curriculum he wishes to enter, in the first fifteen to thirty semester hours completed thereafter.

Any semester in which the student first completes fifteen semester hours, or any number of semester hours between fifteen and thirty inclusive, with the required average is accepted as validating the transferred credit. In all cases, the grades for all work attempted in the validating period are counted in computing the average. Such credits not validated within the first thirty semester hours can then be validated only by proficiency examinations.

The Committee recommends the following addition to the present regulation to become effective in June, 1967.

A student may submit a petition to the dean of his college and the Director of Admissions and Records to have credits earned in any subject area accepted after the successful completion (with grades of "C" or better) of six semester hours or nine quarter hours of higher level courses in the same subject matter field at the University, even though a 3.0 ("C") or higher average was not achieved in the first fifteen or thirty semester hours, or their equivalent, in residence.

The Executive Vice-President and Provost has approved these recommendations.

I concur.

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

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

- (9) The Committee on Nonrecurring Appropriations, the Executive Vice-President and Provost, and the Vice-President and Comptroller recommend the following appropriations :

Urbana-Champaign

URBANA-CHAMPAIGN GENERAL RESERVE

Renovation and remodeling for which funds are assigned to the Physical Plant Department:

Installation of air conditioners in the Mechanical Engineering Building and Mechanical Engineering Laboratory..... \$ 19 040 00

UNITED STATES NATIONAL SCIENCE FOUNDATION COST-OF-EDUCATION ALLOWANCES

College of Engineering

Department of Aeronautical and Astronautical Engineering, equipment..... \$ 17 860 00

CONTRACT RESEARCH RESERVE

Renovation and remodeling for which funds are assigned to the Physical Plant Department:

Remodeling in Noyes Laboratory for the Department of Chemistry and Chemical Engineering..... \$ 25 750 00

Chicago Circle

CONTRACT RESEARCH RESERVE

College of Liberal Arts and Sciences

Department of Chemistry, equipment..... \$ 44 095 00

Department of Geology, equipment..... 11 865 00

Total, Chicago Circle Contract Research Reserve..... \$ 55 960 00

*Medical Center***MEDICAL CENTER GENERAL RESERVE**

Research and Educational Hospitals

Department of Nursing, equipment.....	\$ 22 400 00
Laboratories, equipment.....	14 800 00
<i>Total, Medical Center General Reserve.....</i>	<u>\$ 37 200 00</u>
<i>Grand Total.....</i>	<u>\$155 810 00</u>

I concur.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Governor Kerner.

CONTRACT FOR REROOFING LINCOLN HALL, URBANA

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$96,334, being the summation of the base bid and deductive alternate, to Lloyd Hitchins, an individual doing business as Hitchins Roofing Company, Urbana, the lowest bidder, for reroofing Lincoln Hall. The work will include removal of the existing slate roofing, copper flashing, gutters, and downspouts, and replacement of same.

Funds are available in the Physical Plant Department maintenance budget.

I concur.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Governor Kerner.

CONTRACT FOR UNDERGROUND STEAM SERVICE, URBANA

(11) On February 9, 1967, the Illinois Building Authority received bids for the construction and installation of underground piping for steam service to the Library Air-Conditioning Center at Urbana-Champaign. At the same time and place The Board of Trustees of the University of Illinois received bids for a similar steam service project in the immediate vicinity and an alternate bid was received in each case from all contractors providing for an award of the contract for each project in combination with the other project.

The lowest bidder for each project on the basis of the alternate bid price was The Nu-Way Contracting Corp., Chicago, with a firm alternate bid price of \$33,000 for the underground piping for steam service to the Library Air-Conditioning Center and \$82,500 for underground steam piping for replacement of steam service to David Kinley Hall, the Surveying Building, and the Architecture Building.

The Library Air-Conditioning Center will serve the Undergraduate Library and the Psychology Building, both of which are being constructed by the Illinois Building Authority in accordance with the request submitted by the Board of Trustees on September 22, 1965.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that a contract be awarded to The Nu-Way Contracting Corp., Chicago, in the amount of the alternate bid price of \$82,500 for installation and construction of the replacement of steam service to David Kinley Hall, the Surveying Building, and the Architecture Building and that the Board request the Illinois Building Authority to award a contract for the construction and installation of underground piping for steam service to the Library Air-Conditioning Center to The Nu-Way Contracting Corp., Chicago, in the amount of its firm alternate bid price of \$33,000 and proceed to procure this facility for the use of the University.

I concur and recommend adoption of the following resolution.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building

Authority be, and it hereby is, requested to award to The Nu-Way Contracting Corp., Chicago, Illinois, a contract for the total work for the installation and construction of underground piping for steam service to the Library Air Conditioning Center at Urbana-Champaign for the fixed price of \$33,000.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge, and deliver in the name and in behalf of this corporation, such instruments of lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Dr. Weatherly, these recommendations were approved and the foregoing resolution was adopted; these actions were taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Governor Kerner.

REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR CONSTRUCTION OF PSYCHOLOGY BUILDING, URBANA

(12) On February 7, 1967, the Illinois Building Authority received bids on all work for the construction of the Psychology Building, also referred to as the Psychology Laboratory, at Urbana-Champaign. The lowest bidder is Kuhne-Simmons Co., Inc., Champaign, with a base bid of \$5,549,000. Three other proposals were received with bids ranging from \$5,674,500 to \$6,198,912. The lowest bidder is fully qualified and has performed satisfactorily under contract with the University in the past.

The Psychology Building is one project of those which the Board of Trustees on September 22, 1965, requested the Illinois Building Authority to provide. The Authority has acquired the land and leased it to the University and will finance the construction and lease the building to the University. State appropriations are available for the rental payments.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board request the Illinois Building Authority to award a contract for the subject work to the lowest bidder and proceed to procure this facility for the use of the University.

I concur and recommend adoption of the following resolution.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to the Kuhne-Simmons Co. Inc., Champaign, Illinois, a contract for the total work for the construction of the "Psychology Building at Urbana-Champaign," for the fixed price of \$5,549,000.

Be It, and It Hereby Is, Further Resolved by The Board or Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Swain, this recommendation was approved and the foregoing resolution was adopted; these actions were taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Governor Kerner.

REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR FIELD FINISH PAINTING IN THE UTILITIES CENTER ADDITION, PHASE II, CHICAGO CIRCLE

(13) On February 14, 1967, the Illinois Building Authority received bids for field finish painting for the Utilities Center Addition, Phase II, at Chicago Circle. The

lowest bidder is Bobbe & Company, Chicago, with a bid of \$6,360. Four other bids were received:

Pyramid Decorating Company, Chicago.....	\$ 6 960 00
Wm. S. Alt & Son, Chicago.....	7 388 00
National Decorating Service, Chicago.....	8 965 00
Chicago Painting Service, Inc., Chicago.....	10 048 00

The lowest bidder is deemed fully qualified to perform this work.

The project is a part of Phase II construction which the Board, at its Executive Committee meeting on September 2, 1965, requested the Illinois Building Authority to provide. The Authority will finance the construction and lease the facilities to the University. State appropriations are available for the rental payments. The University will transfer jurisdiction of the land on which the project will be constructed to the Authority.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board request the Illinois Building Authority to award a contract for the described work to the lowest bidder and proceed to procure this facility for the use of the University.

I concur and recommend the adoption of the following resolution.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to Bobbe & Company, 1335 North Halsted Street, Chicago, Illinois, a contract for the field finish painting in the Utilities Center Addition at the Chicago Circle, Phase II, for the fixed price of \$6,360.00.

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract, and other documents as are necessary and appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Hughes, this recommendation was approved and the foregoing resolution was adopted; these actions were taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Governor Kerner.

CONTRACTS FOR DOOR REPLACEMENT AND REMODELING AND ENCLOSING STAIRWAYS IN THE GENERAL HOSPITAL AND NEUROPSYCHIATRIC INSTITUTE

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for door replacement and remodeling and enclosing stairways in the General Hospital and Neuropsychiatric Institute at the Medical Center, the award in each case to the lowest bidder.

General — R. E. Duggan Construction Co., Evanston.....	\$48 500 00
Electrical — Schaeffer Electric Co., Division of Sam Schaeffer Co., Chicago.....	1 198 00
	<u>\$49 698 00</u>

The work provides for remodeling and enclosing stairways and installation of fire doors together with necessary revisions to electrical door switches.

Funds are available from state capital appropriations for 1965-67 and have been released.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Dr. Weatherly, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Governor Kerner.

**CONTRACT FOR LABORATORY EQUIPMENT FOR MEDIA SERVICE
IN THE SECOND UNIT OF THE DENTISTRY-MEDICINE-PHARMACY
BUILDING, MEDICAL CENTER**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$7,393 to Metalab Equipment Company, Chicago, the second lowest bidder, for furnishing and setting in place laboratory equipment in the Media Service of the Research and Educational Hospitals at the Medical Center, located in the second unit of the Dentistry-Medicine-Pharmacy Building.

Media Service furnishes media for the hospitals and can only be closed during June, July, and August. The lowest bidder can not meet this schedule since he gives an unusually long time for completion (two hundred seventy days). The second lowest bidder can complete within one hundred fifty days, which will meet the schedule.

Funds are available from state capital appropriations for 1965-67 and have been released.

I concur.

On motion of Mr. Swain, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Governor Kerner.

**FORMALIZATION OF CHANGE IN CONTRACT FOR CONSTRUCTION
OF SINGLE GRADUATE RESIDENCE HALLS, URBANA**

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend that formal action be taken by the Board to extend the time of construction of the Single Graduate Residence Halls (SG-3) at Urbana in the contract with McCarthy Bros. Construction Company, St. Louis, Missouri, by one hundred seventeen days at no change in the contract price.

Even though the building has been completed and occupied by the University since December, 1965, the Department of Housing and Urban Development has recently advised the University that, prior to approval by the Department of completion of the project, a resolution ratifying the above change must be adopted by the Board of Trustees. Accordingly, adoption of the following resolution to comply with the requirements of the Department of Housing and Urban Development is recommended.

Resolution

Resolved, that The Board of Trustees of the University of Illinois does hereby approve, concur in and ratify the issuance of a change in the contract dated February 19, 1964, with the McCarthy Bros. Construction Company, St. Louis, Missouri, for the construction of Single Graduate Residence Halls (SG-3) to extend the actual construction period 117 days beyond the contract completion date and does hereby waive damages which may have accrued as the result of the completion date being extended 117 days.

On motion of Mr. Grimes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Governor Kerner.

LEASES WITH THE ILLINOIS BUILDING AUTHORITY

(17) The Board of Trustees on September 22, 1965, authorized the Comptroller and Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with certain University projects which the Seventy-fourth General Assembly of the State of Illinois had declared to be in the public interest.

The Illinois Building Authority has now forwarded to the University forms of the leases which it requests be used on two of the projects and has requested

that the Board of Trustees take specific action to approve the same. Copies of said lease forms are presented herewith and are being filed with the Secretary of the Board for record.

The leases relate to the following University projects and are on the terms indicated:

Project	Legislative Declaration	Amount of IBA Bonds	Two-Year Rent Paid Under Interim Lease During 1965-67 Biennium	Annual Rent Due September 1, 1967, and Each Year Thereafter	Total Rental Payments
Psychology Building, Urbana...	\$3 879 800 00	\$3 610 000 00	\$552 020 00	\$255 145 00	\$6 420 355 00
Medical Sciences Building Addition, Medical Center...	808 000 00	1 236 500 00	114 960 00	90 815 00	2 119 105 00

Funds for the rental payments under the leases during the current biennium, 1965-67, have been paid from appropriations made by the General Assembly under the interim leases previously executed as authorized on September 22, 1965.

The Vice-President and Comptroller, the Director of the Physical Plant, and the Legal Counsel recommend that the Comptroller and Secretary of the Board of Trustees be given specific authorization to execute these leases in substantially the form presented in this meeting and that the following resolution be adopted.

I concur.

Resolution Authorizing Leasing of Psychology Building and Medical Sciences Building Addition from Illinois Building Authority

WHEREAS The Board of Trustees of the University of Illinois on September 22, 1965, authorized the Comptroller and Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with certain University projects which the Seventy-Fourth General Assembly of the State of Illinois had declared to be in the public interest; and

WHEREAS in accordance with the Illinois Building Authority Act the Seventy-fourth General Assembly of the State of Illinois has declared, among others, the following University of Illinois projects at the Champaign-Urbana Campus and the Medical Center Campus to be in the public interest :

- A. Construct Psychology Building Champaign-Urbana Campus.... \$3 879 800 00
- B. Construct Medical Sciences Building Addition, Medical Center Campus..... \$ 808 000 00

and
 WHEREAS said declaration also provides that the cost of any specific project could exceed the amount set forth therefor so long as the aggregate amount stated therein to be financed by the Illinois Building Authority for the University is not exceeded; and

WHEREAS the amount designated for said projects as follows :

- A. Champaign-Urbana Campus
 IBA #74-09 Construct Psychology Building..... \$3 610 000 00
- B. Medical Center Campus
 IBA #74-13 Construct Medical Sciences Building Addition.... \$1 236 500 00

will not cause said aggregate amount to be exceeded; and

WHEREAS the interim leases applicable to these projects which were heretofore executed pursuant to prior authorization were for different amounts than now being designated; and

WHEREAS the Illinois Building Authority has forwarded to the University of Illinois forms of the permanent construction leases which it requests be used for these projects and which will supersede the interim leases; and has requested that the Board of Trustees take specific action to approve the same; copies of which lease forms are presented herewith and are being filed with the Secretary of the Board for record;

Now, Therefore, Be It, and It Hereby Is, Resolved that the Comptroller and Secretary of this Board of Trustees be, and hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this corporation leases with the Illinois Building Authority in substantially the forms presented to this meeting for the following buildings and facilities :

- A. Construction of a Psychology Building at Champaign-Urbana, Illinois, at a cost to the Illinois Building Authority of \$3,610,000.00 requiring an initial rental

on or before May 1, 1966 of the sum of \$276,010.00 and on or before September 1, 1966, the sum of \$276,010.00 (payments of which have heretofore been made); and during each successive renewal term of the Lease, the annual sum of \$255,145.00 on or before the 1st of September of each year for 23 years with total rental payments of \$6,420,355.00.

- B. Construction of a Medical Sciences Building Addition at the Medical Center Campus at a cost to the Illinois Building Authority of \$1,236,500.00 requiring an initial rental on or before May 1, 1966, of the sum of \$57,480.00; and on or before September 1, 1966, the sum of \$57,480.00 (payments of which have heretofore been made); and during each successive renewal term of the Lease, the annual sum of \$90,615.00 on or before the 1st of September of each year for 23 years with total rental payments of \$2,119,105.00.

On motion of Mr. Swain, authority was given as recommended and the foregoing resolution was adopted; these actions were taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Governor Kerner.

**LEASE OF COMPUTER SYSTEM FOR COMPUTER-BASED
MANAGEMENT SERVICE FOR BUILDING INDUSTRY, URBANA**

(18) The University has received a grant from the federal government through the State Technical Services Act (STSA) for a long-range project dealing with a technical-service program for the building industry in the state of Illinois.

Under the STSA Grant, the Civil Engineering Systems Laboratory in the Department of Civil Engineering will provide the development, implementation, dissemination, and service use of a computer center containing procedures (programs) and data files needed for the building industry and accessible through remote terminals.

The purpose of this project is to develop and provide to the building industry through the state of Illinois, the data-processing and decision-making tools necessary for the conduct of the industry's business through the use of a computer center. The computer system will also serve to enhance the resources of the Department of Civil Engineering for the education of students in this field.

This comprehensive construction-management system will incorporate three major facets of the contractor's operations: (1) planning and scheduling; (2) estimating; (3) payroll and accounting. A similar interest will be served in providing computer-aided structural analysis and design facilities for contractors, architects, and engineers.

The overall program for the computer center will be supported jointly by the University, private industry, and the federal government with federal funds being available on a matching basis under the auspices of the State Technical Services Act and administered through the state of Illinois. The computer manufacturer would also participate in the funding of this project by a financial contribution.

In order to implement the full-scale program, the University must enter into a contractual lease agreement with a computer manufacturer for the required equipment. Sealed bid proposals were solicited from all known sources for this type of equipment. The proposals were received on eight computing systems offered by four manufacturers and were reviewed by an evaluating committee composed of the professorial staff on the project. The equipment offered in each individual proposal was judged on the technical and performance capabilities in the various categories of the bid specifications and the proposed net rental price. The proposal submitted by the Burroughs Corporation is the only one that meets or exceeds all hardware and software specification items, with the exception of one minor factor concerning utility programs. The Head of the Department of Civil Engineering reviewed and approved the findings of the evaluating committee. The Dean of the College of Engineering concurred with these findings.

The Dean of the College of Engineering and the Vice-President and Comptroller recommend that, subject to availability of funds, a lease agreement for the rental of the required equipment be entered into with Burroughs Corporation, Equipment and Systems Marketing Division, Detroit, Michigan, the firm offering equipment with the highest number of evaluation points. The cost will be \$20,394

per month, less the manufacturer's financial contribution to the project of \$2,643, or a net monthly rental expenditure of \$17,751. Such rentals will be paid from other than state funds. Subject to the availability of funds: (1) the initial lease will be from date of delivery (estimated to be December, 1967) to June 30, 1969, and will be renewable for biennial periods; (2) the University intends to renew the lease for a total period of seven years.

The center began operations in July, 1966, and is currently engaged in the preparation of: (1) the necessary computer programs, and (2) a short course to orient industry to the project. It is anticipated that full-scale operations involving the computer center referred to in this Board item will begin in December, 1967.

This computer complex will be the first state-wide center developed to provide technical services to an industry through the cooperative efforts of university and industry.

The proposed computer system will also serve as the Department of Civil Engineering's terminal to the computer net being developed by the Department of Computer Science.

I concur.

On motion of Mr. Grimes, this recommendation was approved.

ASSIGNMENT OF COPYRIGHT

(19) Professor D. Alexander Brown, a member of the Library staff, has asked that copyright in his book *The Galvanized Yankees* published by the University Press be assigned to him so that he can pursue the possibility of selling the dramatic rights.

Professor Brown wrote this book on his own time, and it was not a commissioned work. The publication contract entered into between Professor Brown and The Board of Trustees of the University of Illinois provides in part: "all motion picture, dramatic and television rights of the work are hereby reserved to the author."

The Director of the University Press requests authority to assign this copyright to Mr. Brown with a license retained by the Press for all publication and reprint rights.

I concur.

On motion of Mr. Clement, authority was given as requested.

VERDELL-FRAZIER-YOUNG MEMORIAL FUND

(20) Under the wills of Charles B. Young and Nelle B. Robson, a bequest was made to the University, as residuary legatee, for the following purpose: "Creation of a fund to be known as the Verdell-Frazier-Young Memorial Fund, the income to be administered by the Trustees in accordance with their own judgment, discretion and rules, and for the general purpose of the advancement of the education of women."

There has been received from these estates the sum of \$215,530.22, which has been invested in the Endowment Pool. The Dean of Students and the Dean of Women have recommended that a major portion of the fund be administered by the Committee on Undergraduate Scholarships and the Graduate College Committee on Fellowships for awards to women students on the basis of need and academic attainment. They further recommend that a minor portion of the income be used for an annual series of lectures and workshops to be known as the Illini Symposia for Women, with proposed topics being continuing education for women, encouragement to women intending to return to college, and general academic interest calculated to provide knowledge of contemporary thought in various fields. The annual cost of such a series is estimated to be \$2,000.

I concur in these recommendations. Approval of the acceptance of the bequest and the implementation of the programs as described is requested.

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

PURCHASES

(21) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller; also a list of purchases authorized by the President.

The lists of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

<i>From Appropriated Funds</i>	
Purchases Recommended.....	\$ 63 214 60
<i>From Institutional Funds</i>	
Purchases Authorized.....	\$ 30 244 00
Purchases Recommended.....	207 829 19
	<hr/>
	\$238 073 19
<i>Grand Total.....</i>	<i>\$301 287 79</i>

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Page, the purchases authorized by the President were approved, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(22) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(23) The Comptroller's report of contracts executed during the period February 1 to 28, 1967.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Carle Foundation	Clinically oriented physiological research	\$ 8 360 00
Commercial Solvents Corporation	Effect of antibiotics on antibody response to specific antigens in young swine	2 500 00
	Role of choline in swine nutrition	2 500 00
Mercy Hospital (subcontract with United States Department of Health, Education, and Welfare) NPG 188-01	Computer-assisted instruction to be used in basic nurses' training courses	25 840 00
United States Air Force F41609-67-C-0020	Arterial blood flow and rate of gaseous nitrogen elimination of anesthetized dogs exposed to simulated altitude	16 978 00
United States Army DADA 17-67-C-7058	Social and cultural structure of the relations between two groups in Mae Hongson in western Thailand	27 375 00
	DADA 17-67-C-7062	14 497 00
	Attempt to formulate a disinfectant in tablet (or other) form for the disinfection of small quantities (canteens) of drinking water	50 953 00
United States Department of Agriculture	Effect of pre-dehydration and dehydration conditions on the quality of dehydrated vegetables	50 953 00
United States Department of Health, Education, and Welfare OEC 3-7-000011-1550	Extension of Asian Studies Language and Area Center	38 000 00
	OEC 3-7-068362-0274	7 686 00
	Superior women college students: their self concepts and academic motivation	7 686 00
United States Navy N62399-67-C-0008	Active systems for increased structural resistance	5 000 00
<i>Total</i>		<hr/> \$199 689 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Associated Booking Corp.	Performance of six musicians by The Association at Chicago Circle Center	\$ 3 000 00
LaNapoule Art Foundation— Henry Clews Memorial	Education program in architecture at LaNapoule, France	9 000 00
<i>Total</i>		<u>\$12 000 00</u>

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
The First Federal Savings and Loan Association of Chicago, Illinois	Office space in the First Federal Building, Chicago, Illinois (February 1, 1967, to October 31, 1969)	\$8 580 00
University of Illinois Foundation	Suite of rooms at 627½ South Wright Street, Champaign, Illinois (December 15, 1966, to June 30, 1967)	1 381 00
<i>Total</i>		<u>\$9 961 00</u>

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
National Aeronautics and Space Administration NSG-195	Microneuroanatomy of the central nervous system	\$ 166 000 00
United States Air Force AF 19(604)-5565	Processes in the ionosphere by means of gyrointer-action experiments carried out with rockets	3 322 00
AF 29(601)-6850	Development of indices relating the physical properties and engineering behavior of rock	12 206 00
AF 30(602)-4144	Experimentation in parallel computation	3 600 000 00
United States Army DA-01-021-AMC-13902(Z)	Factors influencing the annular base drag of bodies of revolution with jet flow in transonic and supersonic external streams	29 971 00
DA-36-039-AMC-0370(E)	Ionospheric research	40 213 00
United States Atomic Energy Commission AT(11-1)-1195	Elementary particle interactions in the high energy regions	1 170 629 00
United States Department of Health, Education, and Welfare OE-6-10-184	Development of a Plato control logic to permit retrieval and processing of information concerning students' responses to instructional material	75 726 00
OE-3-6-051182-1634	String instruction program	65 226 00
<i>Total</i>		<u>\$5 163 293 00</u>

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Downtown Electric	Cost-plus contracts— electrical (three items from \$4,000 to \$5,000)	Allen Hall, Illini Union, Noyes Laboratory \$13 400 00
Dean Evans Company	Cost-plus contracts— (two items, \$3,000 and \$3,000)	Noyes Laboratory, 1002 West Green Street 6 000 00
George S. Grimmett and Company	Cost-plus contract— plastering	Natural History Building 4 000 00
Inskip Plumbing, Heating and Air Conditioning Co.	Heating and air conditioning	Observatory Second Addition 2 651 00
Kuhne-Simmons Co., Inc.	General	Florida Avenue Residence Halls 5 939 00
Gerhardt F. Meyne Company	Cost-plus contract— general	Hospital Addition, Chicago 3 809 00
Reliable Plumbing and Heating Company	Cost-plus contracts— heating and ventilating (three items from \$3,560 to \$7,000)	Illini Union, Morrill Hall Addition, 1002 West Green Street 14 865 00
The Nu-Way Contracting Corporation	Cost-plus contract— heating, piping, re- frigeration	Blood Bank in General Hospital, Chicago 7 108 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Thomas Plumbing and Heating Company	Cost-plus contracts — plumbing (two items, \$3,270 to \$4,000)	\$ 7 270 00
	Illini Union, Noyes Laboratory	
Total		\$65 042 00

Summary

Amount to be paid to the University.....	\$5 362 982 00
Amount to be paid by the University.....	87 003 00

This report was received for record.

INVESTMENT REPORT

Report of the Finance Committee

(24) The Finance Committee reported the following changes in investments of endowment funds for the month of January, 1967:

Miller

Sale		
\$49 000 U.S. Treasury 3¼ per cent bonds due 6/15/83.....	\$	42 507 50

Pool

Purchase		
\$19 000 Federal Land Bank 5¾ per cent bonds due 7/20/76.....	\$	19 760 00
500 shares Commonwealth Edison Company common stock....		25 625 00
600 shares Ford Motor Company common stock.....		24 309 00
600 shares Goodyear Tire and Rubber Company common stock		25 125 00
1 000 shares Jewel Company common stock.....		27 199 40
42/100 share Monsanto Chemical Company common stock.....		16 83
600 shares National Dairy Company common stock.....		20 400 00
1 500 shares Peoples Gas Light and Coke Company common stock.....		53 801 25
1 000 shares Tenneco, Incorporated, common stock.....		21 406 30

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of January, 1967:

Current Funds

FORD FOUNDATION — GENERAL ENGINEERING

Purchase		
\$7 000 U.S. Treasury bills due 1/31/68.....	\$	6 713 61

KRANNERT CONTRIBUTIONS

Sale		
\$39 000 Commercial Credit Company open-end demand notes....		39 000 00

Purchase		
\$48 000 Federal Land Bank 5¾ per cent bonds due 7/20/76.....		49 987 50

MEMORIAL CAMP

Purchase		
\$5 000 U.S. Treasury 3¾ per cent bonds due 11/15/74.....		4 765 50

RESTRICTED GROUP

Purchase		
\$ 750 000 International Harvester Credit Corp. 5¼ per cent notes due 3/17/67.....		750 000 00
1 000 000 Beneficial Finance notes due 5/2/67.....		986 875 00
1 000 000 Clark Equipment notes due 5/2/67.....		986 875 00

Construction Funds

UNION BUILDING (Chicago Circle)

Purchase		
\$60 000 U.S. Treasury bills due 5/18/67.....		59 070 49

Sinking Funds

ASSEMBLY HALL

Purchase

\$195 000 U.S. Treasury 4 $\frac{7}{8}$ per cent notes due 8/15/67.....	195 304 69
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DORMITORY REVENUE BONDS OF 1956

Purchase

\$13 000 U.S. Treasury 4 per cent bonds due 2/15/72.....	12 707 50
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HOUSING REVENUE BONDS

Purchase

\$773 000 U.S. Treasury 5 $\frac{3}{8}$ per cent notes due 2/15/68.....	780 730 00
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11 000 U.S. Treasury 5 $\frac{3}{8}$ per cent notes due 11/15/71.....	11 316 25
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445 000 U.S. Treasury 4 per cent bonds due 2/15/72.....	433 040 63
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MEDICAL CENTER BONDS (Medical Center)

Purchase

\$17 000 U.S. Treasury 4 per cent bonds due 2/15/70.....	16 745 00
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MEN'S RESIDENCE HALLS OF 1957

Purchase

\$195 000 U.S. Treasury 4 per cent bonds due 2/15/72.....	188 906 25
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STUDENT SERVICES

Purchase

\$48 000 U.S. Treasury 4 per cent bonds due 2/15/72.....	46 500 00
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This report was received for record.

REGULAR AGENDA DELAYED

President Johnston announced that the regular agenda would be continued after lunch as the next item of business could not be considered until a report on the bids on the Housing Revenue Bonds of 1966, Series A and B (to finance the construction of the Orchard Apartments, Phase 4), had been received from Chicago.

STATEMENT BY MR. THEODORE A. JONES

Mr. Jones asked for the floor and made the following suggestion: That there be developed a regular procedure for recording the items of interest raised by Trustees from time to time. He suggested that a "log" be established listing the inquiries of Trustees and the reports prepared in response to them. Such a listing, he pointed out, would give all concerned an opportunity from time to time to assess subjects so listed. The Secretary was directed to establish and maintain such a log.

**REPORTS AND RECOMMENDATIONS FROM THE
PRESIDENT OF THE BOARD****FUTURE BOARD MEETINGS**

Since October, 1966, the Board has been meeting on the second Tuesday of each month on a trial basis. The Board agreed to return to the schedule provided by the *By Laws*, the third Wednesday of each month, beginning with the September, 1967, meeting. The Board also agreed to change the dates of the April, May, June, and July, 1967, meetings as follows: April 19, in Urbana; May 16, at the Medical Center; June 20, in Urbana; and July 26, in Urbana. The Board agreed to omit the August, 1967, meeting.

REPORT OF THE FINANCE COMMITTEE

Mr. Swain, for the Finance Committee, presented the following report and moved its adoption.

Report Concerning the Biennial Operating Budget for 1967-69

On February 9, the Board of Trustees received a report from this Committee which indicated that the Committee would continue to explore methods of meeting the urgent financial requirements of the Research and Educational Hospitals in the 1967-69 biennium. The University had requested a biennial increase of \$1,901,000, all of which would be provided by the additional income of the Hospitals, and the Board of Higher Education had approved \$738,800.

Historically, the income earned by the Hospitals has constituted such a small percentage of the total operating costs of the Hospitals that the income has been treated as general income in support of the total University budget. Over the years, this income from the Hospitals has continued to increase and will increase further under the new federal insurance programs. In view of the higher percentage of income to be realized, it is proper under existing laws to change the method of accounting for this income and to treat it on a revolving fund basis, to be used to support the Hospitals' operations. By changing to this method of accounting, which is possible under existing law, the Hospitals will secure the benefits of any income which might be earned. To the extent that income is greater than estimated, the reductions made by the State Board of Higher Education can, in effect, be restored.

It is therefore recommended that the method of accounting for income from the Research and Educational Hospitals be modified so that such income will be treated as a revolving fund, available for expenditure for the Hospitals' operation, and that the total estimated Hospital income of \$5,025,000 for the biennium be subtracted from the University Income Fund appropriations requests which the Board of Higher Education has approved.

The report was unanimously adopted.

RECESS AND EXECUTIVE SESSION

President Johnston stated that an executive session had been requested and was being ordered for consideration of business relating to patentable discoveries.

On motion of Mr. Swain, the Board recessed for five minutes.

The following recommendation from the President of the University was presented and considered.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(25) The University Patent Committee, with the concurrence of the Chairman of the University Research Board, submits the following reports and recommendations relating to patentable inventions by members of the staff.

1. Gaseous switching array and flat matrix displays for computer controlled automatic teaching systems and nine related inventions — Donald L. Bitzer, Associate Professor of Electrical Engineering and Research Associate Professor in the Coordinated Science Laboratory, Robert H. Willson, formerly Research Assistant in the Coordinated Science Laboratory, and H. Gene Slottow, Senior Research Engineer in the Coordinated Science Laboratory, inventors; developed under a contract with the Department of the Army.

A recommendation of the University Patent Committee that the University rights in the invention titled "Gaseous Switching Array and Flat Matrix Displays for Computer Controlled Automatic Teaching Systems" be assigned, subject to the rights of the United States Army, to the University of Illinois Foundation for study and possible patent application was approved by the Patent Committee of the Board of Trustees on July 21, 1965.

The present recommendation concerns the fundamental invention and nine additional inventions which relate to and are associated with it. Four of this latter group were developed with the resources of the Coordinated Science Laboratory, and the University of Illinois has the rights to them as it has to the fundamental invention. The remaining five inventions were conceived without the use of resources or facilities of the University, and it is the opinion of the University Patent Committee that the University has no claim to them. However, Professor Bitzer and his associates are prepared to assign their rights in the five inventions to

the University, to be administered with those to which the University retains rights, subject to any rights of the sponsoring agency. In consideration for this assignment, the Patent Committee recommends that 25 per cent of the net income from all of the inventions be paid to the inventors.

2. Fiber optics image curving element—Miles V. Klein, Associate Professor of Physics, and Wayne R. Fenner, Research Assistant in the Department of Physics and in Materials Research Laboratory, inventors; developed under a contract with the Advanced Research Projects Agency. The device consists of an element built of glass fibers which makes possible the focussing of a straight line image of a laser beam onto the curved entrance slit of a monochromator with as little light loss as possible.

The Committee recommends that the interests of the University be assigned to the inventors, with the understanding that they will apply for a patent within a reasonable period of time; and that if they do not so apply and upon the request of the United States Government, the rights of the University be assigned to the Government.

3. Asparaginase experiments—William C. Dolowy, Administrator of the Medical Research Laboratory, inventor. This invention involves the use of bacterial L-asparaginase against lymphoma cells in the brain. Bacterial asparaginase is shown to be active against human leukemia cells.

University Patents, Inc., reported that this preparation has important possibilities as a treatment for leukemia and that a patent application should be filed. The Committee, therefore, recommends that the rights of the University be assigned to the University of Illinois Foundation for study and possible patent application.

4. Ultrasonic particle feeder for flash evaporation—R. N. Peacock, Associate Professor of Physics and Research Associate Professor in the Coordinated Science Laboratory, and J. R. Eckardt, student, inventors; developed under a contract with the Joint Services Electronics Program. This device utilizes ultrasonic vibrations for feeding of particles of alloy or other compounds into a flash evaporation unit for the deposit of one atomic layer on a substrate. The unit permits excellent rate control and may be installed in a few minutes in any evaporator having an electric feedthrough.

The Committee recommends that the rights of the University be assigned to the University of Illinois Foundation, subject to the rights of the United States Government.

5. O-ring fitting—C. E. Gotschall, Mechanical Construction Superintendent in the Physical Plant Department, inventor. This device consists of an O-ring seal, placed into a pipe fitting, which eliminates the necessity of welding and threading pipe joints and installing expansion loops and joints in the system.

In accordance with the inventor's wishes, the Committee recommends that the rights of the University be assigned to the University of Illinois Foundation for study and possible patent application.

6. Pocket field microscope—Craig W. Vetter, Research Associate in Secondary and Continuing Education and in the Curriculum Laboratory, inventor; developed under a contract with the National Science Foundation. This is an inexpensive magnifying device intended to be carried by individual students in the pocket. Existing mounted lenses give a magnification of fifty power. Within its sliding cover handle, the microscope carries up to ten specimen slides.

The Committee recommends that the rights of the University be assigned to the University of Illinois Foundation, subject to the rights of the United States Government.

7. Water displacement balance—Craig W. Vetter, Research Associate in Secondary and Continuing Education and in the Curriculum Laboratory, and Norman McFarland, Associate Professor of Art, inventors; developed under a contract with the National Science Foundation. This is a substitution type weighing device consisting of a float which is held submerged by a set of graduated gram weights placed on the weighing frame. An object placed on the weighing pan causes the weighing frame to move downward. By adding the total gram weights which must be removed from the frame to return it to its original position, the weight of the object can be determined.

The Committee recommends that the rights of the University be assigned to the University of Illinois Foundation, subject to the rights of the United States Government.

8. Hatchet planimeter — Norman McFarland, Associate Professor of Art, inventor; developed under a contract with the National Science Foundation. This device consists of an arm of known length with a tracing point at one end and a hatchet blade at the other end. The hatchet blade controls the direction in which its end of the arm will move as the tracing point is guided by the operator around the outline of an irregular plane figure of unknown area. The distance the hatchet blade is displaced, multiplied by the length of the arm, produces a very close approximation of the area of the traced irregular figure.

The Committee recommends that the rights of the University be assigned to the University of Illinois Foundation, subject to the rights of the United States Government.

9. Specific tritium labeling procedure for purine containing compounds — John M. Clark, Jr., Associate Professor of Biochemistry, and Keith R. Shelton, graduate student, inventors; developed under contract with the United States Public Health Service. This invention relates to a simplified procedure for specifically and stably labeling a variety of purine containing compounds with the radioactive isotope tritium. Procedures presently used to produce radioactively labeled purine containing compounds are more complex.

The Committee recommends that the rights of the University be assigned to the University of Illinois Foundation, subject to the rights of the United States Public Health Service.

10. Compiler for automated teaching operations — Donald L. Bitzer, Associate Professor of Electrical Engineering and Research Associate Professor in the Coordinated Science Laboratory, Andrew J. Hanson, Student Assistant, Masako Secrest, Research Associate in the Coordinated Science Laboratory, Stephen W. Singer, Student Assistant, and Michael W. Walker, Student Assistant, inventors; developed under a contract with the United States Army Signal Corps, the Joint Services Electronics Program, and the Advanced Research Projects Agency. This invention involves a system consisting of a "compiler," which accepts a language that describes the many different strategies available to the teacher and a modified version of the FORTRAN 60 language for the Control Data 1064, and a "resident" program which uses the tables and programs generated by the compiler program to respond in the way the teacher has specified to requests from each student-operated console. The invention exploits similarities in the structure of most teaching programs employing a central computer and many stations while allowing the educator wide freedom in his choice of an experimental or teaching strategy.

The Committee recommends that the rights of the University be assigned to the University of Illinois Foundation, subject to the rights of the United States Government.

I concur in these recommendations.

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

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations, declinations, cancellations, and terminations; leaves of absence; cancellation of sabbatical leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was approved by the President of the University. C = College; S = Station; E = Extension.)

Chicago Circle

WILLIAM E. BEZDEK, Instructor in Sociology, $\frac{2}{3}$ time, winter and spring quarters 1966-67, \$3,200 (1-23-67).

RAYMOND W. COLEMAN, Professor of Economics and of Management, indefinite tenure from March 1, 1967, academic year service basis, \$20,050 a year, supersedes (12-29-66).

GERALD A. DANZER, Instructor in Education and History, $\frac{1}{2}$ time, December 16, 1966-June 15, 1967, \$2,400 (2-7-67).

- LLOYD ENGELBRECHT, Assistant Bibliographer for Art and Architecture, with rank of Assistant Professor, in the Library, eleven months from October 1, 1966, \$9,250 a year, supersedes (1-19-67).
- MICHAEL S. GELICK, Assistant Professor of Architecture, winter and spring quarters 1966-67, \$1,000 a month (1-23-67).
- WILHELM HOLZBAUER, Lecturer in Architecture, winter quarter 1966-67, \$4,000 (2-11-67).
- MRS. MILDRED LEVY, Assistant Professor of Economics, College of Business Administration, full time, fall quarter, effective September 1, 1966, \$3,166.64, and $\frac{1}{4}$ time, winter and spring quarter, effective January 1, 1967, \$1,583.36, supersedes (11-30-66).
- PATRICIA MCFATE, Assistant Professor of English, $\frac{1}{2}$ time, \$2,834, and Assistant to the Dean of the College of Liberal Arts and Sciences, $\frac{1}{2}$ time, \$3,464, winter and spring quarters 1966-67, total salary \$6,298, supersedes (1-23-67).
- MRS. SHIRLEY L. PUNDT, Lecturer in Architecture, $\frac{1}{2}$ time, winter quarter 1966-67, \$1,500 (1-23-67).
- J. DAVID RASCHE, Administrative Assistant to the Architectural Chairman, Department of Architecture, winter and spring quarters 1966-67, \$13,000 a year (1-28-67).
- ROBERT H. RATCLIFFE, Assistant Professor of Education, $\frac{1}{2}$ time, winter quarter 1966-67, \$1,633.32, supersedes (1-23-67).
- EDWARD G. RIETZ, Assistant Professor of Chemistry, $\frac{1}{2}$ time, winter and spring quarters 1966-67, \$2,900, supersedes (2-9-67).
- LOUIS ROCAH, Lecturer in Architecture, winter quarter 1966-67, \$3,667 (1-23-67).
- SHLOMO SHALIT, Instructor in Economics, $\frac{2}{3}$ time, winter quarter 1966-67, \$2,000 (2-7-67).
- THEODORE J. SPAHN, Bibliographer, with rank of Assistant Professor, in the Library, $\frac{1}{2}$ time, eight months from January 1, 1967, \$375 a month, supersedes (1-24-67).
- RONALD C. VANDERKOOI, Assistant Professor of Sociology, winter and spring quarters 1966-67, \$9,200 a year, supersedes (2-9-67).
- JOHN S. WILLIAMS, Visiting Lecturer in Geology, $\frac{2}{5}$ time, winter quarter 1966-67, \$1,100 (1-23-67).

Medical Center

- MARY M. DAHL, Instructor in Ophthalmology, College of Medicine, $\frac{1}{2}$ time, eight months from January 1, 1967, \$4,000 a year, supersedes her nonsalaried appointment (1-13-67).
- MRS. ROSEMARY E. DELEON, Instructor in Anesthesia, Department of Surgery, College of Medicine, January 4-August 31, 1967, \$7,850 a year (2-7-67).
- DOUGLAS L. FOSTER, Assistant Professor of Psychiatry, College of Medicine, $\frac{3}{4}$ time, five months from April 1, 1967, \$12,000 a year (1-23-67).
- EDWARD FUTTERMAN, Assistant Professor of Psychiatry, College of Medicine, $\frac{3}{8}$ time, eight months from January 1, 1967, \$11,300 a year, supersedes (11-18-66).
- JOHN R. HARTMAN, Clinical Assistant Professor of Radiology, College of Medicine, 5 per cent time, eight months from January 1, 1967, \$760 a year, supersedes (12-7-66).
- FLOYD N. HELLER, Clinical Assistant Professor of Anesthesiology, Department of Surgery, College of Medicine, seven months from February 1, 1967, without salary, supersedes his previous appointment with salary (2-2-67).
- K. VAHE KARACHORLU, Instructor in Pathology, College of Medicine, eight months from January 1, 1967, \$6,600 a year, supersedes his nonsalaried appointment (1-23-67).
- H. PETER NENNHAUS, Clinical Assistant Professor of Surgery, College of Medicine, six months from March 1, 1967, without salary, supersedes his previous appointment with salary (2-9-67).
- JOHN R. NOAK, Research Associate-Evaluation Section, ORME, College of Medicine, seven months from February 1, 1967, \$10,700 a year (1-16-67).
- JOHN R. ORNDORFF, Clinical Associate Professor of Surgery, College of Medicine, $\frac{1}{2}$ time, eight months from January 1, 1967, \$3,600 a year, supersedes his nonsalaried appointment (1-23-67).
- SURENDRA NATH PANDEYA, Research Associate in Chemistry, College of Pharmacy, six months from March 1, 1967, \$6,600 a year (2-16-67).

- SHOLOM PEARLMAN, Consultant in Public Health Dentistry, College of Dentistry, $\frac{7}{10}$ time, five months from January 1, 1967, \$133.33 a month (1-28-67).
- MRS. AGNES G. REZLER, Associate-Evaluation Section, ORME, College of Medicine, $\frac{3}{4}$ time, seven months from February 1, 1967, \$9,750 a year (2-7-67).
- CLIFTON RHEAD, Clinical Assistant Professor of Psychiatry, College of Medicine, eight months from January 1, 1967, without salary, supersedes (1-18-67).
- MRS. MARIA E. SERRATTO-BENVENUTO, Research Associate in Pediatrics, College of Medicine, $\frac{9}{10}$ time, nine months from December 1, 1966, \$6,000 a year, supersedes (1-9-67).
- HAROLD W. SPIES, Clinical Associate Professor of Preventive Medicine and Community Health, College of Medicine, $\frac{1}{2}$ time, seven months from February 1, 1967, without salary, supersedes his previous appointment with salary (2-2-67).
- CLAUDIO TORRES, Instructor in Pathology, College of Medicine, $\frac{1}{2}$ time, one year from January 1, 1967, \$1,320, supersedes (1-23-67).
- EDWARD T. TOYOOKA, Clinical Assistant Professor of Anesthesiology, Department of Surgery, College of Medicine, seven months from February 1, 1967, without salary, supersedes his previous appointment with salary (2-2-67).
- STEPHEN WEI, Instructor in Pedodontics, College of Dentistry, eight months from January 1, 1967, \$9,000 a year (1-10-67).
- WANDA WILK, Instructor in Nursing, academic year service basis, effective February 6, 1967, \$7,200 a year (1-30-67).

Urbana

- ROBERT W. ADAMS, Research Associate in Chemistry, April 10-August 31, 1967, \$6,800 a year (1-30-67).
- MOHAMMAD ALI-ARKARIAN, Assistant Professor of Civil Engineering (C and S), Semester II 1966-67, \$4,500, supersedes (1-23-67).
- RICHARD C. ANDERSON, Associate Professor of Educational Psychology, College of Education, and of Psychology, College of Liberal Arts and Sciences, indefinite tenure, academic year service basis effective December 1, 1966, \$15,250 a year, supersedes (1-30-67).
- JOHN W. ATWOOD, Instructor in Electrical Engineering (C), $\frac{2}{3}$ time, Semester II 1966-67, \$1,866.66 (1-26-67).
- ROBERT S. BADER, Professor of Zoology, on indefinite tenure, academic year basis, \$13,000 a year, and Associate Head of the Department of Zoology, Semester II 1966-67, \$1,000 a year, supersedes (1-16-67).
- VERNON L. BRAZLE, Extension Visuals Specialist and Instructor in Agricultural Communications (E), eight months from January 1, 1967, \$7,800 a year, supersedes (1-9-67).
- GLEN M. BROOM, Extension Communication Specialist and Instructor in Agricultural Communications (E), seven months from February 1, 1967, \$9,000 a year, supersedes (1-9-67).
- ORWIN L. CARTER, Research Associate in Chemistry, two months from January 1, 1967, \$1,100 (1-30-67).
- MRS. JEAN B. CASPER, Bibliographer, with rank of Instructor, in the Library, seven months from February 1, 1967, \$6,600 a year (2-9-67).
- KENNETH E. CESSNA, Extension Graphics Specialist and Instructor in Agricultural Communications (E), eight months from January 1, 1967, \$8,100 a year, supersedes (1-9-67).
- RICHARD F. COON, Research Associate in Civil Engineering (C), $\frac{1}{2}$ time, Semester II 1966-67, \$1,575, supersedes (2-9-67).
- DELBERT T. DAHL, Extension Communication Specialist and Instructor in Agricultural Communications (E), seven months from February 1, 1967, \$8,700 a year (1-9-67).
- N. P. DAVIS, Assistant Professor of English, $\frac{1}{3}$ time, Semester II 1966-67, \$1,266.67, supersedes (2-16-67).
- CLAYTON L. DAWSON, Professor of Linguistics and of Russian, indefinite tenure, and Head of the Department of Slavic Languages and Literatures, academic year basis, effective September 1, 1966, \$19,000 a year, supersedes (1-16-67).
- RAYMOND L. DEN ADEL, Instructor in the Classics, Summer Session of 1967, June 19-July 1, 1967, \$334 (2-9-67).
- WALTER E. DITZLER, Chief Curriculum Instructor in the Institute of Aviation, seven months from February 1, 1967, \$16,200 a year, supersedes (2-9-67).

- DALE I. EDWARDS, Assistant Professor of Plant Pathology (C), seven months from February 1, 1967, without salary (2-7-67).
- VANCE A. ETNYRE, Administrative Associate in the College of Engineering, seven months from February 1, 1967, \$10,000 a year (1-23-67).
- JOHN L. FORD, Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, Semester II 1966-67, \$1,450, supersedes (1-27-67).
- JUNIUS L. FORSBERG, Professor of Plant Pathology (C), seven months from February 1, 1967, without salary (2-7-67).
- PETER A. FREY, Institute of Labor and Industrial Relations Librarian, with rank of Instructor, in the Library, seven months from February 1, 1967, \$8,000 a year (2-11-67).
- DAVID W. GARVEY, Visiting Lecturer in Music, $\frac{1}{2}$ time, February 1-June 15, 1967, \$4,500 (1-28-67).
- R. W. GIBBINS, Visiting Lecturer in Accountancy, February 1-June 15, 1967, \$5,700 (1-18-67).
- DOROTHY A. GOSS, Instructor in Family Economics and Home Management (E), February 15-August 31, 1967, \$8,700 a year, supersedes (1-28-67).
- MRS. RAJNI GOVINDJEE, Research Associate in Botany, eight months from January 1, 1967, \$7,500 a year (1-16-67).
- ROGER J. GREEN, Research Associate in the Bureau of Economic and Business Research, $\frac{3}{4}$ time, five months from January 1, 1967, \$3,437.50, supersedes (1-12-67).
- EUGENE L. HAAK, Chief Ground Instructor in the Institute of Aviation, seven months from February 1, 1967, \$15,500 a year, supersedes (2-9-67).
- WALTER HARTSTIRN, Assistant Professor of Plant Pathology (C), seven months from February 1, 1967, without salary (2-7-67).
- DAVID HARVEY, Research Associate in the Institute for Research on Exceptional Children, five and one-half months beginning January 1, 1967, \$4,666.64 (1-19-67).
- ROBERT G. HEEREN, Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, Semester II 1966-67, \$1,400 (1-26-67).
- DONALD K. HEIL, Research Associate in the Office of Instructional Resources, eight months from January 1, 1967, \$4,600, supersedes (1-4-67).
- LOIS A. HINDHEDE, Research Associate in Vocational and Technical Education, College of Education, $\frac{1}{2}$ time, seven months from February 1, 1967, \$4,500 a year, supersedes (2-1-67).
- CLAUDIA HOLT, Bibliographer, with rank of Instructor, in the Library, seven months from February 1, 1967, \$6,600 a year (2-16-67).
- BARBARA J. HUMPHRYS, Assistant Reference Librarian, with rank of Instructor, in the Library, February 15, 1967-August 31, 1967, \$6,700 a year (1-9-67).
- LEROY IMDIEKE, Instructor in Accountancy, $\frac{3}{4}$ time, Semester II 1966-67, \$2,212.50 (2-10-67).
- MRS. LINDA M. KATOH, Research Programmer in Computer Science, January 12-August 31, 1967, \$8,500 a year (2-11-67).
- PANCE KIRKOV, Research Associate in Chemistry, June 16-September 30, 1967, \$2,625 (1-10-67).
- RICHARD J. KOSTELNICEK, Instructor in Electrical Engineering (C), $\frac{17}{100}$ time, Semester II 1966-67, \$500 (1-26-67).
- OLIVER A. KUEKER, Management Methods Analyst in the Statistical Service Unit, eight months from January 1, 1967, \$10,500 a year, supersedes his nonacademic appointment (1-23-67).
- DANNY J. LAUGHUNN, Assistant Professor of Industrial Administration and of Business Administration, College of Commerce and Business Administration, seven months from February 1, 1967, \$10,500 a year, supersedes (1-30-67).
- TIMOTHY G. LOHMAN, Research Associate in Animal Science (C and S), seven months from February 1, 1967, \$8,000 (1-30-67).
- LEON LUKASZEWICZ, Visiting Professor of Computer Science, June 16-July 31, 1967, \$2,500 (1-12-67).
- PETER B. MAGGS, Assistant Professor of Law, $\frac{45}{100}$ time, Semester II 1966-67, \$2,700, supersedes (1-16-67).
- HENRY MERKELO, Assistant Professor of Electrical Engineering (C), seven months from February 1, 1967, \$11,500 a year, supersedes (1-23-67).
- DONALD J. MINEHART, Land and Water Use Adviser for service at the U. P. Agricultural University, Pant Nagar, U. P. India, under Contract USAID/nesa-

- 150, beginning January 3 and continuing through March 6, 1967, at a salary at the rate of \$14,550 a year (1-16-67).
- PETER E. MONRO, Visiting Research Associate in Electrical Engineering (C), one year from January 1, 1967, \$11,000 (1-23-67).
- RICHARD G. MOORES, Publications Editor, with rank of Assistant Professor of Agriculture (S), seven months from February 1, 1967, \$10,800 a year, supersedes (2-16-67).
- SHIZUO MUKAI, Visiting Research Associate in Civil Engineering (C and S), February 1-June 15, 1967, \$3,600 (1-16-67).
- MRS. TERESITA NIEVERGELT, Serials Cataloger, with rank of Instructor, in the Library, $\frac{3}{4}$ time, February 15-August 31, 1967, \$5,100 a year (2-16-67).
- MRS. BONNIE W. NOBLE, Editor in the Graduate College, eight months from January 1, 1967, \$3,866.64 (1-27-67).
- MRS. CAROLYN S. NOURSE, Cataloger, with rank of Instructor, in the Library, $\frac{1}{2}$ time, seven months from February 1, 1967, \$3,400 a year (2-4-67).
- KEITH D. O'LEARY, Research Associate in Psychology, $\frac{1}{2}$ time, and Instructor in Psychology, $\frac{1}{2}$ time, Semester II 1966-67, \$3,000 (1-27-67).
- MICHAEL J. PARSONS, Research Associate in History and Philosophy of Education, College of Education, $\frac{3}{4}$ time, Semester II 1966-67, \$2,625, supersedes (1-30-67).
- MRS. BARBARA I. PAULSON, Research Programmer in Computer Science, Graduate College, seven months from February 1, 1967, \$4,666.67 (1-18-67).
- LARRY M. PETERSON, Instructor in Electrical Engineering (C), $\frac{3}{8}$ time, Semester II 1966-67, \$1,620 (1-26-67).
- MRS. RUTH B. PHILLIPS, Research Associate in Zoology, seven months from February 1, 1967, \$6,600 a year (2-16-67).
- ROBERT F. PIERRET, Assistant Professor of Electrical Engineering and in the Materials Research Laboratory (C), Semester II 1966-67, \$10,800 a year, supersedes (1-28-67).
- AGNES R. PORTER, Instructor in French, $\frac{2}{3}$ time, Semester II 1966-67, \$4,170 a year, supersedes (2-14-67).
- THOMAS G. RALLEY, Instructor in Mathematics, February 1-June 15, 1967, \$3,475 (1-30-67).
- PRESTON L. RANSOM, Instructor in Electrical Engineering, $\frac{1}{2}$ time, five months from February 1, 1967, \$1,777.75, and $\frac{1}{4}$ time, Semester II 1966-67, \$800 (1-26-67).
- M. VITTAL RAO, Research Associate in Plant Pathology (S), January 23-August 31, 1967, \$6,600 a year (2-9-67).
- MRS. IRMA REINER, Assistant Professor of Mathematics, $\frac{2}{3}$ time, Semester II 1966-67, \$3,150 (2-4-67).
- ROBERT R. SALTSMAN, Assistant Dean in the College of Commerce and Business Administration, with rank of Instructor, seven months from February 1, 1967, \$9,200 a year, supersedes (2-14-67).
- BELA I. SANDOR, Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, and Instructor in Theoretical and Applied Mechanics (C), $16\frac{2}{3}$ time, Semester II 1966-67, supersedes, \$2,000 (1-27-67).
- EDWIN M. SCHAEFER III, Instructor in Electrical Engineering (C), $3\frac{3}{100}$ time, seven months from February 1, 1967, \$1,425.90, and $3\frac{4}{100}$ time, Semester II 1966-67, \$1,000, total salary \$2,425.90 (1-26-67).
- MRS. ELISABETH H. SCHILLINGER, Editor of Publications, College of Engineering, $\frac{1}{2}$ time, seven months from February 1, 1967, \$1,925, supersedes (2-11-67).
- PAUL SCHOMER, Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, Semester II 1966-67, \$1,500 (1-26-67).
- GRACE E. SHOFFE, Instructor in Library Science, in the Graduate School of Library Science, Semester II 1966-67, \$6,500 a year (1-30-67).
- GAURI S. SINGHAL, Research Associate in Botany, six months from March 1, 1967, \$7,100 a year, supersedes (2-9-67).
- SHYAM LAL SRIVASTAVA, Research Associate in Chemistry, November 21, 1966-August 31, 1967, \$6,800 a year (11-28-66).
- WILLIAM E. STALLMAN, Instructor in General Engineering (C), $\frac{1}{2}$ time, \$1,900, and Assistant Director of the Central Office on Use of Space, $\frac{1}{2}$ time, \$2,352.54, Semester II 1966-67, total salary \$4,252.54, supersedes (1-26-67).
- ROBERT G. STEFANEK, Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, Semester II 1966-67, \$1,350 (1-26-67).

- MRS. CELIA B. STENDLER, Professor of Elementary Education, indefinite tenure, academic year basis, effective Semester II 1966-67, \$14,500 a year, supersedes (1-18-67).
- VICTOR R. STEPHEN, Extension Visuals Specialist and Assistant Professor of Agricultural Communications (C, S, and E), eight months from January 1, 1967, \$13,700 a year, supersedes (1-9-67).
- MARGERY E. SUHRE, Publications Editor, with rank of Assistant Professor of Agriculture (S and E), seven months from February 1, 1967, \$11,300 a year, supersedes (2-16-67).
- ANSON E. THOMPSON, Assistant Director of the Agricultural Experiment Station, eight months, and Professor of Plant Genetics (C), indefinite tenure, effective January 1, 1967, \$16,800 a year, supersedes (2-11-67).
- ALICIA C. TILLEY, Instructor in Elementary Education, $\frac{1}{2}$ time, \$1,750, and Instructor in Educational Psychology, $\frac{1}{2}$ time, \$1,750, February 1-June 15, 1967, total salary \$3,500 (1-30-67).
- MRS. JOYCE S. TOSCAN, Bibliographer, with rank of Instructor, in the Library, seven months from February 1, 1967, \$6,600 a year (2-1-67).
- ROBERT J. TRACEY, Instructor in Electrical Engineering (C), $\frac{17}{100}$ time, Semester II 1966-67, \$500 (1-26-67).
- ROBERT A. WALLER, Assistant Professor of History and Director of Illinois NDEA History Institute, Semester II 1966-67, \$9,750 a year, supersedes (2-7-67).
- EDWIN B. WILLIAMS, Visiting Scientist in Horticulture (C), for six months from February 1, 1967, without salary (1-18-67).
- JOHN L. WOODS, Extension Television Specialist and Instructor in Agricultural Economics (E), eight months from January 1, 1967, \$8,400 a year, supersedes (1-9-67).
- SHU-YAU WU, Research Associate in Electrical Engineering (C), Semester II 1966-67, \$7,855 a year (2-7-67).
- DENNIS R. ZANDER, Assistant Research Engineer in Physics (C), seven months from February 1, 1967, \$8,000 a year (2-4-67).

**RESIGNATIONS, DECLINATIONS, TERMINATIONS,
AND CANCELLATIONS**

Chicago Circle

- HENRY R. MITTELMAN, Instructor in Biological Sciences—resignation effective February 1, 1967.
- PEDRO GILBERTO SOLIS-CAMARA VALENCIA, Research Associate in Information Engineering—resignation effective January 1, 1967.

Medical Center

- HARRY SASSOON, Assistant Professor of Medical Radiology, College of Medicine, and Assistant Radiologist, Research and Educational Hospitals—resignation effective March 15, 1967.

Urbana

- DALE E. ARRINGTON, Research Associate in Chemistry and Chemical Engineering—cancellation effective February 1, 1967.
- PHILIP G. BAIRD, Senior Specialist in Education, Department of Vocational and Technical Education—resignation effective January 16, 1967.
- ASHOK K. BHATTACHARYA, Research Associate in Electrical Engineering—resignation effective February 1, 1967.
- ARTHUR I. FINE, Assistant Professor of Philosophy—resignation effective September 1, 1967.
- EMILY S. GIRAULT, Assistant Professor of Secondary and Continuing Education—resignation effective September 1, 1967.
- TERRY R. GREATHOUSE, Assistant Professor of Animal Science Extension—resignation effective April 9, 1967.
- NORMAN E. GRONLUND, Professor of Educational Psychology, Summer Session of 1967—declination effective June 19, 1967.
- MARIANNE K. HANEY, Assistant Specialist in Education—resignation effective February 11, 1967.
- SVEN H. HANSELL, Instructor in Music, Summer Session of 1967—declination effective June 19, 1967.

- JOHN G. HARVEY, Assistant Professor of Mathematics — resignation effective September 1, 1967.
- ALEX HELLER, Professor of Mathematics — resignation effective September 1, 1967.
- HARRY L. JACOBS, Associate Professor of Psychology — resignation effective September 1, 1967.
- CORRADO MENCUCINI, Research Assistant Professor of Physics — resignation effective March 1, 1967.
- EUGENE E. MILLER, Instructor in English — resignation effective March 1, 1967.
- RICHARD E. MITCHELL, Assistant Professor of History, Summer Session of 1967 — declination effective June 19, 1967.
- FRANK W. OWEN, Associate Professor of Horticulture — resignation effective May 16, 1967.
- DAVID E. PETERSON, Assistant Professor of Business Administration — resignation effective September 1, 1967.
- FRED M. RAUBINGER, Professor of Educational Administration and Supervision, Summer Session of 1967 — declination effective June 19, 1967.
- LEON E. RICHARTZ, Associate Professor of Business Administration — resignation effective September 1, 1967.
- ROBERT E. ROWLANDS, Research Associate in Theoretical and Applied Mechanics — termination effective September 1, 1967.
- GABRIEL M. SAVIGNON, Assistant Professor of French, Summer Session of 1967 — declination effective June 19, 1967.
- DARIUSH SHADMAN, Instructor in Theoretical and Applied Mechanics — termination effective September 1, 1967.
- LELAND K. SHIRELY, Assistant Professor of Theoretical and Applied Mechanics, Summer Session of 1967 — declination effective June 19, 1967.
- MARGARET A. SMITH, Assistant Research Engineer in the Coordinated Science Laboratory — resignation effective February 8, 1967.
- TEIICHI TSUBOI, Research Associate in Computer Science, Graduate College — resignation effective February 1, 1967.
- OSCAR E. VILCHES, Research Associate in the Materials Research Laboratory — resignation effective February 1, 1967.
- ARTHUR E. WHIMBEY, Assistant Professor of Psychology — resignation effective September 1, 1967.
- PATRICIA A. YANZY, Extension Visual Specialist in Extension Service in Agriculture and Home Economics — resignation effective January 13, 1967.

LEAVES OF ABSENCE

Chicago Circle

- WILLIAM D. GRAMPP, Professor of Economics — leave of absence, without pay, for the winter quarter 1966-67.
- ROBERT H. RATCLIFFE, Assistant Professor of Education — leave of absence, without pay, for the spring quarter 1966-67, so that he may work with the Chicago Bar Association and with the Chicago Public Schools on a social studies project — Law in American Society.

Urbana

- DAVID F. DRAKE, Associate Professor of Accountancy and Business Administration — leave of absence, without pay, for the academic year 1967-68, to serve as a full-time research consultant to the American Hospital Association.
- EDWARD L. ELLIOTT, Assistant Professor of Accountancy — leave of absence, without pay, extended to include the second semester of 1966-67, so that he may continue working in the Agency for International Development programs in Latin America.
- GENE V. GLASS, Assistant Professor of Educational Psychology and in the Center for Instructional Research and Curriculum Evaluation — leave of absence, without pay, for one year from June 16, 1967, so that he may accept an appointment to the School of Education at the University of Colorado for the academic year 1967-68.
- LADISLAS GOLDSTEIN, Professor of Nuclear Engineering and of Electrical Engineering — leave of absence, without pay, for the academic year 1967-68, so that he may accept a Visiting Professorship of Physics at the Faculte des Sciences of Orsay in France.

- SAMUEL A. KIRK, Professor of Psychology, College of Liberal Arts and Sciences, and Professor of Special Education and Director of the Institute for Research on Exceptional Children, College of Education—leave of absence, without pay, for nine months from September 1, 1967, so that he may devote the time to the revision of two books previously published and currently in use as textbooks.
- PETER B. MAGGS, Assistant Professor of Law—leave of absence, without pay, on 55 per cent time, for the second semester of 1966-67.
- MRS. MASAKO SECREST, Research Associate in the Coordinated Science Laboratory—leave of absence, without pay, for three months from February 1, 1967.
- RITA J. SIMON, Research Associate Professor of Communications, College of Journalism and Communications, and Associate Professor of Sociology, College of Liberal Arts and Sciences—leave of absence, without pay, for the academic year 1967-68, so that she may accept a Guggenheim Fellowship.
- ROBERT E. STAKE, Professor of Educational Psychology and Associate Director of the Center for Instructional Research and Curriculum Evaluation—leave of absence, without pay, during the period June 19 through July 28, 1967, so that he may accept an appointment to teach at the University of Connecticut.
- MRS. FERN H. TELLING, Head Resident, Clark Hall—leave of absence, without pay, beginning February 1 and continuing through June 8, 1967.
- ROBB M. THOMSON, Professor of Physical Metallurgy and of Physics, College of Engineering—additional leave of absence, without pay, for the academic year 1967-68, so that he may continue as Director for Materials Sciences in the Advanced Research Projects Agency.
- FRANCIS W. WEEKS, Professor and Chairman of Business and Technical Writing, Department of English—leave of absence, without pay, for the academic year 1967-68, so that he may accept a visiting professorship in business communications at the University of Houston.

CANCELLATION OF SABBATICAL LEAVES OF ABSENCE

Chicago Circle

JOSE SANCHEZ, Professor of Spanish and Head of the Department of Spanish—sabbatical leave of absence on full pay granted him for Semester II 1966-67, cancelled without prejudice.

Urbana

- WEN L. CHOW, Professor of Mechanical Engineering, Engineering Experiment Station—sabbatical leave of absence, on full pay, granted him for Semester II, 1966-67, cancelled without prejudice.
- FREDERIC K. LEHMAN, Associate Professor of Anthropology and of Linguistics—sabbatical leave of absence on one-half pay granted him for one year from February 1, 1967, cancelled without prejudice.

AFTERNOON SESSION, MARCH 14, 1967

When the Board reconvened in open session after lunch, the same members of the Board, officers of the University, and officers of the Board were present as recorded in the beginning of these minutes, except Governor Kerner and Mr. Page.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY HOUSING REVENUE BONDS OF 1966, SERIES A AND B

(26) Bids were received at 11:00 a.m. March 14, for the sale of \$520,000 Housing Revenue Bonds of 1966, Series A, and \$2,100,000 Housing Revenue Bonds of 1966, Series B, to finance construction of the Orchard Apartments, Phase 4.

The Vice-President and Comptroller recommends that the Series A Bonds be sold to White, Weld & Co. at a price of \$515,045.67 plus accrued interest from April 1, 1967, and at an effective interest rate of 4.00197 per cent, which represents the lowest interest cost to the University. A tabulation of the bids received is being filed with the Secretary of the Board for record.

In accordance with the provisions of the Loan Agreement approved by the Board on February 9, the Vice-President and Comptroller recommends that \$2,100,000 Series B Bonds be sold to the Department of Housing and Urban Affairs

at par and accrued interest and at an interest rate of 3 per cent. No other bids were received for the Series B Bonds.

The Vice-President and Comptroller also presents the Ninth Supplemental Housing Revenue Bond Resolution supplementing the Resolution approved December 17, 1958, and creating \$2,100,000 Housing Revenue Bonds of 1966, Series A, and \$520,000 Housing Revenue Bonds of 1966, Series B, and recommends its adoption. He further recommends that the Board:

Authorize the execution of the bonds by Earl W. Porter, Secretary of the Board, by the facsimile signature of the President of the Board, and by the facsimile signatures of Timothy W. Swain and Howard W. Clement, members of the Board.

Ratify and confirm all actions taken or to be taken by the officers and members of the Board in connection with the sale and delivery of the bonds to the purchasers indicated above.

I concur.

On motion of Mr. Jones, these recommendations were approved, authority was given as requested, and all actions taken or to be taken in connection with the sale and delivery of the bonds were confirmed. These actions were taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Governor Kerner, Mr. Page.

The Ninth Supplemental Housing Revenue Bond resolution appears as an appendix to these minutes (following page 472).

**CONTRACTS FOR CONSTRUCTION OF ORCHARD APARTMENTS,
PHASE 4, URBANA**

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for construction of 252 apartment units for married students, also known as Married Student Housing MS-4, to be constructed south of the existing Orchard Downs apartment area, the award in each case to the lowest bidder:

General — Consumers Construction Co., Chicago	
Base bid.....	\$1 384 700 00
Additive alternate for assignment of other contracts.....	20 711 00
<i>Total</i>	\$1 405 411 00
Electrical — G. L. Wilsky, an individual doing business as Downtown Electric, Urbana.....	
	206 925 00
Plumbing — Bellis & Miller, Inc., Champaign.....	
	374 000 00
Forced Warm Air Heating — Petry Roofing and Sheet Metal Co., Champaign.....	
	109 454 00
<i>Total</i>	\$2 095 790 00

It is further recommended that all contracts other than the contract for general work be assigned to the contractor for that work, making the total of his contract price \$2,095,790, and that an agreement be entered into with Consumers Construction Co., Chicago, for the assignment of these other contracts for \$20,711, which amount is included in the contract price, being the amount bid by that company for service charge for supervision of other contracts assigned to the general contractor.

Funds will be available from the proceeds of revenue bonds being sold today.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Clement, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Governor Kerner, Mr. Page.

**CONTRACT FOR CONSTRUCTION OF WATER MAIN TO SERVE
ORCHARD APARTMENTS, PHASE 4, URBANA**

(28) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$18,430 to Cross Construction, Inc., Urbana, the lowest bidder, for the construction of a twelve-inch water main, east from Lincoln Avenue to the site of the Orchard Apartments, Phase 4.

Funds will be available from the proceeds of revenue bonds being sold today.
I concur.

On motion of Mr. Jones, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Governor Kerner, Mr. Page.

DISCUSSIONS WITH INTERCOLLEGIATE CONFERENCE

President Henry reported on the status of the University's discussions with the Intercollegiate Conference concerning penalties issued by that Conference pertaining to three coaches and certain student athletes.

Mr. Page returned to the meeting.

REPORTS OF GENERAL POLICY COMMITTEE

At this point, the Board undertook to receive reports and hear testimony in the following matters and then took the actions indicated.

Consideration of House Bill 711 (the Clabaugh Act)

The following report of the General Policy Committee was presented and read by the Secretary.

The General Policy Committee has been directed by the Board of Trustees to give consideration to the several petitions received by the Board requesting that an institutional position be defined with reference to House Bill 711, popularly known as the Clabaugh Act. Most of the resolutions from faculty and student groups have urged that the Trustees support the repeal of the law while most of the other communications have asked the Trustees either to take no action or to indicate support for the law.

House Bill 711 was enacted in 1947 and has been in force since that time. Insofar as the Committee has been able to determine, it has only been during the past year that the existence of the law has been seriously challenged as being inimical to the welfare or effectiveness of the University of Illinois. Therefore, the Committee has not felt the same degree of urgency about the importance of taking an institutional position as has been expressed by faculty and student groups. Furthermore, the Committee has been mindful that the constitutionality of House Bill 711 has been attacked in litigation and that the Board of Trustees is a defendant in that action now before the Court. The Committee's deliberations have also taken into account the fact that at the March 14 meeting of the Board new Trustees would assume office and that the Committees will be reorganized. The new General Policy Committee should be given the opportunity to participate in the study of the questions raised.

In the discussions of this subject by the Committee on General Policy, two issues have emerged:

1. Will the continuance of House Bill 711 be harmful to the University of Illinois, as alleged?
2. Apart from the arguments *pro* or *con* on the foregoing substantive question, is it wise and in the general interest of the University for the Board of Trustees to define an institutional position at this time?

While the General Policy Committee has not deemed it appropriate to make a recommendation on this subject to the Board of Trustees at this meeting, the Committee urges that an effort be made by the reconstituted Committee on General Policy to formulate a recommendation for the next meeting of the Board of Trustees, now scheduled for April 19.

The following groups spoke to this question: Ad hoc Student

Committee for Free Speech, Chicago Circle — Mr. Edward Jennings, spokesman; general student group, Urbana Campus — Mr. Robert Outis, spokesman.

Following discussion and questions, on motion of Mr. Swain, the Board approved, without dissent, the report of the General Policy Committee.

Section 21 (e) of the General Rules of Organization and Procedure with Regard to the Use of University Premises for Political Speakers

The following report of the General Policy Committee was presented and read by the Secretary. No one requested a hearing on this subject.

The Committee on General Policy has had before it the matter of modification of Section 21 (e) of *The General Rules Concerning University Organization and Procedure*. The President of the University has recommended that the following changes be made (italics indicate language to be deleted):

- (e) University premises and facilities, including the Assembly Hall, may be used for political purposes only when all of the following conditions are met:
- (1) *Official candidates for nomination or election to statewide or national office appear in person to make political addresses.*
 - (1)(2) The event is sponsored by a division, department, institute, college or other administrative unit of the University, or by a student organization officially recognized by the University.
 - (2)(3) The political party involved *with which the candidate is affiliated is legal in* is one which qualifies as, or is declared to be, a political party under the laws of the State of Illinois.
 - (3)(4) The event is planned to serve an educational purpose.

The Committee recommends that the changes proposed be adopted by the Board of Trustees.

On motion of Mr. Swain, the Board unanimously approved the report of the Committee.

Recognition of the W.E.B. Du Bois Club

The following report of the General Policy Committee on this question was presented and read by the Secretary.

On February 9, 1967, the Board of Trustees, upon recommendation of the General Policy Committee reaffirmed its position that under existing law student groups proved to be subversive or seditious (i.e., to advocate the violent overthrow of the United States or of the state of Illinois) should not be given the privileges associated with "recognition" by the University.

In clearing the way for administrative approval of a campus W.E.B. Du Bois Club while a national organization with the same name is under charge by the Attorney General of the United States of being a Communist front, the Board acted on the assumption that there is no link, formal or informal, between the local and the national group.

Since February 9, the members of the Board of Trustees have been informed by the Dean of Students at Urbana-Champaign, through the President, that informal connections have been found to exist between the local and the national, including interlocking memberships and that the national officers acknowledge the interconnections.

In view of the information now before the Board, the General Policy Committee recommends that the Administration be requested not to approve the petition from the local student group.

The following groups were heard; all of them presenting arguments in favor of recognition of the club:

Urbana Senate Committee on Student Affairs — Professor Sheldon Plager. In addition, a petition, sponsored by the Student Senate (Urbana) and signed by 1,973 students, in support of recognition of the Du Bois Club, was received and read.

Urbana Senate Committee on Academic Freedom and Tenure — Professor Victor Stone.
Policy Committee, Urbana Chapter, American Association of University Professors — Professor W. H. McPherson.

Mr. Swain moved approval of the report of the General Policy Committee.

Mr. Clement read the following statement, outlining an alternate proposal which he offered for consideration of the Board.

I have spent a substantial amount of time analyzing and considering the various aspects of this difficult problem. My only regret is that the proposal I am about to outline comes to you in a somewhat untimely fashion, but I need not tell you of the many other demands which have been placed on my time in recent days.

First of all, I agree that there is such a mass of misunderstanding engendered by the process of "recognition" in the public mind that such a step might not be generally understood at this time. Nevertheless, I am compelled to vote against this report, because it is a final disposition of the problem, whereas I favor the consideration of an alternative approach which will provide a bridge between public understanding and the preservation of the values already described in detail here today. I believe that the matter should not be finally resolved by simple denial of recognition, as the Committee report recommends, but that a study of a formal structural change in procedure should be instituted which will provide for a "certificate of compliance," or a system of "registration," for all organizations which the University authorities — after due consideration and an orderly process of evaluation — consider to have satisfied the minimum requirements for use of the University facilities. The thought here is that such a registration, or issuance of a certificate of compliance, would not carry with it in the public mind the stamp of *approval* of its activities, or the concepts and ideas which may be advocated and promoted by such an organization that is inherent in the use of the recognition procedure.

The process of "recognition," as it is now structured, implies in the public mind participation by the University in the creation of the organization that is being recognized. Obviously, this is not the case, since a student organization may exist even though it has not received recognition by the University. My first suggestion, therefore, is to eliminate the use of the confusing term "recognition," and substitute a term such as "registration."

In applying this registration procedure, I would also require a registration of organizations whose activities might be regarded as inimical to the University's total welfare, if generally adopted. Some control over the organization may be well worth establishing, even at the price of permitting the use of University facilities for the organization's activities. Maintaining such control, in my mind, serves our purposes better and those of society in general than driving such a group underground. Where substantial doubt exists as to whether or not the organization is one "with purposes or practices contrary to morality, to education, or to public or university welfare," as characterized in the present restriction in the Code on Undergraduate Student Affairs, I would recommend a *conditional* registration. Such a requirement would be a means of establishing some control over the organization, and I would establish the further requirement that the members of such a conditionally registered organization be advised periodically by the organization itself of the reasons for the registration being only of a conditional nature.

Thus, in the case of the DuBois Club, such a conditional registration could be required because of the serious allegations which have been raised concerning its connection with the Communist Party. I think it can be successfully argued that the University has a duty to alert its students to the fact that such allegations have been made and without such control, there would be no mechanism for doing so. If and when such allegations were proved to be correct through the orderly process of the Subversive Activities Control Board, even the conditional registration could then be withdrawn. Again, in the case of the DuBois Club, a conditional registration could be required because of a pending determination of the allegations regarding the national organization to which it appears to be related. I refer to the fact that in the words of the Assistant Attorney General in the Internal Security Division of the Justice Department, it has "been disclosed to be a Com-

unist front organization through an extensive investigation by the Federal Bureau of Investigation." Such a conditional registration could be made a full registration if the outcome of the present petition by the Justice Department were in favor of the national organization, whereas such conditional registration could be withdrawn if the outcome were unfavorable.

And may I add one clarifying point with respect to the much-cited petition by the Justice Department. Let me quote from a recent letter from the Assistant Attorney General, to whom I have just referred, in which he comments on that petition, as follows:

" . . . the purpose of the petition is to expose the true nature of the organization to its own membership, and to anyone else who might be considering joining the organization. As the Attorney General stated at the time of the filing of the petition: 'Historically, Americans have the freedom to organize and dissent. At the same time, in accordance with the law, young people who might consider joining this organization are entitled to know its nature and its sponsorship.' "

What is required here at the federal level is registration. What I am suggesting here at the University is a comparable conditional registration. Surely, if the techniques so defined satisfy the federal government and the Justice Department, such an arrangement should be sufficient for our purposes here. Alerting the potential members of the organization to its possible nature, based on conclusions of the F.B.I. and the Justice Department, should certainly satisfy whatever duty we may have to prevent the student body from being misled, and yet retain the American approach to the free discussion of ideas — or even those with which we violently disagree.

Following an extended question and answer period and discussion by the Trustees, the report of the General Policy Committee was approved by the following vote: Aye, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, Mr. Clement, Mr. Jones; absent, Governor Kerner.

On motion of Dr. Weatherly, the Board adjourned.

EARL W. PORTER
Secretary

WAYNE A. JOHNSTON
President

LUNCHEON

The centennial film "Hosts of Earnest Men" was shown to Trustees and other University personnel following lunch.

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

April 19, 1967



The April meeting of The Board of Trustees of the University of Illinois was held in the Illini Union North, Urbana, Illinois, on Wednesday, April 19, 1967, beginning at 10:30 a.m.

President Wayne A. Johnston called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, M. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Dr. James A. Weatherly. Mr. Theodore A. Jones, Governor Otto Kerner, and Mr. Ray Page were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Mr. C. S. Havens, Director of the Physical Plant; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. James J. Costello, Legal Counsel; Mr. Eldon Johnson, Vice-President of the University; Mr. George H. Bargh, Executive Assistant to the President; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. Glenn Terrell, Dean of Faculties, Chicago Circle; Mr. James B. Holderman, Assistant to the Chancellor, Chicago Circle; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. R. R. Manchester, Treasurer; Mr. H. O. Farber, Comptroller; and Mr. Earl W. Porter, Secretary.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

REPORT OF THE GENERAL POLICY COMMITTEE

Mr. Swain, for the Committee on General Policy, presented the following report:

The General Policy Committee believes that the differences of views concerning House Bill 711 of the Sixty-fifth General Assembly and the Trustees' action on the DuBois Club are of such a nature, and the resolution of those differences is now of such importance to the maintenance of a sound academic climate at the University of Illinois, that an unusual effort must be made to develop an objective analysis of the effect of these and related matters upon the University. The Committee hopes that some agreement can be reached as to how best to identify and preserve the academic ideals and purposes of the University, while recognizing the ultimate responsibility of the institution to the people of Illinois.

Therefore, to achieve the above objectives and with the approval and support of the President of the University, the Committee on General Policy recommends that it be directed by the Board of Trustees to plan and initiate immediately a series of conferences with appropriate faculty and student groups representative of all campuses of the University. The Committee would expect as well that the President of the University, the Chancellors of the several campuses, and other administrative officers as the President of the University may recommend would attend and participate.

Although the meetings would be sponsored by the Committee on General Policy, in common with established Board policy, all members of the Board of Trustees would be invited to attend and to participate in the discussions.

Members of the Committee

- HOWARD W. CLEMENT
- DONALD R. GRIMES
- RALPH C. HAHN
- EARL M. HUGHES
- THEODORE A. JONES
- TIMOTHY W. SWAIN, *Chairman*

On motion of Mr. Swain, the report was unanimously adopted.

REQUEST FROM "STUDENTS FOR FREE SPEECH"

The Trustees received from the Secretary a request from the Students for Free Speech at Urbana to be heard on the general subject of the significance in the academic climate of campus restrictions on speakers. The Trustees agreed to hear one speaker from this group, and Mr. Victor Berkey, a graduate student in zoology, addressed the Board and received their questions for a brief period.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

BUDGETS FOR 1967 SUMMER QUARTERS AND FACULTY APPOINTMENTS, MEDICAL CENTER AND CHICAGO CIRCLE

(1) Submitted herewith are the budgets and appointments to the faculty for the 1967 Summer Quarters at the Medical Center and at Chicago Circle from June 19 through September 2, 1967.

The distribution of the budgeted funds is as follows:

Salaries

Medical Center	\$ 17 841 00
Chicago Circle	666 750 00

The salaries recommended are computed on the basis of one-third of the

salary of the academic year for a full quarter of service, with proportionate amounts for shorter periods or for part-time service.

I recommend that these appointments to the summer quarter staff at the Medical Center and at Chicago Circle be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes and adjustments and additional appointments as are necessary in accordance with the needs of the University within the allocations of funds indicated.

On motion of Mr. Swain, these appointments and the summer quarter budgets for 1967 for the Medical Center and Chicago Circle were approved, and authority was given as requested; this action was taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

MEDICAL CENTER

College of Nursing

	<i>Per Cent Time</i>	<i>Summer Salary</i>
1. Ruth M. Barnard, Instructor (June 19 to August 19).....	100	\$ 2 046 00
2. Rosemarie Doherty, Instructor (June 19 to August 19)...	100	2 018 00
3. Carolyn Schmitz, Instructor (July 3 to September 2).....	100	1 991 00
		(6 055 00)

College of Pharmacy

Chemistry

1. Charles L. Bell, Associate Professor (July 26 to September 2).....	100	\$ 1 783 00
2. Thomas R. Watson, Associate Professor (June 19 to July 25).....	100	1 867 00
3. 1.0 FTE Assistant.....		1 532 00
		(5 182 00)

Pharmacy

1. _____, Associate Professor (July 14 to August 8).....	100	\$ 1 372 00
2. Frederick P. Siegel, Associate Professor (June 19 to July 26).....	100	2 150 00
3. _____, Assistant Professor (August 9 to September 2).....	100	1 055 00
4. Harold J. Rhodes, Assistant Professor (June 19 to July 13).....	100	1 261 00
5. .50 FTE Assistant.....		766 00
		(6 604 00)

CHICAGO CIRCLE

Chancellor's Office

1. Salaries unassigned		\$ 4 444 00
		(4 444 00)

College of Business Administration

1. Raymond W. Coleman, Professor.....	33	\$ 2 250 00
2. Samuel Fox, Professor.....	100	4 367 00
3. Clarence H. Gillett, Professor.....	100	4 617 00
4. W. D. Grampp, Professor.....	100	4 617 00
5. Sherman Shapiro, Professor.....	50	2 750 00
6. Bernard Baum, Associate Professor.....	100	5 500 00
7. Carl M. Larson, Associate Professor.....	100	3 834 00
8. Alfonse T. Malinosky, Associate Professor.....	67	2 767 00
9. Albert J. Schneider, Associate Professor.....	67	3 156 00
10. Daniel K. Andrews, Assistant Professor.....	100	2 517 00
11. William J. Dunne, Assistant Professor.....	100	4 234 00
12. Laurence P. Feldman, Assistant Professor.....	100	3 834 00
13. Thomas Moore Johnson, Assistant Professor.....	75	2 625 00
14. Vernon Tam Siu Kam, Assistant Professor.....	100	3 500 00
15. Ferdinand J. Mathis, Assistant Professor.....	75	2 625 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
16. James F. Niss, Assistant Professor.....	75	2 625 00
17. J. Randolph Norsworthy, Assistant Professor.....	75	2 625 00
18. Edward T. Ossman, Assistant Professor.....	67	2 189 00
19. Azriel A. Teller, Assistant Professor.....	75	2 625 00
20. David George Tuerck, Assistant Professor.....	75	2 625 00
21. Salaries unassigned		318 00
		(66 200 00)
Division of Education		
1. Elizabeth C. Porch, Associate Professor.....	100	\$ 3 400 00
2. Madelaine Shalabi, Associate Professor.....	100	3 400 00
3. Harriet Talmage, Instructor.....	67	2 000 00
		(8 800 00)
College of Engineering		
Energy Engineering		
1. James P. Hartnett, Professor and Head.....	50	\$ 3 334 00
2. Arnold C. Cobb, Professor.....	50	2 250 00
3. Harold A. Simon, Associate Professor.....	50	2 167 00
		(7 751 00)
Information Engineering		
1. Herbert J. Stein, Associate Professor and Acting Head..	100	\$ 3 667 00
2. Chu Quon Lee, Assistant Professor.....	100	3 184 00
3. Tadeo Murata, Assistant Professor.....	50	1 500 00
4. Raymond Palciauskas, Instructor.....	50	1 550 00
		(9 901 00)
Materials Engineering		
1. Ernest F. Masur, Professor and Head.....	50	\$ 3 334 00
2. Robert F. Domagala, Associate Professor.....	100	4 000 00
3. Albert B. Schultz, Associate Professor.....	100	4 000 00
4. James M. Doyle, Assistant Professor.....	100	3 767 00
5. Walid H. Rimawi, Assistant Professor.....	100	3 600 00
		(18 701 00)
Systems Engineering		
1. L. N. Blair, Associate Professor and Acting Head.....	100	\$ 4 167 00
2. S. E. Shapiro, Professor.....	100	4 167 00
		(8 334 00)
College of Architecture and Art		
Architecture		
1. Donald D. Hanson, Professor and Chairman.....	50	\$ 2 834 00
2. Alvin S. Boyarsky, Associate Professor.....	100	5 000 00
3. Salaries unassigned	517	19 333 00
		(27 167 00)
Art		
1. Alfred P. Maurice, Professor and Chairman.....	50	\$ 2 834 00
2. Warren Sanderson, Associate Professor.....	100	4 167 00
3. Stuart Schar, Assistant Professor.....	50	1 500 00
4. David R. Edman, Instructor.....	50	1 217 00
5. Salaries unassigned	317	10 834 00
		(20 552 00)
College of Liberal Arts and Sciences		
Administration		
1. Salaries unassigned	300	\$ 5 999 00
		(5 999 00)
Biological Sciences		
1. John O. Corliss, Professor and Head.....	50	\$ 3 250 00
2. Sidney F. Glassman, Professor.....	100	4 600 00
3. Kenneth M. Madison, Professor.....	100	4 600 00
4. Max C. Shank, Professor.....	100	3 834 00
5. Manuel Goldman, Assistant Professor.....	100	3 834 00
6. Darrel L. Murray, Assistant Professor.....	100	3 500 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
7. Ruby M. Jefferson, Instructor.....	100	2 167 00
8. Harold W. Kerster, Instructor.....	100	2 667 00
9. 4.50 Assistants	450	7 200 00
		(35 652 00)

Chemistry

1. William F. Sager, Professor and Head.....	50	\$ 3 334 00
2. Bernard J. Babler, Professor.....	50	2 550 00
3. Roy Huitema, Professor.....	100	5 067 00
4. Charles K. Hunt, Professor.....	67	2 778 00
5. R. L. Carlin, Associate Professor.....	100	4 334 00
6. Chiu Fan Liu, Associate Professor.....	67	2 623 00
7. Anatol Gottlieb, Assistant Professor.....	100	3 000 00
8. Raymond P. Lutz, Assistant Professor.....	100	3 567 00
9. Yecheskel Rasiel, Assistant Professor.....	100	3 134 00
10. G. I. Sackheim, Assistant Professor.....	100	3 100 00
11. Tsu Chia Shieh, Assistant Professor.....	100	2 984 00
12. John W. Cowin, Instructor.....	75	2 275 00
13. R. E. Meints, Instructor.....	75	1 600 00
14. Clarence J. Perry, Instructor.....	100	2 667 00
15. Robert F. Zahrobsky, Instructor.....	100	2 600 00
16. 4.00 FTE Assistants.....	400	7 267 00
		(52 880 00)

English

1. Robert B. Ogle, Professor and Head.....	33	\$ 2 078 00
2. George Hendrick, Professor.....	Z33	1 556 00
3. Louis Marder, Professor.....	50	2 459 00
4. Karl Shapiro, Professor.....	50	3 334 00
5. Elizabeth V. Wright, Professor.....	33	1 334 00
6. Irving D. Blum, Associate Professor.....	67	2 445 00
7. Guinevere L. Griest, Associate Professor.....	67	2 245 00
8. John C. Johnson, Associate Professor.....	67	2 323 00
9. Edwin B. Levine, Associate Professor.....	67	2 445 00
10. John B. Shipley, Associate Professor.....	67	2 445 00
11. Samuel A. Weiss, Associate Professor.....	67	2 445 00
12. Martin Wine, Associate Professor.....	67	2 778 00
13. William E. Doherty, Assistant Professor.....	67	1 889 00
14. Robert W. Gladish, Assistant Professor.....	67	1 912 00
15. Robert J. Kispert, Assistant Professor.....	67	2 267 00
16. Willie N. Love, Assistant Professor.....	67	2 034 00
17. Michael Morrisroe, Assistant Professor.....	67	1 867 00
18. Margaret H. Oleksy, Assistant Professor.....	67	1 978 00
19. Gerald C. Sorensen, Assistant Professor.....	67	1 956 00
20. Maurita F. Willett, Assistant Professor.....	67	1 956 00
21. Carolyn R. Burke, Instructor.....	67	1 450 00
22. Archibald J. Byrne, Instructor.....	33	934 00
23. Sarah Cohen, Instructor.....	67	1 667 00
24. Francis G. Cox, Instructor.....	67	1 689 00
25. Russell E. Davis, Instructor.....	67	1 645 00
26. Lloyd E. Dodd, Instructor.....	67	1 578 00
27. Arthur L. Greenwald, Instructor.....	67	1 556 00
28. Eleanor K. Harris, Instructor.....	67	1 556 00
29. Elaine Kauvar, Instructor.....	67	1 450 00
30. Howard Kerr, Instructor.....	67	1 867 00
31. John A. Lopach, Instructor.....	67	1 778 00
32. Vincent Louthan, Instructor.....	67	1 867 00
33. Robert W. Major, Instructor.....	33	778 00
34. Ronald J. McCaig, Instructor.....	67	1 645 00
35. I. M. Miller, Instructor.....	67	1 867 00
36. James L. Rauch, Instructor.....	67	1 556 00
37. Michael A. Rudick, Instructor.....	33	725 00
38. Constantine Santas, Instructor.....	67	1 467 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
39. J. W. Schellhardt, Instructor.....	67	1 556 00
40. Mary C. Sidney, Instructor.....	67	1 645 00
41. Frederick Stern, Instructor.....	67	1 556 00
42. Robert E. Terrill, Instructor.....	67	1 200 00
43. 2.50 FTE Assistants.....	250	4 090 00
		(80 868 00)
French		
1. Charles M. Lombard, Associate Professor.....	100	\$ 4 500 00
2. David E. Campbell, Assistant Professor.....	100	2 900 00
3. Douglas E. Johnson, Instructor.....	100	2 334 00
		(9 734 00)
Geography		
1. Alden D. Cutshall, Professor and Head.....	100	\$ 5 400 00
2. Mildred I. Finney, Associate Professor.....	100	3 350 00
3. James S. Fisher, Instructor.....	100	3 434 00
4. John E. Steinbrink, Instructor.....	100	1 834 00
		(14 018 00)
Geology		
1. Werner H. Baur, Associate Professor and Acting Head..	50	\$ 2 584 00
2. Warren C. Forbes, Assistant Professor.....	50	1 550 00
3. James B. Orr, Instructor.....	100	2 434 00
4. Norman D. Smith, Instructor.....	50	1 334 00
		(7 902 00)
German		
1. Robert R. Heitner, Professor and Acting Head.....	33	\$ 2 223 00
2. Arnold J. Hartoch, Associate Professor.....	50	1 984 00
3. Ernest S. Willner, Associate Professor.....	67	2 334 00
4. Robert Dugan, Instructor.....	33	606 00
5. James C. Hanson, Instructor.....	67	1 867 00
6. Jordan V. Hodgson, Instructor.....	33	912 00
7. Wilma Hoffmann, Instructor.....	67	1 800 00
8. Vernon A. Miller, Instructor.....	33	706 00
9. Alfred L. Wallace, Instructor.....	67	1 334 00
10. Charles A. Wright, Instructor.....	33	634 00
		(14 400 00)
History		
1. Stanley L. Jones, Professor and Chairman.....	50	\$ 3 000 00
2. Theodore Thayer, Visiting Professor.....	100	4 767 00
Rutgers University, Newark, New Jersey 07102		
3. Burton Bledstein, Assistant Professor.....	50	1 500 00
4. Mary E. Conroy, Assistant Professor.....	100	2 867 00
5. Robert A. Friedlander, Visiting Assistant Professor....	100	4 000 00
New York City College of Applied Arts and Sciences, Brooklyn, New York 11201		
6. Ronald Legon, Assistant Professor.....	50	1 884 00
7. Humbert S. Nelli, Visiting Assistant Professor.....	100	2 800 00
Fordham University, Bronx, New York 10458		
8. Robert E. Zegger, Visiting Assistant Professor.....	100	3 300 00
Illinois Teachers College-North, 5500 North St. Louis Avenue, Chicago, Illinois 60625		
9. Gerald Danzer, Instructor.....	100	2 400 00
10. 3.5 FTE Assistants.....	350	6 100 00
		(32 618 00)
Mathematics		
1. Joseph Landin, Professor and Head.....	50	\$ 3 500 00
2. Herbert J. Curtis, Professor.....	50	2 284 00
3. Flora Dinkines, Professor.....	100	4 000 00
4. Irwin K. Feinstein, Professor.....	100	4 334 00
5. Louis L. Pennisi, Professor.....	100	4 334 00
6. Warren Brothers, Associate Professor.....	33	1 445 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
7. Norman Hamilton, Associate Professor.....	100	4 167 00
8. James Donaldson, Assistant Professor.....	100	3 000 00
9. Louis I. Gordon, Assistant Professor.....	100	2 843 00
10. James W. Moeller, Assistant Professor.....	100	3 834 00
11. Kenneth H. Murphy, Assistant Professor.....	100	3 200 00
12. N. C. Scholomiti, Assistant Professor.....	100	2 867 00
13. Srinivasa Swaminathan, Visiting Assistant Professor....	100	3 834 00
14. Roger G. Hill, Instructor.....	100	2 817 00
15. Kathleen Hotton, Instructor.....	67	1 656 00
16. Grace M. Nolan, Instructor.....	100	2 684 00
17. Charles E. Olsen, Instructor.....	100	2 567 00
18. Thomas B. Ondrak, Instructor.....	100	2 767 00
19. Yoram Sagher, Instructor.....	100	2 734 00
20. Helen W. Sears, Instructor.....	100	2 650 00
21. Laurence Sjoblom, Instructor.....	100	2 667 00
22. Albert Soglin, Instructor.....	83	1 834 00
23. Zia-e-Khursheed, Instructor.....	100	2 000 00
24. Aleksandras Zujus, Instructor.....	83	1 764 00
25. _____, Instructor.....	100	3 000 00
26. 2.17 FTE Assistants.....	217	3 900 00
		(76 673 00)
Music		
1. Edwin R. Fissinger, Associate Professor and Head.....	33	\$ 1 412 00
2. William M. Kaplan, Instructor.....	33	945 00
3. Milan R. Kaderavek, Instructor.....	33	1 023 00
4. Richard E. Norton, Instructor.....	33	867 00
		(4 247 00)
Philosophy		
1. Ruth B. Marcus, Professor and Head.....	50	\$ 3 000 00
2. Arnold Levison, Associate Professor.....	100	3 900 00
3. Jeffrey Sicha, Assistant Professor.....	100	2 934 00
4. 2.5 FTE Assistants.....	250	4 150 00
		(13 984 00)
Physics		
1. Lester Winsberg, Professor and Head.....	50	\$ 3 284 00
2. William J. Otting, Associate Professor.....	Z50	2 400 00
3. Larry Abels, Assistant Professor.....	100	3 200 00
4. Stanley Aks, Assistant Professor.....	100	3 467 00
5. Richard A. Carhart, Assistant Professor.....	100	3 334 00
6. Howard Goldberg, Assistant Professor.....	100	3 334 00
7. Seymour Margulies, Assistant Professor.....	100	3 634 00
8. Donald W. McLeod, Assistant Professor.....	100	3 600 00
9. Julius Solomon, Assistant Professor.....	100	3 334 00
10. David Vezzetti, Assistant Professor.....	100	3 367 00
		(32 954 00)
Political Science		
1. Hollis W. Barber, Professor and Head.....	25	\$ 1 392 00
2. Twiley W. Barker, Jr., Professor.....	100	4 500 00
3. Milton Rakove, Associate Professor.....	100	3 667 00
4. George D. Beam, Assistant Professor.....	100	3 334 00
5. Roosevelt Ferguson, Instructor.....	100	2 800 00
6. _____, Visiting Lecturer.....	67	2 000 00
		(17 693 00)
Psychology		
1. I. E. Farber, Professor and Head.....	50	\$ 3 450 00
2. Nan E. McGehee, Associate Professor.....	100	3 467 00
3. Roger Dominowski, Assistant Professor.....	100	3 167 00
4. Philip E. Freedman, Assistant Professor.....	100	3 200 00
5. Alexander J. Rosen, Assistant Professor.....	100	3 467 00
6. 1.00 FTE Assistants.....	100	1 600 00
		(18 351 00)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
Sociology and Anthropology		
1. Robert L. Hall, Professor and Head.....	50	\$ 2 917 00
2. Peter P. Klassen, Professor.....	50	2 917 00
3. Charles A. Reed, Professor.....	100	4 167 00
4. William Shack, Associate Professor.....	100	4 333 00
5. Robert Hunt, Assistant Professor.....	100	3 200 00
6. Gerald M. Swatez, Assistant Professor.....	100	3 167 00
7. James Wilkins, Assistant Professor.....	100	3 000 00
8. William Bezdek, Instructor.....	67	1 800 00
9. Kenneth Fidel, Instructor.....	100	2 867 00
10. Herbert Haberland, Instructor.....	67	1 600 00
11. _____, Instructor.....	100	2 433 00
		(32 401 00)
Spanish		
1. Jose Sanchez, Professor and Head.....	100	\$ 5 034 00
2. Victor N. Baptiste, Instructor.....	67	1 889 00
3. Battista J. Galassi, Instructor.....	67	1 445 00
4. M. Blanco-Gonzalez, Instructor.....	67	1 712 00
5. Dennis G. Nazak, Instructor.....	67	1 445 00
		(11 525 00)
Speech and Theatre		
1. R. Victor Harnack, Professor and Head.....	100	\$ 5 500 00
2. Raoul Johnson, Assistant Professor.....	100	3 500 00
3. Nicholas Moravcevic, Assistant Professor.....	100	3 067 00
4. Salaries Unassigned.....	200	5 684 00
		(17 751 00)
Division of Physical Education		
1. Leo L. Gedvilas, Associate Professor.....	50	\$ 2 000 00
2. Charles Kristufek, Associate Professor.....	100	3 417 00
3. Benedict Montcalm, Associate Professor.....	50	1 525 00
4. Wilma J. Pesavento, Associate Professor.....	50	1 667 00
5. Walter G. Versen, Associate Professor.....	50	1 642 00
6. Kenneth J. Vianello, Instructor.....	50	900 00
7. 2.0 FTE Assistants.....	200	3 651 00
8. Salaries unassigned.....		448 00
		(15 250 00)

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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A — indefinite tenure; B — two years; D — one year; E — nine months from the beginning of the academic year; G — special tenure; Y — twelve months' service required instead of two semesters.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

1. FRED G. ATTEBURY, Visiting Assistant Professor of Art, Urbana, on one-third time, for the second semester 1966-67, at a salary of \$2,000 (D33).
2. LUCIUS J. BARKER, Professor of Political Science and Research Associate in the Office of the Chancellor, Urbana, beginning September 1, 1967, at an annual salary of \$17,500 (AY21; DY79).
3. SHIRLEY L. BHATHENA, Assistant Professor of Nursing, College of Medicine, beginning February 6, 1967, at an annual salary of \$8,500 (D).
4. ERLING K. BRODWALL, Research Assistant Professor of Medicine, College of Medicine, on two-fifths time, beginning January 1, 1967, at an annual salary of \$4,000 (DY40).
5. CHARLES B. DUKE, Visiting Associate Professor of Physics and in the Materials Research Laboratory, Urbana, for the first semester 1967-68, at a salary of \$7,500 (E).
6. MARCIA EATON, Visiting Assistant Professor of Philosophy, Chicago Circle, on three-fourths time, for the winter and spring quarters 1966-67, at a salary of \$5,000 (D).

7. ROBERT P. FAIRBANKS, Visiting Associate Professor in the Institute of Government and Public Affairs, Urbana, beginning September 1, 1967, at an annual salary of \$15,500 (DY).
8. AKIRA IKUSHIMA, Research Assistant Professor of Physics and in the Materials Research Laboratory, Urbana, beginning September 1, 1967, at an annual salary of \$10,000 (DY).
9. ANNETTE KLEIN, Assistant Professor of Medical Social Work, College of Medicine, on four-fifths time, beginning February 1, 1967, at an annual salary of \$11,000 (BY80).
10. JAMES F. LAHEY, Associate Professor of Geography, Urbana, beginning September 1, 1967, at an annual salary of \$14,000 (A).
11. PRENTICE H. MARSHALL, Professor of Law, Urbana, beginning September 1, 1967, at an annual salary of \$25,000 (A).
12. CHARLES W. QUICK, Professor of Law, Urbana, beginning September 1, 1967, at an annual salary of \$25,000 (A).
13. MADELEINE ROQUE, Visiting Research Associate Professor of Biological Sciences, Chicago Circle, for four months from January 1, 1967, at a salary of \$4,000 (G).
14. MARVIN S. ROSEN, Assistant Professor of History, Chicago Circle, on one-half time, for the winter and spring quarters 1966-67, at a salary of \$2,790 (E50).
15. FRANCIS P. TWOHEY, Assistant Professor of Health Science and Staff Physician, Health Service, Urbana, beginning March 15, 1967, at an annual salary of \$16,000 (DY).

On motion of Mr. Swain, these appointments were confirmed.

**APPOINTMENT OF VICE-CHANCELLOR FOR ACADEMIC AFFAIRS,
URBANA**

(3) The Chancellor-elect for the Urbana campus recommends the establishment of the position of Vice-Chancellor for Academic Affairs, and the appointment to that position of Professor Herbert E. Carter, presently Head of the Department of Chemistry and Chemical Engineering. This recommendation is made after consultation with a special committee elected by the Urbana Faculty Senate.¹ The appointment would become effective September 1, 1967, for service on a twelve-month basis at an annual salary of \$31,500.

Professor Carter's long and distinguished services to the University of Illinois are well-known to the Trustees.

As recommended in a resolution by the Senate, the Vice-Chancellor for Academic Affairs would be the chief academic officer under the Chancellor and would perform such functions as might be delegated to him by the Chancellor. Future appointments to this position would be made on recommendation of the Chancellor and of the President. The Chancellor would have the advice of representatives of the Senate before submitting his recommendation to the President.

This recommendation is endorsed by the Executive Vice-President and Provost.

I concur.

On motion of Mr. Clement, this position was authorized and the appointment was approved.

**APPOINTMENT OF ASSOCIATE CHANCELLOR
FOR ADMINISTRATION, URBANA**

(4) The Chancellor-elect for the Urbana campus recommends the establishment of the position of Associate Chancellor for Administration and the appointment to that position of John W. Briscoe, Professor of Civil Engineering, who is presently serving as Associate Provost.

The appointment would become effective September 1, 1967, for service on a twelve-month basis at an annual salary of \$23,500. Professor Briscoe would

¹John Bardeen, Professor of Electrical Engineering and of Physics; Herbert S. Gutowsky, Professor of Physical Chemistry; Robert W. Johannsen, Professor of History and Chairman of the Department; Theodore Peterson, Professor of Journalism and Dean of the College of Journalism and Communications; Glenn W. Salisbury, Professor of Dairy Science and Head of the Department; Victor J. Stone, Professor of Law.

continue to devote a limited amount of time (10 per cent) to teaching duties in the Department of Civil Engineering.

The Associate Chancellor for Administration would perform such duties as might be delegated or assigned to him by the Chancellor.

The Executive Vice-President and Provost endorses this recommendation. I concur.

On motion of Mr. Hughes, this position was authorized and the appointment was approved.

REVISED CHARTER FOR THE CENTER FOR ADVANCED STUDY AND APPOINTMENT OF DIRECTOR

(5) In February, 1959, the Center for Advanced Study was established as a special unit of the Graduate College with the stated purpose of encouraging creative achievement and scholarship by providing recognition to scholars of the highest distinction and by providing incentives for the highest level of scholarly achievement. The Dean of the Graduate College now proposes that the scope of activities be enlarged to include other responsibilities, as described in the statement below.

In addition to providing support for highly distinguished scholars and artists on this faculty, the Center would bring to the University, for brief or extended periods, distinguished men from both academic and public life; support younger scholars and creative artists of outstanding promise; sponsor conferences, colloquia, lecture series, and symposia; and promote frequent interchange of ideas among the faculty and outside visitors. No state funds would be required for these additional activities during the next biennium.

The titles of those now holding appointment as Members of the Center for Advanced Study will be changed to Professors in the Center for Advanced Study; the present category of Associate Membership will be replaced by that of Associate. New types of affiliation with the Center will include Distinguished Lecturer, Fellow, and Adviser.

The expanded activities of the Center for Advanced Study necessitate the appointment of a Director, who will serve as the executive officer of the Center. He shall be appointed for a two-year term on recommendation of the Dean of the Graduate College, after consultation with the professors in the Center. Such consultation has been undertaken, and it is further recommended to the Board that Dr. David Pines, Professor of Physics and of Electrical Engineering, be appointed Director of the Center. The appointment would be effective September 1, 1967, and would be on a half-time basis, the salary to be established in the course of normal salary review and in consultation with the Head of the Department of Physics, in which Professor Pines will continue on a half-time basis.

These changes and the appointment recommendation are endorsed by the Executive Vice-President and Provost.

I concur.

On motion of Dr. Weatherly, the changes were authorized and the appointment was approved.

Revised Charter for The Center for Advanced Study

In February, 1959, the Center for Advanced Study was established as a special unit of the Graduate College with the stated purpose of encouraging creative achievement and scholarship by providing recognition to scholars of the highest distinction and by providing incentives for the highest level of scholarly achievement. During the past eight years the Center has fulfilled these aims and objectives; the scope of activities will now be enlarged to include other responsibilities.

In addition to providing support for highly distinguished scholars and artists on this faculty, the Center will bring to the University, for brief or extended periods, distinguished men from both academic and public life; support younger scholars and creative artists of outstanding promise; sponsor conferences, colloquia, lecture series and symposia; and promote frequent interchange of ideas among the faculty and outside visitors.

The expanded activities of the Center for Advanced Study necessitate the appointment of a Director, who will serve as the executive officer of the Center,

Revisions in its administrative and organizational structure are also required. The titles of those now holding appointment as Members of the Center for Advanced Study will be changed to Professors in the Center for Advanced Study; the present category of Associate Membership will be replaced by that of Associate. New types of affiliation with the Center shall include Distinguished Lecturer, Fellow, and Adviser.

I. Organization

Professors. Professors in the Center for Advanced Study shall be appointed by the Board of Trustees on the recommendation of the President. They shall be chosen from among the most distinguished, most productive, and most widely recognized scholars at the University of Illinois or elsewhere. Appointment to a Professorship in the Center for Advanced Study constitutes the highest form of academic recognition that the University can bestow upon members of its faculty. Selection of candidates shall be made by the Dean in consultation with an advisory selection committee of Center Professors. A Professor shall retain his status in his own department. The nature of his duties in the department will be worked out in consultation with the head or chairman of his department, the dean of his college, and the Dean of the Graduate College.

Associates. Associates shall be appointed for one-year or two-year terms by the Board of Trustees on recommendation of the President. By negotiation with the head or chairman of his department and the Dean of the Graduate College, and with the concurrence of the dean of his college, an Associate may be released from his regular duties in order that he may devote himself more fully to research. Application for appointment as Center Associate may be made by any member of the faculty to the Dean of the Graduate College, who, after consultation with the Policy Committee and the appropriate administrative officers, shall make his recommendations to the President. A Center Associate may request extension of his appointment through the summer following an academic year in the Center.

Scholars from other locations may be appointed as Associates. Such appointments may be used to bring visitors to assist in established research programs, to bring creative artists to the campus, to bring distinguished scholars to departments in advance of vacancies arising from faculty retirements, and for such other purposes as the Policy Committee may approve. Nominations of off-campus candidates shall be forwarded by department heads and chairmen to the Dean of the Graduate College.

Associates may request reappointment but no individual may be granted Associate status for more than three consecutive years.

Distinguished Lecturers. Distinguished Lecturers of the Center for Advanced Study will be appointed by the Dean of the Graduate College upon the recommendation of the Director. Chosen from among outstanding scholars, artists, and men of affairs, they will be invited to spend a week or more visiting the University of Illinois. Such visits may be co-sponsored by one or more departments in the University. During his visit, a Distinguished Lecturer will generally give an address to a University-wide audience. He might also give a specialized seminar or departmental colloquium and serve as a guest lecturer in regularly scheduled University classes. In addition, he will be invited to visit with student and faculty groups.

Fellows. Fellows shall be appointed for one-year or two-year terms by the Board of Trustees on recommendation of the President. Fellowships shall be for independent work in all fields of the social and natural sciences, the humanities, and the creative arts; postdoctoral in the case of academic disciplines, they will be awarded in open competition to young men and women of the highest intellectual excellence and creative promise. In addition to their stipends, Fellows shall receive a modest allowance to facilitate their work. Nominations for Center Fellowships may be made to the Director by any faculty member. Selection of candidates shall be made by the Director on the recommendation of an advisory selection committee.

A Fellow will in general be affiliated with one or more departments of the University. Teaching duties are optional and may be arranged at the discretion of the Fellow and his department. In general, individuals will not receive a Center Fellowship for more than three consecutive years.

Advisers. Advisers to the Center for Advanced Study shall be appointed by the President on the recommendation of the Dean of the Graduate College. Chosen from the most distinguished scholars, artists, and men of affairs in this country and abroad, they shall from time to time be invited to consult with the Dean, Director, or Policy Committee, on such matters as the selection of candidates, or the development of programs of the Center for Advanced Study.

II. Administration

Director. The Director of the Center for Advanced Study will serve as its executive officer and will report to the Dean of the Graduate College. He shall be appointed for a renewable, two-year term by the Board of Trustees on the recommendation of the President. Candidates for Director shall be proposed by the Dean of the Graduate College in consultation with the professors in the Center.

Policy Committee. The Policy Committee of the Center shall be composed of Professors in the Center for Advanced Study, the Director, and the Dean of the Graduate College, Chairman, ex officio, and shall be responsible for recommending the basic policies under which the Center shall operate. These basic policies shall be implemented and administered by the Director, assisted by a Steering Committee, the latter to be appointed by the Dean, and to include both Professors of the Center and other members of the University faculty. The Policy Committee may propose other types of affiliation with the Center—in addition to Professor, Associate, Lecturer, Fellow, and Adviser—at such times as it may deem appropriate.

APPOINTMENT TO CENTER FOR ADVANCED STUDY

(6) Upon recommendation of the Executive Committee of the Center for Advanced Study, and with the concurrence of the Dean of the Graduate College and the Executive Vice-President and Provost, I recommend that Dr. Alexander Turyn, Professor of the Classics, be appointed as a Professor in the Center for a period of two years beginning September 1, 1967. At the end of this period, Professor Turyn will have reached retirement age. Under the original charter of the Center, Professor Turyn was appointed a Member of the Center in September 1, 1962, for a period of five years.

On motion of Mr. Clement, this appointment was approved.

CHAIRMANSHIP OF THE DEPARTMENT OF HISTORY, CHICAGO CIRCLE

(7) The Dean of the College of Liberal Arts and Sciences and the Chancellor at Chicago Circle recommend the appointment of Professor Robert V. Remini as Chairman of the Department of History at Chicago Circle for two years beginning September 1, 1967. The salary will be determined when the budget for 1967-68 is submitted to the Board for approval.

This appointment is to replace Professor Stanley L. Jones who has been serving as Chairman of the Department and who has asked to be relieved of this administrative service so that he can devote full time to teaching and research.

This recommendation is submitted after consultation with members of the Department and on nomination of its Executive Committee. The Executive Committee of the College of Liberal Arts and Sciences, the Dean of Faculties, and the Executive Vice-President and Provost have been consulted and concur in this recommendation.

I recommend approval.

On motion of Mr. Grimes, this appointment was approved.

HEADSHIP OF DEPARTMENT OF BIOLOGICAL CHEMISTRY, MEDICAL CENTER

(8) The Dean of the College of Medicine and the Chancellor at the Medical Center campus recommend the appointment of Dr. Stephen B. Binkley as Professor on indefinite tenure and Head of the Department of Biological Chemistry in the College of Medicine beginning June 1, 1967, at an annual salary of \$26,000 on a twelve-month service basis. Dr. Binkley has been serving as Acting Head of the Department since September 1, 1965.

This appointment is unanimously supported by a faculty advisory committee,¹ the subcommittee of the Executive Committee of the College of Medicine, and by all members of the Department of the rank of assistant professor and above. The Executive Vice-President and Provost and the Dean of the Graduate College endorse the recommendation.

I recommend approval.

On motion of Mr. Clement, this appointment was approved.

APPOINTMENTS OF COACHES

(9) The Board of Directors of the Athletic Association has approved the recommendations of the Director of Intercollegiate Athletics for the following appointments:

JAMES J. VALEK as Head Football Coach at the University of Illinois effective April 1, 1967, at a salary of \$17,500 a year.

HARVARD F. SCHMIDT as Head Basketball Coach at the University of Illinois effective April 1, 1967, at a salary of \$14,500 a year.

ELLIS RAINSBERGER as Assistant Football Coach at the University of Illinois effective April 12, 1967, at a salary of \$13,000 a year.

RICHARD L. CAMPBELL as Assistant Basketball Coach at the University of Illinois effective April 8, 1967, at a salary of \$13,000 a year.

These recommendations have been announced and the action is now submitted to the Trustees for approval.

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

HONORARY DEGREES, URBANA AND MEDICAL CENTER

(10) The University Senates have recommended that honorary degrees be conferred upon the following and on the occasions indicated.

JAMES ALFRED PERKINS, President of Cornell University, the degree of Doctor of Laws, to be conferred at the Honors Day Convocation, at Urbana, on May 5, 1967.

ANANIAS CHARLES LITTLETON, Professor of Accountancy *Emeritus*, the degree of Doctor of Laws, to be conferred on May 12, 1967, at a Seminar on International Accounting, a Centennial event of the College of Commerce and Business Administration, Urbana.

KATHERINE ELLEN FAVILLE, Nurse, Administrator, and Educator, the degree of Doctor of Science, to be conferred at the Commencement Exercises at the Medical Center on June 9, 1967.

THEODORE KENNETH LAWLESS, Dermatologist, the degree of Doctor of Laws, to be conferred at the Commencement Exercises at the Medical Center on June 9, 1967.

DAVID E. LILIENTHAL, Business Executive and Author, the degree of Doctor of Public Administration, to be conferred at the Commencement Exercises at Urbana on June 17, 1967.

ALLAN SANDAGE, Astronomer at Mount Wilson and Palomar Observatories, the degree of Doctor of Science, to be conferred at the Commencement Exercises at Urbana on June 17, 1967.

I concur in the recommendations of the Senates.

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

APPOINTMENTS TO CENTER FOR ZONOSSES RESEARCH, URBANA

(11) On recommendation of the Dean of the College of Veterinary Medicine and Director of the Center for Zoonoses Research, the following appointments to the staff of the Center have been approved and are reported for record.

Senior Memberships

JOHN EDWIN PEARSON, M.S., Professor of Nuclear Engineering, of Civil Engineering, and of General Engineering, Urbana

¹Dr. Herbert E. Carter, Professor of Biochemistry and Head of the Department of Chemistry and Chemical Engineering, Urbana; Dr. Robert W. Carton, Associate Professor of Medicine; Dr. Ralph H. Kathan, Assistant Professor of Biological Chemistry; Dr. Cecil A. Krakower, Professor of Pathology and Head of the Department; Dr. Melvin Sabshin, Professor of Psychiatry and Head of the Department; Dr. William V. Whitehorn, Professor of Physiology.

- PAUL H. SCHNURRENBERGER, D.V.M., Public Health Veterinarian, Illinois Department of Public Health; Associate Professor of Public Health in the Department of Veterinary Pathology and Hygiene in the College of Veterinary Medicine, Urbana
- GEORGE SPRUGEL, JR., Ph.D., Chief, Illinois Natural History Survey, Urbana
- LEWIS J. STANNARD, JR., Ph.D., Taxonomist, Illinois Natural History Survey, Urbana

Associate Membership

- EDWIN I. PILCHARD, D.V.M., Ph.D., Assistant Professor of Veterinary Pathology and Hygiene and in the Center for Zoonoses Research, Urbana

Consultants

- BOTHA DE MEILLON, Ph.D., Southeast Asia Mosquito Project, The Smithsonian Institute, Washington, D.C.
- DAVID E. DAVIS, Ph.D., Department of Zoology, Pennsylvania State University, University Park, Pennsylvania

On motion of Mr. Hughes, these appointments were confirmed.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(12) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Illinois Accountancy Act of 1943, as amended, 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>
ORREN MAX GRAY	Moline, Illinois	Iowa
CLIFTON THOMAS HOLMES	Alton, Illinois	Missouri
MYRON URETSKY	Champaign, Illinois	Ohio
WILLIAM LEE WHEELING	St. Ann, Missouri	Missouri

I concur.

On motion of Mr. Grimes, these certificates were awarded.

ESTABLISHMENT OF DEPARTMENT OF THEATRE, URBANA

(13) The Urbana-Champaign Senate has approved a joint proposal of the Colleges of Liberal Arts and Sciences and of Fine and Applied Arts for the transfer of those aspects of the Department of Speech and Theatre oriented to performance from the College of Liberal Arts and Sciences to the College of Fine and Applied Arts, where they will be organized within a new Department of Theatre.

In view of plans to house performance aspects of theatre with the other "lively arts" in the Krannert Center for Performing Arts, the proposal is expected to aid in effective administration. Teacher-training curricula for Bachelor of Arts and Master of Arts in Speech would remain in the Department of Speech.

Twenty-one courses would be transferred to the new Department of Theatre. Seven courses would be cross-listed in both Speech and Theatre with the Department of Speech (Liberal Arts and Sciences) retaining budgetary responsibility. Twelve full-time equivalent academic appointments would be transferred to the Department of Theatre, while five full-time equivalent academic appointments would be joint appointments. A statement giving the details of the changes is being filed with the Secretary of the Board for record.

The Executive Vice-President and Provost concurs in this proposal.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I recommend approval.

On motion of Mr. Grimes, this recommendation was approved.

CHANGES IN ADMISSIONS REQUIREMENTS FOR THE DEPARTMENT OF URBAN PLANNING, URBANA

(14) The Urbana-Champaign Senate and the All-University Committee on Admissions have approved the following changes in the admission requirements for

the Department of Urban Planning recommended by the College of Fine and Applied Arts, to become effective in September, 1968.

1. Admission to the undergraduate program in urban planning to be approved on the basis of a grade-point average of 3.25 for transfer students from other departments in the University and from outside the University. (The present requirements specify no minimum average.)
2. Change the subjects required for admission from Pattern II to Pattern III, as shown on page 52 of the 1966-67 Undergraduate Study catalog, to be effective September 1, 1968.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved. Formal approval by the Board of Trustees is not required, but the changes are being reported for record.

This report was received for record.

DISCONTINUANCE OF DESIGNATION OF VALEDICTORIAN AND SALUTATORIAN, URBANA

(15) The Urbana-Champaign Senate has approved a recommendation of its Committee on Educational Policy that the naming of the valedictorian and salutatorian be discontinued after the Commencement of June, 1968.

The recommendation was based on the difficulty of selection of students for these honors arising from the following considerations:

1. Present regulations are rather strict: "The highest and second highest eligible students are designated as valedictorian and salutatorian." The number of decimal places required to effect this separation is, in some instances, greater than the reliability of the grading system.
2. The colleges do not use the same bases for calculation of grade-point averages.
3. Larger numbers of transfer students who will earn degrees in coming years will increase the difficulty of selection, inasmuch as the institutions from which they come may use (as in No. 2) differing bases for calculation of grade-point averages.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved. Formal approval by the Board of Trustees is not required, but the changes are being reported for record.

This report was received for record.

TRANSFER OF THE DEPARTMENT OF PHYSICS, CHICAGO CIRCLE

(16) The Chicago Circle Senate, with the concurrence of the Deans of the Colleges of Engineering and of Liberal Arts and Sciences, the Chancellor at the Chicago Circle campus, and the Executive Vice-President and Provost, recommends the transfer of the Department of Physics at the Chicago Circle campus from the College of Engineering to the College of Liberal Arts and Sciences.

At the present time, essentially all students majoring in physics are enrolled in the College of Liberal Arts and Sciences. Of the existing curricula in physics, two (leading to the baccalaureate degree in the physics curriculum and the physics major in the general curriculum) are administered in the College of Liberal Arts and Sciences. Two (the Bachelor of Science in Engineering with a major in applied physics and the Bachelor of Science in the teaching of physics) are in the College of Engineering. It is proposed to transfer the curriculum in the teaching of physics to the College of Liberal Arts and Sciences.

Moreover, departments representing subject matter areas of considerable relevance to physics, such as biology, chemistry, and geology, are already within the College of Liberal Arts and Sciences. The suggested change has the approval of the faculties involved.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I concur.

On motion of Mr. Swain, this recommendation was approved.

MASTER'S DEGREE IN SOCIOLOGY, CHICAGO CIRCLE

(17) The Chancellor of the University at Chicago Circle recommends approval of a program leading to the degree of Master of Arts in Sociology. The program

has received the approval of the Chicago Circle Senate, and the Senate Coordinating Council has indicated that no other Senate jurisdiction is involved. The Executive Vice-President and Provost and the Dean of the Graduate College concur in this recommendation.

The University's location in the heart of metropolitan Chicago offers a great variety of opportunities for research in urban sociology, collective behavior, and minority group relations. The degree will be offered in general sociology, but areas of specialization for research experience will be medical sociology, urban sociology, and political sociology. This program is expected to prepare sociologists with research training for research in welfare and planning agencies and for teaching in junior colleges and universities.

To be admitted to candidacy for the master's degree in sociology, a student should meet the following objective standards:

1. An undergraduate grade-point average of 4.00 (i.e., a "B" average).
2. Graduate Record Examination scores on the two general scales (i.e., verbal and quantitative) above the seventieth percentile.

Degree requirements will be:

1. The candidate will be required to complete a minimum of forty-eight quarter hours of graduate study distributed as follows:
 - a. Twelve hours in Sociology 400, 401, and 402, Theory and Method in Sociology.
 - b. Eight hours in Sociology 499, Thesis Research.
 - c. Twenty-eight additional quarter hours or the equivalent in course work at the 300 and 400 levels, at least sixteen of which must be in sociology. The remaining twelve may be taken in sociology or in related fields.
2. The candidate must satisfactorily pass a comprehensive examination to be administered by the Department which will normally be taken after three quarters of residence. The examination will cover theory and method in each of the major subfields: social psychology, social organization, demography and human ecology.
3. The candidate must satisfactorily complete a thesis.

I recommend approval subject to further action by the Board of Higher Education.

On motion of Mr. Swain, this recommendation was approved.

ESTABLISHMENT OF MAJOR IN CHEMICAL ENGINEERING, CHICAGO CIRCLE

(18) The Chicago Circle Senate has approved a joint recommendation of the Department of Chemistry, College of Liberal Arts and Sciences, and the College of Engineering for the establishment of a major field of concentration in chemical engineering (with emphasis in chemistry and energy engineering courses) as a part of the engineering curriculum.

The program, in common with those curricula for the Bachelor of Science in engineering at Chicago Circle approved by the Board of Trustees on July 27, 1966, will consist of the common core curriculum of 111 quarter hours; a minimum of 36 hours in the major field; humanities-social sciences; and elective courses — for a minimum total of 198 quarter hours, exclusive of physical education and basic military science.

It is anticipated that this program will prepare the student either for further graduate study or for employment upon graduation.

The Chancellor and the Executive Vice-President and Provost endorse the recommendation.

The Senate Coordinating Council has indicated that no further Senate jurisdiction is involved.

I recommend approval subject to further action by the Board of Higher Education.

On motion of Mr. Grimes, this recommendation was approved.

REQUIREMENTS FOR AN UNDERGRADUATE MAJOR IN ECONOMICS, CHICAGO CIRCLE

(19) On February 15, 1961, the Board of Trustees approved the basic educational program for the University of Illinois at Chicago Circle, including a baccalaureate

degree program with an area of concentration in economics, the degree to be conferred by the College of Business Administration.

The College of Liberal Arts and Sciences, the Chicago Circle Senate, and the Chancellor now recommend the approval of a proposal for an undergraduate major in economics within the College of Liberal Arts and Sciences. Students pursuing such a major would take the appropriate courses in economics offered by the College of Business Administration. The two paths to the degree in economics would differ, as do the corresponding programs on the Urbana campus, only to the extent that the graduation requirements of the colleges differ.

The requirements for this program are: twenty-six hours in the major field, including twenty-four hours of advanced courses for the major; eighteen hours for one minor; or twelve in each of two fields for a split minor. The requirements are parallel to those of other major fields of study within the general curriculum of the College of Liberal Arts and Sciences.

The Senate Coordinating Council has indicated that no further Senate jurisdiction is involved.

I recommend approval.

On motion of Mr. Grimes, this recommendation was approved.

REQUIREMENTS FOR AN UNDERGRADUATE MAJOR IN ANTHROPOLOGY, CHICAGO CIRCLE

(20) On February 16, 1966, the Board of Trustees approved a recommendation for the establishment of a Department of Anthropology and a curriculum in Anthropology in the College of Liberal Arts and Sciences at the Chicago Circle campus. The Illinois Board of Higher Education, in June, 1966, approved the proposal.

The Chicago Circle Senate has now approved requirements for an undergraduate major in anthropology consisting of forty hours in the department distributed as follows:

1. Sixteen hours in Anthropology 102, 103, 104, and 273 (or substitutes satisfactory to the Department).
2. Eight hours to be selected from general courses in archeology (e.g., Anthropology 250, 251, 301, 363); linguistics (e.g., Anthropology 277); psychological anthropology (e.g., Anthropology 320); or biological anthropology (e.g., Anthropology 302).
3. Eight hours consisting of two ethnographic or archeological culture areas or a combination thereof (e.g., Anthropology 251, 264; Anthropology 266, 361; Anthropology 264, 390, or 391).
4. Eight additional hours to be selected with the help of a departmental adviser.

Minor: Twenty-four hours in one field, or no fewer than sixteen in each of two fields, chosen in consultation with the departmental adviser.

The Senate Coordinating Council has advised that no other Senate jurisdiction is involved.

This proposal is being reported for record.

This report was received for record.

PROPOSED REORGANIZATION OF LIBRARY ADMINISTRATION

(21) The following general policies are proposed for the administration of the libraries of the University of Illinois:

1. The Chancellor shall be delegated full authority to administer the library or libraries on his campus within the limitations set forth in this memorandum and in accordance with University-wide policies.
2. The campus libraries shall have independent and parallel access to University-wide executive authority through their Chancellors, to national professional association memberships, and to the supportive services of the University.
3. The Chancellor shall have responsibility for the development and maintenance of library facilities and programs to promote the instructional and research goals of his campus.
4. The Chancellor shall develop and maintain reports in accordance with University-wide standards and procedures and shall supply all information requested by the President.
5. Except where consolidated University-wide reports are requested, the campus

- library shall report all required information and statistics for outside comparative purposes directly to the inquiring source, in the manner approved by the Chancellor, independent of the reporting of other campus libraries of the University of Illinois. Copies of all such reports shall be filed with the Executive Vice-President and Provost.
6. The University-wide administration shall be readily available for consultation and assistance to all campuses; likewise, the head librarians and specialized library personnel on all campuses shall be encouraged to serve in consultative roles on other campuses when requested.
 7. A University Council on Libraries shall be established, consisting of the head librarian and the chairman of the Senate library committee from each campus, the director of the Graduate School of Library Science, and a member who shall be named by the President and serve as Council chairman.
 - a. The purpose of the Council shall be to promote professional relations, to communicate more effectively, and to plan for the sharing of library resources.
 - b. While actions of the Council shall not be directly binding on the campus libraries, the Council may make policy recommendations to the President.
 - c. It is expected that the Council, through consensus, will facilitate the administration of such common standards and policies as they may wish to adopt.
 - d. The Council shall determine its own internal organization, schedule of meetings, employment of adjunct committees, and methods of maximizing inter-campus cooperation, both professional and administrative.
 8. The University Council on Libraries shall report to the President annually on its activities, giving particular attention to its efforts to maximize the accessibility of all the University's library resources to potential users on all campuses, and including a consolidated statistical report for all libraries.
 9. The standing library committee of the campus Senate shall advise the campus head librarian regarding the apportionment of book funds and other matters pertaining to the campus library.

I recommend provisional approval of these recommendations, with the stipulation that the Trustees defer final approval until the present action has been reported to the Senates of all three campuses for their information and further advice. Upon final action by the Board of Trustees, Section 19 of the University of Illinois *Statutes* should be modified to reflect the changes adopted.

On motion of Mr. Swain, this recommendation was approved.

TRIAL EXPANSION OF MEMBERSHIP OF URBANA-CHAMPAIGN SENATE

(22) Section 6 (b) of the University *Statutes* provides that the Senate of each campus "shall consist of the full professors, the deans of colleges, the directors or deans of schools and institutes, and the heads and chairmen of departments . . ." but that on recommendation of the Committee on Educational Policy of any Senate, "persons of the academic rank or administrative status, as each Senate may determine by resolution" may also be granted membership.

The Urbana-Champaign Senate has approved the following recommendation of its Committee on Educational Policy:

1. That the Associate and Assistant Professors of each college, or independently organized school, division, or institute shall elect one prospective Senator for each ten (or major fraction thereof) full-time equivalent faculty members in these ranks, in accordance with procedures as may be determined by the faculty of each such academic unit.
2. That the Clerk of the Senate shall notify the appropriate administrative officer of each of these subdivisions of the number to be elected in each subdivision.
3. That such elections be carried out in each subdivision and that the results be reported to the Clerk of the Senate no later than May 15, 1967.
4. That the names of these prospective senators be presented by the Committee on Educational Policy for election by the Senate at the June, 1967, meeting.
5. That these senators be elected to serve for a period of two years beginning September 1, 1967.
6. The number of senators elected from these ranks shall be in addition to those who are automatically members by virtue of their membership on Senate committees.

7. Prior to the end of this trial expansion period, but not later than the April, 1969, Senate meeting, the Committee on University Statutes and Senate Procedures will make recommendations to the Senate concerning the continuation of the trial expansion.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

This matter is being reported for record.

This report was received for record.

CHANGE IN NONACADEMIC POLICY AND RULES

(23) Within the past year a review has been undertaken of the *Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees*. Section XII, "Grievances," has been completed. Views of all interested persons were invited in respect to grievance procedures by a memorandum from the Director of Nonacademic Personnel dated February 17, 1966. Written comments offered in response to these invitations were reviewed and considered. Draft revisions were prepared based upon this consideration and submitted to the Non-academic Personnel Advisory Committees of the three campuses, and the views of these committees were considered. Additionally, the subject matter was discussed at staff meetings of the personnel staffs at Urbana and Chicago, at meetings with union representatives at the three campuses, and at meetings of the employees' Advisory Committee to the University Civil Service System of Illinois. A draft was then published in the December, 1966, *Staff Observer*. Comments received were considered, and a final recommended draft was prepared which has been approved by the All-University Nonacademic Personnel Advisory Committee.

The Director of Nonacademic Personnel now recommends that the present Section XII of the *Policy and Rules* be modified effective May 1, 1967. The changes, as approved by the All-University Nonacademic Personnel Advisory Committee, will be incorporated in the *Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees*, a copy of which is being filed with the Secretary of the Board for record. It is noted that this recommendation contemplates that Section I, Basic Policy: "Grievances," and Section II, University-Wide General Policy: "Arbitration of Grievances," will be approved and issued by the Trustees, and that Section II contains a delegation under which the actual step procedures will be issued by the President of the University. I concur in this recommendation.

The Committee on Nonacademic Personnel of the Board of Trustees has reviewed and approved this recommendation.

On motion of Mr. Swain, this recommendation was approved.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES, URBANA

(24) The Executive Vice-President and Provost and the Vice-President and Comptroller recommend the following appropriations for Urbana-Champaign from Contract Research Reserve:

Renovation and remodeling for which funds are assigned to the

Physical Plant Department:

First phase of remodeling in Noyes East Laboratories for Inorganic Chemistry, to match funds for a grant received from the National Science Foundation.....	\$200 000 00
First phase of remodeling in the basement of the Administration Building for the installation of additional computer equipment for the Statistical Service Unit.....	23 200 00
Remodeling in the English Building for offices.....	93 570 00
<i>Total</i>	<u>\$316 770 00</u>

I concur.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

**CONTRACTS FOR CONSTRUCTION OF SMALL HOMES
COUNCIL BUILDING**

(25) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for construction of a new building for the Small Homes Council—Building Research Council to be located on the south side of St. Mary's Road east of St. Mary's Cemetery, the award in each case to the lowest bidder:

General—Dean Evans Co., Champaign		
Base bid.....	\$65 469 00	
Additive alternates for construction of full basement under north wing.....	1 500 00	
and installation of five-eighths inch gypsum wall board in lieu of one-half inch material.....	600 00	\$67 569 00
Electric—G. L. Wilsky, an individual doing business as Downtown Electric, Urbana.....		
		13 025 00
Plumbing—Illini Plumbing and Heating, Inc., Champaign.....		
		8 235 00
Heating, Air Conditioning, and Ventilating—Petry Roofing and Sheet Metal Co., Champaign.....		
		10 180 00
Total.....		\$99 009 00

It is further recommended that all contracts other than the general contract be assigned to the contractor for general work, making the total of the latter contract \$99,009, and it is further recommended that an agreement be entered into with Dean Evans Co., Champaign, for the assignment of these contracts to that firm for the sum of \$1,000, which amount is included in the contract price, this being the amount bid by that firm in the appropriate space on the proposal form for service charges for supervision of other contracts by the general contractor.

Funds are available in the Universities Building Fund and state capital appropriations to the University for 1965-67 and have been released.

Submitted herewith is a report from the Physical Plant Department, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

**CONTRACTS FOR REMODELING BASEMENT OF 801 SOUTH
WRIGHT STREET, CHAMPAIGN**

(26) The Director of the Physical Plant and the Vice-President and Comptroller recommend the assignment of \$80,520 from Contract Research Reserve and the award of the following contracts, based on the percentage bids for contractors' fees, for remodeling the basement of the 801 South Wright Street building, Champaign, which will be used for the Insurance Office and the Auditing Division of the Business Office. The award in each case is to the lowest bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General—Dean Evans Co., Champaign.....	5	25	5	\$2 790 00	\$18 590 00
Electrical—Wm. H. Brunkow doing business as Brunkow Electric Co., Champaign.....	10	24	0	1 110 00	6 910 00
Plumbing—The Nu-Way Contracting Corp., Chicago....	20	39	5	1 312 00	5 912 00
Heating, Piping, Refrigeration and Automatic Temperature Control Systems—Julian Engineering Company, Chicago.....	10	30	10	2 740 00	17 940 00

Submitted herewith is a report from the Physical Plant Department, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Clement, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

CONTRACT FOR INSTALLATION OF STORM AND SANITARY SEWERS TO SERVE THE UNDERGRADUATE LIBRARY, URBANA

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$89,181 to George S. Walker Plumbing & Heating, Inc., Decatur, the lowest bidder, for installation of a storm sewer from the northwest corner of the Undergraduate Library to Wright Street and the installation of a sanitary sewer from the northwest corner of the Undergraduate Library east to Mathews Avenue.

Funds are available from state capital appropriations to the University for 1965-67 and have been released.

I concur.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

IMPROVEMENTS OF SIXTH STREET IN CHAMPAIGN

(28) The city of Champaign, in accordance with the Major Street and Highway Plan for the Champaign-Urbana Area, is planning to widen and resurface South Sixth Street from its present width (36 feet) to 44 feet from curb to curb, from University Avenue south to Armory Avenue. With the University participating, the City will extend the improvements one block to Gregory Drive.

The University owns 23.01 per cent of the property frontage on Sixth Street from University Avenue to Armory Avenue and all the frontage, including the street, from the center line of Armory Avenue to Gregory Drive. The improvement will include the widening, the resurfacing, the installation of modern street lights, a new bridge on the Bone Yard Creek, traffic signals at Armory Avenue and Sixth Street, and sidewalks and other construction related to the improvements.

The City is proceeding with this project under the assumption that the University will share in the costs of the improvement in accord with the following estimates:

1. For that portion of the project from University Avenue to the center line of Armory Avenue, including the traffic signals at the latter intersection, in accord with the ratio of University property frontage to the total property or 23.01 per cent of the cost of the total project	\$ 85 000 00
2. For that portion of the project from the center line of Armory Avenue to the north curb line of Gregory Drive based on 100 per cent University ownership.....	45 000 00
<i>Total</i>	\$130 000 00

Funds are available in state capital appropriations to the University for 1965-67 and have been released.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Comptroller and the Secretary of the Board be authorized to execute an agreement with the city of Champaign for the University participation in this improvement on the basis of the above estimate and that funds be assigned for this purpose.

I concur.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

CONTRACT FOR FABRICATION OF ILLIAC IV

(29) On February 16, 1966, the Board of Trustees approved the prime research contract to design, fabricate, and operate the Illiac IV Computer with the Rome Air Development Center, Department of Defense.

On March 16, 1966, the Board of Trustees awarded the subcontracts for detailed specifications and design work to three companies. After a series of technical progress meetings with the companies participating in the design phase, it became evident that the company whose design was selected should be chosen to fabricate the machine. Upon the recommendation of the Department of Defense, the Finance Committee endorsed the recommended method of selecting the company to fabricate the machine.

A Review and Selection Panel of twelve members appointed jointly by the University of Illinois and the Department of Defense reviewed the three proposals. The Burroughs Corporation was selected by use of a point scoring evaluation which gave consideration to both price and technical accomplishments.

The Burroughs Corporation has offered a cost-plus incentive fee contract at a total estimated cost, including fees of \$14,602,986. The total contract is for 256 processing units. However, the first phase on a cost incentive basis will be for sixteen processing units at an estimated cost of \$4,800,000. When technical confidence is assured at this level, the contract is convertible for construction of the remainder of the machine to a fixed price contract.

It may take as long as ninety days to negotiate and execute this contract. There is a critical time schedule for delivery of Illiac IV and assembling talent and resources for its fabrication. With the concurrence of the Department of Defense, the Dean of the Graduate College and the Vice-President and Comptroller recommend that a preliminary subcontract (letter authorization) be entered into authorizing Burroughs Corporation to commence work and expend funds to a total not exceeding \$500,000 over the next ninety days. During this period, negotiations for a definitive contract will proceed with a target date for execution within the ninety-day period.

I concur.

On motion of Mr. Swain, this recommendation was approved.

CONTRACT WITH BOARD OF EDUCATION OF THE CITY OF CHICAGO

(30) The Chancellor at Chicago Circle and the Vice-President and Comptroller recommend authorization of a contract with the Board of Education of the City of Chicago in the amount of \$6,840.

This contract provides for reimbursement to the Board of Education for the services of one of its staff members, who will serve as Coordinator, under a grant supporting a Program in Youth Development and Teacher Education.

Funds are available from a grant awarded by the State of Illinois Board of Higher Education, under provisions of Title I of the Higher Education Act of 1965, identified as Grant Number 66-014.

I concur.

On motion of Mr. Grimes, authority was given as recommended by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

INCREASE IN CONTRACT WITH SKIDMORE, OWINGS & MERRILL FOR MASTER CAMPUS PLAN STUDIES, CHICAGO CIRCLE

(31) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase in the contract with Skidmore, Owings & Merrill, Chicago, for Master Campus Plan Studies on the long-range expansion of the Chicago Circle campus, including coordination of the University's planning with that of the city of Chicago. The estimated cost of such work is \$50,000, for which funds are available in the Universities Building Fund.

I concur.

On motion of Mr. Swain, this recommendation was approved.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE
CONTRACT FOR CONSTRUCTION OF CHICAGO
CIRCLE CAMPUS, PHASE II**

(32) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board request the Illinois Building Authority to authorize an increase of \$111,007.10 in the contract with Gust K. Newberg Construction Co., Chicago, for the construction of Chicago Circle Campus, Phase II. The work includes provision of additional plumbing, process piping and electrical facilities and adjustments to laboratory equipment in teaching laboratories on the third floor of the Science and Engineering Laboratory Addition which have been requested by the Department of Energy Engineering as essential to properly carry out the academic program of that department.

Funds are available in the construction budget for this work.
I concur.

On motion of Mr. Swain, this recommendation was approved.

**CONTRACTS FOR MEDIA SERVICE REMODELING IN THE SECOND
UNIT OF THE DENTISTRY- MEDICINE-PHARMACY
BUILDING, MEDICAL CENTER**

(33) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for Media Service remodeling at the Medical Center campus, the award in each case to the lowest bidder.

General—Simpson Construction Co., Chicago.....	\$15 543 00
Plumbing—Fettes, Love & Sieben, Inc., Chicago.....	2 850 00
Heating and Process Piping—The Nu-Way Contracting Corp., Chicago.....	4 913 00
Ventilation—Moto Heating, Ventilating, Air Conditioning Corpora- tion, Chicago.....	715 00
Pipe Covering and Insulation—Brand Insulations, Inc., Chicago.....	197 00
Electrical—Schaeffer Electric Co., Division of Sam Schaeffer Co., Chicago.....	4 260 00
	<u>\$28 478 00</u>

The work provides for the rearrangement of partitions, new lighting, floor covering, air conditioning, and the installation of new washroom facilities. The work also includes the connecting of utilities to laboratory equipment, for which an award of contract was approved by the Board of Trustees on March 14, 1967.

Funds for this work are available from state capital appropriations for 1965-67 and have been released.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Clement, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

EMPLOYMENT OF ARCHITECTS AND ENGINEERS

(34) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board authorize employment of the following firms for complete architectural and engineering services, including design, preparation of working drawings and supervision of construction, at the fees and for the projects listed all of which are included in the 1967-69 biennial request:

<i>Project</i>	<i>Professional Recommended</i>	<i>Fee Based on Actual Construction Costs</i>
<i>Chicago Circle Campus</i>		
Education Center	Harry Weese & Associates, Chicago	5½ per cent
Student Services Administration Building	Harry Weese & Associates, Chicago	5½ per cent

<i>Project</i>	<i>Professional Recommended</i>	<i>Fee Based on Actual Construction Costs</i>
<i>Chicago Circle Campus</i> Heating Plant Addition	Sargent & Lundy, Chicago	The salaries of technical personnel assigned to the work plus 50 per cent; the actual cost of stenographic, travel, and miscellaneous expense related to the job; plus a fixed fee of 2 per cent of the actual cost of construction
Utility Distribution System Extensions	Sargent & Lundy, Chicago	Same as above
<i>Medical Center Campus</i> Office Building	Loebl, Schlossman, Bennett & Dart, Chicago	5½ per cent
<i>Urbana-Champaign Campus</i> Music Building	Richardson, Severns, Scheeler & Associates, Champaign	5½ per cent
Library—Fifth Stack Addition	Lankton, Ziegele, Terry and Associates, Inc., Peoria	5 per cent based on partial supervision

Funds are temporarily available from the Stores and Services Account for initial authorizations to the architects on the Education Center at Chicago Circle and the Music Building and the Library—Fifth Stack Addition at the Urbana campus until permanent financing is available. The initial authorizations will provide for the preparation of preliminary schematic drawings used in applications for Federal Grant Funds. These applications must be submitted as soon as possible.

Authorizations will be withheld on the remaining projects until funds are available to the University or the Illinois Building Authority for the completion of work.

These recommendations have been considered and approved by the Advisory Committee on the Selection of Architects and Engineers and the Committee on Buildings and Grounds.

I concur.

On motion of Mr. Grimes, authority was given as recommended by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

REVISION OF ORCHARD DOWNS AND ORCHARD DOWNS ADDITION SITE, URBANA

(35) The legal description of the Orchard Downs Apartments and the Orchard Downs addition sites included the west property line of Race Street as the eastern boundary; however, no buildings in the apartment complex are located within 200 feet of Race Street. Inasmuch as the University may wish to use the Race Street frontage for other purposes in the future, it is desirable, in connection with the delivery of the Housing Revenue Bonds of 1966, Series A and B, to modify the site description used in the Housing Revenue Bonds of 1960, Series A, and the Housing Revenue Bonds of 1964, Series A. Therefore, the Director of the Physical Plant and the Vice-President and Comptroller recommend the adoption of the following resolution.

Resolution

WHEREAS the following described land, which was designated for, and constitutes a portion of, the project site of Item 2 of Project D (otherwise known as

Orchard Downs Apartments) for the account of which \$5,000,000 Housing Revenue Bonds of 1960, Series A were issued, and which was also designated for, and constitutes a portion of the project site of Project F (otherwise known as Orchard Downs Addition) for the account of which \$2,100,000 Housing Revenue Bonds of 1962, Series A were issued, both issues being under and pursuant to that Housing Revenue Bond Resolution of this Board of Trustees adopted December 17, 1958, as supplemented (herein called the "Resolution") and described as follows:

Situated in the State of Illinois, the County of Champaign, and being a part of the NW $\frac{1}{4}$ of the N $\frac{1}{2}$ of the SW $\frac{1}{4}$ of Section 20, Township 19 North, Range 9 East of the Third Principal Meridian, and being more fully bounded and described as follows:

Beginning at an iron pipe 1005.0 feet distant South of and 30.0 feet distant West of the NE corner of the NW $\frac{1}{4}$ of Section 20, said pipe being in the West property line of Race Street in the City of Urbana; thence Southerly along the West property line of said Race Street, extended South, a distance of 1,756.66 feet to a corner, said corner being marked with an iron pipe; thence Westerly a distance of 200.0 feet to a corner, said corner being marked with an iron pipe; thence Northerly along a line parallel to the West property line of said Race Street, extended South, a distance of 1,756.66 feet to a corner, said corner being marked with an iron pipe; thence Easterly a distance of 200.0 feet to the place of beginning,

(said property herein being called "Abandoned Property") is not revenue producing and is not needed as a part of the sites of the above mentioned projects; and

WHEREAS The Board of Trustees of the University of Illinois wishes to add to the above Project Sites additional land upon which additional revenue producing facilities will be constructed, said facilities consisting Items 1 and 2 of Project J as described in the Ninth Supplemental Housing Revenue Bond Resolution, approved March 14, 1967; and

WHEREAS the abandonment of the Abandoned Property will not materially affect the use or occupancy of any of the facilities for the account for which bonds have been issued under the Resolution or the revenues derived or to be derived from any such facilities:

Now, Therefore, Be It, and It Hereby Is Resolved that The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, does hereby permanently abandon the use of the said above described Abandoned Property as part of the Project Site of Projects D and F and concurrently therewith replaces said Abandoned Property with additional property, and henceforth the Project Sites for Item 2 of Project D and for Project F, shall be described as follows:

Situated in the State of Illinois, the County of Champaign, the City of Urbana and being a part of the NW $\frac{1}{4}$ of Sec. 20 and the N $\frac{1}{2}$ of the SW $\frac{1}{4}$ of Sec. 20, Township 19 North, Range 9 East of the Third Principal Meridian, and being more fully bounded and described as follows:

Beginning at a point 1005.0 feet distant South of and 230.0 feet distant West of the NE corner of the NW $\frac{1}{4}$ of said Section 20, said point being marked with an iron pipe monument; Thence Westerly, a distance of 1120.0 feet to a corner, said corner being marked with an iron pipe monument; Thence Southerly, a distance of 260.96 feet to a corner, said corner being marked with an iron pipe monument; Thence Southeasterly, a distance of 390.51 feet to a corner, said corner being marked with an iron pipe monument; Thence Southerly, a distance of 514.55 feet to a corner, said corner being marked with an iron pipe monument; Thence Westerly, a distance of 390.0 feet to a corner, said corner being marked with an iron pipe monument; Thence Southerly, a distance of 890.0 feet to a corner, said corner being marked with an iron pipe monument; Thence Easterly, a distance of 612.89 feet to a corner, said corner being marked with an iron pipe monument; Thence Southwesterly, a distance of 507.91 feet to a corner, said corner being marked with an iron pipe monument; Thence Southeasterly, a distance of

679.6 feet to a corner, said corner being marked with an iron pipe monument; Thence Northeasterly, a distance of 286.0 feet to a corner, said corner being marked with an iron pipe monument; Thence Northerly, a distance of 117.0 feet to a corner, said corner being marked with an iron pipe monument; Thence Easterly, a distance of 247.4 feet to a corner, said corner being marked with an iron pipe monument; Thence Northerly, a distance of 199.0 feet to a corner, said corner being marked with an iron pipe monument; Thence Easterly, a distance of 136.6 feet to a corner, said corner being marked with an iron pipe monument; Thence Northerly, a distance of 2210.26 feet to the point of beginning, containing $53.47 \pm$ acres, more or less.

Said site also being the Project Site of Items 1 and 2 of Project J as described in the Ninth Supplemental Housing Revenue Bond Resolution, approved March 14, 1967.

Be It Further Resolved that inasmuch as the Abandoned Property is not revenue producing, all of the conditions precedent set forth in Section 8.01 of the Resolution are fully satisfied to the extent they may in any way be considered applicable.

On motion of Mr. Swain, the foregoing resolution was adopted.

JOLIET EXPERIMENTAL FIELD

(36) The Joliet Experimental Field of approximately thirty-one acres, acquired by the University of Illinois in 1913 from the County of Will, was discontinued as an experimental field prior to 1964. The warranty deed conveying the property to the University provided that in the event agricultural experimentation should be discontinued for a period of two consecutive years the title and ownership of this land should revert to the County of Will.

For over a year discussions have been under way with representatives of the Will County Board of Supervisors concerning the disposition of this tract, since the reverter statute of the state raised questions as to whether title was in the University or in the County. The County has represented that it desires to use the land for its governmental purposes.

The Seventy-fifth General Assembly has enacted a bill directing the Board of Trustees to reconvey this tract by quit claim deed to Will County, and on March 8, 1967, the legislation was approved by the Governor of the State of Illinois. Under the provisions of this Act, the quit claim deed from the University to the County is to be executed no later than ninety days from the date of the Governor's approval.

To implement the requirements of the Act, it is requested that the following resolution be adopted.

Resolution Transferring Joliet Experimental Field in Will County, Illinois, to the County of Will

Be It, and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the President and Secretary of this corporation be, and they hereby are, authorized and directed to execute, acknowledge, and deliver in the name and in behalf of this corporation, a quit claim deed as so provided in "An ACT requiring the Board of Trustees of the University of Illinois to reconvey certain land to the County of Will", approved March 8, 1967, in order to convey to the County of Will in the State of Illinois, title to the real property hereinafter described viz:

Commencing at the South West Corner of the North West Quarter (N.W. ¼) of Section Thirty one (31), in Township Thirty six (36) North, and in Range Ten (10), East of the Third (3rd) Principal Meridian, and running thence East on the South line of said Quarter Section, Two Thousand and Fifty (2050) feet; thence North on a line parallel with the West line of said Quarter Section, Six Hundred Fifty eight and Seventy five One Hundredths (658.75) feet; thence West on a line parallel with the South line of said Quarter Section, Two Thousand and Fifty (2050) feet to the West line thereof, and thence South on the West line of said Quarter Section, Six Hundred Fifty eight and Seventy five One Hundredths (658.75) feet to the place of beginning, containing Thirty one (31) acres more or less, according

to a survey thereof made by William H. Zarley, County Surveyor of Will County, Illinois, on May 13th, 1913; also, commencing at the North East Corner of the Thirty one (31) acre tract above described, and running thence West on the North line thereof Three (3) rods, thence North to the center of the Plainfield Road, thence Southeasterly in the center of said Road to a point directly North of the place of beginning and thence South One Hundred and Seventy five One Hundredths (100.75) feet to the place of beginning, situated in the County of Will and State of Illinois.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

EASEMENT TO GENERAL TELEPHONE COMPANY OF ILLINOIS

(37) The Vice-President and Comptroller recommends that the General Telephone Company of Illinois be granted an easement for the installation of an underground telephone cable over the road right-of-way only and bordering Allerton Trust Farm land in Piatt County, and that the following resolution be adopted.

I concur.

Resolution Granting Easement Over Road Right-of-Way Only and Bordering Allerton Trust Farm Land in Section 4, Piatt County, Illinois

Be It, and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this corporation be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this corporation such instruments of conveyance, contract or other document or documents as to them may seem necessary or desirable in order to grant to General Telephone Company of Illinois, an Illinois corporation, hereinafter referred to as "Company", its successors and assigns, the right and easement to construct, operate, patrol and maintain its communication lines including the necessary underground cables, wires, conduits, splicing boxes, surface terminals, markers and appurtenances upon, over and across the land hereinafter specifically described which land is included in the public highway, to form a part of a communication system to be owned by the said Company in Piatt County, Illinois, to other lands and structures located beyond the lands hereinafter described, and upon, along, under and across the roads, streets, or highways on or adjoining said land hereinafter described together with the right of access to the said land hereinafter described, with the right to permit the attachment of the wires of any other Company. Company shall agree to repair any damage caused to property of this corporation by the construction, reconstruction, operation, patrolling, maintenance, renewal or removal of said telephone communications cable, and to indemnify the University and its representatives and tenants from liability in connection with its activities; the term of said easement to be for such period as the easement may be used for the above-described purposes, but upon the discontinuation of use of or abandonment of said telephone communications cable, said easement to thereupon cease and determine without necessity of re-entry or demand; the rights and easement granted to be limited to the extent that this public corporation has the present right and capacity to grant the same. The right-of-way easement shall be over the following-described property:

Situated in the State of Illinois, the County of Piatt, and only on the road right-of-way bordering land described as follows:

On West road right-of-way bordering the South Seventy (70) acres of the East One-half (E ½) of the Southeast Quarter (SE ¼) of Section Four (4), Township Eighteen North (T-18-N), Range Five East (R-5-E) of the Third Principal Meridian (3rd P.M.).

On motion of Mr. Swain, the foregoing resolution was adopted.

**RECOMMENDATION FROM COMMITTEE ON COPYRIGHTS
AND RECORDINGS, URBANA**

(38) In accordance with Section 19 of *The General Rules Concerning University Organization and Procedure*,¹ the Committee on Copyrights and Recordings has reviewed a case involving the proposed publication of a book to be entitled "An Introduction to the Bayesian Approach to Statistical Decision Theory." The author is Dr. Bruce W. Morgan, Assistant Professor of Economics at Urbana.

The manuscript is based in part on materials prepared by Professor Morgan while on full-time appointment during the summer of 1964. Subsequently, a mimeographed version was prepared for use in Economics 172. The new publication would represent a substantial revision and expansion of the mimeographed edition.

In the light of its review, the Committee on Copyrights and Recordings has made the following recommendations: (a) that the University retain its rights to the original edition of the manuscript, for possible use in economics courses; (b) that the University release its rights to the new manuscript to Professor Morgan (who would be free to copyright it or to assign the copyright to a publisher); (c) that the University be paid 10 per cent of the royalties received from sales of the new book, up to a limit of \$900.

The Executive Vice-President and Provost and the Vice-President and Comptroller endorse these recommendations of the Committee on Copyrights and Recordings.

I concur.

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

PURCHASES

(39) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller; also a list of purchases authorized by the President.

The lists of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds

Purchases Authorized	\$ 17 995 41
Purchases Recommended	187 479 53
	\$205 474 94

From Institutional Funds

Purchases Authorized	\$ 20 474 00
Purchases Recommended	756 727 14
	\$777 201 14

Grand Total \$982 676 08

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Hughes, the purchases authorized by the President were approved, and the purchases recommended were authorized.

¹ On April 17, 1963, the Board of Trustees amended Section 19 of *The General Rules Concerning University Organization and Procedure* to provide that a proportion of the net income earned from the marketing of copyrighted or recorded material produced with University support might be assigned to the author(s) or developer(s) of the material. Under this Section, it is provided that all rights to such copyrighted or recorded materials produced with University support belong to the University. The revision further provides that a University Committee on Copyrights and Recordings review the circumstances involved in each case, and make recommendations concerning it to the President and the Board of Trustees.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(40) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary of the Board.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(41) The Comptroller's report of contracts executed during the period March 1 to 31, 1967.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
American Association of Colleges for Teacher Education	Integrated urban education program	\$ 12 000 00
Board of Health of the City of Chicago	Growth and development of high-risk infants	44 162 00
Financial Executives Research Foundation, Inc.	Financial reporting by concentric and conglomerate companies	35 890 00
Illinois State Librarian	Provide facilities and services for the efficient operation of the library recruitment project by the Secretary of State as Illinois State Librarian	10 000 00
National Aeronautics and Space Administration NSG (T)-24	Training nine predoctoral graduate students in the space-related sciences and technology	168 400 00
Stanford Research Institute 11227(4949A-71)	Designs for limited blast protection in homes	23 820 00
11228(4949A-73)	Structural interaction of building members: (1) frames with filler walls; and (2) floor slabs with surrounding members	39 604 00
State of Illinois Board of Higher Education	Accumulation of data relating to the allocation of space by curricula in selected comprehensive junior colleges	3 810 00
Union Carbide Corporation, Nuclear Division	Prestressed concrete pressure vessels for nuclear reactors	15 150 00
United States Air Force F33615-67-C1283	Material behavior in a wire under transverse impact	22 677 00
F40600-67-C-0009	Theoretical optimization of staged ejector systems	9 563 00
United States Army DAAB07-67-C-0199	Development of techniques for military applications in accordance with confidential technical guidelines	1 200 000 00
DACA45-67-C009	Surface roughness on sliding friction of rocks	16 550 00
United States Atomic Energy Commission AT(11-1)-1683	Relationship of structural and regulatory genes controlling the ability of cells to exist under different environmental conditions	35 000 00
United States Department of Health, Education, and Welfare: OEC-3-7-008934-0459	Visual discriminations of pre-school and school-age children	9 000 00
OEC-3-7-061174-0271	Research and evaluation in the improvement of college level student achievement through changes in the examinations	50 770 00
OEC-3-7-430573-2116	NDEA institute for advanced study in geography	61 612 00
OEG3-7-670749-2767	Fellowships for teachers of disadvantaged children	154 000 00
OEG3-7-670756-2474	Fellowships for prospective departmental chairmen in English	154 000 00
Total		\$2 066 008 00

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
University of Illinois Foundation	Room 107 in Lando Place, 707 South Sixth Street, Champaign, Illinois (September 1, 1966, to June 30, 1967)	\$ 6 930 00

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Crop-Hail Insurance Actuarial Association	Frequency of hailstorms over various sized areas	\$ 9 000 00
United States Air Force AF 33(615)-5248	Low density plasma with gaseous lasers	30 000 00
AF-AFOSR-889-67	Anatomy of insect central nervous system	10 673 00
United States Atomic Energy Commission AT(11-1)-1018	Pattern recognition and data-handling problems arising in the analysis of bubble chamber photographs of high-energy particle events	965 000 00
AT(11-1)-1142	Kinetic isotope effects and related chemical kinetic problems	28 000 00
AT(11-1)-1198	Understanding the nature of materials, predominantly solids	1 384 614 00
AT(11-1)-1199	Rainout of radioactivity in Illinois	61 612 00
United States Navy Noo014-67-A-0305-0004	Radio frequency spectroscopy	30 000 00
<i>Total</i>		<u>\$2 518 899 00</u>

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Downtown Electric	Cost-plus contract — electrical	Noyes Laboratory \$ 3 600 00
Dean Evans Company	Cost-plus contracts — general (two items, \$4,000 and \$9,986)	Noyes Laboratory, Stadium Terrace Area 13 986 00
Kuhne-Simmons Co., Inc.	General	Florida Avenue Residence Halls 2 559 00
Gerhardt F. Meyne Company	Cost-plus contract — general	Hospital Addition, Chicago 9 565 00
Reliable Plumbing and Heating Company	Cost-plus contract — heating and ventilating	Illinois Street Residence Halls 11 000 00
Richardson, Severns, Scheeler and Associates, Inc.	Architect	Civil Engineering Building Phase IIa 9 700 00
<i>Total</i>		<u>\$50 410 00</u>

Summary

Amount to be paid to the University.....	\$4 584 907 00
Amount to be paid by the University.....	57 340 00

This report was received for record.

ANNUAL REPORT OF THE TREASURER

(42) In accordance with the By-Laws of the Board of Trustees, the Treasurer of the University has submitted a report of receipts and disbursements of University funds in his custody for the period March 1, 1966, to February 28, 1967, certified by the Comptroller. A copy of this report was sent to each member of the Board of Trustees prior to today's meeting, and a copy is filed with the Secretary of the Board.

This report was received for record.

INVESTMENT REPORT**Report of the Finance Committee**

(43) The Finance Committee reported the following changes in investments of endowment funds for the month of February, 1967:

Miller

Sale

2 000 shares General American Transportation common stock.... \$ 70 760 50
900 shares Pfizer (Charles) common stock..... 69 357 76

Purchase

\$ 4 000 Commercial Credit open-end demand notes..... 4 000 00
40 000 Missouri Pacific Railroad 4¼ per cent 1st Mtg. 1/1/90.... 31 350 00
1 300 shares Mead Corporation common stock..... 59 039 50
2 700 shares Southern Pacific Company common stock..... 87 973 25

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of February, 1967:

Current Funds

CHICAGO, CITY OF, ESCROW

Purchase

\$78 000 U.S. Treasury bills due 3/23/67.....	\$	77 057 54
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FORD FOUNDATION — INTERNATIONAL PROGRAMS

Purchase

\$50 000 U.S. Treasury 4¾ per cent notes due 5/15/68.....		49 937 50
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RESTRICTED (Chicago Circle)

Purchase

\$356 000 General Motors Acc. Corp. due 4/6/67.....		356 000 00
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40 000 General Motors Acc. Corp. due 10/2/67.....		40 000 00
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RESTRICTED

Purchase

\$ 750 000 Commercial Credit notes due 3/16/67.....		750 000 00
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750 000 CIT Financial notes due 4/17/67.....		750 000 00
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750 000 Ford Motor Credit Corp. notes due 5/15/67.....		750 000 00
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1 000 000 Montgomery Ward Credit notes due 5/29/67.....		1 000 000 00
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1 000 000 General Electric Credit notes due 6/30/67.....		1 000 000 00
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1 000 000 Household Finance Corp. notes due 7/31/67.....		1 000 000 00
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Construction Funds

ASSEMBLY HALL

Sale

\$20 000 U.S. Treasury bills due 3/30/67.....		19 849 39
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FLORIDA AVENUE RESIDENCE HALLS

Purchase

\$250 000 U.S. Treasury bills due 5/18/67.....		247 475 22
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250 000 U.S. Treasury bills due 7/13/67.....		245 617 78
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250 000 U.S. Treasury bills due 8/17/67.....		244 490 00
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500 000 U.S. Treasury bills due 9/30/67.....		486 219 10
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KRANNERT CONTRIBUTIONS

Purchase

\$14 000 Commercial Credit open-end demand notes.....		14 000 00
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12 000 Federal Land Banks 5¾ per cent bonds due 7/20/76.....		12 450 00
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BONDS OF 1963 TRUST (Chicago Circle)

Purchase

\$175 000 U.S. Treasury bills due 2/28/67.....		174 572 22
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UNION (Chicago Circle)

Sale

\$50 000 U.S. Treasury bills due 2/16/67.....		49 912 50
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10 000 U.S. Treasury bills due 2/23/67.....		9 973 75
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18 000 U.S. Treasury bills due 4/20/67.....		17 825 59
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Sinking Funds

ASSEMBLY HALL

Sale

\$4 000 U.S. Treasury bills due 2/28/67.....		3 983 00
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HOUSING REVENUE BONDS

Purchase

\$846 000 U.S. Treasury bills due 3/23/67.....		843 321 98
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ILLINI UNION AND HEALTH CENTER

Purchase

\$104 000 U.S. Treasury bills due 3/16/67.....		103 659 22
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18 000 U.S. Treasury 4¾ per cent notes due 5/15/68.....		17 977 50
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301 000 U.S. Treasury 3¾ per cent bonds due 8/15/68.....		297 613 75
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MEN'S RESIDENCE HALLS OF 1957

Purchase

\$242 000 U.S. Treasury bills due 3/23/67.....	241 221 37
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REVENUE BONDS OF 1956

Purchase

\$14 000 U.S. Treasury bills due 3/23/67.....	13 961 15
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STUDENT SERVICES

Purchase

\$30 000 U.S. Treasury bills due 3/23/67.....	29 903 48
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WOMEN'S RESIDENCE HALLS OF 1956

Purchase

\$41 000 U.S. Treasury bills due 3/23/67.....	40 870 24
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These reports were received for record.

LEASING OF MEMORIAL STADIUM

(44) The Physical Plant Department has recommended the development of a long-range maintenance program for the Memorial Stadium. In order to provide necessary financing for this program as well as the construction of a new press box on the Stadium, the First National Bank of Chicago has agreed to loan the University of Illinois Foundation \$1,000,000 at 3¼ per cent over a ten-year period which will be repaid from payments to be received from the Athletic Association.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Memorial Stadium be leased to the Foundation for a period of fifteen years, lease to terminate when obligations are paid in full. In addition, the Foundation be requested to borrow funds for construction from the First National Bank of Chicago and lease the property back to the University at a rental sufficient to cover the interest, payments on principal, and other related costs to the Foundation.

I concur and recommend adoption of the following resolution.

Resolution Re University of Illinois Memorial Stadium

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized for and in the name of, and on behalf of, this public corporation:

(1) to sign, execute and deliver an agreement with and to University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, hereinafter referred to as "Foundation", which agreement shall provide that this public corporation will lease certain hereinafter described property owned by it in Champaign, Illinois to Foundation; that Foundation will borrow money for the purpose of constructing, and will construct, on said property a New Press Box and perform repair and maintenance work on Memorial Stadium and secure architectural and engineering services in connection therewith; that Foundation will sublease said premises, including the building and facilities thereon, to this public corporation at a rental sufficient to pay Foundation's indebtedness incurred in connection with the construction, repair and maintenance work for said building and facilities; and that upon completion of the repayment of said indebtedness from said rentals title to said property, including all improvements and facilities thereon, shall be vested in this public corporation;

(2) to enter into a lease with Foundation providing for the leasing by this public corporation to Foundation of the following described property, viz:

"Situated in the State of Illinois, the County of Champaign, the City of Champaign, in the SW ¼ of Section 18, Township 19 North, Range 9 East of the Third Principal Meridian, and being a part of Lots 11, 12, and 13 of William Williamson's Subdivision of the West ½ of the SW¼ of said Section 18, and being more fully bounded and described as follows:

"Beginning at a point 21.98 feet distant North of and 416.2 feet distant East of the SW corner of said Section 18; thence Northerly, a distance of 702.3 feet to a corner; thence Easterly a distance of 641.95 feet to a corner; thence Southerly,

a distance of 706.2 feet to a corner; thence Westerly, a distance of 641.31 feet to a place of beginning, containing 10.378 acres, more or less,"

for a term of, fifteen years commencing on the first day of June A.D. 1967, and extending to and including the 31st day of May A.D. 1982, or until the indebtedness incurred by Foundation in connection with the construction on and repair of said building and facilities has been paid and liquidated, whichever shall first occur; in consideration of Foundation's constructing thereon a New Press Box at Memorial Stadium pursuant to plans and specifications therefor as now on file in the office of the University Architect of this public corporation and for which bids have been received, and in consideration of Foundation's securing architectural and engineering services for, and the performing of necessary structure repair and maintenance work on Memorial Stadium, and in consideration of Foundation's subleasing said premises and the building and facilities thereon to this public corporation upon the terms and conditions hereinafter set forth; and providing further that in the event this public corporation should become in default under the terms of said sublease or fail to exercise any option for renewal of the term of said sublease under the terms and conditions therein set forth that thereupon Foundation shall have the full and unrestricted right to the use and possession of said premises and the building and facilities thereon for the remainder of the original term of said lease and the right to assign said lease or sublet said premises with the building and facilities thereon to others for the remainder of the original fifteen year term of said lease;

(3) to enter into a sublease agreement with Foundation providing for the subleasing by Foundation to this public corporation of said premises including the building and facilities thereon, under which sublease this public corporation will agree to pay a rental sufficient to meet all current installment payments becoming due and required to be paid by Foundation during the term of said sublease on Foundation's indebtedness incurred in connection with the construction on and repair of said building and facilities; said sublease to run from the date of the closing of Foundation's permanent loan secured for the financing of said improvements and extend to June 30 of the first subsequent odd-numbered year thereafter, and which permanent loan it is contemplated will be repayable in forty quarterly installments of approximately Twenty-nine Thousand Four Hundred Dollars (\$29,400.00) each (which includes interest at an effective net interest rate of $3\frac{1}{4}$ per cent due each quarter on the unpaid balance); and which sublease shall contain options giving to this public corporation the right to renew said sublease for successive two year periods from July 1 of each odd-numbered year to June 30 of the next succeeding odd-numbered year by giving written notice to Foundation between the first and fifteenth day of July in each year when such renewal is to be made, until said sublease is finally terminated by the payment and liquidation of the above mentioned indebtedness;

(4) to commit this public corporation to act as agent for Foundation in the supervision of construction and administration of contracts therefor and change orders thereto, and the administration and service of said indebtedness, and in making payments of and disbursements from and of funds made available by the creditor of Foundation for the purpose of said construction, repair, and acquisition of facilities and services;

(5) to enter into an agreement with The Athletic Association of the University of Illinois, a not-for-profit corporation of the State of Illinois, providing for the operation of Memorial Stadium at a rental or operating charge sufficient in amount to provide for the amortization of said Foundation indebtedness; and

(6) to sign, execute, acknowledge and deliver any and all other documents and instruments deemed necessary or desirable by said Comptroller and said Secretary to accomplish the purposes herein set forth.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

SALE OF PROPERTY

(45) The late E. G. Woods, an alumnus of the University of Illinois, Class of 1931, of Manatee County, Florida, bequeathed to the University of Illinois his

residuary estate, including title to 37.9 acres of land in Manatee County, Florida. The University has now received an offer to purchase this property on behalf of Mr. Phillip Salvatori.

The purchase price would be \$60,000 payable as follows: \$1,500 held as binder; a balance of \$18,500 due within thirty days of signing a contract; the balance of \$40,000 payable in five equal annual installments with interest at the rate of 6 per cent per annum to be secured by a first mortgage containing a provision for a partial release (eastern half of the property) from the mortgage when \$10,000 of principal has been paid.

The 37.9 acres was originally appraised and inventoried at \$62,500 or \$1,650 per acre, but the offer of \$60,000 on the terms set out above represents the best offer to date.

The Vice-President and Comptroller recommends that sale of the property be approved and that he be authorized to enter into and execute a contract on the terms described for the sale of the 37.9 acres.

I concur.

On motion of Dr. Weatherly, this recommendation was approved and authority was given as requested by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations, declinations, and terminations; leaves of absence; cancellation of sabbatical leave of absence; retirement.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was approved by the President of the University. C = College; S = Station; E = Extension.)

Chicago Circle

- LEON N. BLAIR, Associate Professor of General Engineering, indefinite tenure, and Acting Head, Department of Systems Engineering, winter and spring quarters, \$12,500 a year, supersedes (2-14-67).
- WILLIAM DEFOTIS, Assistant to the Dean of the College of Engineering, and Assistant Professor of General Engineering, winter and spring quarters 1966-67, \$8,750 a year, supersedes (2-16-67).
- WILLIAM J. DUNNE, Assistant Professor of Management, indefinite tenure from January 1, 1967, academic year service basis, \$12,700 a year, supersedes (3-16-67).
- MRS. EDITH GOLD, Assistant Professor of English, winter and spring quarters 1966-67, \$8,400 a year, supersedes (2-24-67).
- PAUL C. GREENE, Professor of Psychology, indefinite tenure from January 1, 1967, \$14,200 a year, supersedes (2-20-67).
- IAN M. HACKING, Visiting Lecturer in Philosophy, spring quarter 1966-67, \$4,300 (2-28-67).
- DONALD D. HEDBERG, Instructor in Chemistry, ½ time, winter and spring quarters 1966-67, \$2,467, supersedes (2-7-67).
- MELVIN G. HOLLI, Assistant Professor of History, academic year service basis, effective December 16, 1966, \$9,000 a year, supersedes (3-13-67).
- WILLIS C. JACKMAN, Assistant Professor of English, ½ time, and Acting Director of University Honors Programs, ½ time, winter quarter 1966-67, and Assistant Professor of English, ½ time, and Acting Director of University Honors Programs, ¾ time, spring quarter 1966-67, \$11,550 a year, supersedes (2-9-67).
- CHRISTOPHER JEHN, Instructor in Economics, ½ time, winter quarter 1966-67, \$1,000 (2-24-67).
- (MR.) LYN D. PANKOFF, Instructor in Economics, ¾ time, winter quarter 1966-67, \$2,000 (3-2-67).

- BOMMATANAHALLI RAMA RAO, Visiting Lecturer in Geology, winter and spring quarters 1966-67, \$6,000 (2-21-67).
- WALTER B. ROE, Instructor in Geology, winter and spring quarters 1966-67, \$4,534, supersedes (1-24-67).
- RADHAKRISHNAN SELVARAJAN, Postdoctoral Research Associate in Chemistry, ten months from November 1, 1966, \$7,000 a year, supersedes (3-7-67).
- SUSAN E. SPRUTH, Instructor in German, academic year 1967-68, \$7,000 (2-22-67).
- MRS. HARRIET TALMAGE, Instructor in Education, spring quarter 1966-67, \$750 a month, supersedes (3-7-67).
- MRS. THETA H. WOLF, Lecturer in Psychology, $\frac{1}{2}$ time, winter and spring quarters, 1966-67, \$5,000 a year (2-21-67).

Medical Center

- JAMES V. APOSTOL, Physician in the Health Service, $\frac{1}{5}$ time, February 15-August 31, 1967, \$3,800 a year (2-11-67).
- ROSALIND D. CARTWRIGHT, Professor of Psychology, Department of Psychiatry, College of Medicine, indefinite tenure from September 1, 1966, \$16,000 a year; and Professor of Psychology, Chicago Circle, one year from September 1, 1966, without salary, supersedes (12-12-66).
- NEIL S. CHERNIACK, Clinical Assistant Professor of Medicine, College of Medicine, July 1, 1967-August 31, 1968, without salary, supersedes appointment with salary (3-21-67).
- CHARLES R. FARRA, Instructor in Medicine, College of Medicine, 45/100 time, six months from January 1, 1967, \$3,300 a year (2-20-67).
- ARTHUR GRIMM, Associate Professor of Histology, College of Dentistry, for one year from January 1, 1967, \$15,500. This is in addition to his appointments, without salary, as Associate Professor of Histology, College of Dentistry, and Associate Professor of Physiology, College of Medicine, on indefinite tenure (2-21-67).
- JEAN A. KILBRIDGE, Research Associate in Preventive Medicine and Community Health, College of Medicine, \$11,850 a year, effective April 1, 1967, supersedes (3-15-67).
- HELENE KROLKIEWICZ, Instructor in Pathology, College of Medicine, eight months from January 1, 1967, \$7,000 a year (2-20-67).
- PAULINE LEE, Research Associate in Biological Chemistry, College of Medicine, $\frac{1}{2}$ time, seven months from February 1, 1967, \$4,800 a year (3-13-67).
- KASHEED MOHAMMED, Research Associate in Pharmacy, College of Pharmacy, February 20-August 31, 1967, \$7,000 a year (3-7-67).
- CHANDRAHANT V. SHAH, Research Associate in Pediatrics, College of Medicine, seven months from February 1, 1967, without salary, supersedes his appointment with salary (2-14-67).
- ANNA M. WIELAND, Research Associate in Preventive Medicine and Community Health, College of Medicine, \$12,150 a year, effective April 1, 1962, supersedes (3-15-67).

Urbana

- JOHN W. ALLEN, Research Associate in the Bureau of Economic and Business Research, February 1-June 15, 1967, \$4,125.01, supersedes (2-22-67).
- MARTHA ALY, Assistant Professor of Physical Education for Women, Summer Session of 1967, $\frac{3}{4}$ time, June 19-August 12, 1967, supersedes, \$1,409.
- MRS. JACQUELINE ANDERSON, Instructor in Home Economics (C), $\frac{2}{5}$ time, Semester II 1966-67, \$1,220 (2-20-67).
- MRS. FOROUGH Z. M. ARCHER, Research Associate in the Institute of Communications Research and in Psychology, February 1, 1967-August 31, 1967, \$8,000 a year (1-28-67).
- ROBERT S. BADER, Professor of Zoology, Summer Session of 1967, $\frac{1}{2}$ time, June 19-August 12, 1967, \$1,556, supersedes (2-28-67).
- V LEWIS BASSIE, Professor of Economics, indefinite tenure, and Director of the Bureau of Economic and Business Research, \$21,000 a year, effective March 1, 1967, supersedes (2-27-67).
- JAMES W. BAYNE, Associate Professor of Mechanical and Industrial Engineering, Summer Session of 1967, $\frac{3}{4}$ time, June 19-August 12, 1967, \$2,167, supersedes (3-13-67).

- SIDNEY W. BIJOU, Professor of Psychology and in the Institute for Research on Exceptional Children, indefinite tenure, academic year basis effective September 1, 1966, \$20,500 a year, supersedes (11-23-66).
- DONALD C. BOND, Associate Professor of Petroleum Engineering (C), eight months from January 1, 1967, without salary (2-25-67).
- FRODE BRAMSNAES, Visiting Scientist in Food Science (S), four months from March 15, 1967, without salary (1-16-67).
- ROYALL BRANDIS, Professor of Economics, College of Commerce and Business Administration, indefinite tenure, academic year basis, \$16,000 a year, effective March 1, 1967, supersedes (2-27-67).
- WILLS N. BRUCE, Professor of Agricultural Entomology (S), one year from September 1, 1966, without salary (5-23-66).
- WILLIAM J. BURKE, Research Associate in Physics and in the Materials Research Laboratory (C), March 16-August 31, 1967, \$750 a month (3-2-67).
- OLOF CEDER, Visiting Lecturer in the Department of Chemistry and Chemical Engineering, Summer Session of 1967, June 19-August 12, 1967, \$3,000 (2-13-67).
- PAUL CHEESEMAN, Research Associate in Microbiology, six months from March 1, 1967, \$6,600 a year (2-16-67).
- ALYCE T. CHESKA, Professor of Physical Education for Women and Head of the Department, Summer Session of 1967, June 19-August 12, 1967, \$3,223 (3-3-67).
- IGOR CHINNOV, Visiting Lecturer in the Department of Slavic Languages and Literatures, Summer Session of 1967, June 19-August 12, 1967, \$2,445 (2-28-67).
- MRS. JULIE C. H. CHU, Research Programmer in Computer Science, six months from March 1, 1967, \$8,500 a year; and for one year from September 1, 1967, \$8,500 (2-21-67).
- MRS. CAROL M. CICERONE, Research Programmer in Computer Science, seven months from February 1, 1967, \$8,000 a year (3-15-67).
- HECTOR M. CLARK, Research Associate in Metallurgy (C), four months from May 1, 1967, \$8,500 a year (1-23-67).
- STEPHEN P. COHEN, Assistant Professor of Political Science and of Asian Studies, Semester II 1966-67, \$8,900 a year, supersedes (2-16-67); and Assistant Professor of Political Science, Summer Session of 1967, June 19-August 12, 1967, \$1,978, supersedes (3-17-67).
- EDWARD E. COLE, JR., Coordinator, Music Communications, School of Music, June 1, 1967-August 31, 1968, \$12,350 a year (3-15-67).
- MRS. BARBARA M. CONANT, Instructor in Library Science, Graduate School of Library Science, Semester I 1966-67, \$3,250, and for five months from February 1, 1967, \$8,600 a year, supersedes (1-28-67).
- RICHARD L. COOPER, Associate Professor of Plant Breeding and Genetics, Department of Agronomy (S), six months from March 1, 1967, without salary (3-7-67).
- CHARLES F. DAIGH, Assistant Professor of Secondary and Continuing Education, College of Education, Semester II 1966-67, \$9,000 a year, supersedes (2-24-67).
- DONALD A. DAVIS, Visiting Lecturer in Educational Psychology, Summer Session of 1967, June 19-August 12, 1967, \$3,000 (2-20-67).
- MORRIS DAVIS, Associate Professor of Political Science, Summer Session of 1967, June 19-August 12, 1967, \$2,889 (2-13-67).
- ARIE DE KOK, Research Associate in Chemistry, six months from March 1, 1967, \$7,000 a year (3-17-67).
- LAWRENCE A. DUNN, Research Programmer in Computer Science, one year from September 1, 1967, \$9,600 (2-12-67).
- JUDITH A. EAKIN, Assistant Research Chemist in the Materials Research Laboratory (C), one year from September 1, 1967, \$7,200 (3-15-67).
- INGE K. ERNST, Visiting Research Associate in the Water Resources Center, Graduate College, ½ time, February 20-May 31, 1967, \$1,328.57 (2-22-67).
- T. JOSEPH FAGGETTI, Adviser-Extension Demonstration and Training, Campus Office, Agency for International Development Projects, one month from January 1, 1967, \$12,750 a year, and Adviser-Extension Demonstration and Training for service at the Uttar Pradesh Agricultural University, Pant Nagar, India, for service under Contract No. USAID/nesa-150, March 1, 1967-February 29, 1969, \$14,025 a year (2-11-67).

- DAVID N. FARNSWORTH, Visiting Lecturer in Political Science, Summer Session of 1967, June 19-August 12, 1967, \$2,700 (2-13-67).
- MRS. MARY L. FILBEY, Assistant Dean of Women, February 1-June 15, 1967, \$638.89 a month (2-21-67).
- MRS. ANGELA T. FOLSOM, Consultant, with rank of Assistant Professor, in Psychology, $\frac{1}{2}$ time, six months from March 1, 1967, \$1,500, supersedes her previous appointment without salary (3-15-67).
- DAVID M. GARDNER, Assistant Professor of Marketing, Summer Session of 1967, June 19-August 12, 1967, \$2,223, supersedes (2-16-67).
- FRANCISCO A. GERMANO, Research Associate in Physics (C), six months from March 1, 1967, \$9,000 a year (3-17-67).
- SAMUEL M. GILLESPIE, Instructor and Counselor, Business Administration, in the College of Commerce and Business Administration, $\frac{2}{3}$ time, Semester II 1966-67, \$1,900 (2-14-67).
- JOSEPH R. GUSFIELD, Professor of Sociology, $\frac{2}{3}$ time, \$5,600, and Professor of Industrial Relations, $\frac{1}{3}$ time, \$2,800, Semester II 1966-67, total salary \$8,400, and Professor of Sociology, indefinite tenure from September 1, 1967, supersedes (2-20-67).
- DAVID W. HALSTED, Clinical Counselor, with rank of Assistant Professor, in the Student Counseling Service, eight months from January 1, 1967, \$10,500 a year, supersedes (2-20-67).
- HAROLD W. HANNAH, Professor of Agricultural Law, Department of Agricultural Economics, Summer Session of 1967, June 19-July 15, 1967, \$2,067 (3-2-67).
- JESSIE E. HEATHMAN, Associate Professor of Agricultural Communications and Extension Radio-Television Specialist (E), indefinite tenure from January 1, 1967, \$11,600 a year, supersedes (1-9-67).
- EUGENE F. HEBRANK, Professor of Mechanical and Industrial Engineering, Summer Session of 1967, $\frac{1}{2}$ time, June 19-August 12, 1967, \$1,667, supersedes (3-15-67).
- MICHAEL F. HETTINGER, Specialist in Education, in the Curriculum Laboratory, June 26-August 18, 1967, \$1,600 (3-17-67).
- PHYLLIS J. HILL, Associate Professor of Physical Education for Women, College of Physical Education, $\frac{9}{10}$ time, \$9,450, and Counselor, Teacher Education, College of Education, $\frac{1}{10}$ time, \$1,050, academic year basis, effective October 1, 1966, total salary \$10,500 a year, supersedes (2-21-67).
- ALFONS G. HOEGER, Instructor in the Department of Germanic Languages and Literatures, February 1-June 15, 1967, \$3,500 (2-20-67).
- ROBERT HOGENRAAD, Research Associate in the Institute of Communications Research, College of Journalism and Communications, $\frac{1}{2}$ time, seven months from February 1, 1967, \$3,600 a year (2-22-67).
- RONALD F. HOLLER, Visiting Lecturer in Educational Psychology, Summer Session of 1967, June 19-August 12, 1967, \$2,117 (3-13-67).
- HELLFRIED P. HOLZER, Professor of Accountancy, Graduate School of Business Administration, Summer Session of 1967, June 19-August 12, 1967, \$3,334 (2-16-67).
- PAUL K. HUDSON, Associate Professor of Electrical Engineering (C), Semester II 1966-67, \$13,100 a year, supersedes (2-16-67).
- JAMES R. HURT, Assistant Professor of English, Summer Session of 1967, June 19-August 12, 1967, \$2,045, supersedes (2-13-67).
- DARKO JAMNIK, Visiting Research Associate Professor of Physics (C), seven months from March 1, 1967, \$925 a month (3-7-67).
- MRS. YAMUNA KACHERU, Assistant Professor of Linguistics and of English, $\frac{3}{4}$ time, February 1-June 15, 1967, \$2,850 (2-20-67).
- MRS. LUBITSA N. KATZ, Instructor in English, Semester II 1966-67, \$3,800 (2-22-67).
- GERALD I. KERLEY, Research Associate in Chemistry, one month from February 1, 1967, \$550 (3-7-67).
- KENETH KINNAMON, Assistant Professor of English, Summer Session of 1967, June 19-August 12, 1967, \$1,912, supersedes (2-13-67).
- ALBERT J. KOLTVEIT, Instructor in Veterinary Extension, in the Department of Veterinary Pathology and Hygiene, College of Veterinary Medicine, in the Extension Service in Agriculture and Home Economics, and in the Division of University Extension, seven months from February 1, 1967, \$11,000 a year (3-7-67).

- KENNETH T. KOSTAL, Instructor in Architecture, Semester II 1966-67, \$3,600 (2-22-67).
- RONALD W. LANDGRAF, Research Associate in Theoretical and Applied Mechanics (C), seven months from February 1, 1967, \$4,480, supersedes (2-1-67).
- BETH LANDIS, Visiting Lecturer in Music, Summer Session of 1967, June 26-July 1, 1967, \$500 (2-16-67).
- ROBERT M. LANSFORD, Research Associate in Computer Science, six months from March 1, 1967, \$9,500 a year (3-7-67).
- SHUNG-WU LEE, Assistant Professor of Electrical Engineering (C), seven months from February 1, 1967, \$11,800 a year, supersedes (3-3-67).
- GENE H. LEICHNER, Associate Professor of Electrical Engineering (C), 17/100 time, Semester II 1966-67, \$2,000, supersedes (2-20-67).
- MRS. RUTH M. LEWIS, Research Associate in Anthropology, 1/2 time, eight months from January 1, 1967, \$3,500 a year (3-15-67).
- MRS. KYOON HAENG CHOH LIE, Research Associate in Physics (C), five months from March 1, 1967, \$3,500 (2-22-67).
- DOROTHY A. LITHERLAND, Professor of Accountancy, Summer Session of 1967, June 19-August 12, 1967, \$4,223 (2-16-67).
- EMORY F. LUCK, Instructor in Physical Education for Men, Summer Session of 1967, 3/4 time, June 19-August 12, 1967, \$1,267, supersedes previous Summer Session appointment on 42/100 time (2-20-67).
- EMIL C. MARCUSIU, Associate Agronomist, Department of Agronomy (S), six months from March 1, 1967, \$9,000 a year, supersedes his nonacademic appointment (2-28-67).
- JOHN C. MCGREGOR, Professor of Anthropology, Summer Session of 1967, June 19-August 12, 1967, \$3,412 (3-15-67).
- DEAN C. MCKEE, Research Associate in Theoretical and Applied Mechanics (C), 3/4 time, three months from January 1, 1967, \$1,500, supersedes (2-6-67).
- RAJ KRISHAN MEHTA, Instructor in Veterinary Research, College of Agriculture, 1/3 time, seven months from February 1, 1967, \$1,750 (3-8-67).
- RONALD H. MEYER, Assistant Professor of Agricultural Entomology (S), one year from September 1, 1966, without salary (5-23-66).
- JOHN C. MILES, Professor of Mechanical and Industrial Engineering, Summer Session of 1967, June 19-August 12, 1967, \$2,823 (3-15-67).
- DONALD J. MINEHART, Adviser in Land and Water Use at the Uttar Pradesh Agricultural University, Pant Nagar, India, for service under Contract USAID/nesa-150, two years from March 7, 1967, \$14,550 a year (3-13-67).
- KARTICK C. MUKHERJEE, Visiting Lecturer in the Department of History and Philosophy of Education, Summer Session of 1967, June 19-August 12, 1967, \$2,000 (3-13-67).
- GRACE C. NASH, Visiting Lecturer in Music, Summer Session of 1967, July 24-July 29, 1967, \$500 (2-16-67).
- HOWARD C. NELSON, Assistant Professor of General Engineering (C), nine months from September 16, 1966, \$7,800, supersedes (2-27-67).
- ELWOOD F. OLVER, Professor of Agricultural Engineering, on indefinite tenure, and Assistant Dean of the College of Agriculture for seven months, from February 1, 1967, \$16,900 a year, supersedes (3-7-67).
- JOSEPH C. H. PARK, Research Associate in Physics (C), six months from March 1, 1967, \$8,500 a year (3-13-67).
- KANTILAL S. PATEL, Research Associate in Chemistry, February 16-August 31, 1967, \$7,800 a year (2-1-67).
- ROBERT E. PINGRY, Professor of Secondary and Continuing Education, Summer Session of 1967, 1/2 time, June 19-August 12, 1967, \$1,667 (2-28-67).
- JEAN PRANINSKAS, Assistant Professor of English, 1/3 time, Semester II 1966-67, \$1,667 (2-22-67).
- HOYLE B. PUCKETT, Associate Professor of Agricultural Engineering (C), seven months from February 1, 1967, without salary, supersedes his appointment as Collaborator with the College of Agriculture (2-4-67).
- JOHN PULLIAM, Visiting Lecturer in the Department of History and Philosophy of Education, Summer Session of 1967, June 19-August 12, 1967, \$2,500 (3-13-67).

- ISABELLE S. PURNELL, Extension Specialist in Special Programs and Research, Division of University Extension, March 15-August 31, 1967, \$7,860, supersedes her nonacademic appointment (3-15-67).
- ROBERT K. RAY, Assistant Professor of Art, Summer Session of 1967, $\frac{2}{3}$ time, June 19-August 12, 1967, \$1,186 (2-28-67).
- ANN C. RIGGINS, Editor of Engineering Publications (C), \$6,500 a year, effective March 1, 1967, supersedes (3-7-67).
- PHILIP E. ROGERS, Instructor in English, $\frac{2}{3}$ time, Semester II 1966-67, \$1,800, supersedes (2-8-67).
- JOHN R. ROMANS, Assistant Professor of Animal Science (C and S), seven months from February 1, 1967, \$10,600 a year, supersedes (2-22-67).
- HOLLIS F. RYAN, Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, five months from September 1, 1966, \$2,083.35, and $\frac{1}{4}$ time, Semester I 1966-67, \$681.78, and full time for seven months from February 1, 1967, \$3,888.85, supersedes (2-14-67).
- MRS. MURIEL SCHEINMAN, Visiting Instructor in Art, $\frac{1}{2}$ time, Semester II 1966-67, \$2,000 (2-25-67).
- PAUL T. SCHICKEDANZ, Research Associate in the State Water Survey and in the Graduate College, March 20-June 30, 1967, \$12,000 a year, supersedes (3-13-67).
- DANKWARD SCHMID, Research Associate in Physics and in the Materials Research Laboratory (C), one year from September 1, 1967, \$9,000 (2-7-67).
- KLAUS A. SCHNEEWIND, Research Associate in Psychology, February 24, 1967-January 31, 1968, \$7,700 a year (3-7-67).
- DONALD F. SCHOENEWEISS, Assistant Professor of Plant Pathology (C), seven months from February 1, 1967, without salary (2-7-67).
- RAINER SELL, Instructor in the Department of Germanic Languages and Literatures, Summer Session of 1967, June 19-August 12, 1967, \$1,556 (2-20-67).
- JOHN E. SEVERNS, Visiting Critic in Urban Planning, February 27-March 24, 1967, \$1,200 (3-15-67).
- DEMETRIOS SGOUTAS, Assistant Professor of Food Science (S), \$10,400 a year, effective April 1, 1967, supersedes (3-15-67).
- MICHAEL SHAPIRO, Assistant Professor of English, Summer Session of 1967, June 19-August 12, 1967, \$2,000 (3-17-67).
- GRACE E. SHOPE, Instructor in Library Science, Graduate School of Library Science, $\frac{1}{2}$ time, Semester II 1966-67, and for seven months from February 1, 1967, $\frac{1}{2}$ time, \$3,275, supersedes (2-22-67).
- JACK A. SIMON, Associate Professor of Mining Engineering (C), eight months from January 1, 1967, without salary (2-25-67).
- ROZELLA B. SMITH, Research Associate in the Curriculum Laboratory, College of Education, Semester II 1966-67, \$3,600 (2-22-67).
- JAMES E. SNODDY, Instructor in Elementary Education, College of Education, February 1-June 15, 1967, \$3,600 (2-22-67).
- JOBIE D. SPENCER, Research Engineer in Botany, eight months from January 1, 1967, \$7,950 a year (12-17-67).
- EARL W. STARK, Assistant Professor of Speech and Theatre, Summer Session of 1967, June 19-August 12, 1967, \$2,267, supersedes (3-15-67).
- DONALD C. STEWART, Assistant Professor of English, Summer Session of 1967, June 19-August 12, 1967, \$1,912, supersedes (2-13-67).
- RUSSELL D. STINAFF, Instructor in Electrical Engineering (C), Semester II 1966-67, \$1,866.60, supersedes (3-9-67).
- MRS. CLAIRE L. O. SZOKE, Instructor in Spanish, $\frac{2}{3}$ time, Semester II 1966-67, \$1,833, supersedes (2-20-67).
- NICHOLAS M. TEMPERLEY, Visiting Lecturer in Music, academic year 1967-68, \$12,000 (3-15-67).
- LUDWIG TEWORDT, Visiting Research Professor of Physics and in the Materials Research Laboratory (C), six months from October 1, 1967, \$12,000 (2-20-67).
- ROBERT E. THOMAS, Associate Professor of Music, Summer Session of 1967, July 31-August 12, 1967, \$620 (2-16-67).
- ANSON E. THOMPSON, Consultant-Research Administration, at the Uttar Pradesh Agricultural University, Pant Nagar, India, for service under Contract USAID/nesa-150, February 26-April 16, 1967, \$18,480 a year; and Assistant

- Director of the Agricultural Experiment Station, April 17-August 31, 1967, and Professor of Plant Genetics, indefinite tenure from April 17, 1967, \$16,800 a year, supersedes (3-16-67).
- JAMES R. VAN HISE, Visiting Lecturer in the Department of Chemistry and Chemical Engineering, Summer Session of 1967, June 19-August 12, 1967, \$2,600 (2-13-67).
- GRAHAM M. VAUGHAN, Visiting Assistant Professor of Psychology, ½ time, February 1-June 15, 1967, \$2,100, supersedes (2-20-67).
- WALTER J. WARD, JR., Visiting Lecturer in Anthropology, ½ time, and in Sociology, ½ time, Summer Session of 1967, June 20-August 11, 1967, \$2,500 (2-16-67).
- ROBERT J. WEBB, Adviser in Dairy Science at the Uttar Pradesh Agricultural University, Pant Nagar, India, for service under Contract USAID/nesa-150, three months from February 28, 1967, \$18,865 a year; and Professor of Animal Science Extension, on indefinite tenure; Assistant Director of the Agricultural Experiment Station and Superintendent of Extension Programs at Dixon Springs Agricultural Center (S and E), May 28, 1967-August 31, 1967, \$17,150 a year, supersedes (3-13-67).
- MRS. TAM-THI-DANG WEI, Instructor in Child Development, Department of Home Economics (C), Semester II 1966-67, \$3,000 (2-21-67).
- RICHARD A. WELLS, Research Programmer in Computer Science, March 15-August 31, 1967, \$9,000 a year, and for one year from September 1, 1967, \$9,000 (2-21-67).
- JOHN F. WILKINSON, Visiting Lecturer in Chemistry, February 27-April 15, 1967, \$4,000 (3-7-67).
- WALLACE H. WILSON, Research Associate in the Survey Research Laboratory, six months from March 1, 1967, \$11,500 a year, supersedes (3-7-67).
- SHARON WOLFE, Research Associate in the Institute of Communications Research, College of Journalism and Communications, six months from March 1, 1967, \$4,900 (2-22-67).
- JERALD J. WRAY, Research Physicist (C), eight months from January 1, 1967, \$9,000 a year (1-23-67).

DECLINATIONS, RESIGNATIONS, AND TERMINATIONS

Chicago Circle

- ERIC DRAKE, Assistant Professor of Physics—termination effective September 1, 1967.
- OLIVER B. FULMER, Assistant Professor of English—resignation effective September 1, 1966.
- LOUISE R. MILLER, Instructor in German—resignation effective September 1, 1967.
- VERNON A. MILLER, Instructor in German—resignation effective September 1, 1967.
- ANNE S. MORRIS, Instructor in Physics—termination effective September 1, 1967.
- JAMES L. RICE, Instructor in Russian—resignation effective September 1, 1967.
- PINKNEY C. SMITH, Instructor in History—resignation effective September 1, 1967.
- DAGNY SODERBERG, Instructor in German—resignation effective September 1, 1967.
- CLAIRE WILSON, Instructor in Sociology—resignation effective May 1, 1967.

Medical Center

- ELWINA A. BEJNAROWICZ, Instructor in Pharmacognosy, Department of Pharmacognosy and Pharmacology, College of Pharmacy—resignation effective September 1, 1967.
- JOHN R. HARTMAN, Clinical Assistant Professor of Radiology, College of Medicine—resignation effective April 1, 1967.
- ALETHA KOWITZ, Circulation and Reference Librarian with rank of Instructor—resignation effective March 25, 1967.
- MRS. SANDRA J. WALLING, Instructor in Medical Social Work and in the Division of Services for Crippled Children—resignation effective March 24, 1967.

Urbana

- WILLIAM R. ABEL, Research Associate in Physics—resignation effective March 1, 1967.
- WILLIAM J. BARON, Assistant Professor of Art, Summer Session of 1967—resignation effective June 19, 1967.
- H. DARRELL BLUE, Instructor in Radio and Television—termination effective September 1, 1967.
- ROBERT B. BRADBURY, Research Associate in Chemistry—resignation effective April 17, 1967.
- JAMES W. CARLIN, Instructor in Electrical Engineering—resignation effective February 1, 1967.
- FRANK COSTIN, Professor of Psychology, Summer Session of 1967—resignation effective June 19, 1967.
- JOHN C. DEFRIES, Associate Professor of Genetics, Department of Dairy Science—resignation effective September 1, 1967.
- MRS. KATHLEEN DRAPER, Cataloger with rank of Instructor in the Library—resignation effective April 10, 1967.
- NORMAN A. GRAEBNER, Professor of History—resignation effective September 1, 1967.
- REBECCA G. HOHN, Instructor in English, Summer Session of 1967—declination effective June 19, 1967.
- ANDREW HUGHES, Assistant Professor of Music—resignation effective September 1, 1967.
- OLIVER L. HURLEY, Assistant Professor of Special Education and in the Institute for Research on Exceptional Children—resignation effective September 1, 1967.
- EDWIN JAHIEL, Associate Professor of French, Summer Session of 1967—declination effective June 19, 1967.
- CHARLES J. KLEINSTEUBER, Associate Professor of Music—resignation effective September 1, 1967.
- RICHARD E. LOONEY, Instructor in the Institute of Aviation—resignation effective June 16, 1967.
- MOHAMED F. MADKOUR, Assistant Professor of Civil Engineering—resignation effective September 1, 1967.
- CHARLES H. MADSEN, JR., Research Assistant Professor of Psychology, College of Liberal Arts and Sciences, and of Special Education, College of Education—resignation effective September 1, 1967.
- BRUCE G. MCEWEN, Academic Coordinator in Extension in International Affairs, Division of University Extension—resignation effective March 11, 1967.
- DONALD J. NOLAN, Instructor in French—resignation effective March 1, 1967.
- WYNDHAM J. ROBERTS, Research Associate in the State Water Survey in the Graduate College—resignation effective March 1, 1967.
- SIDNEY ROSEN, Professor of Physical Science, Division of General Studies, Summer Session of 1967—resignation effective June 19, 1967.
- WILLIAM J. SCHILL, Associate Professor of Vocational and Technical Education—resignation effective September 1, 1967.
- WEBSTER L. SMALLEY, Associate Professor of Speech, Summer Session of 1967—declination effective June 19, 1967.
- CHARLES F. THOITS III, Research Associate in the State Natural History Survey in the Graduate College—resignation effective March 16, 1967.
- RUDOLPH J. VECOLI, Associate Professor of History—resignation effective September 1, 1967.
- RAY L. WATTERSON, Professor of Zoology, Summer Session of 1967—resignation effective June 19, 1967.
- GERALD I. WEBER, Assistant Professor of Economics—resignation effective September 1, 1967.
- JOHN C. WHEATLEY, Professor of Physics—resignation effective May 21, 1967.
- FELIX WIEDENMAYER, Research Associate in Geology—resignation effective September 1, 1967.
- DOUGLAS E. WISEMAN, Research Assistant Professor of Special Education and in the Institute for Research on Exceptional Children, College of Education,

and in the Children's Research Center, Graduate College—resignation effective September 1, 1967.

SHU-YAU WU, Research Associate in Electrical Engineering—resignation effective April 11, 1967.

J. ELTON ZIMMERMAN, Assistant Professor of Animal Science—resignation effective April 1, 1967.

LEAVES OF ABSENCE

Chicago Circle

HOWARD M. BERS, Assistant Dean of Men—leave of absence, without pay, for six months from January 17, 1967, to serve on active duty with the United States Army as a National Guardsman.

MRS. CAROLYN A. EDIE, Associate Professor of History—leave of absence, without pay, for the spring quarter 1967, so that she may complete her research work in England.

MRS. MARY E. CONROY, Assistant Professor of History—leave of absence, without pay, for the spring quarter 1966-67.

ALAN McCONNELL, Assistant Professor of Mathematics—leave of absence, without pay, for the academic year 1967-68, so that he may teach at the Royal Holloway College, University of London.

REUBEN SANDLER, Associate Professor of Mathematics—leave of absence, without pay, for the academic year 1967-68, so that he may teach at the University of Hawaii.

JOHN M. VICKERS, Assistant Professor of Philosophy—leave of absence, without pay, for the winter and spring quarters 1966-67, to teach at the University of California, at Irvine.

Medical Center

RIMANTAS BAKAITIS, Staff Pharmacist, College of Pharmacy—leave of absence for military service, without pay, beginning December 1, 1966.

Urbana

JAMES L. CAMPBELL, Assistant Professor of Music—leave of absence, without pay, for the academic year 1967-68, so that he may accept an appointment at the University of California at San Diego.

ERNEST A. CONNALLY, Professor of Architecture and Associate Member of the Center for Advanced Study—leave of absence from September 1, 1967, through August 31, 1969, without pay, so that he may accept an appointment as the first Chief of the Office of Archaeology and Historic Preservation in the National Park Service.

DAVID O. MATTHEWS, Professor of Physical Education for Men and Director of Intramural Activities—leave of absence, with pay, from July 17 through July 31, 1967, to conduct a series of intramural clinics for the Air Force and Army in Hawaii, South Vietnam, Thailand, Okinawa, Japan, and Korea.

ROBERT K. MAUTZ, Professor of Accountancy—leave of absence, without pay, for Semester I 1967-68, to complete a research study for the Financial Executives Research Foundation, Inc.

DAVID E. WHISNANT, Assistant Professor of English—leave of absence, without pay, for the academic year 1967-68, to accept a Teaching Residency award from the National Foundation on the Arts and Humanities.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE

Chicago Circle

MILTON RAKOVE, Associate Professor of Political Science—sabbatical leave of absence granted him for the second half of the academic year 1966-67, on full pay, is cancelled without prejudice.

RETIREMENT

DOUGLAS R. MILLS, Professor of Physical Education for Men—retirement effective September 1, 1967.

REPORTS AND RECOMMENDATIONS FROM THE
PRESIDENT OF THE BOARD

**ELECTION TO THE BOARD OF TRUSTEES OF THE
UNIVERSITIES RETIREMENT SYSTEM**

President Johnston announced that there is a vacancy in the representation from the Board of Trustees of the University on the Board of Trustees of the Universities Retirement System of Illinois and called for an election.

On motion of Mr. Hughes, Mr. Grimes was unanimously elected as a member of the Board of Trustees of the Universities Retirement System of Illinois. The other previously elected representatives are Mr. Hughes and Mr. Jones.

CIVIL SERVICE MERIT BOARD

President Johnston called attention to the fact that it has been the procedure that the three members of the Board of Trustees' Committee on Nonacademic Personnel also serve on the Civil Service Merit Board.

The Board confirmed the appointment of the members of the Committee on Nonacademic Personnel — Mr. Hughes, Mr. Swain, and Dr. Weatherly — as representatives on the Civil Service Merit Board.

FUTURE BOARD MEETINGS

President Johnston reminded the Trustees that the next three meetings will be held: May 16, 1967, at the Medical Center; June 20, 1967, at Urbana; and July 26, 1967, at Urbana.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee submitted the following report and minutes of its meeting on April 4, 1967.

On call of the Chairman, a meeting of the Executive Committee of The Board of Trustees of the University of Illinois was held in Room 800, 135 East Eleventh Place, Chicago, Illinois, on Tuesday, April 4, 1967, beginning at 11:30 a.m.

The following members of the Committee were present: Mr. Wayne A. Johnston, Chairman; Mr. Howard W. Clement. Mr. Timothy W. Swain was absent.

Also present were: President David D. Henry; Vice-President and Comptroller H. O. Farber; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; and Mr. Earl W. Porter, Secretary of the Board of Trustees.

The Committee considered the following recommendations from the President of the University.

**REQUEST FOR EMERGENCY APPROPRIATION FROM THE
GENERAL ASSEMBLY TO COVER CASUALTY LOSSES**

The University of Illinois, Urbana campus, this winter suffered casualty losses not covered by insurance as follows:

1. Fire in Motion Picture Services	January 28, 1967	\$ 45 000 00
2. Fire in Computer Laboratory	March 4, 1967	155 700 00
Building		\$ 27 000 00
Equipment		128 700 00
3. Ice Storm Damage to WILL Radio Towers ..	January 27, 1967	28 140 00
<i>Total</i>		<u>\$228 840 00</u>

The fire in the Motion Picture Services Unit was located in space which the University leased on the second floor above Bailey & Himes store (606 East Green Street, Champaign). Therefore, there was no loss to University buildings.

The fire in the Computer Laboratory on March 4 fortunately did not mate-

rially damage the very expensive computers themselves. A list of the damaged equipment is attached, with the estimated cost of repair or replacement. The estimated cost of repairing the building is \$27,000, exclusive of damage to the addition to the building which is under construction and, hence, is covered by builders' risk insurance.

One of the WILL radio towers was among the many towers and antennas in the Urbana-Champaign area that fell during the heavy ice storm on January 27. As indicated in Director Frank E. Schooley's memorandum, the cost of constructing two guyed towers at \$28,140 is less than replacing the self-supporting tower with one which would be identical with the standing tower.

The Vice-President and Comptroller recommends that the University administration be authorized to request an emergency appropriation of \$228,840 from the General Assembly to cover these casualty losses.

I concur and further recommend that the concurrence of the Illinois Board of Higher Education be requested.

On motion of Mr. Clement, this recommendation was approved.

CONTRACT FOR RESEARCH ON APPLICATION OF SEWAGE SLUDGE TO FIELD CROPS

The Metropolitan Sanitary District of Greater Chicago has offered the University of Illinois a research contract in the amount of \$600,000 to perform a study of the agricultural benefits and environmental changes resulting from the use of digested sewage sludge on field crops over a three-year period beginning in April, 1967.

The project will involve the Departments of Agronomy and Civil Engineering initially and might require participation of other departments at a later date. Specifically, the study will seek to determine feasibility of using digested sewage that comes from the city's sewage treatment plants on agricultural lands. It will involve studying whether this can be done without harmful contamination of surface and ground waters and without adverse effects on soils and crops. Chemical, physical, and biological studies will be made.

The aim of the project is to solve problems encountered by Chicago and other large metropolitan areas in disposing of sludge from treatment plants as well as to find cheap sources of plant nutrients for agricultural crops. The only similar project known to be operating is one sponsored by the United States Public Health Service in the Cincinnati, Ohio, area.

The cost for the first year of operation will be \$273,000. The University expects to recover all costs of research involved under the contract.

The Dean of the College of Agriculture, the Executive Vice-President and Provost, and the Vice-President and Comptroller recommend acceptance of this contract.

I concur.

On motion of Mr. Clement, this recommendation was approved.

The business of the Executive Committee having been concluded, on motion of Mr. Clement, the Committee adjourned.

The Executive Committee of
The Board of Trustees
of the University of Illinois

HOWARD W. CLEMENT

TIMOTHY W. SWAIN

WAYNE A. JOHNSTON, *Chairman*

EARL W. PORTER

Secretary and Clerk

RECESS AND EXECUTIVE SESSION

President Johnston announced that an executive session had been requested and was being ordered for consideration of reports and recommendations relating to acquisition of properties.

On motion of Mr. Swain, the Board recessed.

When the Board reconvened in executive session, the same members of the Board, officers of the Board, and officers of the University as recorded at the beginning of these minutes were present, except Dr. Weatherly who asked to be excused.

The Board considered the following business presented by the President of the University.

APPLICATION FOR GRANT FUNDS UNDER TITLE VII HOUSING ACT OF 1961 AS AMENDED AND LAND AND WATER CONSERVATION FUND ACT OF 1964, CHICAGO CIRCLE

(46) It is proposed that applications for grants in the amount of \$112,000 to acquire 5.141 acres of virgin black soil prairie located in the City of Glenview, County of Cook, State of Illinois, be filed with the Department of Housing and Urban Development and through the Director of Conservation of the State of Illinois to the United States Department of Interior, Bureau of Outdoor Recreation. This land contains irreplaceable native flowering plants and grasses which can not be replaced or transplanted and will be valuable for teaching and research in the Department of Biological Sciences, Chicago Circle campus.

The requirements of both agencies require the adoption of a formal resolution by the Board, authorizing the filing of an application and designating the person to act on behalf of the University.

It is recommended that the Board of Trustees adopt the resolutions submitted herewith authorizing the filing and designate James E. Osborn, Business Manager at Chicago Circle, as the officer authorized to file the applications on behalf of the University.

If either grant is awarded pursuant to said applications, its acceptance will be conditioned on receipt of matching funds from private sources which have indicated an interest in this project.

I concur.

Resolution

WHEREAS Title VII of the Housing Act of 1961, as amended, provides for the making of grants by the Department of Housing and Urban Development to States and local public bodies to assist them in the acquisition and development of permanent interests in land for open-space uses where such assistance is needed for carrying out a unified or officially coordinated program for the provision and development of open-space land as part of the comprehensively planned development of the urban area; and

WHEREAS The Board of Trustees of the University of Illinois (herein sometimes referred to as "Applicant") desires to acquire fee simple title to a certain tract of virgin black soil, in extent slightly over five acres, undeveloped, in the City of Glenview, County of Cook, State of Illinois, which land is to be held and used for permanent open-space land for conservation and historic preservation purposes; and

WHEREAS Title VI of the Civil Rights Act of 1964, and the regulations of the Department of Housing and Urban Development effectuating that Title, provide that no person shall be discriminated against because of race, color, or national origin in the use of the land acquired; and

WHEREAS it is recognized that the contract for Federal grant will impose certain obligations and responsibilities upon the Applicant and will require among other things (1) assurances that families and individuals displaced as a result of the open-space land project will be relocated into decent, safe, and sanitary housing, (2) compliance with Federal labor standards, and (3) compliance with Federal requirements relating to equal employment opportunity; and

WHEREAS it is estimated that the cost of acquiring said interest will be \$224,000:

Now, Therefore, Be It Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois:

1. That an application be made to the Department of Housing and Urban Development for a grant in an amount authorized by Title VII of the Housing Act of 1961, as amended, which amount is presently estimated to be \$112,000, and that the Applicant will pay the balance of the cost from other funds available to it.

2. That the Business Manager of the University of Illinois at Chicago Circle is hereby authorized and directed to execute and to file such application with the Department of Housing and Urban Development, to provide additional information and to furnish such documents as may be required by said Agency, to execute such contracts as are required by said Agency, and to act as the authorized correspondent of the Applicant.

3. That the proposed acquisition and development is in accordance with plans for the allocation of land for open-space uses, and that, should said grant be made, the Applicant will acquire, develop, and retain said land for the use designated in said application and approved by the Department of Housing and Urban Development.

4. That the United States of America and the Secretary of the Department of Housing and Urban Development be, and they hereby are, assured of full compliance by the Applicant with regulations of the Department of Housing and Urban Development effectuating Title VI of the Civil Rights Act of 1964.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

Resolution

Be It, and It Is Hereby Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that this public corporation prepare and submit an application through the Director of Conservation of the State of Illinois to the United States of America, Department of the Interior, Bureau of Outdoor Recreation, for a grant of funds in the amount of \$112,000 from the Land and Water Conservation Fund established under and pursuant to Public Law 88-578, approved September 3, 1964, for the purpose of meeting one-half the cost of acquiring a tract of virgin black soil, in extent slightly over five acres, undeveloped, situated in the City of Glenview, County of Cook, State of Illinois.

Be It, and It Is Hereby, Further Resolved that Mr. James E. Osborn, Business Manager of the University of Illinois at Chicago Circle be, and he hereby is, designated as the Officer with authority to sign such application, to execute and deliver such other and further documents as may be required in connection therewith, and in all matters related to such application and any grant made pursuant thereto to act as the authorized Representative of this public corporation.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

ACQUISITION OF 1001 WEST CALIFORNIA AVENUE, URBANA

(47) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board request the University of Illinois Foundation to purchase the property at 1001 West California Avenue, Urbana, at the price of \$50,000 and lease it to the University at a rental rate adequate to pay the interest on a bank loan to the Foundation to finance the purchase of the property until such time as funds become available for purchase by the University.

The land is required for expansion of University facilities east of the Krannert Center for the Performing Arts.

I concur.

On motion of Mr. Hughes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

On motion of Mr. Swain, the Board adjourned.

EARL W. PORTER
Secretary

WAYNE A. JOHNSTON
President

LUNCHEON PROGRAM

During lunch, Dr. David Pines, Professor of Physics and of Engineering, addressed the Board on the special program of Centennial events being planned by a Committee of the Graduate College.

BOARD COMMITTEE MEETINGS

Meetings of the Committee on Buildings and Grounds and the Committee on General Policy were held in the afternoon.

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

May 16, 1967



The May meeting of The Board of Trustees of the University of Illinois was held in the new Chicago Illini Union at the Medical Center, on Tuesday, May 16, 1967, beginning at 10:30 a.m.

President Wayne A. Johnston called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Dr. James A. Weatherly. Mr. Theodore A. Jones, Governor Otto Kerner, and Mr. Ray Page were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Mr. C. S. Havens, Director of the Physical Plant; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. James J. Costello, Legal Counsel; Mr. Eldon Johnson, Vice-President of the University; Mr. David Bonham, Business Manager at the Medical Center; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. Glenn Terrell, Dean of Faculties, Chicago Circle; Mr. James B. Holderman, Assistant to the Chancellor, Chicago Circle; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. R. R. Manchester, Treasurer, and Mr. Earl W. Porter, Secretary.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

**REPORTS AND ANNOUNCEMENTS BY THE
PRESIDENT OF THE BOARD**

**ELECTION TO THE BOARD OF TRUSTEES OF THE
UNIVERSITIES RETIREMENT SYSTEM**

President Johnston announced that Mr. Jones had asked to be released from his service as a representative of The Board of Trustees of the University of Illinois on the Board of Trustees of the Universities Retirement System of Illinois.

On motion of Mr. Hughes, Mr. Pogue was unanimously elected as a member of the Board of Trustees of the Universities Retirement System of Illinois. The other representatives are Mr. Grimes and Mr. Hughes.

FUTURE BOARD MEETINGS

President Johnston announced that the next three meetings of the Board will be held: June 20, 1967, Urbana, July 26, 1967, Urbana, and September 20, 1967, Chicago.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

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 Illinois Accountancy Act of 1943, as amended, 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>Names</i>	<i>Addresses</i>	<i>State from Which They Obtained Certificates</i>
JOHN ALFRED BURKHARDT	Arlington Heights	Michigan
CARL JAY CARLIE	Chesterfield, Missouri	Missouri
JOSEPH HADLEY EVANS	Wilmette, Illinois	Missouri
BERNARD STANLEY MOUST	Oak Lawn, Illinois	Indiana
K. DUANE OLSON	Du Quoin, Illinois	Kansas

I concur.

On motion of Mr. Hughes, these certificates were awarded.

SABBATICAL LEAVES OF ABSENCE, 1967-68

(2) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1967-68 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the period indicated. This recommendation is supplementary to the applications recommended to the Board of Trustees on March 14, 1967.

College of Agriculture

Department of Dairy Science

JACOB GERALD CASH, Professor of Dairy Science, six months from January 1, 1968, full pay.

Department of Home Economics

CLARA F. DODSON, Assistant Professor of Home Furnishings Extension, six months from May 1, 1968, full pay.

Department of Horticulture

WILLIAM R. NELSON, JR., Associate Professor of Horticulture, one year, one-half pay (May 1 through August 31, 1967; January 15 to September 15, 1968).

College of Education*Department of Elementary Education*

FRED PATRICK BARNES, Professor of Elementary Education, first semester, full pay.

Department of Educational Psychology

RAY H. SIMPSON, Professor of Educational Psychology, first semester, full pay.

College of Engineering*Department of Electrical Engineering*

WILLIAM ROSS ASHBY, Professor of Electrical Engineering and of Biophysics, six months from February 1, 1968, one-half pay.

DANIEL S. BABB, Professor of Electrical Engineering, first semester, full pay.

GEORGE ROLAND PETRCE, Professor of Electrical Engineering, second semester, full pay.

College of Liberal Arts and Sciences*Department of Mathematics*

FRANK B. KNIGHT, Associate Professor of Mathematics, first semester, one-half pay.

Department of Psychology

DONALD R. PETERSON, Professor in Charge of the Psychological Clinic, six months from February, 1968, full pay.

College of Physical Education*Department of Physical Education for Men*

THOMAS F. KRIZAN, Assistant Professor of Physical Education for Men, first semester, full pay.

Department of Physical Education for Women

ANNELIS STRANGE HOYMAN, Assistant Professor of Physical Education for Women, first semester, full pay.

Chicago Circle*Library*

LLOYD C. ENGELBRECHT, Assistant Bibliographer for Art and Architecture with rank of Assistant Professor, six months from September 1, 1967, full pay.

Department of Mathematics

EVELYN FRANK, Professor of Mathematics, third quarter 1967-68, full pay.

Department of Political Science

MILTON RAKOVE, Associate Professor of Political Science, fall quarter 1967-68, full pay.

On motion of Mr. Hughes, these leaves were granted as recommended.

**ADVISORY COUNCIL OF LIBRARIANS, GRADUATE SCHOOL
OF LIBRARY SCIENCE, URBANA**

(3) The Dean of Library Administration recommends the following appointments to the Advisory Council of Librarians for terms of three years beginning September 1, 1967.

Public Libraries

MISS GERTRUDE E. GSCHIEDLE, Librarian, Chicago Public Library, Chicago, to succeed Miss Eleanor Plain, Librarian, Aurora Public Library, Aurora, whose term is expiring.

College and University Libraries

ROBERT M. LIGHTFOOT, JR., Director, Cullom-Davis Library, Bradley University, Peoria, to succeed George M. Bailey, Executive Secretary, Association of College and Research Libraries, American Library Association, 50 East Huron Street, Chicago, whose term is expiring.

School Libraries

MISS MAXINE STEVENSON, Director of Library Services, Alton Community Unit School District No. 11, 1211 Henry Street, Alton, to succeed Miss Rachel Wilkes, Librarian, Kaskaskia Junior College, Centralia, whose term is expiring.

Special Libraries

MRS. CHARLOTTE L. ANDERSON, Librarian, Deere and Company, Moline, to succeed Miss Lorraine Ciboch, Bell and Howell, Inc., Chicago, whose term is expiring. I concur.

On motion of Mr. Swain, these appointments were 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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A — indefinite tenure; B — two years; D — one year; E — nine months from the beginning of the academic year; G — special tenure; Y — twelve months' service required instead of two semesters.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

1. JOHN R. ELLIS, Visiting Professor of Mechanical Engineering, Department of Mechanical and Industrial Engineering, Urbana, for the academic year 1967-68, at salary of \$15,000 (E).
2. BENTLEY B. GILBERT, Associate Professor of History, Chicago Circle, beginning September 1, 1967, at an annual salary of \$15,000 (A).
3. JOHN P. GLAVIN, Research Assistant Professor of Special Education in the Children's Research Center, Graduate College, and in the Department of Special Education, College of Education, Urbana, beginning September 1, 1967, at an annual salary of \$9,500 (D).
4. MAURICE GOODMAN, Assistant Professor of Health Science and Staff Physician, Health Service, Chicago Circle, on one-half time, beginning April 1, 1967, at an annual salary of \$7,500 (DY50).
5. ARCHIBALD W. HENDRY, Research Assistant Professor of Physics, Urbana, beginning September 1, 1967, at an annual salary of \$9,600 (DY).
6. JOHN A. JAKLE, Assistant Professor of Geography, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (B).
7. CHARLES M. KELLER, Assistant Professor of Anthropology, Urbana, beginning September 1, 1967, at an annual salary of \$10,000 (B).
8. ROY J. KELLER, Assistant Dean, College of Physical Education, on three-fourths time, and Associate Professor of Physical Education for Men, on one-fourth time, Urbana, beginning September 1, 1967, at an annual salary of \$14,000 (DY75; AY25).
9. ROBERT A. KUNDROT, Extension Specialist in Wood Technology with rank of Assistant Professor, Department of Forestry, Urbana, beginning March 6, 1967, at an annual salary of \$10,000 (DY).
10. RONALD P. LEGON, Assistant Professor of History, Chicago Circle, beginning September 1, 1967, at an annual salary of \$11,300 (D).
11. MARTIN L. MAEHR, Associate Professor of Educational Psychology, Urbana, beginning September 1, 1967, at an annual salary of \$12,500 (B).
12. THOMAS C. MEEHAN, Assistant Professor in the Department of Spanish, Italian, and Portuguese, Urbana, beginning September 1, 1967, at an annual salary of \$10,500 (B).
13. JOHN T. PFEFFER, Associate Professor of Sanitary Engineering, Department of Civil Engineering, Urbana, beginning September 1, 1967, at an annual salary of \$12,500 (A).
14. HILLEL PORITSKY, Visiting Professor of Theoretical and Applied Mechanics, Urbana, on one-half time, for five months from September 1, 1967, at a salary of \$5,000 (G50).
15. RONALD H. PYSZKA, Assistant Professor of Advertising, Urbana, beginning September 1, 1967, at an annual salary of \$9,500 (D).
16. MICHAEL SALMON, Assistant Professor of Zoology, Urbana, beginning September 1, 1967, at an annual salary of \$10,200 (B).

17. **ROBERT L. TAYLOR**, Director of Computing, Graduate College, and Professor of Mathematics, Chicago Circle, beginning January 23, 1967, at an annual salary of \$24,000 (BY; A).

On motion of Mr. Swain, these appointments were confirmed.

HEADSHIP OF DEPARTMENT OF ANTHROPOLOGY, URBANA

- (5) The Dean of the College of Liberal Arts and Sciences at Urbana recommends the appointment of Professor Edward M. Bruner, presently Acting Head of the Department of Anthropology, as Head of the Department beginning September 1, 1967, at an annual salary of \$20,000, on an academic year basis, divided: \$19,000 as Professor of Anthropology, on indefinite tenure, and \$1,000 as Head of the Department.

Professor Bruner will succeed Professor Joseph B. Casagrande who asked to be relieved of this administrative duty effective September 1, 1967, so that he could devote full time to teaching and research.

The nomination of Professor Bruner was made with the advice of a search committee¹ and after consultation with the members of the Department of professorial rank, and is supported by the Executive Committee of the College, the Dean of the Graduate College, and the Executive Vice-President and Provost.

I recommend approval.

On motion of Mr. Clement, this appointment was approved.

HEADSHIP OF DEPARTMENT OF BOTANY, URBANA

- (6) The Dean of the College of Liberal Arts and Sciences, Urbana, recommends the appointment of Professor John B. Hanson as Head of the Department of Botany, beginning September 1, 1967, at an annual salary of \$23,000, on a twelve months' service basis, divided: \$21,500 as Professor of Plant Physiology in the Department of Botany and in the Department of Agronomy, on indefinite tenure, and \$1,500 as Head of the Department of Botany.

This appointment is to succeed Professor John R. Laughnan who asked to be relieved of this administrative assignment as of August 31, 1965. Professor James F. Nance has been serving as Acting Head.

The nomination of Professor Hanson is made with the advice of a search committee² and is supported by the faculty of the Department of Botany, the Executive Committees of the School of Life Sciences, and of the College of Liberal Arts and Sciences, the Dean of the Graduate College, and the Executive Vice-President and Provost.

I recommend approval.

On motion of Mr. Pogue, this appointment was approved.

CHAIRMANSHIP OF DEPARTMENT OF THEATRE, URBANA

- (7) The Dean of the College of Fine and Applied Arts at Urbana recommends the appointment of Professor Barnard W. Hewitt as Professor, on indefinite tenure, and Chairman of the Department of Theatre, on 67 per cent time, for two years, beginning September 1, 1967, on an academic year service basis. Professor Hewitt will continue in the Department of Speech in the College of Liberal Arts and Sciences, on indefinite tenure, on 33 per cent time. The salary will be determined when the budget for 1967-68 is submitted to the Board for approval.

The establishment of a Department of Theatre in the College of Fine and Applied Arts was approved by the Board of Trustees on April 19, 1967, at which time the Trustees also approved the transfer of the "performance" functions of the Department of Speech and Theatre (College of Liberal Arts and Sciences) to the College of Fine and Applied Arts. The faculty members affected have voted in favor of a department with a chairman as the administrative officer.

¹ Ivan D. Steiner, Professor of Psychology, Chairman; Alan G. Jacobs, Assistant Professor of Anthropology; Bernard Karsh, Professor of Sociology, in the College of Liberal Arts and Sciences and in the Institute of Labor and Industrial Relations; Donald E. Lathrop, Associate Professor of Social Work; Oscar Lewis, Professor of Anthropology; Demitri B. Shimkin, Professor of Anthropology and of Geography; Julian H. Steward, Member of Center for Advanced Study and Research Professor of Anthropology.

² James G. Sternburg, Professor of Entomology and Executive Secretary of the Department, Chairman; Lindsay M. Black, Professor of Plant Pathology, in the College of Agriculture, and of Botany, in the College of Liberal Arts and Sciences; David Gottlieb, Professor of Plant Pathology; Dominick J. Paolillo, Associate Professor of Botany; Wilson N. Stewart, Professor of Botany (resigned September 1, 1966).

The recommendation for the appointment of Dr. Hewitt has the endorsement of all members of the Department of professorial rank, the Dean of the Graduate College, and the Executive Vice-President and Provost.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

HEADSHIP OF DEPARTMENT OF VETERINARY BIOLOGICAL STRUCTURE, URBANA

(8) The Dean of the College of Veterinary Medicine recommends the appointment of Dr. James E. Lovell, presently on the staff of the Veterinary Research Institute at Iowa State University, as Professor, on indefinite tenure, and Head of the Department of Veterinary Biological Structure at Urbana, for one year beginning September 1, 1967, at an annual salary of \$20,500 on a twelve months' service basis.

Professor Ray D. Hatch will continue to serve as Acting Head of the Department until September 1.

This appointment is recommended by a special search committee,¹ and is supported by the members of the Department of professorial rank.

The Dean of the Graduate College and the Executive Vice-President and Provost concur in this recommendation.

I recommend approval.

On motion of Mr. Hughes, this appointment was approved.

CHAIRMANSHIP OF DEPARTMENT OF ART, CHICAGO CIRCLE

(9) The Dean of the College of Architecture and Art and the Chancellor at Chicago Circle recommend the appointment of Simon D. Steiner, Associate Professor of Art, on indefinite tenure, as Chairman of the Department for two years beginning September 1, 1967. The salary will be determined when the budget for 1967-68 is submitted to the Board for approval.

This appointment is to succeed Professor Alfred P. Maurice who has served as Chairman of the Department for two years, and has asked not to be reappointed.

This recommendation is submitted after consultation with members of the Department and on nomination of its Executive Committee. The Executive Committee of the College of Architecture and Art, the Executive Vice-President and Provost, and the Dean of the Graduate College endorse this recommendation.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

HEADSHIP OF DEPARTMENT OF ORAL DIAGNOSIS, MEDICAL CENTER

(10) The Dean of the College of Dentistry and the Chancellor for the Medical Center recommend the appointment of Dr. Lawrence Cohen as Professor of Oral Diagnosis on indefinite tenure and Head of the Department, beginning September 1, 1967, at an annual salary of \$22,000 on a twelve months' service basis.

This appointment is to fill the vacancy created when Dr. Arthur Skupa assumed the Associate Deanship of the College of Dentistry in May of 1965. In the meantime, Dr. Donald L. McElroy has been serving and will continue to serve as Acting Head of the Department through August 31, 1967.

The nomination for this appointment was initiated by a search committee,² and all members of the Department of professorial rank have been consulted.

¹ Lyle E. Hanson, Professor of Veterinary Pathology and Hygiene, in the College of Veterinary Medicine, and of Veterinary Research, in the College of Agriculture, Chairman; Ray D. Hatch, Professor of Veterinary Anatomy and Histology and of Veterinary Clinical Medicine; Paul H. Silverman, Professor of Veterinary Pathology and Hygiene, in the College of Veterinary Medicine, and of Zoology and Head of the Department of Zoology, in the College of Liberal Arts and Sciences; Meyer J. Wolin, Associate Professor of Microbiology, in the College of Liberal Arts and Sciences, and of Dairy Science, in the College of Agriculture; George T. Woods, Professor of Veterinary Microbiology and Public Health, in the College of Veterinary Medicine, and of Veterinary Research, in the College of Agriculture.

² Maury Massler, Professor of Pedodontics, in the College of Dentistry, and Assistant Dean of Postgraduate and Teacher Education in the College of Dentistry, Chairman; Thomas K. Barber, Clinical Professor of Surgery in the College of Medicine, Professor of Pedodontics in the College of Dentistry, and Head of the Department; Herman Medak, Professor of Oral Pathology in Preventive Medicine and Community Health in the College of Medicine, Professor of Oral Pathology in the College of Dentistry, and Acting Head of the Department; Henry Rosenberg, Professor of Dental Radiology in the College of Dentistry and Acting Head of the Department; Arthur J. Skupa, Professor of Oral Diagnosis in the College of Dentistry and Associate Dean of the College.

The Dean of the Graduate College and the Executive Vice-President and Provost concur.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

HEADSHIP OF DEPARTMENT OF RADIOLOGY IN THE COLLEGE OF DENTISTRY

(11) The Dean of the College of Dentistry and the Chancellor for the Medical Center recommend the appointment of Dr. Henry M. Rosenberg as Professor of Radiology on indefinite tenure and Head of the Department of Radiology in the College of Dentistry, beginning June 1, 1967, on 70 per cent time on a twelve months' service basis at an annual salary of \$12,600.

This appointment is to fill the vacancy created when Dr. Seymour H. Yale assumed the Deanship of the College of Dentistry in March of 1965. In the meantime, Dr. Rosenberg has been serving as Acting Head of the Department.

The nomination for this appointment was initiated by a search committee¹ and has the unanimous endorsement of all members of the Department of professorial rank.

The Dean of the Graduate College and the Executive Vice-President and Provost concur.

I recommend approval.

On motion of Mr. Hughes, this appointment was approved.

CENTER FOR EDUCATION AND RESEARCH IN GENETICS IN THE COLLEGE OF MEDICINE

(12) The Dean of the College of Medicine, with the concurrence of the Chancellor of the Medical Center campus, recommends that a Center for Education and Research in Genetics be established at the Medical Center with responsibility for coordination of instruction in genetics offered in the College of Medicine, for the encouragement of research in genetics, and for consultative service to faculty members outside the Center.

The study of genetics has become increasingly important in recent years. With this rapid development of the discipline of genetics has come increased need for students to obtain an educational background which permits them to use this new information through advanced courses and the opportunity to do research. Knowledge of the principles of genetics is required in the basic medical sciences and in the clinical areas.

The Center would have a Director and a small staff supported from its own budget. This nucleus would coordinate interdisciplinary efforts of those knowledgeable in the discipline in other departments of the College of Medicine and in other colleges. Members of other departments could hold joint appointments in the Center.

A request for funds for the support of the Center was included in the 1967-69 biennial budget request for operations approved by the Board of Trustees and the Board of Higher Education.

This recommendation has been approved by the Medical Center Senate. The Senate Coordinating Council indicates that no other Senate jurisdiction is involved. The Executive Vice-President and Provost endorses this recommendation.

I concur, subject to further action by the Board of Higher Education.

On motion of Mr. Hughes, this recommendation was approved.

REVISION OF STATUTORY PROVISIONS RELATING TO SABBATICAL LEAVES OF ABSENCE FOR MEMBERS OF THE FACULTY

(13) On January 12, 1967, the Board of Trustees approved, provisionally, the modification of Section 40 of the *University of Illinois Statutes* to provide an alternative, optional arrangement for sabbatical leaves primarily for those faculty members at the Chicago Circle and Medical Center campuses. It was intended that existing statutory provisions, based on the semester system, be translated into equivalent benefits in terms of the quarter system.

¹ Arthur Skupa, Professor of Oral Diagnosis and Associate Dean of the College of Dentistry, Chairman; Roy Gillette, Professor of Histology; Edwin J. Liebner, Professor of Medical Radiology in the College of Medicine and Associate Radiologist in the Research and Educational Hospitals.

Appropriate language was developed and referred to the Senates of the three campuses. Each Senate has now concurred in the proposed revisions which cause Section 40 to read as follows (deletions are shown by lines through text; new text is in italics) :

Sec. 40. (a) On the recommendation of the head or chairman of a department, and with the approval of the dean *of the college, director of the school or director of the institute, the chancellor*, the President and the Board of Trustees, a member of the faculty who has the rank of professor, associate professor, or assistant professor and who has served the University for ~~at least six years~~ *the periods indicated below* on full-time appointment as an instructor or in higher rank since his original appointment or since the termination of his last leave on salary, may be granted leave of absence *with pay* for the purpose of study, research, or other pursuit, the object of which is to increase his usefulness to the University. ~~for~~ *The following options are available:*

(1) ~~one year with pay equal to one half of his annual salary; or~~

(2) ~~one half year at full salary rate, provided that the department in which the applicant is teaching or working undertakes, so far as is practicable, to carry on during his absence without increase in the departmental budget, such part of his work as the interests of the department and of the University require to be continued without interruption during the period in which he is absent.~~
 (b) ~~In cases where the interest of the department and the University would clearly be served thereby, leave may be granted for a half year at half pay, at the end of three years of consecutive service, provided that the granting of leave does not involve expense to the University in excess of the portion of salary which is released in consequence of taking such leave.~~

(1) *After completion of six appointment years of full-time service, a member of the faculty is eligible to apply for sabbatical leave for:*

one appointment year at half salary; or

one-half of an appointment year at full salary; or

two-thirds of an appointment year (i.e., two quarters) at three-fourths salary.

(2) *After completion of four appointment years of full-time service, a member of the faculty is eligible to apply for leave for:*

two-thirds of an appointment year (i.e., two quarters) at one-half salary; or

one-third of an appointment year (one quarter) at full salary.

(3) *After completion of three appointment years of full-time service, and in cases where the interest of the department and the University would clearly be served thereby, leave may be granted for one-half an appointment year at half pay, provided that the granting of such leave does not involve expense to the University in excess of the portion of the salary released in consequence of ~~taking~~ the granting of such leave. (Only the underlined text of (3) is new; the rest is transfer of language deleted elsewhere)*

(b) *In recommending a leave with pay according to any of the options provided above, it shall be understood by all recommending officers concerned that the department in which the applicant is teaching or working undertakes, so far as is practicable, to carry on during his absence without increase in the departmental budget, such part of his work as the interests of the department and of the University require to be continued without interruption during the period in which he is absent.*

(c) Service credit for leave of absence with pay is not cumulative. Each person who has been on leave of absence shall, on the termination of his leave, make a report through the usual official channels of communication to the ~~chancellor~~ *President* concerning the nature of the studies, research, or other work undertaken by him during the period in which he was absent.

(d) A member of the faculty to whom any such leave of absence has been granted shall agree to return to the University on the expiration of his leave and to remain in its service for at least one year thereafter; and the University, on its part, shall agree to retain him in its service for the period of one year after his return.

(e) Leaves of absence granted in accordance with the foregoing ~~rules, terms and conditions~~, with the privileges pertaining thereto, are given to members of the faculty primarily for the purpose of enabling them to acquire additional knowledge

and competency in their respective fields. No one to whom a leave of absence with pay has been granted shall be permitted while on such leave to accept remunerative employment or engage in professional practice or work for which he receives pecuniary compensation. This prohibition, however, shall not be construed to forbid a faculty member while on leave from giving a limited number of lectures or doing a limited amount of other work. But in such cases the approval of the ~~chancellor~~ ~~President~~ to the giving of the lectures or the doing of other work shall be required. Nor shall the prohibition be interpreted to forbid the acceptance by a faculty member, while on leave, of a scholarship or fellowship carrying a stipend for purpose of study, research, or scientific investigation, or the acceptance of a grant of money made for such purposes, provided the acceptance of the grant does not impose on the recipient duties and obligations the performance of which would be incompatible with the pursuit of the general purpose for which leaves of absence are granted.

(f) The President shall establish regulations and procedures necessary for the administration of these provisions, and he is authorized to make appropriate adjustments in the terms of leave with pay to insure equitable benefits for members of the faculty in exceptional cases where special consideration is warranted.

I recommend final approval of Section 40 as revised.

On motion of Mr. Grimes, this recommendation and the proposed revision of Section 40 of the University Statutes were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

SUMMER SPEECH CLINICS

(14) The Director of the Division of Services for Crippled Children and the Chancellor at the Medical Center recommend that the Division be authorized to continue speech clinics during the summer of 1967 at the following institutions on a reimbursable cost basis:

	<i>Estimated Cost</i>
Augustana College, Rock Island.....	\$15 520 00
Northern Illinois University, DeKalb.....	30 855 00
Southern Illinois University, Carbondale.....	11 845 00
Illinois State University, Normal.....	17 065 00
	\$75 285 00

A similar clinic at the University of Illinois at Urbana..... \$15 464 00

Funds are available in the budget of the Division of Services for Crippled Children.

I concur.

On motion of Mr. Clement, authority was given as requested.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES, URBANA

(15) The Executive Vice-President and Provost and the Vice-President and Comptroller recommend the following appropriations for Urbana-Champaign from:

Urbana-Champaign General Reserve

College of Fine and Applied Arts	
University of Illinois Bands, partial cost of band uniforms.....	\$10 000 00
Office of the Chancellor and Associated Offices, furniture, office equipment, and supplies.....	19 000 00
<i>Total, Urbana-Champaign General Reserve.....</i>	<i>\$29 000 00</i>

Contract Research Reserve

Renovation and remodeling for which funds are assigned to the

Physical Plant Department:

Partial cost of construction of a mechanical equipment room in the Nuclear Reactor Laboratory for the Nuclear Engineering Program	\$35 000 00
<i>Total, Contract Research Reserve.....</i>	<i>\$35 000 00</i>
<i>Grand Total.....</i>	<i>\$64 000 00</i>

I concur.

On motion of Mr. Swain, these appropriations were made by the

following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

CONTRACTS FOR GAS SERVICE, URBANA

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize agreements with the Illinois Power Company for gas service at the Urbana campus for the following projects and at the rates indicated:

Children's Research Center — Standard Utility Service Classification 62 and Riders A and CC

Sherman Hall — Standard Utility Service Classification 62 and Riders A, C, and CC

Civil Engineering Building Complex — Standard Utility Service Classification 62 and Riders A, C, and CC

Funds for the annual estimated costs are available in the Physical Plant and Housing Division budgets.

I concur.

On motion of Mr. Hughes, these agreements were authorized by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

CONTRACTS FOR CONSTRUCTION OF METAL BUILDINGS FOR DEPARTMENT OF ART, URBANA

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts, based on the percentage bids for contractors' fees, for construction of an Art Sculpture Building and an Art Studio Building for the Department of Art, to be located north of the Mental Health Clinic site, the award in each case to the lowest bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General — Barber & DeAtley, Inc., Urbana.....	6	25	10	\$3 120 00	\$24 720 00
Electrical — Wm. H. Brunkow doing business as Brunkow Electric Co., Champaign.....	10	25	0	555 00	3 255 00
Plumbing — Willis H. and Wren C. Thomas, a partnership doing business as Thomas Plumbing & Heating Co., Urbana.....	20	38	0	1 022 00	4 422 00
Heating, Piping, Refrigeration and Automatic Temperature Control Systems — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	35	35	0	175 00	675 00
Ventilation and Distribution Systems for Conditioned Air — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	25	30	0	835 00	3 935 00

The Art Sculpture Building is intended to provide working space for graduate students to be enrolled under the recently authorized Master of Fine Arts program in sculpture. The practice of sculpture requires much more space than any other of the fine arts, and a site providing facilities for work out-of-doors is deemed

important. The Art Studio Building will meet the critical need of the Department of Art for more faculty studios. The Department is at present unable to supply the majority of the faculty with the kind of personal working environment and facilities necessary for research and creative endeavors.

Funds are available in the Universities Building Fund and 1965-67 state capital appropriations.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

CONTRACTS FOR REMODELING IN NOYES LABORATORY, URBANA

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts, based on the percentage bids for contractors' fees, for remodeling five rooms on the first floor of Noyes Laboratory for use as an Electronics Shop and a Computer Laboratory for the Department of Chemistry and Chemical Engineering, the award in each case to the lowest bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General — Dean Evans Co., Champaign.....	8	29	5	\$1 888 00	\$11 688 00
Electrical — G. L. Wilsky, an individual doing business as Downtown Electric, Urbana...	15	25	0	470 00	2 870 00
Plumbing — Willis H. and Wren C. Thomas, a partnership doing business as Thomas Plumbing & Heating Co., Urbana.....	25	50	10	690 00	2 690 00
Ventilation and Distribution Systems for Conditioned Air — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	25	32	10	658 00	3 258 00

The total estimated cost of the work is \$25,750, and funds have been assigned for this project by the Board.

Submitted herewith is a report from the Physical Plant Department, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Hughes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

**CONTRACTS FOR MINOR BUILDING ALTERATIONS
AND REPAIRS, URBANA**

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of cost-plus contracts for minor building alterations, repairs, and construction work on the Urbana campus for the period of July 1, 1967, through June 30, 1969, as follows:

- General — Barber & DeAtley, Inc., Urbana
- Electrical — Emeric Electric, Inc., Champaign

Plumbing—Willis H. and Wren C. Thomas, a partnership doing business as Thomas Plumbing & Heating Co., Urbana
 Heating, Piping, Refrigeration and Automatic Temperature Control Systems—W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana
 Ventilation and Distribution Systems for Conditioned Air—W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.
 Plastering, Plaster Patching and Repairs, and Acoustical—Geo. S. Grimmitt, an individual doing business as Geo. S. Grimmitt & Co., Springfield

It is also recommended that a combined contract be awarded to Cool-Rite Refrigeration, Urbana, for heating, piping, refrigeration and automatic control systems work and for ventilation and distribution systems for conditioned air work, since this company submitted identical low bids for each category.

These contracts are for work which does not justify the cost of preparing separate drawings and specifications and of separate bidding procedures on each project. The several contractors bid on percentages to be added to actual material, labor, and subcontract costs, and the awards recommended are to the lowest bidders.

The work will be done as ordered by the Physical Plant Department, and will be paid for on the basis of the actual cost of each job plus contractor's fees. A schedule of bids taken showing the fee percentages to be added for work to be executed under these cost-plus contracts is submitted herewith, and a copy is being filed with the Secretary of the Board for record as the basis for the contract awards recommended. No assignment of funds is requested, as each job will be covered by a contract change order charged against funds allocated for the project.

It is further recommended that the Vice-President and Comptroller be authorized to approve orders under these contracts on projects up to \$25,000.

I concur.

On motion of Mr. Grimes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

ASSIGNMENT OF CONTRACT TO ILLINOIS BUILDING AUTHORITY

(20) The University has contracted with Robert W. Hunt Company, Chicago, for concrete testing services on Phase II construction at Chicago Circle with funds to be provided from the Universities Building Fund.

However, with construction being financed by the Illinois Building Authority, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board authorize assignment of this contract to the Illinois Building Authority, the terms of such assignment to be consistent with the provisions of the Illinois Building Authority Act, as amended and as approved by the University Legal Counsel.

I concur.

On motion of Mr. Swain, this recommendation was approved.

DESIGNATION OF NATIONAL BOULEVARD BANK OF CHICAGO AS DEPOSITARY OF CONSTRUCTION FUND PROCEEDS

(21) The Notice of Sale for the Housing Revenue Bonds of 1966, Series A and B, provided that the purchaser of the Series A bonds could designate a bank in the city of Chicago as the depository of the Construction Fund, subject to the approval of the University. White, Weld & Company, purchasers of the bonds, has recommended that the National Boulevard Bank of Chicago be designated as the Construction Fund depository. Since the University presently does not have any money deposited in this Bank, the Vice-President and Comptroller recommends that the following resolution be adopted.

Resolution

Be It Resolved, That the National Boulevard Bank of Chicago be and hereby is designated a depository in which construction funds of this corporation may be deposited by its officers, agents, and employees and that the Comptroller, or any other officer of this corporation, be and hereby is authorized to open and maintain an account or accounts with said Bank and to endorse and deposit with said Bank negotiable instruments and orders for the payment of money which endorsements

may be made in writing or by a stamp and without designation of the person so endorsing, and it being understood and agreed that on all such items deposited, all prior endorsements are guaranteed by this corporation whether or not an express guaranty is incorporated in such endorsements.

And Be It Further Resolved, That the National Boulevard Bank of Chicago as a designated depository of this corporation be and it 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 signature(s) of the President and Secretary, and National Boulevard Bank of Chicago 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 signatures thereon may have been affixed thereto, if such facsimile signatures resemble the facsimile specimens duly certified to or filed with the National Boulevard Bank of Chicago by the Secretary or other officer of this corporation.

I concur.

On motion of Mr. Grimes, the foregoing resolution was adopted.

**EMPLOYMENT OF COST CONSULTANT FOR
CHICAGO CIRCLE CAMPUS, PHASE III**

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of McKee-Berger-Mansueti, Inc., Chicago, Cost Consultant, for cost estimating services on the Behavioral Science Center project and the Science and Engineering Center project in the proposed Phase III building program at the Chicago Circle campus.

The fee for the above services will be based on an hourly rate of \$12.00 per engineer-estimator hour, at a total cost not to exceed \$35,000. The University will be reimbursed one-half of the total cost by Skidmore, Owings & Merrill, Chicago, Architect, for the two projects.

It is further recommended that the Board authorize the assignment of this contract to the Illinois Building Authority, with the assignment to be executed in the event the construction of the projects is declared to be in the public interest and financing is undertaken by the Illinois Building Authority.

Funds are temporarily available from the Stores and Services account until permanent financing is arranged.

I concur.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; present, Mr. Hahn; absent, Mr. Jones, Governor Kerner, Mr. Page.

**LEASE OF HEADQUARTERS OFFICE FOR THE DIVISION OF SERVICES
FOR CRIPPLED CHILDREN**

(23) The Division of Services for Crippled Children has need to increase the central office staff during the coming fiscal year as a result of increasing dimensions and complexity of program operations, in part resulting from recent changes in the Social Security Act.

There is not sufficient space in the present building to house the required additional staff. Adequate housing which permits expansion and provides maximum flexibility and efficiency in utilization of space has been located in the Iles Park Place complex situated at the southeast corner of Sixth and Ash Streets in the city of Springfield.

The Director of the Division of Services for Crippled Children, the Chancellor at the Medical Center, and the Vice-President and Comptroller recommend authorization of a lease with the Illinois National Bank of Springfield, Illinois, for 5,850 square feet of space in the Iles Park Place complex at an annual rental of \$26,325, to be paid in monthly installments of \$2,193.75, effective for the period July 1, 1967, through June 30, 1969, with an option to renew on a biennial basis.

Funds for the rental are available in the operating budget of the Division of Services for Crippled Children.

I concur.

On motion of Mr. Clement, this recommendation was approved. Mr. Hahn asked to be recorded as voting "present."

RENEWAL OF LEASE. ILLINI CENTER, LA SALLE HOTEL, CHICAGO

(24) The Vice-President and Comptroller recommends renewal of the lease with the LaSalle Madison Hotel Company, Chicago, for the area on the twentieth floor of the LaSalle Hotel, used as the Illini Center, for a period of two years from July 1, 1967.

The lease provides for an increase in rent from \$900 to \$1,000 per month, or approximately 11 per cent. The premises have been under lease at the present rate since July 1, 1962. There are 2,505 square feet in the area; the annual square foot rental at the new rate will be \$4.79.

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

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

RECOMMENDATION FROM COMMITTEE ON COPYRIGHTS AND RECORDINGS

(25) The Committee on Copyrights and Recordings has reviewed a case involving the proposed publication of a manuscript entitled "Translating the Educational Program of a University into Physical Facility Requirements," prepared by Director Harlan D. Bareither and Associate Director Jerry L. Schillinger of the Central Office on the Use of Space.

The Committee on Copyrights and Recordings recommends that this material be released to Messrs. Bareither and Schillinger for copyright and publication, with the following division of royalties: one-third to Mr. Bareither, one-third to Mr. Schillinger, and one-third to the University.

Although not commissioned by the University to prepare this manuscript, and although much of the actual writing will have been done on the authors' own time, the proposed publication would include material derived from the activities of the Central Office on the Use of Space. Hence, it was the Committee's judgment that the University should share in any royalties that might accrue from sales of the published volume.

The Executive Vice-President and Provost and the Vice-President and Comptroller endorse this recommendation of the Committee on Copyrights and Recordings.

I concur.

On motion of Mr. Clement, this recommendation was approved.

PURCHASES

(26) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller; also a list of purchases authorized by the President.

The lists of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

<i>From Appropriated Funds</i>	
Purchases Recommended.....	\$185 590 33
<i>From Institutional Funds</i>	
Purchases Authorized.....	29 923 00
Purchases Recommended.....	592 826 10
	<u>\$622 749 10</u>
<i>Grand Total</i>	\$808 339 43

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member

of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Hughes, the purchases authorized by the President were approved, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(27) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary of the Board.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(28) The Comptroller's report of contracts executed during the period April 1 to 30, 1967.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Glencoe Park-Recreation District	Leisure behavior, attitudes, and interests of adult, high school age, and junior high residents of Glencoe	\$ 3 000 00
United States Air Force F33615-67-C-1375	Liquid metal MHD	83 500 00
United States Army DAAB 07-67-C-0306	Directional finder system for the MF-HF-VHF ranges	171 352 00
United States Department of Health, Education, and Welfare 67-2	Child welfare training grant	76 460 00
United States Navy N00156-67-C-1875	Magnitude and effect on fatigue life of the residual stresses induced in notched aircraft members subjected to spectrum loading	58 510 00
<i>Total</i>		<u>\$392 822 00</u>

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Domineck Peluso	Rental of barber shop in Union building, Medical Center campus (February 1, 1967, to August 31, 1968)	\$ 3 650 00
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
LaSalle Madison Hotel Company	Rental of space on second floor, LaSalle Hotel, Chicago, Illinois (September 1, 1966, to June 30, 1967)	\$13 060 00
University of Illinois Foundation	Rental of premises at 901 and 903 West California Avenue, Urbana, Illinois (August 31, 1965, to June 30, 1967)	2 319 00
	Rental of premises at 906 West Illinois Street, Urbana, Illinois (November 1, 1965, to June 30, 1967)	1 648 00
	Rental of premises at 1003 West Illinois Street, Urbana, Illinois (July 15, 1965, to June 30, 1967)	2 081 00
<i>Total</i>		<u>\$19 108 00</u>

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
W. R. Grace and Company	Ultra-fine ceramic particles	\$20 000 00
National Aeronautics and Space Administration NGR 14-005-037	Basic processes occurring in gaseous plasmas in various charge density and energy states	40 000 00
United States Army DA-18-001-AMC-1016(X)	Initiation and stability of gaseous detonation	37 192 00
DA-49-193-MD-2909	Determination of free bromine in water	23 392 00
DADA17-67-C-7058-P701	Social and cultural structure of the relations between two groups in Mae Hongson in western Thailand	500 00
United States Atomic Energy Commission AT(11-1)-1601	Mobilization of radioactive emitters from bone	33 184 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Department of Health, Education, and Welfare OEC 3-6-000066-1195	Continuation of the language and area center for Latin America	\$ 1 300 00
United States Navy N00014-67-A-0305-0001	Kinetic theory of strong shock waves by solution of the Boltzmann equation	70 000 00
N0022866C0311	Determine the shielding characteristic of inhomogeneous barriers	20 000 00
United States Steel Corporation	Fatigue of high strength steels	5 000 00
<i>Total</i>		<u>\$250 568 00</u>

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Downtown Electric	Cost-plus contracts — electrical Administration Building	\$ 4 900 00
	English Building	3 000 00
	Natural Resources Building	12 500 00
Dean Evans Company	Cost-plus contracts — general Administration Building	5 198 00
	Davenport Hall	5 000 00
	English Building	5 000 00
	Library	5 000 00
	Talbot Laboratory	5 500 00
Fries Walters Company	Cost-plus contracts — electrical Dentistry-Medicine- Pharmacy Building Second Unit	3 090 00
	Hospital Addition, Medical Center	2 575 00
George S. Grimmett and Company	Cost-plus contract — acoustical tile	3 000 00
Kuhne-Simmons Co., Inc.	General Florida Avenue Residence Halls	5 068 00
Merchants Messengers, Inc.	Armored car service	9 078 00
Gerhardt F. Meyne Company	Cost-plus contract — general Hospital Addition, Medical Center	8 758 00
The Nu-Way Contracting Corporation	Cost-plus contracts — refrigeration Hospital Addition, Medical Center	8 935 00
	Dentistry-Medicine- Pharmacy Building	3 015 00
Reliable Plumbing and Heating Co.	Cost-plus contracts — heating and ventilating English Building	7 500 00
	Mechanical Engi- neering Building	2 500 00
	Natural History Building	8 200 00
Thomas Plumbing and Heating Co.	Cost-plus contract — plumbing	2 729 00
<i>Total</i>		<u>\$110 546 00</u>

Summary

Amount to be paid to the University.....	\$647 040 00
Amount to be paid by the University.....	129 654 00

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(29) The Comptroller presented his quarterly report to the Board as of March 31, 1967.

A copy of this report has been filed with the Secretary of the Board.

This report was received for record.

INVESTMENT REPORT

Report of the Finance Committee

(30) The Finance Committee reported the following changes in investments of endowment funds for the month of March, 1967:

Pool

Sale

270 shares Ohio Edison Company common stock.....	\$	7 058 14
68 shares Transamerica Corporation common stock.....		2 435 62
270 shares Union Electric Company common stock.....		7 053 13

Purchase

\$20 000 Federal Land Bank 5 $\frac{3}{8}$ per cent bonds due 7/20/76.....		20 900 00
600 shares Pacific Gas and Electric common stock.....		20 452 71

Report of the Comptroller

The Comptroller reported the following changes in investments of current and un-expended plant funds, which he has been authorized to make, for the month of March, 1967:

Current Funds

CHICAGO CIRCLE

Purchase

\$197 000 U.S. Treasury bills due 4/6/67.....	\$	196 550 52
303 000 U.S. Treasury bills due 6/22/67.....		299 101 23
25 000 General Motors Acceptance Corp. due 10/2/67.....		24 326 39

CHICAGO, CITY OF, ESCROW

Purchase

\$78 000 U.S. Treasury bills due 5/31/67.....		77 488 13
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RESTRICTED GROUP

Purchase

\$ 250 000 CIT Financial notes due 6/30/67.....		250 000 00
250 000 Commercial Credit notes due 6/30/67.....		250 000 00
500 000 General Motors Acceptance Corp. due 6/30/67.....		500 000 00
1 000 000 International Harvester Credit Corp. due 6/30/67.....		1 000 000 00

Construction Funds

ASSEMBLY HALL

Purchase

\$197 000 U.S. Treasury bills due 6/30/67.....		195 008 11
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FLORIDA AVENUE RESIDENCE HALLS

Purchase

\$110 000 U.S. Treasury bills due 6/22/67.....		108 712 39
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GRADUATE HOUSING

Sale

\$105 000 U.S. Treasury bills due 3/30/67.....		104 877 50
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Purchase

\$105 000 U.S. Treasury bills due 3/30/67.....		104 828 50
255 000 U.S. Treasury bills due 6/29/67.....		252 360 75

KRANNERT CONTRIBUTIONS

Purchase

\$ 38 000 James Talcott 5 per cent notes due 6/29/67.....		38 000 00
285 500 Beneficial Finance 6 per cent notes due 6/29/73.....		285 500 00

UNION (Chicago Circle)

Purchase

\$11 000 U.S. Treasury bills due 4/20/67.....		10 946 10
40 000 U.S. Treasury bills due 6/8/67.....		39 560 80

UNION AND RESIDENCE HALL (Medical Center)

Purchase

\$300 000 U.S. Treasury bills due 4/13/67.....		298 628 83
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Sinking Funds

ASSEMBLY HALL

Purchase

\$197 000 U.S. Treasury bills due 3/23/67.....	\$196 517 35
159 000 U.S. Treasury bills due 2/29/68.....	152 027 60

UNION (Chicago Circle)

Purchase

\$ 8 000 U.S. Treasury bills due 3/22/67.....	7 993 64
262 000 U.S. Treasury bills due 8/10/67.....	256 810 60

ILLINI UNION AND HEALTH CENTER

Purchase

\$43 000 U.S. Treasury bills due 3/16/67.....	42 936 33
17 000 U.S. Treasury bills due 9/21/67.....	16 663 40

This report was received for record.

HONORARY DEGREES, URBANA AND CHICAGO CIRCLE

(31) The University Senates at Urbana and at Chicago Circle have recommended that honorary degrees be conferred upon the following and on the occasions indicated.

E. C. AMOROSO, Professor of Physiology at the Royal Veterinary College of the University of London, the degree of Doctor of Science, to be conferred at the Commencement Exercises at Urbana on June 17, 1967.

FRANK H. KNIGHT, a distinguished economist, the degree of Doctor of Humanities, to be conferred at the Commencement Exercises at Chicago Circle on June 18, 1967.

BYRON R. WHITE, Associate Justice of the United States Supreme Court since 1962, the degree of Doctor of Laws, to be conferred at the Commencement Exercises at Chicago Circle on June 18, 1967.

QUINCY WRIGHT, Professor *Emeritus* of the University of Chicago, the degree of Doctor of Laws, to be conferred at the Commencement Exercises at Urbana on June 17, 1967.

I concur in the recommendations of the Senates.

On motion of Mr. Swain, this recommendation was approved.

**WAIVERS OF GRADUATE TUITION AND FEES
FOR THE CHICAGO CIRCLE CAMPUS**

(32) In anticipation of the inauguration of graduate study at the Chicago Circle campus in 1967-68, the Dean of the Graduate College recommends that a total of twenty tuition-and-fee waivers be authorized for graduate students at that campus.

In accordance with prevailing practice at the other two campuses, students in the following categories would be eligible for such waivers: (a) holders of University fellowships; (b) holders of endowed fellowships that do not provide funds for the payment of tuition and fees; (c) recipients of tuition-and-fee awards who have no other form of financial aid.

This recommendation is endorsed by the Chancellor at the Chicago Circle campus and by the Executive Vice-President and Provost.

I concur.

On motion of Mr. Clement, this recommendation was approved.

**EMERGENCY APPROPRIATION TO REPLACE PROPERTY DESTROYED
BY FIRE AND THE WEIGHT OF ICE**

(33) The General Assembly has appropriated in Senate Bill 956 the sum of \$228,840 to replace property destroyed by fire and the weight of ice. The Governor approved the Bill on May 10, 1967. The Vice-President and Comptroller recommends that this sum be appropriated to replace equipment in the Motion Picture Services Unit and the Digital Computer Laboratory, to replace Radio Station WILL towers, and to repair the Digital Computer Laboratory Building.

I concur.

On motion of Mr. Swain, this appropriation was made by the fol-

lowing vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Dr. Weatherly; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page.

**AUTHORIZATION TO LOWER AGE REQUIREMENTS RELATED
TO HOUSING FOR SINGLE UNDERGRADUATE STUDENTS**

(34) At present the University requires single undergraduate students under age twenty-three at the Urbana campus to live in University-approved housing. The Dean of Students at Urbana has recommended that, effective next year, the age requirement be reduced to twenty-two; and that a subsequent reduction to age twenty-one be made as soon thereafter as feasible and consistent with the University's financial obligations.

Therefore, I ask authorization to make adjustments in the age requirements as may be desirable and consistent with the University's obligations. This authorization would immediately be used to implement the Dean's recommendation for 1967-68.

It appears that the immediate effects of the change to age twenty-two on the University's commitments to bond holders, on the supply of student housing, fraternities, sororities, or other private housing, will be negligible.

On motion of Mr. Swain, authority was given as requested.

Memorandum Concerning Proposed Changes in Housing Regulations

Presently the University requires all single undergraduate men and women under twenty-three years of age as of September 15 of any particular academic year to live in housing approved by the University for the entire academic year. After extensive study, and with the concurrence of his staff, including the staff of the Housing Division, the Dean of Students is recommending:

1. That the principle of reducing to twenty-one the age at which single undergraduate men and women will be free to choose their own housing without regard to University approval, be adopted, and the schedule for the implementation of such policy be established after further study.
2. That with regard to students twenty-two years of age and over, the following policy be adopted effective September, 1967:

"All single undergraduate men and women who will be twenty-two years of age by January 1 of the academic year may elect to live in housing of their choice. All other single undergraduate students must reside in approved housing for the entire academic year unless specific permission is granted by the Dean of Men or Dean of Women."

It is recognized that, because of economic factors, bond commitments, the availability of apartments for married students, and related questions, the reduction in the age requirement from twenty-three to twenty-one can not be accomplished in one step. A further reduction from age twenty-two to age twenty-one, if approved in principle, would be implemented only after a thorough assessment had been made of the effects of lowering the age requirement to twenty-two, and there had been an opportunity to work with fraternities, sororities, private operators, and others who could be affected to work out effective means of adjusting to the change.

The immediate effects of reducing the age requirement to twenty-two on bond commitments, the supply of married student housing, fraternities, sororities, and other private housing should be negligible because of the small number of students involved. During the fall semester 1966-67, there were only 443 students in approved housing who were twenty-two years of age. Based on experience with those students now eligible to live in uncertified housing, no more than 100 to 200 of these will move out of approved housing. The effects in specific areas of concern would probably be as follows:

1. There should be little effect on the University's bond commitments: it is anticipated that no more than 45 to 90 students would move out of the halls and into uncertified housing.
2. The effect on fraternities and sororities would also be negligible: there are presently only 72 men and 10 women age twenty-two living in these facilities,

- and no more than 15 to 30 of these are expected to move into apartments. By rushing additional new members, this loss could be offset.
3. The effect on other private housing will also be negligible: only 167 students would be involved, of whom only 40 to 80 are actually expected to move.
 4. The effect on the supply of married student housing should not be great: only 100 to 200 students are expected to move into apartments, and these will occupy no more than 50 to 100 apartments inasmuch as two or more students usually live together. The completion by the University of 252 new low-cost married student apartments in September, 1968, should alleviate any shortage in the supply of lower cost apartments that might result from these 50 to 100 apartments being absorbed by single students.

Later reduction to age twenty-one has considerable potential for affecting each of the four areas mentioned above because of the numbers of students involved. There are approximately 1,800 single undergraduate students twenty-one years of age now living in approved housing compared to only 443 students twenty-two years of age. The present over-supply of housing, which will not be materially extended as a result of reducing the age requirement of twenty-two, could be greatly aggravated if caution is not exercised in reducing the age requirement further. Furthermore, it will be necessary to gain experience from the twenty-two year old students before reasonable projections can be made as to the effects of permitting the much larger twenty-one year old student population to live wherever they choose.

A delay in reducing the age requirement to twenty-one will give fraternities and sororities time to assess their experiences with the initial age reduction and to plan to adapt themselves to the new policy. Similarly, private housing operators, with the assistance of the Housing Division, will have an opportunity to adjust on the basis of experience.

The 252 new married student housing units will have been completed by September, 1968, and the availability of these units will serve to minimize the effects of the further age adjustment on the supply of married student housing. It is unlikely that the necessary plans for adjusting to a more liberalized policy will be seriously undertaken by these housing groups unless the principle (but not the implementing time schedule) of reducing the age requirement to twenty-one is accepted and publicized now. Furthermore, the adoption of such a principle now would permit the University to develop its own housing program on assumptions more firmly based.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations, declinations, and terminations; leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was approved by the President of the University. C = College; S = Station; E = Extension.)

Chicago Circle

- GEORGE L. BROWN, Instructor in Electrical Engineering, Department of Information Engineering, academic year 1967-68, \$8,250 (4-3-67).
- JOSEPH P. COLACO, Lecturer in Architecture, spring quarter 1966-67, \$3,000 (4-3-67).
- RALPH W. CONRAD, Instructor in Accounting, $\frac{1}{3}$ time, spring quarter 1966-67, \$1,000 (4-13-67).
- GERALD A. DANZER, Instructor in Education, $\frac{1}{2}$ time, and Instructor in History, $\frac{1}{2}$ time, spring quarter 1966-67, \$2,400, supersedes, and for the academic year 1967-68, \$10,000 (4-3-67).
- MARTIN D. DUBIN, Lecturer in Architecture, $\frac{1}{2}$ time, spring quarter 1966-67, \$1,666.98 (4-3-67).
- DEAN W. FAULWELL, Instructor in German, academic year 1967-68, \$8,500 (3-22-67).
- BARRY GROSS, Visiting Lecturer in Philosophy, $\frac{3}{10}$ time, spring quarter 1966-67, \$800 (4-12-67).
- MRS. GLORIA HILKER, Assistant Professor of Health Science and Medical Adviser to Women, February 11-March 31, 1967, \$15,000 a year, supersedes (3-22-67).

- PHILIP A. KUPRITZ, Lecturer in Architecture, spring quarter 1966-67, \$3,000 (4-3-67).
- PETER LÖHNBERG, Instructor in Bioengineering, Department of Information Engineering, academic year 1966-67, without salary (2-22-67).
- GERARD J. MIKOL, Research Associate in Chemistry, eleven months from October 1, 1966, \$7,000 a year, supersedes (3-7-67).
- LYN D. PANKOFF, Instructor in Economics, spring quarter 1966-67, \$3,000 (4-17-67).
- MRS. BARBARA F. PILKEY, Instructor in Chemistry, academic year 1966-67, \$6,000 (4-3-67).
- THOMAS M. POOL, Instructor in German, academic year 1967-68, \$6,500 (4-4-67).
- MRS. SHIRLEY L. PUNDT, Lecturer in Architecture, $\frac{1}{2}$ time, spring quarter 1966-67, \$1,500 (4-3-67).
- LOUIS ROCAH, Lecturer in Architecture, spring quarter 1966-67, \$3,667 (4-3-67).
- INGVAR SCHOUSBOE, Visiting Professor of Architecture, $\frac{1}{2}$ time, spring quarter 1966-67, \$1,500 (4-3-67).
- SHLOMO SHALIT, Instructor in Economics, $\frac{2}{3}$ time, spring quarter 1966-67, \$2,000 (4-13-67).
- ROBERT STIEGLER, Lecturer in Art, spring quarter 1966-67, \$7,000 a year (4-4-67).
- ANTHONY S. TADIN, Lecturer in Architecture, $\frac{1}{2}$ time, spring quarter 1966-67, \$1,500 (4-3-67).
- WILLIAM A. TODD, Assistant to Dean of Men, four months from February 16, 1967, \$2,200 (3-27-67).
- MRS. PHEBE VAN VALEN, Instructor in Biological Sciences, winter and spring quarters 1966-67, \$4,666 (2-24-67).
- DIANA L. WESTGATE, Instructor in German, academic year 1967-68, \$6,500 (4-4-67).
- JOHN S. WILLIAMS, Visiting Lecturer in Geology, $\frac{2}{3}$ time, spring quarter 1966-67, \$1,100 (4-4-67).

Medical Center

- HERBERT S. CARLIN, Director of Hospital Pharmacy and Assistant Professor of Hospital Pharmacy, College of Pharmacy, four months from May 1, 1967, \$18,350 a year, supersedes (4-3-67).
- JAMES FAUNTLEROY, Staff Pharmacist, College of Pharmacy, four months from May 1, 1967, \$8,800 a year, supersedes (4-3-67).
- BEVERLY J. FIORELLA, Instructor in Curriculum in Medical Technology, School of Associated Medical Sciences, College of Medicine, four months from May 1, 1967, \$10,500 a year (4-13-67).
- BRUCE D. FRISBIE, Research Sociologist in the Division of Services for Crippled Children, \$12,000 a year, and Instructor in Sociology, Department of Pediatrics, College of Medicine, without salary, five months from April 1, 1967 (4-21-67).
- NATHANIEL GRANT, Staff Pharmacist, College of Pharmacy, four months from May 1, 1967, \$8,500 a year, supersedes (4-3-67).
- MRS. MARILYN GUSTAFSON, Staff Pharmacist, College of Pharmacy, four months from May 1, 1967, \$8,600 a year, supersedes (4-4-67).
- FREDERICK HEINKEL, Staff Pharmacist, College of Pharmacy, four months from May 1, 1967, \$8,800 a year, supersedes (4-3-67).
- W. A. JOHNSON, Assistant Director of Hospital Pharmacy and Clinical Instructor in Pharmacy, College of Pharmacy, four months from May 1, 1967, \$12,000 a year, supersedes (4-3-67).
- MITSUAKI KAKINUMA, Research Associate in Microbiology, College of Medicine, March 29-August 31, 1967, \$7,600 a year (4-13-67).
- ARTHUR KING, Staff Pharmacist, College of Pharmacy, four months from May 1, 1967, \$9,150 a year, supersedes (4-3-67).
- JOAN D. MARKUS, Staff Pharmacist, College of Pharmacy, four months from May 1, 1967, \$8,800 a year, supersedes (4-3-67).
- LOUIS P. MARTINI, Staff Pharmacist, College of Pharmacy, four months from May 1, 1967, \$8,500 a year, supersedes (4-3-67).
- ROBERT E. PEARSON, Assistant Director of Hospital Pharmacy and Clinical Instructor in Pharmacy, College of Pharmacy, four months from May 1, 1967, \$11,000 a year, supersedes (4-3-67).
- PHILANDER RICKS, JR., Clinical Assistant Professor of Obstetrics and Gynecology, College of Medicine, two months from July 1, 1967, without salary, supersedes his appointment with salary (3-22-67).
- JOHN C. RITOLA, Staff Pharmacist, College of Pharmacy, four months from May 1, 1967, \$8,300 a year, supersedes (4-3-67).

- RUSSELL L. SCHWEITZER, Assistant Director of Hospital Pharmacy and Clinical Instructor in Pharmacy, College of Pharmacy, four months from May 1, 1967, \$11,500 a year, supersedes (4-3-67).
- JAMES C. WRIGHT, JR., Assistant Professor of Pediatrics, College of Medicine, $\frac{1}{2}$ time, March 16-August 31, 1967, \$4,000 a year, supersedes his nonsalaried appointment (4-3-67).

Urbana

- RACHEL E. ANDERSON, Assistant Editor, University Press, $\frac{4}{5}$ time, March 6-August 31, 1967, \$6,400, supersedes (3-23-67).
- RICHARD J. ANDERSON, Lecturer and Assistant to the Director of the Jane Addams Graduate School of Social Work, one year from September 1, 1967, \$13,000 (4-13-67).
- L. A. AREHART, JR., Assistant Animal Scientist, Department of Animal Science (S), five months from April 1, 1967, \$7,000 a year (3-27-67).
- CHARLES R. ATHERTON, Lecturer in the Jane Addams Graduate School of Social Work, one year from September 1, 1967, \$11,000 (3-16-67).
- EDWIN BAY, Adviser to the Director of Extension at the Uttar Pradesh Agricultural University, Pant Nagar, India, for service under Contract No. USAID/ nesa-150, May 1-May 12, 1967, \$16,300 a year (4-12-67).
- MARION W. BENFIELD, JR., Associate Professor of Law, Summer Session of 1967, June 12-July 19, 1967, \$2,334 (4-18-67).
- NUR ALI BORUMAND, Visiting Lecturer in Music, one month from May 1, 1967, \$1,170 (3-27-67).
- HARRY S. BROUDY, Professor of Philosophy of Education, Summer Session of 1967, June 19-August 12, 1967, \$2,206, supersedes (4-21-67).
- DAVID R. BROWNING, Associate Agronomist, Department of Agronomy (S), $\frac{1}{2}$ time, two months from July 1, 1967, \$4,990 a year, supersedes (3-31-67).
- ALBERT CAROZZI, Professor of Geology, Summer Session of 1967, July 24-August 12, 1967, \$1,317 (4-13-67).
- ARTHUR B. CARROLL, Senior Research Engineer in Computer Science, for two months from July 1, 1967, \$16,000 a year, and for one year from September 1, 1967, \$16,000 (3-17-67).
- SISTER MARIE CAROLINE CARROLL, Visiting Lecturer in Elementary Education, College of Education, two months from June 16, 1967, \$1,600 (3-27-67).
- DO REN CHANG, Research Associate in Chemistry, one year from September 1, 1967, \$6,900 (4-3-67).
- CARLETON A. CHAPMAN, Professor of Geology, Summer Session of 1967, July 3-July 15, 1967, \$925 (4-13-67).
- JULIE CHI HSIAO CHU, Research Programmer in Computer Science, Graduate College, one year from September 1, 1967, \$8,500 (2-21-67).
- MRS. FRANCES F. CRAWFORD, Instructor in Music, academic year 1967-68, \$7,500 (4-11-67).
- JOHN E. CRIBBET, Professor of Law, Summer Session of 1967, July 20-August 26, 1967, \$4,167 (4-19-67).
- MRS. LORAIN P. DEAN, Visiting Lecturer in Elementary Education, College of Education, two months from June 16, 1967, \$1,600 (3-27-67).
- JOHN E. DILLON, Associate Agronomist, Department of Agronomy (S and E) two months from July 1, 1967, \$791.67 (3-31-67).
- BENNIE B. DOANE, Assistant Animal Scientist, Department of Animal Science (C and S), five months from April 1, 1967, \$8,000 a year (3-27-67).
- RENE H. DUBUS, Assistant Biochemist in Plant Pathology (S), five months from May 1, 1967, \$7,700 a year, supersedes his nonacademic appointment (4-5-67).
- CLIVE F. DUNHAM, Professor of Accountancy, Summer Session of 1967, June 19-August 12, 1967, \$3,467 (4-10-67).
- JACK C. EVERLY, Extension Communication Specialist and Instructor in Agricultural Communications (E), six months from March 1, 1967, \$10,500 a year, supersedes (3-7-67).
- EDWARD FREITER, Research Associate in Chemistry, one year from September 1, 1967, \$7,200 (4-3-67).
- BERNARD Z. FRIEDLANDER, Visiting Lecturer in Elementary Education, College of Education, two months from June 16, 1967, \$3,750 (3-27-67).
- DONALD S. GALITZ, Research Associate in Agronomy (S), March 6-August 31, 1967, \$8,000 a year (3-23-67).

- DONALD S. GARRIGAN, Assistant Meat Technologist in Animal Science (C and S), five months from April 1, 1967, \$9,000 a year (3-27-67).
- CESARE GIANTURCO, Clinical Professor of Physiology, academic year service basis from April 1, 1967, without salary (4-13-67).
- JOAN E. GOOD, Instructor in Speech and Theatre, Summer Session of 1967, June 19-August 12, 1967, \$1,400, supersedes one-half time Summer Session appointment (2-20-67).
- ROGER D. HAIGHT, Visiting Assistant Professor of Food Science (S), June 12-August 12, 1967, \$2,400 (3-17-67).
- AARON HANKIN, Visiting Assistant Professor in the Curriculum Laboratory, College of Education, July 3-August 25, 1967, \$2,300 (3-17-67).
- HARLAN K. HENDERSON, Assistant Animal Scientist, Department of Animal Science (S), five months from April 1, 1967, \$7,300 a year (3-27-67).
- JOHN W. HEUSSMAN, Library Administrative Assistant, with rank of Instructor, in the Library, one year from September 1, 1967, \$14,000 (3-27-67).
- BARNARD W. HEWITT, Professor in the Department of Speech and Theatre, Summer Session of 1967, ½ time, June 19-August 12, 1967, \$1,789 (4-4-67).
- GORDON A. HOKE, Specialist in Education, College of Education, six months from March 1, 1967, \$6,000 (4-3-67).
- JULIUS N. HOOK, Director of ISCPET (Government Project), Department of English, two months from June 16, 1967, \$1,856 (3-23-67).
- WILLIAM L. HOTTINGER, Instructor in Physical Education for Men, ¾ time, two months from June 16, 1967, \$720, additional appointment (4-12-67).
- LEROY IMDIEKE, Instructor in Accountancy, Summer Session of 1967, ½ time, June 19-August 12, 1967, \$656 (4-3-67).
- MRS. JEAN E. JACOBSON, Visiting Lecturer in Elementary Education, College of Education, two months from June 16, 1967, \$1,600 (3-27-67).
- A. J. JANATA, Staff Associate in the Office of the President, ¾ time, April 16-May 31, 1967, \$1,395.33 a month (4-13-67).
- MASAO KATO, Visiting Associate Professor of Computer Science, one year from April 1, 1967, \$15,000 (3-17-67).
- KURT KLEIN, Associate Professor in the Department of Slavic Languages and Literatures, Summer Session of 1967, ¾ time, June 19-August 12, 1967, \$1,834, supersedes (4-4-67).
- RICHARD J. KOSTELNICEK, Instructor in Electrical Engineering (C), 1 7/100 time, February 1-June 15, 1967, \$500, supersedes (4-7-67).
- PAUL E. LAMB, Assistant Animal Scientist, Department of Animal Science (C and S), five months from April 1, 1967, \$7,700 a year (3-27-67).
- PHILIP J. LANE, JR., Instructor in Radio-Television, College of Journalism and Communications, academic year 1967-68, \$8,500 (3-3-67).
- RALPH L. LANGENHEIM, Associate Professor of Geology, Summer Session of 1967, June 19-August 12, 1967, \$2,478 (4-17-67).
- MRS. MARY LATHROPE, Visiting Lecturer in the Graduate School of Library Science, Summer Session of 1967, June 19-August 12, 1967, \$2,200 (4-13-67).
- A. J. LEGGETT, Research Associate in Physics (C), five months from April 1, 1967, \$800 a month (2-14-67).
- EDWIN D. LUKE, Professor of Mechanical and Industrial Engineering, Summer Session of 1967, ½ time, June 19-August 12, 1967, \$1,556, supersedes (3-15-67).
- RONALD G. MARTIN, Research Engineer in Computer Science, one year from September 1, 1967, \$9,200 (2-21-67).
- JOSEPH E. MATHERLY, Assistant Research Chemist, Department of Civil Engineering (S), March 15-August 31, 1967, \$7,800 (3-22-67).
- JOHN M. MCKINLEY, Visiting Lecturer in Physics, Summer Session of 1967, June 19-August 12, 1967, \$3,000 (4-13-67).
- ELSE G. MENG, Specialist in Education, in the Curriculum Laboratory, July 3-August 11, 1967, \$1,300 (3-17-67).
- LAWRENCE E. METCALF, Professor of Secondary and Continuing Education, Summer Session of 1967, June 19-July 15, 1967, \$1,706, supersedes (2-28-67).
- GERALD G. MONTGOMERY, Research Associate in the State Natural History Survey and in the Graduate College, ten months from March 1, 1967, \$7,980 a year, supersedes (3-7-67).
- AKIRA MURATA, Research Associate in Physiology, six months from March 1, 1967, \$6,600 a year (4-3-67).

- JOHN W. MURDOCK, Assistant Professor of Theoretical and Applied Mechanics, Summer Session of 1967, ½ time, June 19-August 12, 1967, \$1,045 (3-29-67).
- VICTOR V. MYERS, Printing Expert at the Njala University College, Njala, Sierra Leone, Africa, for service under Contract USAID/Afr-293, three months from April 1, 1967, \$16,000 a year (4-3-67).
- FRANCIS L. NASCA, Assistant Professor in the Department of Speech and Theatre, Summer Session of 1967, June 19-August 12, 1967, \$1,834, supersedes (4-19-67).
- JOSÉ R. PAGES, Assistant Law Librarian, with rank of Assistant Professor, in the Library, five months from April 1, 1967, \$9,100 a year, supersedes (4-13-67).
- MRS. RUBY J. PHILLIPS, Specialist in Education, Summer Session of 1967, June 19-August 12, 1967, \$1,600 (3-24-67).
- GEORGE H. RAMSEY, Assistant Professor of Architecture, Summer Session of 1967, June 19-August 12, 1967, \$2,067 (4-4-67).
- NAGESWARA RAO, Visiting Lecturer in the Program in South Asian Studies, Summer Session of 1967, June 20-August 25, 1967, \$1,279 (4-4-67).
- ROBERT S. REVAK, Instructor in the Division of General Studies, Summer Session of 1967, June 19-August 12, 1967, \$1,556 (3-24-67).
- DANKWARD SCHMID, Research Associate in Physics and in the Materials Research Laboratory (C), ten months from November 1, 1967, \$9,000 a year (3-17-67).
- HOWARD J. SHAUGHNESSY, Professor of Public Health on the Faculty of Medicine, Chiangmai Hospital, Chiangmai, Thailand, for service under Contract AID/fe-2 for one month from April 1, 1967, \$28,875 a year; and Professor of Public Health, College of Medicine, ¾ time, indefinite tenure from May 1, 1967 (4-3-67).
- DANIEL L. SLOTNICK, Professor of Computer Science, indefinite tenure from April 1, 1967, academic year service basis, \$26,100 a year, supersedes (4-13-67).
- HOBART M. SMITH, Professor of Zoology, Summer Session of 1967, June 19-August 12, 1967, \$3,778 (4-4-67).
- ROBERT G. STEFANEK, Instructor in Electrical Engineering (C), ½ time, February 1-June 15, 1967, \$1,350, supersedes (4-7-67).
- MICHIHIRO SUGAHARA, Research Associate in Animal Science (S), one year from September 1, 1967, \$7,000 (4-3-67).
- CHRISTIAAN SYBESMA, Research Associate Professor of Botany and of Biophysics, six months from March 1, 1967, \$12,000 a year supersedes (3-3-67).
- EUGENIO TELLEZ, Visiting Assistant Professor of Art, Summer Session of 1967, ¾ time, June 19-August 12, 1967, \$1,334 (2-28-67).
- ROBERT J. TRACEY, Instructor in Electrical Engineering (C), 17/100 time, February 1-June 15, 1967, \$500, supersedes (4-7-67).
- NELSON D. WAKEFIELD, Professor of Accountancy, Summer Session of 1967, June 19-August 12, 1967, \$3,334 (4-10-67).
- HAROLD R. WANLESS, Professor of Geology, Summer Session of 1967, July 10-July 15, 1967, \$528 (4-13-67).
- DORIS A. WHITE, Visiting Lecturer in Elementary Education, College of Education, two months from June 16, 1967, \$1,600 (3-27-67).
- STEPHEN H. WILLIAMS, Management Methods Analyst in the Statistical Service Unit, five months from April 1, 1967, \$11,000 a year (4-17-67).
- RICHARD H. WILSON, Research Associate in Agronomy, five months from April 1, 1967, \$8,000 a year (4-13-67).
- MRS. VELMA K. WILSON, Professor of Music and Counselor on Teacher Education, September 16, 1966-June 15, 1967, \$12,600, supersedes (4-13-67).

DECLINATIONS, RESIGNATIONS, AND TERMINATIONS
Chicago Circle

- THOMAS J. ANTON, Associate Professor of Political Science — resignation effective September 1, 1967.
- HOWARD CORDELL, Reference Librarian with rank of Assistant Professor — resignation effective July 22, 1967.
- LLOYD E. DODD, Instructor in English, Summer Quarter of 1967 — declination effective June 16, 1967.
- GUNNEVERE L. GRIEST, Associate Professor of English, Summer Quarter of 1967 — declination effective June 16, 1967.
- LAWRENCE JACQUES, Assistant Professor of Health Science and Staff Physician in the Health Service — resignation effective April 1, 1967.

HAROLD W. KERSTER, Instructor in Biological Sciences, Summer Quarter of 1967 — declination effective June 16, 1967.

ROBERT W. MAJOR, Instructor in English, Summer Quarter of 1967 — declination effective June 16, 1967.

DON A. MASTERTON, Associate Professor of Art — resignation effective September 1, 1967.

ROBERT J. PARELIUS, Instructor in Sociology — resignation effective September 1, 1967.

Medical Center

HILDA KNOBLOCH, Professor of Pediatrics, College of Medicine — resignation effective July 1, 1967.

CLIFFORD G. PILZ, Associate Professor of Medicine, College of Medicine — resignation effective March 1, 1967.

JOSEPH V. SIMONE, Instructor in Pediatrics, College of Medicine — resignation effective July 1, 1967.

Urbana

DENNIS J. AIGNER, Associate Professor of Economics — resignation effective September 1, 1967.

HELMY H. BALIGH, Associate Professor of Business Administration — resignation effective September 1, 1967.

ALEX BANNATYNE, Principal Specialist in Education, Department of Special Education, Summer Session of 1967 — declination effective June 19, 1967.

DAVID C. BAUM, Associate Professor of Law, Summer Session of 1967 — resignation effective June 12, 1967.

NOLA Z. DEIMER, Instructor in Speech, Summer Session of 1967 — declination effective June 19, 1967.

WILLIAM J. FRANCIS, Research Associate in the State Natural History Survey and in the Graduate College — termination effective April 1, 1967.

CHARLES GOETZ, Assistant Professor of Economics — resignation effective September 1, 1967.

LEW LAPIDUS, Instructor in Slavic Languages and Literatures — resignation effective September 1, 1967.

CHIN KEE LEE, Research Associate in Food Science — resignation effective May 23, 1967.

MRS. DILYS E. MADISON, Illini Union Browsing Room Librarian with rank of Instructor — resignation effective August 7, 1967.

GEORGE R. MALTBY, Cataloger with rank of Instructor in the Library — resignation effective June 1, 1967.

GEORGE E. FERRINE, Instructor in Electrical Engineering, Summer Session of 1967 — declination effective June 19, 1967.

P. N. RANGACHARI, Research Associate in Chemistry — resignation effective May 16, 1967.

NEIL H. SCHILMOELLER, Assistant Professor of Nuclear Engineering, Summer Session of 1967 — declination effective June 19, 1967.

JANE SCHLEICHER, Instructor in Music — resignation effective September 1, 1967.

R. V. SERAUSKAS, Research Associate in Chemistry — resignation effective May 13, 1967.

MRS. KYLE H. SIBINOVIC, Instructor in Veterinary Pathology and Hygiene — resignation effective May 27, 1967.

STEVAN M. SIBINOVIC, Research Associate in Veterinary Pathology and Hygiene — resignation effective May 19, 1967.

GERALD L. STORM, Field Ecologist in the State Natural History Survey and in the Graduate College — termination effective April 16, 1967.

BETTY A. STREET, Assistant Professor of Textiles and Clothing, Department of Home Economics — resignation effective September 1, 1967.

JOHN M. TUCKER, Administrative Assistant in Commerce and Business Administration and Instructor in Business Administration — resignation effective July 1, 1967.

LOUIS D. VOLPP, Associate Professor of Business Administration, College of Commerce and Business Administration, and Associate Provost, Office of the Executive Vice-President and Provost — resignation effective September 1, 1967.

BARBARA A. YATES, Assistant Professor of History and Philosophy of Education, Summer Session of 1967 — resignation effective June 19, 1967.

LEAVES OF ABSENCE

Urbana

- ALFRED W. ALLEN, Professor of Ceramic Engineering and of Nuclear Engineering (C) — leave of absence, without pay, for Semester I 1967-68, in order to gather and organize material for a new course in nuclear ceramics.
- JAMES W. CAREY, Assistant Professor of Journalism and Research Assistant Professor of Communications, College of Journalism and Communications — leave of absence, without pay, for Semester II 1967-68, in order to complete research and to teach at Pennsylvania State University.
- CHARLES E. CATON, Associate Professor of Philosophy — leave of absence, without pay, for Semester II 1967-68, to accept a visiting teaching position at Purdue University.
- MORRIS DAVIS, Associate Professor of Political Science — leave of absence, without pay, for Semester II 1967-68, in order to do research in connection with a Guggenheim Fellowship.
- NUEL P. DAVIS, Assistant Professor of English — leave of absence, without pay, on $\frac{2}{3}$ time, for Semester II 1966-67, to prepare a book for publication.
- ALICE G. HART, Associate Professor of Mathematics, Chicago Circle — leave of absence, without pay, for the academic year 1967-68, to participate in curriculum development and teacher training programs in the city of Chicago.
- DAVID M. JACKSON, Associate Dean of the College of Education and Professor of Educational Administration and Supervision — continuation of his leave of absence, without pay, for one year from September 1, 1967.
- WALTER PHILLIPS, Assistant Professor of Sociology, in the Department of Sociology and in the Institute of Labor and Industrial Relations — leave of absence, without pay, for one year from September 1, 1967, to serve as Visiting Lecturer in Sociology at the University of California at Davis.
- LAWRENCE M. STOLUROW, Professor of Psychology and of Educational Psychology, and in the Bureau of Educational Research — continuation of leave of absence, without pay, for the academic year 1967-68.
- FREDERICK D. WRIGHT, Professor of General Engineering and of Mining Engineering, College of Engineering — leave of absence, without pay, for the academic year 1967-68, to teach at the University of Kentucky.

**COMMENT BY MR. HOWARD W. CLEMENT ON REDUCTION
OF MINIMUM AGE REQUIREMENT RELATING
TO OFF-CAMPUS HOUSING**

Mr. Clement, in commenting upon the item in which the Board approved a reduction in the minimum age requirement relating to off-campus housing, expressed concern that inspection of such housing by the cities of Champaign and Urbana be of sufficiently high quality with respect to sanitation, safety, and so forth.

He suggested that some analysis be given to the question by way of comparing the standards and procedures carried out by the Cities and, heretofore, by the University. The President replied that such a report would be forthcoming.

On motion of Mr. Swain, the Board adjourned.

EARL W. PORTER
Secretary

WAYNE A. JOHNSTON
President

TOUR AND BOARD COMMITTEE MEETINGS

Following lunch, members of the Board and other University officers toured the new Illini Union.

The Board Committees on Buildings and Grounds, Finance, and General Policy met during the afternoon.

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

June 20, 1967



The June meeting of The Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Tuesday, June 20, 1967, beginning at 10:30 a.m.

President Wayne A. Johnston called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Theodore A. Jones, Mr. Harold Pogue, Mr. Timothy W. Swain. Governor Otto Kerner, Mr. Ray Page, and Dr. James A. Weatherly were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Mr. C. S. Havens, Director of the Physical Plant; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. James J. Costello, Legal Counsel; Mr. Eldon Johnson, Vice-President of the University; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. James B. Holderman, Assistant to the Chancellor, Chicago Circle; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. R. R. Manchester, Treasurer; Mr. H. O. Farber, Comptroller; and Mr. Earl W. Porter, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on July 27, 1966, and of the Executive Committee on July 8, 1966, press proof copies of which had previously been sent to the Board.

On motion of Mr. Grimes, these minutes were approved as printed on pages 1 to 71, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

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 Illinois Accountancy Act of 1943, as amended, 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 Certificate</i>
JOAN FRANKLIN BARNA	Wilmette, Illinois	Indiana
JOHN JOSEPH DETTENWANGER	Overland Park, Kansas	Missouri
JAMES PAUL HAWKINS	Gibson City, Illinois	Indiana
LAWRENCE O. KAPLAN	Chicago, Illinois	District of Columbia
LEONARD JOSEPH KUJAWA	Balboa Heights, Canal Zone	District of Columbia
WILLIAM WALTER MEIER	Winnetka, Illinois	Missouri
WILLIAM TOBIAS SALAM	Highland Park, Illinois	Texas
PHILIP LAWRENCE STEERS, JR.	Balboa Heights, Canal Zone	New York

I concur.

On motion of Mr. Johnston, these certificates were awarded.

APPOINTMENT TO CENTER FOR ADVANCED STUDY

(2) Upon recommendation of the Executive Committee of the Center for Advanced Study, and with the concurrence of the Dean of the Graduate College and the Executive Vice-President and Provost, I submit the nomination of Professor Adolf Sturmthal of the Institute of Labor and Industrial Relations as an Associate in the Center for Advanced Study, for the first semester of the academic year 1967-68, so that he may carry on his studies of the new methods of economic policy-making which are developing on the European and American continents as national governments assume greater responsibility for full employment.

On motion of Mr. Grimes, this appointment was approved.

SABBATICAL LEAVE OF ABSENCE, 1967-68

(3) In accordance with the provisions of the University of Illinois Statutes, I recommend that Dr. John Frederick Nims, Professor of English at Chicago Circle, be given a sabbatical leave of absence, on one-half pay, for the fall and winter quarters of the academic year 1967-68, so that he may devote full time to writing a book of poetry.

This recommendation is supplementary to the applications recommended to the Board of Trustees on March 14 and May 16, 1967.

On motion of Mr. Hughes, this leave was granted as recommended.

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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A — indefinite tenure; B — two years; D — one year; E — nine months from the beginning of the academic year; G — special tenure; Y — twelve months' service required instead of two semesters; 1-7 — indicates the number of years of service which will be credited at the end of the contract period toward completion of the probationary period relating to tenure.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

1. KURT BURIAN, Associate Professor of Electrical Engineering, in the Department of Information Engineering, Chicago Circle, beginning September 1, 1967, at an annual salary of \$13,500 (B).
2. STEWART COHEN, Assistant Professor of Educational Psychology, Urbana, for the 1967 Summer Session, at a salary of \$2,112, and, beginning September 1, 1967, at an annual salary of \$9,500 (1).
3. BOB I. EISENSTEIN, Assistant Professor of Physics, Urbana, beginning September 1, 1967, at an annual salary of \$11,000 (1).
4. DONALD W. GREEN, Visiting Associate Professor of Nuclear Engineering, Urbana, for two and one-half months from June 16, 1967, at a salary of \$3,750 (G).
5. RICHARD D. GREEN, Assistant Professor of Pharmacology, College of Medicine, beginning June 1, 1967, at an annual salary of \$12,000 (DY).
6. GEORGE W. HARDIMAN, Assistant Professor of Art, Urbana, beginning September 1, 1967, at an annual salary of \$10,000 (1).
7. JOHN H. HETRICK, Professor of Dairy Technology, in the Department of Food Science, Urbana, beginning September 1, 1967, at an annual salary of \$17,000 (AY).
8. RAYMOND M. LEUTHOLD, Assistant Professor of Agricultural Economics, Urbana, beginning September 1, 1967, at an annual salary of \$12,000 (1Y).
9. LÉON J. RICHELLE, Professor of Histology, College of Dentistry, beginning August 1, 1967, at an annual salary of \$17,000 (AY).
10. ROBERT R. REGL, Assistant Professor of Aeronautical and Astronautical Engineering, Urbana, beginning September 1, 1967, at an annual salary of \$10,500 (3).
11. ERIC H. ROBERTS, Visiting Associate Professor of Plant Physiology, in the Department of Agronomy, Urbana, for six months from April 1, 1967, at a salary of \$6,000 (G).
12. WILLIAM SCHUMER, Associate Professor of Surgery, College of Medicine, on 15 per cent time, beginning April 24, 1967, at an annual salary of \$3,500 (DY15).
13. BRIAN SKYRMS, Assistant Professor of Philosophy, Chicago Circle, beginning September 1, 1967, at an annual salary of \$11,900 (1).
14. JEREMIAH D. SULLIVAN, Assistant Professor of Physics, Urbana, beginning September 1, 1967, at an annual salary of \$11,000 (1).
15. DOROTHY R. THELANDER, Associate Professor of French, Chicago Circle, beginning September 1, 1967, at an annual salary of \$10,000 (B).
16. KENNETH S. TODD, JR., Assistant Professor of Veterinary Parasitology, in the Department of Veterinary Pathology and Hygiene, Urbana, beginning June 16, 1967, at an annual salary of \$10,000 (1Y).
17. IRWIN E. WALLIS, Associate Professor of Operative Dentistry, College of Dentistry, beginning September 1, 1967, at an annual salary of \$15,000 (AY).
18. JAMES L. WARDROP, Assistant Professor of Educational Psychology in the Center for Instructional Research and Curriculum Evaluation, Urbana, beginning September 1, 1967, at an annual salary of \$12,550 (1Y).
19. FRANCES E. WEBB, Assistant Professor and Assistant State Leader of Home Advisers in the Cooperative Extension Service in Agriculture and Home Economics, Urbana, beginning June 1, 1967, at an annual salary of \$11,500 (4Y).
20. CARL E. WILSEY, Associate Professor of Educational Administration and

Supervision, Urbana, for two years from September 1, 1967, at an annual salary of \$15,000 (B).

21. JON A. WRIGHT, Assistant Professor of Physics, Urbana, beginning September 1, 1967, at an annual salary of \$11,000 (1).

On motion of Mr. Swain, these appointments were confirmed.

DEANSHIP OF FACULTIES AT CHICAGO CIRCLE

(5) The Chancellor at Chicago Circle has recommended the appointment of Daniel C. McCluney, Jr., presently Professor of German on indefinite tenure and Acting Dean of the College of Liberal Arts and Sciences, as Dean of Faculties for the period beginning July 1, 1967, and ending August 31, 1969. The annual salary would be \$29,500 on a twelve-month basis.

Professor McCluney will succeed Dean Glenn Terrell who has resigned as of July 28, 1967, to accept the presidency of Washington State University.

The Chancellor's recommendation was made after consultation with the Chancellor's Advisory Council,¹ a special consultative committee appointed by the Chancellor,² and an ad hoc committee chosen by the Chicago Circle Senate to advise the Chancellor on the nomination of a Dean of Faculties.³

The Dean of the Graduate College and the Executive Vice-President and Provost endorse this recommendation.

I concur.

On motion of Mr. Pogue, this appointment was approved.

DEANSHIP OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES, CHICAGO CIRCLE

(6) On nomination of a special committee⁴ and after consultation with the Executive Committee of the College of Liberal Arts and Sciences, at Chicago Circle, I recommend the appointment of Dr. Dean B. Doner, Professor of English and Associate Dean of Humanities, Social Sciences, and Education at Purdue University, as Professor of English on indefinite tenure and Dean of the College of Liberal Arts and Sciences beginning August 15, 1967, at an annual salary of \$28,000 on a twelve months' service basis. The appointment as Dean will be from August 15, 1967, through August 31, 1969, which is consistent with the statutory provision of biennial tenure of deans, such appointments usually coinciding with the fiscal biennium.

On motion of Mr. Hughes, this appointment was approved.

HEADSHIP OF DEPARTMENT OF CHEMISTRY AND CHEMICAL ENGINEERING, URBANA

(7) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Professor Herbert S. Gutowsky as Head of the Department of Chemistry and Chemical Engineering, beginning September 1, 1967, on an academic year service basis.

Provision has already been made in the budget for 1967-68 for a salary for him of \$26,000 as Professor of Chemistry, and it is proposed that the sum of \$2,000

¹ The Chancellor's Advisory Council includes deans, directors, and certain other administrative officers at Chicago Circle, as well as three faculty members elected by the Senate.

² The members of the Chancellor's consultative committee are Leonard J. Currie, Dean of the College of Architecture and Art; David W. Levinson, Professor of Metallurgy and Associate Head of the Department of Materials Engineering (Chairman of the Senate Committee on Educational Policy); Robert V. Remini, Professor of History (Secretary of the Senate); R. Curtis Retherford, Professor of Physics and Associate Dean of the Graduate College; Victor E. Ricks, Professor of Education and Director of the Division of Education; William W. Tongue, Professor of Economics and Finance (Chairman of the Senate Committee on Committees).

³ The members of this group are Philip Dwinger, Professor of Mathematics; James P. Hartnett, Professor of Heat Transfer and Head of the Department of Energy Engineering; George A. Hinds, Professor of Architecture; Stanley L. Jones, Professor of History and Chairman of the Department; Robert B. Ogle, Professor of English and Head of the Department; Lawrence Stark, Professor of Bioengineering and Physiology, Department of Information Engineering.

⁴ Professors Glenn Terrell, Dean of Faculties; Hollis W. Barber, Professor of Political Science and Head of the Department; Robert L. Hall, Professor of Sociology and Head of the Department; Robert B. Ogle, Professor of English and Head of the Department; Jan Rocek, Professor of Chemistry; John B. Wolf, Professor of History; A. V. Wolf, Professor of Physiology and Head of the Department, Medical Center.

be added to that amount in recognition of the increased responsibilities he will be assuming.

This appointment will replace Professor Herbert E. Carter who will become Vice-Chancellor for academic affairs in Urbana on September 1, 1967. The appointment of Professor Gutowsky was recommended by a special search committee¹ and was approved by the Executive Committee of the College of Liberal Arts and Sciences. The Executive Vice-President and Provost and the Dean of the Graduate College support this appointment.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

PROGRAM FOR STUDY IN EUROPE FOR STUDENTS IN ARCHITECTURE

(8) On November 10, 1966, the Board approved a program for study in Europe for students in architecture. The program has been in operation since January 1, 1967, at the Chateau of LaNapoule in southern France; however, the arrangement with the LaNapoule Art Foundation for the use of these facilities terminated June 1, 1967.

The Department of Architecture considers the program successful and desires to continue with it. The termination of the agreement with the LaNapoule Art Foundation requires that other arrangements be developed. Mr. Pierre Lachaux, a French citizen, will lease living quarters, office space, and a newly constructed studio in LaNapoule for the period October 1, 1967, to May 31, 1968, at \$6,000, with an option to renew for the next academic year. Under the proposed lease, Mr. Lachaux will provide space to conduct the program, office space, living quarters, and pay the cost of utilities and taxes. The participating students have agreed to provide financial support to a maximum of \$100 per student for the program. This support will provide the funds for the lease.

Instruction at LaNapoule would be given by four members of the Department. The instructional load would be eleven full-time equivalent students per instructor, which is slightly higher than that for junior-level students in architecture at Urbana-Champaign. The total costs of instruction will not exceed those at Urbana-Champaign so far as the expenditure of state funds is concerned. Students would incur approximately the same living costs as they presently do at the Urbana campus, plus travel and personal expenses.

The Dean of the College of Fine and Applied Arts and the Executive Vice-President and Provost recommend the continuation of this program, with authorization for the Vice-President and Comptroller to execute such contracts as may be necessary.

I concur.

On motion of Mr. Jones, this recommendation was approved.

REORGANIZATION OF LIBRARY ADMINISTRATION

(9) On April 19, 1967, the Board of Trustees approved, provisionally, a modification of Section 19 of the *University of Illinois Statutes* to provide for a reorganization in the administration of the libraries of the University and, in accordance with the *Statutes*, asked for advice of the Faculty Senates on each campus.

Each Senate² has concurred in the general policy proposals as provisionally approved. The complete text of the program appears in the minutes of the meeting of April 19, 1967.

Therefore, I now recommend final approval of these recommendations and

¹ L. Leon Campbell, Professor and Head of the Department of Microbiology, Chairman; Theodore L. Brown, Professor of Inorganic Chemistry; Harry G. Drickamer, Professor of Chemical Engineering and Member of the Center for Advanced Study; Willis H. Flygare, Professor of Physical Chemistry; Lowell P. Hager, Professor of Biochemistry; H. A. Laitinen, Professor of Analytical Chemistry and Associate Head of the Department; Nelson J. Leonard, Professor of Inorganic Chemistry; Charles P. Slichter, Professor of Physics.

² The Chicago Circle Senate has requested future clarification with respect to composition of the proposed University Council of Libraries and with respect to the function of the Senate Library Committee; this request will receive administrative attention. Nevertheless, the Chicago Circle Senate indicated, "Above all, however, we are concerned that the proposed reorganization of library administration be not delayed, and we place highest priority upon its adoption."

modification of Section 19 of the *University of Illinois Statutes* to reflect the changes adopted.

On motion of Mr. Swain, this recommendation and the proposed revision of Section 19 of the *University of Illinois Statutes* were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

STATEMENT ON THE DEAN OF STUDENTS

(10) At this point, President Johnston recognized President Henry for a statement on the Dean of Students.

I take this occasion to express to the Board of Trustees my high regard for the way Dean Stanton Millet has conducted his office and for the manner in which he has represented the University in the areas of his responsibilities.

Dr. Millet's first year as Dean of Students at the Urbana-Champaign campus coincided with a period of unprecedented student protests. These protests and criticism ranged from sincere and constructive efforts to change University regulations and practices in regular channels to picketing and "sit-ins" some of which appear to have been organized for the purpose of confrontation rather than deliberation or problem-solving. In the course of these activities, Dean Millet has been subjected to unjustified personal criticism and careless misrepresentation of his views and of the nature of his duties.

Throughout the year, Dean Millet has met criticism with composure and unfounded allegations with analysis and reason. Further, he has taken the initiative in improving communication among all segments of the University community and given leadership to improvements in procedures and practices where changes have appeared to be justified.

Because a good deal of the year has been spent in meeting with individuals and groups beyond those officially assigned to duties in organized student relations and to dealing with problems and situations raised by the organized protest activities, consideration of some of the earlier plans for improving relationships have been delayed.

I hope that Dean Millet will have the opportunity in 1967-68 to explore and carry out a number of the plans which he has had in mind. I have asked him to take a few minutes at the meeting today to make some observations on the work of his office during the next year.

Dean Millet in response made the following comments :

A few weeks ago, a student asked me what I thought was my greatest personal accomplishment during the year. I answered, "Survival." But if he had asked me to assess the accomplishments of the campus in general, I would have said that 1966-67 was, in my view, among the most significant of our first hundred years. The faculty, the administration, and the students have begun to question the nature of our University, to explore the meaning of student affairs as a part of higher education, and to set forth certain rights, hopes, and principles that will be of paramount importance to the University in its next hundred years. The discussion has been abrasive, unsettling, but in the final analysis, vital to our life as a place of learning.

First, we have argued the question of academic freedom for students. What is at issue has not always been clear, for the principle itself is unfamiliar — though not really new. The German universities of the nineteenth century, from whom we derive much of our character, asserted the value not only of *Lehrfreiheit* — the traditional academic freedom of professors — but also of *Lehrenfreiheit*, the freedom of students to pursue their education largely in their own way. We adopted the first of these; the second has escaped us until very recently.

What our students are now demanding is not the freedom of the professor to teach his subject according to his own lights, but the freedom of the students to discuss publicly the most controversial issues, and to hear committed advocates of positions that may appear outrageous, amoral, or subversive. There is no question about the right to hear committed advocates when they are placed in a clearly academic context, with opportunities for rational discourse. The professor may invite to his classroom whomever he chooses, and none will criticize. But a question is raised when a student group invites, for example, the leader of the American

Nazi Party, or an advocate of free love, LSD, or marijuana, or someone who plans to recite the sayings of Chairman Mao. These types of presentation have an impact that is less intellectual than visceral. As such, they may appear alien to the academic way of life, and they are fearfully rejected. Whereupon we arrive at a curious impasse. The administration, arguing from the traditional definition of academic freedom, asserts that there are no limitations on rational discourse on this campus — and they are right. But the students, arguing from a different conception of freedom, assert that their right to learn, and even their right of free speech, has been denied.

In the year ahead, we shall certainly be engaged with this question. Personally, I believe that there is educational benefit in exposure to those with different commitments — even to eccentric or anti-social causes. I am confident students can judge better than we have previously supposed, and I hope that the limits that are set, if any, will be flexible and unobtrusive.

A second major issue is social freedom. It has become increasingly clear that the day of an effective role for the university in *loco parentis* is dead. Our students are not boys and girls, but men and women. Student government is not controlled play, preparing leaders for real life. It is real life, concerned with real problems of citizenship that are crucial to the life of the university and the nation. In common with other colleges and universities, we have tended to bind students with a network of rules and regulations. During the past year, however, in such matters as women's hours and general housing regulations, we have begun to transfer to students some of the responsibility that should properly be theirs. They have accepted these responsibilities with a degree of maturity and common sense that would have astounded us ten years ago. In the year ahead, through cooperation with a strong student government, I am confident that this transfer of responsibility will continue steadily — as it should.

Finally, in the year ahead, as in the year just past, we will be deeply concerned with finding ways to make each student's residence on this campus an integral part of his education. During the last semester, we have had a modest program in which faculty members have associated themselves informally with an undergraduate residence hall. Beginning in September, we will extend this program of faculty associates, and add to it a language house, a plan for the effective assignment of honors students, a plan for bringing together students of similar intellectual interests, for scheduling the residents of certain houses in a few of the same classes, and for teaching some introductory courses in the residence halls. To these will be added opportunities for independent study, and hopefully, a means of providing academic advising in residence halls.

The new directions we derive from the experiments will enable us to realize the full potential of a residential campus, and to give to undergraduate life a focus and coherence that are needed in a large university.

In this and other areas, we will be concerning ourselves with the affairs of the finest groups of young men and women this University has ever had enrolled. I am confident that we will meet the challenges they present. From meeting new problems, we will derive new strength; and from new questions, new definitions of the role of our University.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES, URBANA

(11) The Executive Vice-President and Provost and the Vice-President and Comptroller recommend the following appropriations for Urbana-Champaign from:

Urbana-Champaign Contract Research Reserve

College of Engineering

Department of Theoretical and Applied Mechanics, equipment..... \$11 250 00

Urbana-Champaign General Reserve (to be assigned after July 1)

Assignments to match funds for grants received from the National Science Foundation under the Instructional Scientific Equipment Program:

College of Engineering

Department of Civil Engineering..... \$18 500 00

Department of Electrical Engineering..... 14 800 00

Department of Mechanical and Industrial Engineering 15 000 00

Renovation and remodeling for which funds are assigned to the

Physical Plant Department:

Remodeling in Engineering Hall for the installation of a computer.....	24 900 00	
<i>Total for General Reserve</i>		73 200 00
<i>Grand Total</i>		<u>\$84 450 00</u>

I concur.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

CONTRACTS FOR CONSTRUCTION OF OPTICAL TELESCOPE BUILDING

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for construction of the Optical Telescope Building to be located approximately thirty-five miles southeast of Urbana-Champaign in Douglas County, the award in each case to the lowest bidder:

General — Skoog Construction Company, Champaign		
Base bid	\$189 000 00	
Additive alternates for:		
Assignment of other contracts to the general contractor	1 200 00	
Work required to include installation of stand-by generator	860 00	
Deductive alternate for substituting gravel drive and access road in lieu of asphalt paving.....	<u>4 400 00</u>	
<i>Subtotal</i>		\$186 660 00
Electrical — Don Fowler, an individual doing business as Don Fowler Electric, State Line, Indiana		
Base bid.....	11 266 00	
Additive alternate for provision of stand-by generator	<u>4 990 00</u>	
<i>Subtotal</i>		16 256 00
Plumbing — David W. Reichard Plumbing & Heating Co., Inc., Urbana		
Base bid	6 050 00	
Additive alternate for provision of stand-by generator	<u>665 00</u>	
<i>Subtotal</i>		6 715 00
Ventilating — W. L. Rogers, an individual doing business as Cool- Rite Refrigeration, Urbana		
Base bid.....	5 945 00	
Additive alternate for provision of stand-by generator	<u>309 00</u>	
<i>Subtotal</i>		6 254 00
<i>Total</i>		<u>\$215 885 00</u>

It is further recommended that all contracts other than the general contract be assigned to the contractor for general work, making the total of the contract \$215,885; and that an agreement be entered into with Skoog Construction Company, Champaign, for the assignment of these other contracts for \$1,200. This amount is included in the \$215,885 contract price, and is the amount bid by that firm for service charge for the supervision of other contracts assigned to the general contractor.

It is also recommended that the Board authorize the assignment of \$26,000 from Urbana-Champaign Contract Research Reserve to supplement funds available from a grant from the National Science Foundation and an appropriation made by the Board of Trustees from Urbana-Champaign Contract Research Reserve on May 18, 1966.

The building will house a forty-inch optical telescope and spectragraph and the supporting facilities.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Hughes, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

CONTRACTS FOR CONSTRUCTION OF AGRICULTURAL SERVICES BUILDING, URBANA

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend assignment of \$100,400 from the Urbana-Champaign General Reserve and award of the following contracts, subject to funds being made available therefor by the Seventy-fifth General Assembly, based on the percentages bid for contractors' fees. The contracts are for construction of an Agricultural Services Building for storage and printing for the College of Agriculture. The building will be located south of the Vocational Agriculture Building, south of St. Mary's Road and north of the Agriculture Storehouse, and will provide for the vacating and conversion of approximately 4,500 square feet of space in Mumford Hall to office space.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General—Dean Evans Co., Champaign.	4	29	3	\$6 908	\$60 508
Electrical—Wm. H. Brunkow, doing business as Brunkow Electric Co., Champaign.	12	26	0	1 452	8 752
Plumbing—David W. Reichard Plumbing & Heating Co., Inc., Urbana.	20	55	10	1 510	5 610
Ventilation and Distribution Systems for Conditioned Air—W. L. Rogers, an indi- vidual doing business as Cool- Rite Refrigeration, Urbana.	25	30	10	1 135	5 235

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Hughes, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

CONTRACTS FOR CONSTRUCTION OF AIR CONDITIONING CENTER AT STUDENT-STAFF APARTMENTS, URBANA

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for construction of a 3,000-ton Air Conditioning Center to be located at the Student-Staff Apartments, Urbana. The award in each case is to the lowest bidder and is based on the base bid and recommended alternate.

General—Skoog Construction Company, Champaign	
Base bid.	\$412 000 00
Deductive alternate if other contracts are not assigned to the general contractor.	<u>34 500 00</u>
Subtotal	\$ 377 500 00

Electrical—Square Deal Electrical Contracting, Inc., Urbana	
Base bid.....	59 200 00
Plumbing—David W. Reichard Plumbing & Heating Co., Inc., Urbana	
Base bid.....	34 200 00
Heating, Ventilating, and Air Conditioning—R. H. Bishop Company, Champaign	
Base bid.....	596 619 00
<i>Total</i>	<u>\$1 067 519 00</u>

Funds are available in state capital appropriations to the University for the 1965-67 biennium, which have been released, and also in the construction budget of the Illinois Street Residence Halls Air Conditioning.

I concur.

On motion of Mr. Jones, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

CONTRACTS FOR REMODELING IN ENGINEERING HALL, URBANA

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend assignment of \$35,640 from the Urbana-Champaign Contract Research Reserve and award of the following contracts, based on the percentages bid for contractors' fees, for remodeling eight rooms on the first and second floors in Engineering Hall. The space will be used for Engineering Publications and the Office of the Coordinator of Relations with Industry. The award in each case is to the lowest bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General—Dean Evans Co., Champaign.....	10	24	15	\$2 730 00	\$15 930 00
Electrical—Wm. H. Brunkow, doing business as Brunkow Electric Co., Champaign....	12	25	0	870 00	4 970 00
Plumbing—David W. Reichard Plumbing & Heating Co., Inc., Urbana.....	25	55	10	655 00	2 255 00
Heating, Piping, Refrigeration and Automatic Temperature Control Systems—W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	25	39	10	754 00	3 054 00
Ventilation and Distribution Systems for Conditioned Air—W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana..	25	39	10	344 00	1 444 00

Since W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana, is the lowest bidder with identical fee percentages for heating, piping, refrigeration and automatic temperature control systems work and for ventilation and distribution systems for conditioned air work, it is also recommended that these two awards be combined in a single contract in lieu of separate contracts.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**CONTRACTS FOR REMODELING 912 WEST ILLINOIS STREET
FOR TEMPORARY OFFICES FOR THE CENTER
FOR ADVANCED STUDY, URBANA**

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend assignment of \$36,030 from Urbana-Champaign Contract Research Reserve and award of the following contracts, based on the percentages bid for contractors' fees, for remodeling 912 West Illinois Street, Urbana, for temporary offices for the Center for Advanced Study. The award in each case is to the lowest bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General—Dean Evans Co., Champaign.....	5	25	15	\$3 716 25	\$25 440 00
Electrical—Wm. H. Brunkow, doing business as Brunkow Electric Co., Champaign....	12	25	0	954 00	6 155 00
Plumbing—The Nu-Way Contracting Corp., Chicago..	25	50	10	1 175 00	3 975 00
Heating, Piping, Refrigeration and Automatic Temperature Control Systems—W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	25	39	10	1 442 25	5 565 00

The total estimated cost of the remodeling and equipment is \$72,060. The remaining funds are available in the Graduate College.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Clement, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**CONTRACTS FOR REMODELING IN NUCLEAR ENGINEERING
LABORATORY FOR ENGINEERING MEASUREMENTS
PROGRAM, URBANA**

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend assignment of \$84,115 from the Urbana-Champaign General Reserve and award of the following contracts, subject to funds being made available therefor by the Seventy-fifth General Assembly, based on the percentages bid for contractors' fees. The contracts are for remodeling Rooms 107 and 117 in the Nuclear Engineering Laboratory for the Engineering Measurements Program, the award in each case to the lowest bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General—Barber & DeAtley, Inc., Urbana.....	6	25	10	\$5 340 00	\$33 840 00
Electrical—Wm. H. Brunkow, doing business as Brunkow Electric Co., Champaign....	10	24	0	1 980 00	11 980 00
Plumbing—Wren C. & Willis H. Thomas, a partnership doing business as Thomas Plumbing & Heating Co., Urbana.....	20	38	3	1 614 00	6 614 00

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
Heating, Piping, Refrigeration and Automatic Temperature Control Systems—W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana	25	30	10	\$4 280 00	\$19 580 00
Ventilation and Distribution Systems for Conditioned Air—W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana . .	25	30	10	1 405 00	6 305 00

Since W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana, is the lowest bidder with identical fee percentages for heating, piping, refrigeration and automatic temperature control systems work and for ventilation and distribution systems for conditioned air work, it is also recommended that these two awards be combined in a single contract in lieu of separate contracts.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these contracts were awarded as recommended by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**CONTRACT FOR NOYES LABORATORY AND CHEMISTRY ANNEX
STORM AND SANITARY SEWERS REROUTING, URBANA**

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract to Dean Evans Co., Champaign, based on the percentages bid for contractors' fees. The contract is for work to reroute storm and sanitary sewers serving Noyes Laboratory and the Chemistry Annex Building; the objective is to reduce the University's contribution to the pollution of the "Boneyard Creek."

The total estimated cost is \$60,000. Funds are available from state capital appropriations to the University for the 1965-67 biennium and have been released.

I concur.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**CONTRACT FOR DIVERSION OF STORM AND SANITARY SEWERS
AROUND SITE OF INTRAMURAL-PHYSICAL
EDUCATION BUILDING, URBANA**

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$54,550 to Clancy Construction Co., Urbana, the lowest bidder, for diversion of existing storm and sanitary sewers, now serving Memorial Stadium, around the site of the Intramural-Physical Education Building, Urbana. The work must be completed prior to construction of the building.

Funds are available in state capital appropriations to the University for 1965-67 and have been released.

It is further recommended that the Board authorize the assignment of this contract to the Illinois Building Authority, with the assignment to be executed in the event the construction of the Intramural-Physical Education Building project is declared to be in the public interest as a project to be financed by the Illinois Building Authority.

I concur.

On motion of Mr. Swain, this contract was awarded and authority was given as recommended; this action was taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**CONTRACT FOR DIVERSION OF STEAM SERVICE
TO MEMORIAL STADIUM, URBANA**

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$63,655 to Julian Engineering Company, Chicago, the lowest bidder, for the diversion of steam service to Memorial Stadium to clear the site of the Intramural-Physical Education Building. The work must be completed prior to the start of construction of the building.

Funds are available in state capital appropriations to the University for 1965-67 and have been released.

It is further recommended that the Board authorize the assignment of this contract to the Illinois Building Authority, with the assignment to be executed in the event the construction of the Intramural-Physical Education Building project is declared by the Seventy-fifth General Assembly to be in the public interest as a project to be financed by the Illinois Building Authority.

I concur.

On motion of Mr. Hahn, this contract was awarded and authority was given as recommended; this action was taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**CONTRACT FOR STEAM SERVICE TO UNDERGRADUATE LIBRARY,
URBANA**

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$20,738 to Julian Engineering Company, Chicago, the lowest bidder, for steam service construction work to serve the Undergraduate Library at Urbana.

Funds are available in state capital appropriations to the University for 1965-67 and have been released.

I concur.

On motion of Mr. Swain, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**CONTRACT FOR INTERIOR DESIGN SERVICE
FOR UNDERGRADUATE LIBRARY, URBANA**

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend that a contract be entered into with Dolores Miller and Associates Ltd., Chicago, at the actual cost of personnel at specified hourly rates, for complete interior design services for the Undergraduate Library on the Urbana campus, with the understanding that the cost will not exceed \$15,000.

Funds are available in the project budget for this work.

The Committee on Buildings and Grounds has reviewed and approved this recommendation.

I concur.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

CONTRACTS FOR MINOR REMODELING AND NEW CONSTRUCTION AT CHICAGO CAMPUSES

(23) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of cost-plus contracts for minor building alterations, repairs, and construction work for the period July 1, 1967, through June 30, 1969, at the Chicago campuses, the award in each case to the lowest bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>
General — Simpson Construction Co., Chicago.....	6	36	5
Electrical — Fries Walters Co., Chicago.....	10	42	5
Plumbing — The Nu-Way Contracting Corp., Chicago.....	10	38	5
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems — Admiral Heating and Ventilating, Inc., Hillside.....	10	39	5
Ventilating and Distribution Systems for Conditioned Air — Jamar-Olmen Company, Elk Grove Village.....	10	28	5

These contracts will be for work which does not justify the cost of preparing separate drawings and specifications and of separate bidding procedures on each project. Work will be done as ordered by the Physical Plant Department and will be paid for on the basis of the actual cost of each job plus contractors' fees. A schedule of bids taken showing the percentages to be added for work to be executed under these cost-plus contracts is submitted herewith, and a copy is being filed with the Secretary of the Board for record as the basis for the contract awards recommended. No assignment of funds is requested, and each job will be covered by a contract change order charged against funds allocated for the project.

It is further recommended that the Vice-President and Comptroller be authorized to approve orders under these contracts up to \$25,000 on each project. I concur.

On motion of Mr. Jones, these contracts were awarded and authority was given as recommended; this action was taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

CONTRACT FOR TUCKPOINTING BRICK AND STONEMWORK, ILLINOIS NEUROPSYCHIATRIC INSTITUTE AND FIRST UNIT OF DENTISTRY-MEDICINE-PHARMACY BUILDING, MEDICAL CENTER CAMPUS

(24) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for tuckpointing brick and stonework in the Illinois Neuropsychiatric Institute and the first unit of the Dentistry-Medicine-Pharmacy Building at the Medical Center campus, the award being to the lowest bidder.

William Adams Engineers, Inc., Chicago	
Base bid.....	\$2 285 00
Alternate I additive.....	2 690 00
Alternate II additive.....	1 985 00
Alternate III additive.....	1 080 00
Alternate IV additive.....	1 043 00
<i>Total bid</i>	<u>\$9 083 00</u>

The work provides for the tuckpointing of brick and stonework and caulking of windows on these two buildings in areas where weathering has caused deterioration of mortar and caulking.

Funds are available from the Physical Plant Maintenance appropriation.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

CONTRACTS FOR REMODELING SPACE VACATED BY MICROBIOLOGY AND PATHOLOGY FOR THE DEPARTMENT OF HISTOLOGY, MEDICAL CENTER CAMPUS

(25) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for remodeling space vacated by the Departments of Microbiology and Pathology in the College of Medicine for the Department of Histology in the College of Dentistry at the Medical Center campus, the award is each case to the lowest bidder.

General—Heller Construction Company, Inc., Chicago.....	\$44 998 00
Electrical—Schaeffer Electric Co., Division of Sam Schaeffer Co., Chicago.....	16 134 00
Heating, Refrigeration, and Temperature Control—Midstates Heating Co., Chicago.....	11 600 00
Pipe Covering and Insulation—Chicago Asbestos Manufacturing Company, Chicago.....	1 695 00
Plumbing—Peter H. Smith Company, Chicago.....	3 589 00
Ventilation—Crone Associates, Inc., Chicago.....	6 100 00
<i>Total</i>	<u>\$84 116 00</u>

The work provides for the installation of new partitions, new lighting and power distribution, suspended acoustical ceiling, new laboratory furniture, reworking old laboratory furniture, and air conditioning.

Funds for this work are available from state capital appropriations for 1965-67 and federal research grants.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

CONTRACTS FOR ANATOMY REMODELING, FIRST UNIT OF DENTISTRY-MEDICINE-PHARMACY BUILDING, MEDICAL CENTER CAMPUS

(26) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for remodeling in the Department of Anatomy, College of Medicine, at the Medical Center campus, the award in each case to the lowest bidder.

General—Heller Construction Company, Inc., Chicago.....	\$15 816 00
Plumbing—The Nu-Way Contracting Corp., Chicago.....	3 113 00
Process Piping—Peter H. Smith Company, Chicago.....	2 847 00
Ventilation—Narowitz Heating and Ventilating Company, Chicago.....	2 973 00
Electrical—Fries Walters Co., Chicago.....	4 775 00
Wood Laboratory Equipment—J. J. Lane Equipment Co., Chicago...	9 305 00
Metal Laboratory Equipment—Laboratory Furniture Co., Inc., Chicago.....	8 385 00
<i>Total</i>	<u>\$47 214 00</u>

The work provides for the rearrangement of partitions, new lighting, floor

covering, air conditioning, and new laboratory equipment. The work also includes the connecting of utilities to laboratory equipment.

Funds for this work are available from state capital appropriations for 1965-67 and have been released.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Clement, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**CONSULTING SERVICES ON CAMPUS PLANNING, URBANA
AND MEDICAL CENTER CAMPUSES**

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend the continuation of employment of the firm of Richardson, Severns, Scheeler & Associates, Inc., Champaign, for consulting services on campus planning at the Urbana and Medical Center campuses until June 30, 1969, on the basis of itemized actual costs of technical personnel, including partners, when so engaged on University work, and an allowance of 150 per cent of said costs for overhead and fees. The services will generally cover the following assignments as authorized by the Physical Plant Department:

1. Continuation of the studies on the Campus Development Plans.
2. Studies of peripheral areas to coordinate campus development with studies developed by other agencies.
3. Further development of detailed programs and studies for various colleges and departments.
4. Site selection and massing studies for new building projects.

The estimated cost of these services is \$40,000.

This recommendation is subject to capital appropriations being made available by the Seventy-fifth General Assembly and release of funds by the Governor.

I concur.

On motion of Mr. Jones, this recommendation was approved.

**INCREASE IN CONTRACT FOR CONSTRUCTION
OF CHICAGO CIRCLE CAMPUS, PHASE II**

Addition to Engineering and Sciences Laboratory Building

(28) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Illinois Building Authority be requested to authorize an increase of \$30,470 in the contract with Gust K. Newberg Construction Co., Chicago, for the construction of Chicago Circle Campus, Phase II. The work will include the installation of an additional service elevator in the addition to the Engineering and Sciences Laboratory Building.

Funds are available in the project budget for this work.

I concur.

On motion of Mr. Swain, this recommendation was approved.

**INCREASE IN CONTRACT FOR CONSTRUCTION
OF CHICAGO CIRCLE CAMPUS, PHASE II**

Relocation of Temporary Construction Offices

(29) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Illinois Building Authority be requested to authorize an increase of \$17,626 in the contract with Gust K. Newberg Construction Co., Chicago, for the construction of Chicago Circle Campus, Phase II. The increase will permit the relocation of temporary construction offices.

Funds are available in the project budget for this work.

I concur.

On motion of Mr. Hughes, this recommendation was approved.

**EMPLOYMENT OF ARCHITECTS FOR SPEECH AND HEARING CLINIC
AND RESEARCH BUILDING, URBANA**

(30) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of the firm of Ezra Gordon Jack M. Levin & Associates, Chicago, for complete architectural and engineering services for the Speech and Hearing Clinic and Research Building at a fee of 6 per cent of the construction costs. The initial authorization to this firm will be for the preparation of grant application material to be submitted to the federal government and private foundations at a cost not to exceed \$8,200. The next deadline for submitting applications is September, 1967.

Funds have previously been made available for this work.

This recommendation has been approved by the Advisory Committee on the Selection of Architects and Engineers and the Committee on Buildings and Grounds.

I concur.

On motion of Mr. Grimes, this recommendation was approved.

**EASEMENT TO NATURAL GAS PIPELINE COMPANY
OF AMERICA THROUGH ALLERTON ESTATE**

(31) The Vice-President and Comptroller recommends that the Natural Gas Pipeline Company of America be granted an easement for the construction of a thirty-six-inch steel gas line through Allerton Farm No. 2 and Department of Forestry land. The Company will pay the University \$5.00 per rod for a total of approximately \$770.50 for said easement. The Department of Agricultural Economics, which manages the farm, and the Department of Forestry concur.

I recommend adoption of the following resolution.

**Resolution Authorizing 36" Steel Gas Line Easement to Natural Gas Pipeline
Company of America through Allerton Estate**

Be It, and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this public corporation be, and they hereby are, authorized to execute, acknowledge and deliver in the name and on behalf of this corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Natural Gas Pipeline Company of America, a Delaware corporation, hereinafter referred to as "Grantee", its successors and assigns, the right and easement to construct, reconstruct, operate, maintain, repair, alter, replace, move and remove a 36" steel gas line and other equipment appurtenant thereto under, through and across the land hereinafter described and the right of ingress to and egress therefrom; the rights and easement granted to be limited to the extent that this public corporation has the present right and capacity to grant the same, and in consideration of the payment by Grantee to this corporation of the sum of Five Dollars per rod for a total of approximately Seven Hundred Seventy Dollars and Fifty Cents (\$770.50). Grantee shall agree to repair any damage caused to property of this corporation by the construction, reconstruction, operation, maintenance, repairing, alteration, moving and removing of said gas main and to indemnify this corporation and its representatives from liability in connection with Grantee's activities. The right-of-way easement shall remain in full force and effect from the date granted and for so long thereafter as said gas transportation line is continued in service and has not been abandoned or discontinued. Upon termination of the easement Grantee shall peaceably surrender possession of said premises to this corporation and full and complete title then shall remain in this corporation free and clear of said easement and without necessity of re-entry or demand. The right-of-way easement shall be over the following-described property:

The Right-of-Way herein granted shall have a width of 75 feet being 37½ feet on each side of a centerline described as follows: Beginning at a point in the centerline of the Sangamon River 400+ feet East of the West line of Section 14, Township 18 North, Range 5 East, thence in a Northeasterly direction a distance of 154.1 rods to a point of exit in the North line of the Southwest Quarter of said Section 14, 416 feet East of the West line of said Section

14, and situated in the West Half of the Southwest Quarter (W ½ SW ¼) of Section 14, Township 18 North, Range 5 East of the Third Principal Meridian (3rd P.M.) lying North of the Sangamon River, in the County of Piatt, and State of Illinois.

On motion of Mr. Swain, the foregoing resolution was adopted.

RECOMMENDATION FROM COMMITTEE ON COPYRIGHTS AND RECORDINGS

(32) The Committee on Copyrights and Recordings has reviewed a request from the College of Education that a contract be negotiated with Holt, Rinehart and Winston, Inc., for the publication of a book based on instructional materials developed by the Curriculum Laboratory's English Project. It is proposed that the publishing company advance funds to the University amounting to \$19,640 for the payment of the salaries of individuals who would complete the manuscript — such advance to be deducted from royalty earnings on sales of the book.

In the light of its review, the Committee on Copyrights and Recordings makes the following recommendations:

1. That a contract be negotiated with Holt, Rinehart and Winston, Inc., for the publication of such a volume, with the copyright to be held in the name of the publisher.
2. That Holt, Rinehart and Winston, Inc., provide funds to the University in the estimated amount of \$19,640, which would be used for the payment of salaries to individuals who would complete the work on the manuscript. This advance would be deducted from royalty earnings under the contract before any royalty payments would be made in accordance with the provisions of item (3).
3. That royalty payments of 10 per cent on sales would be made as follows, after the advance payment referred to in item (2) had been recovered by the company: 8 per cent to the University and 2 per cent (1 per cent each) to the two staff members who have worked on the project and who would complete the preparation of the manuscript for publication.

The Executive Vice-President and Provost and the Vice-President and Comptroller endorse these recommendations.

I concur.

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

ESTATE OF EUGENE S. BOERNER

(33) Under the will of Eugene S. Boerner, 80 per cent of the stock he owned in Jackson & Perkins Company was bequeathed to Cornell University and 20 per cent to the University of Illinois. The bequests are contingent upon the institutions creating a separate endowment fund in the name of Eugene S. Boerner, with the income from the fund to be used either for the establishment of a professional chair or scholarships in the name of Eugene S. Boerner.

It is further provided in the will that the stock in Jackson & Perkins Company might be sold during the lifetime of the deceased or at the time of his death be subject to a contract of sale, but in either event the proceeds from such a sale would be the source for the endowment fund.

Mr. Boerner's stock was under contract of sale at the time of his death and, pursuant to the terms of the will, the executor has proceeded with the terms of a stock purchase agreement. Under this agreement, Mr. Boerner's stock as well as the stock of the other shareholders, has been transferred to another corporation as purchaser. The stock purchase agreement provides for payment of cash and deferred interest-bearing payments maturing in 1981, these latter payments to be affected by adjustments from time to time based upon certain representations and warranties agreed to by shareholders of Jackson & Perkins Company.

The executor advises that the University of Illinois share should approximate \$59,000 plus interest. However, this figure is subject to the adjustments and estate costs referred to above.

In accord with the requirements of Mr. Boerner's will, the executor has requested that The Board of Trustees of the University of Illinois adopt a resolution under which the University agrees to abide by all of the terms and conditions

respecting this bequest. If either of the universities fail to formally accept the legacy, the other becomes the full recipient of this bequest.

I recommend acceptance of the bequest and adoption of the following resolution.

Resolution

WHEREAS the University of Illinois is a beneficiary under the Last Will and Testament of Eugene S. Boerner, Deceased, and

WHEREAS the Deceased bequeathed 20 per cent of his stock in Jackson & Perkins Company to the University of Illinois, which stock has been transferred to the Harry and David Corporation under a stock purchase agreement, dated August 13, 1966, and

WHEREAS the Deceased expressed a desire for the stock or the proceeds thereof to be used by the University of Illinois to establish a professorial chair devoted to the research, development and general educational studies relating to roses, or, for scholarships to students doing major work in the development, culture and pathology of roses, and

WHEREAS the Executor has requested the University of Illinois to expressly and specifically accept this request;

Now Therefore, be it resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the bequest made to this public corporation under the Last Will and Testament of Eugene S. Boerner, be and it hereby is, accepted upon the terms and conditions set forth in the Will; and

Be It Further Resolved by this Board of Trustees that the Comptroller, H. O. Farber, and the Secretary, Earl W. Porter, of this corporation be, and they hereby are, authorized and directed, to execute in the name of and on behalf of, this corporation such documents and to take such other action in connection therewith as said Comptroller and Secretary may deem to be necessary or desirable to evidence or show the acceptance of such bequest by this corporation and to execute the conveyance of title to, and the transfer of possession of the assets thereof to this public corporation.

On motion of Mr. Swain, the foregoing resolution was adopted.

PURCHASES

(34) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller; also a list of purchases authorized by the President.

The lists of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

<i>From Appropriated Funds</i>	
Purchases Authorized	\$ 9 609 00
Purchases Recommended	753 186 53
	<hr/>
	\$ 762 795 53
<i>From Institutional Funds</i>	
Purchases Recommended	\$4 118 643 33
<i>Grand Total</i>	<hr/>
	\$4 881 438 86

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Clement, the purchases authorized by the President were approved, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(35) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(36) The Comptroller's report of contracts executed during the period May 1 to 31, 1967.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
American Potash Institute	Grain yield, plant analysis, soil test potassium, and lodging as criteria for determining the potassium fertilizer needs of corn	\$ 6 000 00
Chemagro Corporation	Chemagro products for insect control on corn, alfalfa, and soybeans	1 500 00
Corn Products Company	Feed processing on nutritional value of diets and dietary components fed to growing-finishing swine	4 000 00
State of Illinois Board of Higher Education 67-515-012	Training program for professional planners and planning commissioners	28 690 00
67-515-013	Program of youth development and teacher education	39 905 00
67-515-014	Training program for consultants in the development of community resources	19 020 00
Stauffer Chemical Company	Stauffer insecticides on Illinois crops	1 000 00
United States Air Force AF-AFOSR-460-67	Functions of a complex variable	21 000 00
AF-AFOSR-1161-67	Social and psychological aspects of stress	93 866 00
United States Army DA-11-074-AV-4974-SD	R.O.T.C. flight training program	6 532 00
United States Borax and Chemical Corporation	Boron and potassium in relation to corn	2 000 00
United States Department of Health, Education, and Welfare 8-1057	Educational media short term institute	41 000 00
OEC 3-7-700050-3131	Teaching library use to undergraduates; comparison of computer-based instruction and the conventional lecture	6 838 00
OEG-2-7-003214-3214	Fellowships and traineeships in the following areas: mentally retarded, deaf, speech and hearing, emotionally disturbed, other health impaired, and administrators of special education	369 400 00
United States Department of the Interior Geological Survey	Investigations of water resources of the Saline Branch and Salt Fork	6 320 00
National Park Service 14-10-5-950-9	Archeological salvage at the Shelbyville reservoir, Illinois	5 000 00
United States Navy N00014-67-C-0384	Practicable models in personality	8 069 00
Velsicol Chemical Corporation	Velsicol products for insect control on corn	500 00
<i>Total</i>		<hr/> \$660 640 00
		<i>Amount to be Paid by the University</i>
<i>With Whom</i>	<i>Purpose</i>	
Monmouth College (Prime contract with United States Office of Education OE-5-10-029)	Illinois state-wide center for the preparation of secondary school teachers of English	\$ 1 760 00

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Auto Enterprises of Champaign, Inc.	Rental car service at University of Illinois-Willard Airport	\$ 4 648 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Lary S. Belman	Rental of premises at 901 West California Avenue and 902 West Illinois Street, Urbana, Illinois (June 16, 1967, to June 15, 1968)	\$ 3 150 00
Glenco Motors, Inc.	Rental car service at University of Illinois-Willard Airport	4 872 00
<i>Total</i>		<u>\$ 12 670 00</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
The Board of Jewish Education and the College of Jewish Studies	Rental of Eleventh Street Theatre in Jewish Education Building, 68-72 East Eleventh Street, Chicago, Illinois (July 1, 1967, to June 30, 1968)	\$14 400 00
University of Illinois Foundation	Rental of space on second and third floors, Illini Tower, Champaign, Illinois (March 6, 1967, to June 30, 1967)	16 954 00
<i>Total</i>		<u>\$31 354 00</u>

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
American Oil Company	Non-phototoxic oils as additives to herbicide solutions	\$ 1 000 00
Research Council on Riveted and Bolted Structural Joints	Behavior of riveted and bolted structural joints	18 000 00
Shell Chemical Company, Agricultural Chemicals Division	Insect control evaluations on corn, grain, ornamentals, forage, fruit, and livestock	2 500 00
State of Illinois Department of Conservation	Fisheries research studies	35 000 00
The National Sand and Gravel Association	Site development problems related to sand and gravel pit operations reuse	7 500 00
Union Carbide Corporation	Control of insect pests on Illinois crops with Union Carbide insecticides	500 00
United States Army DA-49-193-MD-2047	Antiradiation drugs	29 396 00
United States Atomic Energy Commission AT(11-1)-415	Electronic high-speed digital computers	13 093 00
AT(11-1)-1264	Physical, chemical, and biological equilibria in natural waters	20 000 00
AT(11-1)-1628	Immunologic recognition and immunologic memory	25 623 00
United States Department of Commerce CGS-1231(G)	Marine geology	15 600 00
<i>Total</i>		<u>\$168 212 00</u>

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Downtown Electric	Cost-plus contract -- electrical	Animal Sciences Laboratory \$ 3 000 00
Dean Evans Company	Cost-plus contracts -- general	Abbott Power Plant Animal Science Horse Barn 5 000 00 Davenport Hall 4 500 00 Electrical Engineering Research Laboratory 3 662 00 English Building 4 000 00 Noyes Laboratory 2 800 00
Robert W. Hunt Company	Concrete testing services	Chicago Circle Campus, Phase II 14 000 00
JDP Associates, Inc.	General, electrical, and mechanical	Coordinated Science Laboratory, Phases III and IV 3 982 00
Gerhardt F. Meyne Company	Cost-plus contract -- general	Dentistry-Medicine-Pharmacy Building, Second Unit 2 931 00

<i>With Whom</i>	<i>Purpose</i>		<i>Amount to be Paid by the University</i>
Reliable Plumbing and Heating Company	Cost-plus contract — heating and ventilating	Library, Davenport Hall, Mechanical Engineering, and Taft-Van Doren Halls	\$ 2 784 00
The Nu-Way Contracting Corp.	Cost-plus contracts — heating, piping, and refrigeration	Dentistry-Medicine-Pharmacy Building, Second Unit	4 120 00
		Hospital Addition, Medical Center	6 840 00
George S. Walker Plumbing and Heating, Inc.	Cost-plus contract — storm and sanitary sewers	Undergraduate Library	9 000 00
<i>Total</i>			<hr/> \$75 619 00

Summary

Amount to be paid to the University.....	\$841 522 00
Amount to be paid by the University.....	108 733 00

This report was received for record.

EMPLOYMENT OF AUDITORS

(37) The Board of Trustees on February 16, 1966, approved the employment of Arthur Andersen & Co. for the audit of the year ending June 30, 1966, with the intention that the employment be continued for a total of five years. The audit is made jointly to the Board of Trustees and to the Auditor General, who must approve the arrangements. The Auditor General has indicated his desire to pay one-half of the cost of the audit of the University and its allied organizations out of funds appropriated to his office for that purpose.

Arthur Andersen & Co. has indicated its willingness to undertake the appointment with the understanding the charges will be at the prevailing hourly rates for audits for colleges and universities, plus cash expenses, and with the further understanding that the aggregate charges will not exceed the following amounts, one-half of which will be paid by the Auditor General:

	<i>Proposed Maximum</i>
University of Illinois (including reports on revenue bond funds).....	\$37 860 00
State Universities Retirement System of Illinois.....	3 540 00
University of Illinois Foundation.....	3 822 00
University of Illinois Alumni Association.....	2 380 00
University of Illinois Athletic Association including Retirement System.....	3 415 00
	<hr/> \$51 017 00

The Auditor General concurs in these recommendations.

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

INVESTMENT REPORT

Report of the Finance Committee

(38) The Finance Committee reported the following changes in investments of endowment funds for the month of April, 1967:

Miller

Sale

\$50 000 U.S. Treasury 4 per cent bonds due 10/1/69.....	\$ 49 531 25
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Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of April, 1967:

Current Funds

RESTRICTED GROUP

Purchase

\$ 750 000 Sears, Roebuck Acc. Corp. due 7/17/67.....	\$ 750 000 00
750 000 CIT Financial Corp. due 8/4/67.....	750 000 00

250 000 Sears, Roebuck Acc. Corp. due 8/4/67.....	250 000 00
750 000 Comm. Credit Co. due 8/15/67.....	750 000 00
1 000 000 First National Bank of Chicago C/D due 9/5/67.....	1 000 000 00

Construction Funds

ASSEMBLY HALL

Sale

\$155 000 U.S. Treasury bills due 6/30/67.....	153 789 27
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UNION (Chicago Circle)

Sale

\$14 000 U.S. Treasury bills due 4/20/67.....	13 973 23
6 000 U.S. Treasury bills due 5/4/67.....	5 978 82

FLORIDA AVENUE RESIDENCE HALLS

Purchase

\$60 000 U.S. Treasury bills due 9/30/67.....	58 943 13
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KRANNERT CONTRIBUTIONS

Sale

\$10 000 Comm. Credit Co. open-end demand notes.....	10 000 00
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Sinking Funds

DENTISTRY-MEDICINE-PHARMACY RESERVE (Medical Center)

Purchase

\$6 000 U.S. Treasury 4 per cent bonds due 2/15/80.....	5 707 50
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This report was received for record.

**CONTRACTS FOR FEASIBILITY STUDY PHASE
OF THOMSON SCATTER RADAR**

(39) Acting on behalf of the Committee on Institutional Cooperation (C.I.C.), an association of eleven midwestern universities, the University of Illinois has undertaken to examine the feasibility of constructing in the Midwest a large radar system for study of the earth's upper atmosphere by the Thomson scatter technique.

The National Science Foundation has provided funds for the preliminary study phases of the project.

Sealed bid proposals were solicited on the preliminary feasibility study phase covering two separate concepts, (1) a radome enclosed, and (2) an environmental design, from six firms having wide experience in the study and design of large scale antenna equipment. Four proposals were received, two submitted for each concept, and were evaluated by a selection panel composed of the professorial staff of the project with the assistance of Simpson, Gumpertz & Heger, Inc., Cambridge, Massachusetts, a firm of consulting engineers. The individual proposals were judged on the firm's capabilities in four categories: (1) competence, (2) technology, (3) approach, and (4) scope.

The Dean of the College of Engineering and the Vice-President and Comptroller recommend that two contracts be awarded, one for each concept study, as follows:

Radome enclosed concept—The Rohr Corporation, Chula Vista, California.....	\$15 000 00
Environmental concept—Amman & Whitney, New York, New York	19 000 00
I concur.	

On motion of Mr. Swain, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

ESTATE OF BELLA CHRISTY BROWN

(40) Under the Will of Bella Christy Brown who died on March 22, 1939, a trust was created and provision made for certain life estates. The Will further pro-

vided that upon the death of the survivor of the life beneficiaries the trust was to terminate and \$100,000 "shall be paid to the medical department of the University of Illinois to establish a research fund in mental and nervous diseases, to be known as the 'Sanger Brown Fund.' The income therefrom only shall be used."

The trustee under the Will has advised the University that the contingencies specified in the document have occurred and it is now prepared to distribute the \$100,000 to the University on the conditions stated, provided it is furnished with a resolution by the Board of Trustees accepting the bequest. Accordingly, I recommend acceptance of the bequest and the adoption of the following resolution.

Resolution

WHEREAS, Bella Christy Brown, departed this life on 3-22-39, leaving a last will and testament which has been duly admitted to probate in Cook County, Illinois, and which contains provisions for a bequest as follows:

Article Fourth, paragraph k: "... and upon the death of the survivor, I direct the said trust estate shall terminate and the corpus shall be divided as follows:

(1) One Hundred Thousand Dollars (\$100,000.00) shall be paid to the Medical Department of the University of Illinois to establish a research fund in mental and nervous diseases, to be known as the "Sanger Brown Fund". The income therefrom only shall be used.

Now Therefore, be it resolved that said bequest be and the same is hereby accepted by the said University of Illinois for the uses and purposes therein set forth and

Be it further resolved that H. O. Farber as Comptroller of said University of Illinois be and he is hereby authorized to accept payment on behalf of said corporation of said bequest, and to execute and deliver to The Northern Trust Company as Trustee under the Last will and testament of the said Bella Christy Brown, deceased, the receipt of the said corporation in satisfaction thereof.

On motion of Mr. Swain, the foregoing resolution was adopted.

DEGREES CONFERRED IN JUNE, 1967

The Secretary presented for record the following lists of degrees conferred on candidates at the Medical Center campus on March 18 and June 9, 1967, on the Urbana campus on June 17, 1967, and at Chicago Circle on June 18, 1967, in accordance with the authorization of the Board.

Summary

Degrees Conferred at Chicago Circle

Honorary	
Doctor of Humanities.....	1
Doctor of Laws.....	1
<i>Total, Honorary Degrees.....</i>	<i>(2)</i>
College of Liberal Arts and Sciences	
Bachelor of Arts.....	448
Bachelor of Science.....	163
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(611)</i>
College of Business Administration	
Bachelor of Science.....	150
College of Architecture and Art	
Bachelor of Architecture.....	25
Bachelor of Arts.....	26
<i>Total, College of Architecture and Art.....</i>	<i>(51)</i>
<i>Total, Degrees Conferred at Chicago Circle.....</i>	<i>814</i>

Degrees Conferred at the Medical Center

Honorary	
Doctor of Science.....	1
Doctor of Laws.....	1
<i>Total, Honorary Degrees.....</i>	<i>(2)</i>

Graduate College	
Doctor of Philosophy.....	21
Master of Science.....	42
Master of Science in Nursing.....	5
<i>Total, Graduate College.....</i>	<i>(68)</i>
College of Dentistry	
Bachelor of Science.....	3
Doctor of Dental Surgery.....	65
<i>Total, College of Dentistry.....</i>	<i>(68)</i>
College of Medicine	
Doctor of Medicine.....	179
Bachelor of Science in Medical Record Administration.....	5
Bachelor of Science in Medical Technology.....	11
Bachelor of Science in Occupational Therapy.....	14
<i>Total, College of Medicine.....</i>	<i>(209)</i>
College of Nursing	
Bachelor of Science.....	52
College of Pharmacy	
Bachelor of Science.....	98
<i>Total, Degrees Conferred at the Medical Center.....</i>	<i>497</i>
<i>Degrees Conferred at Urbana-Champaign</i>	
Honorary Degrees	
Doctor of Science.....	2
Doctor of Public Administration.....	1
Doctor of Laws.....	1
<i>Total, Honorary Degrees.....</i>	<i>(4)</i>
Graduate College	
Doctor of Philosophy.....	176
Doctor of Education.....	14
Doctor of Musical Arts.....	4
Master of Arts.....	176
Master of Science.....	338
Master of Music.....	18
Master of Education.....	149
Master of Social Work.....	76
Master of Fine Arts.....	5
Master of Laws.....	1
Master of Television.....	1
Master of Architecture.....	9
Master of Accounting Science.....	9
Master of Business Administration.....	31
Master of Extension Education.....	2
Master of Landscape Architecture.....	1
Master of Urban Planning.....	6
Advanced Certificate.....	10
Certificate of Advanced Study in Librarianship.....	2
<i>Total, Graduate College.....</i>	<i>(1,028)</i>
College of Agriculture	
Bachelor of Science.....	219
College of Engineering	
Bachelor of Science.....	346
Certificate in the Teaching of Engineering Technology.....	13
<i>Total, College of Engineering.....</i>	<i>(359)</i>
College of Liberal Arts and Sciences	
Bachelor of Arts.....	711
Bachelor of Science.....	338
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(1,049)</i>
College of Law	
Bachelor of Laws.....	5
Juris Doctor.....	113
<i>Total, College of Law.....</i>	<i>(118)</i>

College of Education	
Bachelor of Science.....	189
College of Commerce and Business Administration	
Bachelor of Science.....	194
College of Journalism and Communications	
Bachelor of Science.....	66
College of Fine and Applied Arts	
Bachelor of Architecture.....	70
Bachelor of Fine Arts.....	58
Bachelor of Landscape Architecture.....	8
Bachelor of Music.....	8
Bachelor of Science.....	21
Bachelor of Urban Planning.....	5
<i>Total, College of Fine and Applied Arts.....</i>	<i>(170)</i>
College of Physical Education	
Bachelor of Arts.....	2
Bachelor of Science.....	61
<i>Total, College of Physical Education.....</i>	<i>(63)</i>
College of Veterinary Medicine	
Bachelor of Science.....	66
Doctor of Veterinary Medicine.....	48
<i>Total, College of Veterinary Medicine.....</i>	<i>(114)</i>
<i>Total, Degrees Conferred at Urbana-Champaign.....</i>	<i>3,573</i>
<i>Total, Degrees Conferred at Chicago Circle, Medical Center, and Urbana-Champaign.....</i>	<i>4,884</i>

Degrees Conferred at Chicago Circle

HONORARY DEGREES

Doctor of Humanities

FRANK H. KNIGHT, Ph.D., D. Litt., LL.D., L.H.D.

Doctor of Laws

BYRON R. WHITE, B.A., LL.B.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In the Administration of Criminal Justice

PAUL EDWARD RUSSO

GEORGE PAUL SLOUP

In Liberal Arts and Sciences

JUDAH ISAAC AAMIDOR
 BAHIJ KHALIL ASAD ABDALLAH
 ZITA ZIBUTE ACALINAS
 MAXINE BLAINO ADAMS
 BARRY WAYNE ADELMAN
 PAUL ARTHUR SHERWOOD ADLER
 JOHN STEWART ALDEN
 JUSTIN KENNETH ANDERSON
 RAYMOND GERALD ANDERSON
 NEIL BARRY ARDEN
 RICHARD WALTER ARLT
 JUDITH SUZANNE ARMBRUSTER, Honors
 in Liberal Arts and Sciences with
 Distinction in French
 BRIAN HAROLD ASHE, Honors in Liberal
 Arts and Sciences

JOHN LAWRENCE BACH
 MILDRED A. BACHERT
 NORMAN LEE BANNOR, JR.
 RICHARD JAMES BARA, Honors in Lib-
 eral Arts and Sciences
 BARBARA LOUISE BAREWIN
 PAULA GAY BARRON
 ERIKA BAUER, Honors in Liberal Arts
 and Sciences with Distinction in
 German
 BARRY DAVID BENDER
 RONALD JOHN BENSON, Honors in Lib-
 eral Arts and Sciences
 JOHN THOMAS BERNBOM
 SUSAN ELAINE BERBERICK
 ANTHONY EDWARD BIAGI

- MARLENE JOY BLITSTEIN
DONALD EDWIN BLOM
ROBERT GRAFFEN BLOOD
LEON BORDELON III
BRUCE LADD BOSENBECKER
BERTHA BELLE BOTNICK
IRWIN AARON BRAVERMAN
DONALD ADOLPH BREYER, Honors in
Liberal Arts and Sciences
FRANKLIN DEAN BROOKS, Honors in
Liberal Arts and Sciences with
Distinction in English
JOAN LILLIAN BROTHERTON
KATHERINE MAYER BRUNTON
DAVID FRANK BRUSIN
EDWARD PAUL BRYANT, JR.
MARGARET MARY BUBON
JOSEPH AUDRIUS BUGA
CHARLES BURGER
DONALD STEPHAN BURIAN, Honors in
Liberal Arts and Sciences
GERALD JOSEPH BUSTER
KENT RAY BUTTARS
ELLEN ANN BYRNE
KATHLEEN ANN CALENDO
BOYD STEVEN CALLAHAN
LYNN ANN CAMPBELL, Honors in Lib-
eral Arts and Sciences
JAYNE ANN CARR
DOUGLAS KENDALL CASEMENT
RAYMOND ALAN CASS
VICTOR HUGO CASTILLO
ERVIN LEON CHMAJ
PAUL FRANCIS CHAN
JACK LEO CLARK
ROBERT JOHN CLINKERT
DAVID SHALE COLAN
PETER HUGO CORDT
JOSEPHINE MARY CORRIS, Honors in
Liberal Arts and Sciences with Dis-
tinction in French
WILLIAM PATRICK COYNE
KAREN LEA CUDER
FRANI RUDOLPH CUMMING, Honors in
Liberal Arts and Sciences
KAREN ANN DALY
JOAN BARBARA DAMSZ
GALE ALICE DANTZKER
JOAN ELAINE DEBAERE
LOUIS JOHN DE HAYES, Honors in Lib-
eral Arts and Sciences
JOHN ALFRED DEL GENIO
MARTIN KOPPEL DENIS, Honors in Lib-
eral Arts and Sciences
BERNARD ACHILLI DERANGO
MARY MARGARET DEVLIN, Honors in
Liberal Arts and Sciences
DONNA MAE DILLON, Honors in Liberal
Arts and Sciences
ARCANGELA CAMPANA DINGILIAN,
Honors in Liberal Arts and
Sciences
WILLIAM DIETER DUBAUSKAS
MARYELLEN ANN DUNN
RUTH EBNER, Honors in Liberal Arts
and Sciences
SHELDON LEE EDELSON, Honors in Lib-
eral Arts and Sciences
NANCY RUTH EGER
ANDREW IKARS EGLITIS
ERIC PHILIP ELG
JOHANNA FERN ELLISON, Honors in Lib-
eral Arts and Sciences
RHOYNETTE MARIE ELLISON
HOWARD JAMES ERISMAN, Honors in
Liberal Arts and Sciences
MICHAEL JOHN ESLER, Honors in Lib-
eral Arts and Sciences
DOUGLAS EDWARD FARIELLO
KATHLEEN ANN FAVIA
CHERYL JUSTINE FAYMONVILLE
KARL LOUIS FELBINGER
HOWARD LESLIE FELL
RICHARD ALAN FELSENTHAL
RICHARD ALAN FINKLE, Honors in Lib-
eral Arts and Sciences
MIRIAM CAROL FLACK
CHERIE ELIZABETH FLETTER
RICHARD CHARLES FOWLER, Honors in
Liberal Arts and Sciences
RONALD BERNARD FOX
STEVEN ROBERT FRANDEN
SUSAN JEAN FRIEDLEN
KAREN GANSBERG GALIGER, Honors in
Liberal Arts and Sciences with Dis-
tinction in French
HARLAN CHARLES GARBELL, Honors in
Liberal Arts and Sciences
MARVIN IRWIN GARBER
RALPH DOUGLAS GARRETT
DAVID RUSSELL GARRON
CLAIRE KURETSKI GAYDASCH
JOSEPH WALTER GAYTON, JR.
FRANK JOSEPH GELTNER, JR.
JAMES HARALAMBOS GEKAS
EDNA F. GIBBINS
ROSEANN GIBBS
BEATA GIERASINSKI
SANDRA SUE GILBERT, Honors in Lib-
eral Arts and Sciences
STEPHEN GEOFFREY GLADISH, Honors in
Liberal Arts and Sciences
DANIEL DAVID GLICKEN
ROGER NORMAN GOLD, Honors in Liberal
Arts and Sciences with Distinction
in Political Science
CAESAR AUGUSTUS GONZALEZ, JR.
GRACE GONZALEZ
DONNA ROSLYN GOODMAN
DORIS GOODMAN
RENA VIVIAN GOROFF, Honors in Lib-
eral Arts and Sciences
SHIRLEY GOLDMAN GOULD, Honors in
Liberal Arts and Sciences with Dis-
tinction in Sociology and Anthro-
pology

- JERRY MICHAEL GRAFMAN
 EUGENE GREEN, Honors in Liberal Arts
 and Sciences
 PHILLIP STEPHEN GREENBERG
 EVA CHRISTINE GRIFFIN
 BONNIE FRANCES GROSSE
 SHARON HOPE GROSSMAN, Honors in
 Liberal Arts and Sciences
 JUDITH MARLENE GUTTENBERG, Honors
 in Liberal Arts and Sciences with
 Distinction in English
 ZITA EDITH HARANGOZO
 MINNIE GRACE HARGROVE
 GERALD HOWARD HARRIS
 RITA MARTHA HARRIS, Honors in Lib-
 eral Arts and Sciences
 BARBARA GILL HARRISON, Honors in
 Liberal Arts and Sciences
 CHRISTINE MATSUYE HASHIOKA, Honors
 in Liberal Arts and Sciences
 CURTNER MYERS HEATH II
 RICHARD DALE HEINSEN
 ALVIN JAY HELFGOT, Honors in Liberal
 Arts and Sciences
 WENDELIN ANN HERMANEK
 RITA DIANE HERNANDEZ
 JUDITH ANN HILLIARD
 WILLIAM JOHN HILTON
 KENNETH IAN HOFFSTADTER
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 RICHARD LEE HOOPER
 HELENE ALMA HORACEK
 ARLOWA JULEANNE JACKS
 SUSAN JACOBS
 EDMOND JOHN JAFFE, JR.
 THOMAS MICHAEL JAKUBANIS
 RAYMOND SAMUEL JAMES
 FRANK JAMES JANAS, JR.
 KENNETH GERALD JANOTA
 VYTAUTAS S. JANUSKIS
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 eral Arts and Sciences
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 Arts and Sciences
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 Arts and Sciences
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 eral Arts and Sciences
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 JEANETTE ROSE KOPSTAIN, Honors in
 Liberal Arts and Sciences
 GABRIELLA KORALNIK, Honors in Liberal
 Arts and Sciences with Distinction
 in Sociology and Anthropology
 SANFORD KORNBLUTH
 ROBERT MICHAEL KORNFELD
 KATHLEEN FRANCES KOSOWSKI
 BERNIECE JOANN KOWALCZYK
 JUDITH SOPHIA KOWALCZYK
 FRANK PAUL KOWALEWSKI
 WILLIAM MARINOFF KREDA
 JAMES GLEN KRIVICKAS
 JURATE SYLVIA KULMATICAS
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 ROSEMARY JEANNE LAMONT, Honors in
 Liberal Arts and Sciences
 JAMES CHRIS LAMPROS
 MARC JAY LANE, Honors in Liberal
 Arts and Sciences with High Dis-
 tinction in Political Science
 MARGARET THOMSEN LARRY
 KIT GREGORY LAVELL
 FREDERICK MICHAEL LEAVITT
 MARCEY ANN LEE
 I. GREGORY LENARD
 MARY ANN THERESA LEONARDI, Honors
 in Liberal Arts and Sciences with
 Distinction in Sociology and An-
 thropology
 VICKI ANN LEVIN
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 Liberal Arts and Sciences
 CHARLES KIMBALL LEYNS
 MICHAEL LIPKIN, Honors in Liberal
 Arts and Sciences with Distinction
 in Sociology and Anthropology
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 Liberal Arts and Sciences
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 eral Arts and Sciences with Dis-
 tinction in Political Science
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 Liberal Arts and Sciences with Dis-
 tinction in English
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 KATHRYN GOODYEAR MANCHESTER
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 RICHARD HAROLD NYSTROM
 JOHN PATRICK O'BRIEN
 MICHAEL ALLEN O'CONNOR
 EDWARD ALLEN O'DONNELL
 THOMAS PATRICK O'GORMAN
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 CAROLE JEAN PALUS
 JACK BRUCE PANOZZO
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 IRIT PAULA POLATSCHKE
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 ANITA JEAN SALDANA
 VERA LUCILLE SAMUCHIN
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 LANA EDITH SCHILLER
 NANCY ANN SCHORR
 ROBERT MICHAEL SCHREMPF
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 LARRY FRANKLIN SCHWARTZ
 MICHAEL YALE SCHWARTZ
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 SUSAN PHYLLIS SCHWEIT
 SANFORD ROBERT SCHWIMMER
 RANDALL DAVID SCOTT, Honors in Liberal Arts and Sciences
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 ELAINE ANDREA SEZER
 KENNETH ALAN SHAFFER, Honors in Liberal Arts and Sciences
 JEFFREY LOUIS SHAPIRO
 JESSE HUBERT SHARPE, JR.
 CONSTANCE JOYCE SHIRAKAWA
 BERNARD IRWIN SILVERMAN, Honors in Liberal Arts and Sciences with Distinction in Psychology
 HARRIET ELAINE SILVERMAN
 SUSAN JANE SINDT
 KAREN RUTH SLOTKY
 AVIS IRENE SMELTZER
 GAYLE FRANCES SMITH, Honors in Liberal Arts and Sciences
 LINDA MILLER SMITH

JAMES ALLEN SNOWER
 MICHAEL DAVID SNYDER
 LAWRENCE DAVID SOLOMON, Honors in
 Liberal Arts and Sciences with Dis-
 tinction in History
 MORTON PHILIP SOSNA, Honors in Lib-
 eral Arts and Sciences
 JOHN PAUL SPANIK
 PHILIP BARRY SPARBER
 KAREN LEE SPECKA, Honors in Liberal
 Arts and Sciences
 JILL BETH STALLINGS
 JAYNE PAULA STANEK
 SHEILA MAY STARK, Honors in Liberal
 Arts and Sciences
 JOSEPH DANIEL STASTNY, Honors in
 Liberal Arts and Sciences
 GERTRUDE WAMBACH STAUFFER
 JACQUELINE STEELE
 JONATHAN JOEL STEIN
 CARYL STEINBERG
 YVETTE BORCIA STERN, Honors in Lib-
 eral Arts and Sciences
 SUSAN STEPHANIE STEVENS
 VIVIAN STOLAR
 ANDREW MARTIN STROJNY, Honors in
 Liberal Arts and Sciences
 MAXINE ROBERTA STRONG
 LORELEI JUDYNE STRUM
 VICTORIA CASPERSON SUNDIN, Honors in
 Liberal Arts and Sciences
 LEONARD WAYNE SUSHINSKY, Honors
 in Liberal Arts and Sciences
 VELORA LILLY SWANSON
 SHERYL CATHERINE SZOT
 JULE ANNE TADEVIC
 LINDA IRIS TENJACK, Honors in Liberal
 Arts and Sciences
 JACQUELINE MILLER THOMASON
 GLORIA JANE THOMPSON, Honors in Lib-
 eral Arts and Sciences
 ROBERT IRA TOKARSKY
 JULIO TORRES, Honors in Liberal Arts
 and Sciences
 LOIS TRIZNER
 MICHAEL ANTHONY TULIG
 ANDREA HOFFMAN TURSKY
 CLERAINE SUZANNE UGUCCIONI

ROBERT LOUIS VAN LANINGHAM
 PATRICIA ANN VARGA
 MARSHA BARRON VASKO
 DOROTHY ANN VEZZETTI, Honors in
 Liberal Arts and Sciences
 MARIA FRIEDA VIDNJEVIC
 BARBARA ANN WAGNER
 JAMES CHESTER WALSCHLAGER
 WILLIAM JOSEPH WARREN, Honors in
 Liberal Arts and Sciences
 OREST EUGENE WASYLIW, Honors in
 Liberal Arts and Sciences
 DENNIS WATANABE
 ROBERT ALAN WATSON
 MAUREEN ELYSE WEEKS
 ANNA MARIE WEIGAND
 GERALD ALLEN WEIHS, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in Political Science
 BARRY MICHAEL WEINTRAUB
 MICHAEL DAVIS WEIS
 JEAN CECILE WEISSMAN, Honors in
 Liberal Arts and Sciences
 STEVEN RONALD WESTMAN
 JOHN ALLEN WHITE
 JOHN HARDENBROOK WHITELEY
 CAROL LENA WILLIAMS
 ROBERT GEORGE WILLIAMS, Honors in
 Liberal Arts and Sciences
 CHERYL WEGENER WILSON
 DAVID ARNOLD WILSON
 MICHAEL GEORGE WILSON
 STEVEN JEFFERY WINKLER
 RONALD LAIRD WINTER
 CARLA NADINE WOLF
 GLORIA GABRIELE WOLLERT
 RHONDA GUTTENBERG WOLLHEIM
 BARBARA WEISFIELD WOODRIFF
 BARBARA THOMPSON YEARGIN
 JERRY ALLEN YELK
 JOHN ZAHER II
 MONIKA ZAPPARDO
 DOROTHY BEVERLY ZIEFF, Honors in
 Liberal Arts and Sciences
 CHRISTINA RUTA ZUKAS
 JUDITH MAY ZURAKOV, Honors in Lib-
 eral Arts and Sciences
 ALBERT JACOB ZVIRBULIS

In the Teaching of English

DIANE ELLA COHEN, Honors in Liberal
 Arts and Sciences
 DONNA MARIE DEANGELIS, Honors in
 Liberal Arts and Sciences
 RACHEL EVELINE DIEHL
 VIRGINIA CLAIRE EDEN, Honors in Lib-
 eral Arts and Sciences
 LORRAINE MARIE FLAMINI
 EUNICE ROCHELLE GROMAN, Honors in
 Liberal Arts and Sciences
 HOLLY DOLORES HABERLE, Honors in
 Liberal Arts and Sciences
 MARY ELLEN HANEY

ROCHELLE LYNN HOLT, Honors in Lib-
 eral Arts and Sciences
 BETH RACHEL JOFFE, Honors in Liberal
 Arts and Sciences
 NANCY ANN KOLOS
 JOHN HARRY KOTEK
 SYBIL WHITEFIELD LARNEY, Honors in
 Liberal Arts and Sciences
 FRANCES DONNA LINDEMAN
 JUDITH ELLEN MALLER
 DOROTHY PROUTY McLAUGHLIN, Honors
 in Liberal Arts and Sciences

SHIRLEY ANN MILLER
 SUSAN ELLEN MOORE, Honors in Liberal
 Arts and Sciences
 MERLE HELENE MOSE
 JAMES THEODORE PETERSON
 SUZANNE LYDIA PRENTICE
 ANDREA FAY RAPPAPORT, Honors in
 Liberal Arts and Sciences
 SANDRA RAE RUBENSTEIN

LARRY MARTIN SHAPIRO
 NANCY SKOLNIK, Honors in Liberal
 Arts and Sciences
 MARY IRENE TAKACS, Honors in Liberal
 Arts and Sciences
 MARYJANE ANNE VLK
 BETTY LONDON WALDHAUSER, Honors
 in Liberal Arts and Sciences
 NAOMI YUTAN

In the Teaching of French

NANCY PERLMUTTER BRODY
 CHRISTINE CATHERINE GEANON
 MARSHA JEAN GUERRIE, Honors in Lib-
 eral Arts and Sciences
 LINDA GAIL KAPLAN
 ALINA LICHTENSTEIN, Honors in Liberal
 Arts and Sciences
 NANCY STAGMAN MELLOW, Honors in
 Liberal Arts and Sciences with Dis-
 tinction in French

GEORGANN WENNERBERG MOORE, Honors
 in Liberal Arts and Sciences with
 Distinction in French
 PIER LUIGI ROSELLINI, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in French
 CAROLINE HEILBRUNN SHEFFEY, Honors
 in Liberal Arts and Sciences

In the Teaching of German

CHRISTINE HELEN BARABOLAK

In the Teaching of History

ROBERT ABELSON
 ROBERTA ANN BAER, Honors in Liberal
 Arts and Sciences
 CAROLYN JANE FREEMAN, Honors in
 Liberal Arts and Sciences with Dis-
 tinction in History
 JOYCE WITT GOLDBERG
 DONALD JOHN GRAUER, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in History
 JOAN GERSHEN MAREK, Honors in Lib-
 eral Arts and Sciences
 MILDRED MARTINEZ
 HOWARD SHELDON NOCHUMSON, Honors
 in Liberal Arts and Sciences

SUSAN JOY SCHWARTZ, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in History
 RONALD STEVEN TALMAN, Honors in
 Liberal Arts and Sciences
 DONA JEAN UNTI
 KATHLEEN AGNES VOGT, Honors in Lib-
 eral Arts and Sciences
 MARY ELEANOR WILLIAMS
 RISA JANE WOLFGANG
 SUZANNE CORINNE ZEHME
 EVELYN ZUKERMAN, Honors in Liberal
 Arts and Sciences

In the Teaching of Political Science

PAMELA JOYCE NURENBERG, Honors in
 Liberal Arts and Sciences

PAULA ANNE SCHILLACE, Honors in
 Liberal Arts and Sciences

In the Teaching of Spanish

GAIL RAE KOFFMAN, Honors in Liberal
 Arts and Sciences
 THEODORE LONG

ROBIN KOENIG STEINBERG, Honors in
 Liberal Arts and Sciences

Degree of Bachelor of Science

In Chemistry

MICHAEL ANTHONY BENEDETTO
 HANA SEGALL BRAGINSKY
 PHILLIP JOHN DECHRISTOPHER
 SHELDON MARK GELBART
 WILLIAM DAVID JOSEPHSON
 PATRICIA ALICE MOORE, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in the Curriculum
 WILLIAM LEE MOORE
 ARTHUR GERALD OSTER

EUGENE STEPHEN PACKER, Honors in
 Liberal Arts and Sciences
 MARJORIE LYNN PESARESI, Honors in
 Liberal Arts and Sciences with Dis-
 tinction in the Curriculum
 JAMES THEODORE PRZYBYTEK
 LEONARD WIECZOREK
 ARTHUR MICHAEL ZEBELMAN, Honors in
 Liberal Arts and Sciences
 DAVID LOUIS ZEBELMAN

*In Liberal Arts and Sciences**Conferred June 19, 1966*

HOWARD LESLIE BLAZ

Conferred June 18, 1967

WILLIAM ADAMS
 PETER DAN AGNOS
 MOHAMMED HUSSEIN AL-A RAJ
 JAMES CURTIS AUSTIN
 DONALD ALVIN BABB
 ALI MUHAMMAD BAGHDADI
 CHARLES MARC BASS, Honors in Liberal
 Arts and Sciences
 DONNA ELAINE BEER
 HARVEY STANFORD BENVENISTE
 ROCHELLE LEA BERMAN
 PAUL ARTHUR BILOW, Honors in Lib-
 eral Arts and Sciences
 JANICE ELLEN BITTNER
 CHARLES MICHAEL BLAZEVICH
 FREDRIC EARL BOHL, Honors in Liberal
 Arts and Sciences with Distinction
 in Mathematics
 EUGENE DANIEL BOLZAN, Honors in
 Liberal Arts and Sciences
 SUZANNE BOURG, Honors in Liberal
 Arts and Sciences
 ROBERT EUGENE BURNETTE
 JOSEPH LOUIS CAMPION
 JUDY ANN CARSELLO
 RONALD CATHCART
 JOSEPH DOMINICK CESARIO
 MICHAEL JOHN CICHON
 GAYLE HELEN DAVIDONIS, Honors in
 Liberal Arts and Sciences
 ROGER EDWARD DECOOK, Honors in
 Liberal Arts and Sciences
 NORMAN JOSEPH DU FORE
 NASSER EILIAN
 HAROLD EUGENE EISENBERG
 JEFFREY DAVID FELDSTEIN
 DANIEL JOSEPH FERGUSON
 MARTIN FINE, Honors in Liberal Arts
 and Sciences
 GAIL KARLA FINKEL
 HUBERT EDWARD FOSTER
 PAUL GREGORY FOSTER
 GAIL ALBA FRENDRIS
 PEGGY FUJINAKA, Honors in Liberal
 Arts and Sciences with Distinction
 in Mathematics
 PATRICIA MARIE GALUSKA
 HELEN GIANNAKOPOULOS
 EARLYNE SPALDING HANSON
 JAMES ARTHUR HINCKLEY, Honors in
 Liberal Arts and Sciences
 GERALD LAWRENCE HOFF, Honors in
 Liberal Arts and Sciences
 CARL LIVERSTON IVEY, Honors in Lib-
 eral Arts and Sciences
 LAWRENCE MARVIN JACOBSON
 ERWIN STEWART JANUSH, Honors in
 Liberal Arts and Sciences with
 Distinction in Mathematics

WILLIAM ROY JANZEN
 WILLIAM RICHARD JEFFERY
 ROBERT JAMES JEVICKS
 VALERIE KATHRYN JOHNSON
 ROBERT JOSEPH JUR
 KIT YEE SHERI KAN
 DAVID ASCHER KAUFMAN
 EDWARD JAMES KEPKA, Honors in Lib-
 eral Arts and Sciences
 THOMAS JOSEPH KING, JR.
 RAY ALAN KIPNIS, Honors in Liberal
 Arts and Sciences
 WILLIAM GUSTAV KLAVES, Honors in
 Liberal Arts and Sciences
 ANITA CAROL KLEIN, Honors in Liberal
 Arts and Sciences
 GLORIA JEAN KLIZICKI, Honors in Lib-
 eral Arts and Sciences
 MATTHIAS KNIESEL, JR.
 GEORGE JOSEPH KOCAN
 SANDRA SACHIYO KODANI
 RAMUNE MARGARET KROSNUNAS
 JOSEPH FRED KRUEGER, Honors in Lib-
 eral Arts and Sciences
 DEAN LADAS, Honors in Liberal Arts
 and Sciences
 NIJOLE MARIE LEIPUS
 MICHAEL STEWART LERMAN
 MORRIS LEVY, Honors in Liberal Arts
 and Sciences
 NANCY MIKOS LEWIS
 GARY LIBMAN
 TERRANCE JOSEPH MAGOC
 PAULA MARIE MAIONCHI, Honors in
 Liberal Arts and Sciences
 EDWARD MANCILLA
 ROBERT EDWARD MANKA
 STEPHEN FRANCIS MC VEIGH
 NANCY MARY MIELINIS
 ADELE ELIZABETH MIGDAL
 ELLYN TEMA MILLMAN, Honors in Lib-
 eral Arts and Sciences
 RAMON EMILIO MONCADA
 WILLIAM ALLEN MOROWITZ, Honors in
 Liberal Arts and Sciences
 JOHN PHILIP MUSSEY
 RALPH MICHAEL PIPITONE
 IRWIN POLLS
 WILLIAM CLARENCE PRESSLEY
 JOHN THOMAS PRESTON
 DENNIS FRANCIS QUINN
 JOHN LINCOLN RASHO
 JOAN MAUREEN RESK
 CAROL LYNN REYNOLDS
 AHMAD JOHN REZAIAN
 GEORGE STEPHEN RICHARDS
 JAMES HOWARD RICK

GEORGE THEODORE RICKER, JR.
 WILLIAM DONALD ROBB
 JOHN ROSE
 ROBERT BARRY ROSEN
 PHILIP ADRIAN RUSH, Honors in Liberal Arts and Sciences
 IRWIN MICHAEL SEIDMAN
 MELVIN JOHN SHEMLUCK
 HAROLD KENNETH SHINSKY
 CHERYL JEAN SIMANDL
 JUDITH ANN SKOWRONEK
 HARVEY WAYNE SMALL
 MICHAEL BEN SPEISER
 ROBERT JOHN SPIEWAK
 MARIBETH JO STEPANEK
 DENNIS WILLIAM STETTER

RONALD JOSEPH SURZ, Honors in Liberal Arts and Sciences with Distinction in Mathematics
 JAMES ROBERT TAMER
 JAMES SHERMAN TATE, JR.
 GIAN LUIGI VASCOTTO
 RAISA ASTA VIRTANEN
 SHELLEY WERNICK, Honors in Liberal Arts and Sciences
 WILHELMINA WILSON
 RONALD DAVID WISE
 SANDRA LEE WOODARD
 LEWIN WYATT, JR.
 MICHAEL YANOFF, Honors in Liberal Arts and Sciences with Distinction in Mathematics
 NEIL FRANK YORK
 THEODORE ALLEN ZALEWSKI

In Physics

ALAN EDWARD ALGUSTYNIAK
 THOMAS ROBERT BANACH
 GERALD HENRY BENNETT
 JAMES HOWARD BORCHARD
 JAMES STANLEY DOVICK, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
 LAWRENCE VICTOR GALIMSKI, Honors in Liberal Arts and Sciences
 ERNESTINE HELEN GIESECKE

ANTONIOS GONIS, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
 ROGER WILLIAM KNITTER
 ROSTYSLAV JOSAPHAT KUTKO
 WILLIAM FRANCIS MCCULLOUGH
 KARL ROBERT OLSON
 GEORGE MARTIN PETTY, Honors in Liberal Arts and Sciences
 JOHN TOTORAITS

In the Teaching of Biological Sciences

LINDA JANE GRAY

MARY JANE GUT, Honors in Liberal Arts and Sciences

In the Teaching of Geography

GERALD JAMES MEAKER
 DIANE STELLA NAPOLSKI

ARTHUR FRANCIS ZACHARSKI

In the Teaching of Mathematics

RICHARD WILLIAM DEPTUCH, Honors in Liberal Arts and Sciences with Distinction in Mathematics
 KAREN DIM
 VIRGINIA KNAPP DONOHUE
 MARTHA ANN GIMPEL
 CONSTANCE ANNE HENTSCHEL, Honors in Liberal Arts and Sciences

TOMI ANITA ISHIWARI, Honors in Liberal Arts and Sciences
 KENNETH FRANKLIN LETRAUNIK
 ALEXANDER NICHOLAS MOERLE
 LINDA NANCY SCHLESINGER
 LYNN HARRIET SHEVELENKO, Honors in Liberal Arts and Sciences
 MARY MARGARET STEC

In the Teaching of Physics

ROGER STEVEN KOLMAN

COLLEGE OF BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Accounting*

KENNETH HENRY AGRSS
 MICHAEL ANTHONY ALAGNA
 ELLIOT STEPHEN BACALL
 GARY WILLIAM BEMM
 JORDAN CHARLES BERGER, Honors with Distinction in Accounting
 JOSEPH STANLEY BROSILO
 GERALD MICHAEL BURKE
 GEORGE VINCENT BUTOWICK

FRANK CANKO, Honors with Distinction in Accounting
 JOSEPH JOHN CHOBOT
 RONALD HENRY COELYN
 CECIL RAY COX
 JAMES LARRY CRANDALL
 FRANCIS JOSEPH DREW, JR., Honors with Distinction in Accounting
 JOSEPH DARRELL DUDLEY

JEROME LEE FELDMAN
 ROBERT ALAN FETTIG, JR.
 MARK ELLIOT FINE
 MARK RICHARD GELFELD
 NORMAN BRUCE GOLDBERG
 LOUIS HARRIS
 JAMES EDWARD HAYEK
 ROBERT JOHN HINKES
 GARY HIRSCH, Honors with Distinction
 in Accounting
 JAMES MICHAEL HLAVATY
 JAMES CLARENCE HOKLAS
 JOHN JACOB HOLECSEK
 THOMAS MICHAEL HOUGH
 JOSEPH MICHAEL KNUTTE
 RONALD MAX KRUEGER
 KENNETH MICHAEL KUEHNAU
 ROBERT CHARLES KUNTZENDORF
 DAVID RUBEN LAWRENCE
 BERTIL AXEL FREDRICK LINDGREN
 JAMES JOHN LIPINSKI, Honors with
 High Distinction in Accounting
 SEGFRIED ERWIN LOTZ
 BERNARD WILLIAM MADDEN
 MICHAEL CHARLES MAJEWSKI
 MATTHEW VINCENT MALOPSY
 HELMUT MLAKAR
 JOSEPH PETER MULLIGAN
 JOSEPH LEE OBERMAN
 LAWRENCE KIETH PETITTE, Honors

KAREN LEE POLLOCK
 DONALD HAROLD PRIMDAHL
 WAYNE GEORGE REMPERT
 GARY ALAN REZNICK
 PETER ANTHONY ROCUSH
 ROBERT MICHAEL ROSENBERG
 STUART NEIL ROTH, Honors with Dis-
 tinction in Accounting
 WILBERT EUGENE SANDER
 MORRIE SCHAFFER, Honors with Dis-
 tinction in Accounting
 BARBARA LEE SCHALLER
 WILLIAM EDWARD SCHULTZ
 NANCY BLANCHE SEJBL
 JOEL DONALD SHALIN
 SHELDON EDWARD SILVER
 MICHAEL LESLIE SIMON
 EDWARD SPITZ
 KATHERINE THERESA TERMANAS
 MICHAEL AUGUST THYRY
 PATRICK JOSEPH TOAL
 MYRON SOL TUSHBAI
 DAVID JOHN VITEK
 MICHAEL JOSEPH VRCHOTA
 WALTER PAUL WADE
 WILLIAM DONALD WALLENBECKER
 DAVID ROY WALTON
 ALAN SANFORD WILENS, Honors with
 High Distinction in Accounting

In Economics

HOWARD PHILLIP ALTERMAN
 CECIL ELVIN BELL
 WILLIAM ANTHONY BORDONE
 JOEL WILLIAM BRODY, Honors with Dis-
 tinction in Economics
 MICHAEL THOMAS FOSTER
 JULES KENNY FOX
 PAUL EDWARD GERINGER
 JOSEPH RAYMOND GOMOLSKI
 THOMAS HAROLD GREENER
 JOHN ABEL HIRSHMAN
 HEINZ GERHARD JAKAL
 HARALD ERNST KARLSSON, Honors with
 Distinction in Economics
 ERIC STEFAN LOLANS

JAMES FRANCIS MACK
 PATRICK JOSEPH MCGINLEY
 ROBERT JOHN NEURAUTER
 JAMES MARTIN NICKERSON, JR.
 HARRY PESTINE
 DONALD ALBERT PETRIZZI
 DANIEL WILLIAM SERRITELLA
 STEVEN ROBERT SHANIN
 RICHARD ALLEN SINGER
 EDWARD DAVID STERN
 LARRY BYRON SWANSON
 STANLEY DENNIS TOMASZEWSKI
 ROBERT MILES UNWIN
 RICHARD JAY YOUNG
 DONALD GEORGE ZALOUDEK

In Finance

GERALD JOSEPH COLLINS
 SALVATORE JOSEPH DI PIETRO
 DONALD WALTER GRABOWSKI
 KENNETH STEVEN KLIMALA

MELTON ALFRED NEALE
 DENIS LEN SCHNELL
 JOHN JOSEPH SPAETH
 THOMAS JOSEPH SWAN

In General Business

STEPHEN LOUIS CROOK
 JOSEPH JAMES D'ASTO
 MYRON JOSEPH GAYLORD
 ERNEST MORRIS GOTTLIEB
 JAMES MARION INDELAK
 ROBERT NEIL KNUTSON
 GUNDEGA JUNE KREICBERGS

ROBERT RONALD ROGUS
 THEODOR HERMAN SCHUERFELD
 ROBERT MORTON SILVERS
 MICHAEL JOHN VELTEN
 DAVID DEAN ZEHREN
 LEE HOWARD ZINDELL

In Management

JAMES EDWARD DI GREGORIO
 MICHAEL PATRICK HICKEY
 ROBERT JAMES MUSZANSKI
 GEORGE ANTHONY NEUMAN, Honors

THOMAS JOSEPH O'DONNELL
 HAROLD JOHN OLSEN, JR.
 MELVIN KENNETH SCHMULDIT

In Marketing

KENNETH JOSEPH BLAKEMAN, Honors
 JERRY EDWARD CAMPBELL
 KENNETH JAMES CORTESI
 ALOYSIUS JOSEPH CWIAK
 JEROME ANTHONY DePALMA
 ROBERT ALAN DAHL
 DIANE GRACE FENTON
 ROBERT ALBERT FREIBOTH
 THOMAS LOUIS GREANIAS
 LOIS RUTH GREENBERG
 JAMES MITCHELL JASON
 PHILLIP RALPH MONSON
 ROBERT JOSEPH OBROCHTA

RICHARD BARRY ORLOFF
 JOSEPH HARMON PERLSTEIN
 ANTHONY ALFRED POLENZANI, JR.
 JAMES ALBERT REYNOLDS
 THOMAS JOSEPH RINELLA, Honors
 VERNON MICHAEL SCACCI
 ELLIOT CHARLES SHEAR
 KAY ANN SOUTHARD, Honors
 THEODORE ANTHONY STAREWICZ
 PETER SZEKRENYI
 LEWIS RONALD TOPPEL
 GARY EDGAR WANDREY

COLLEGE OF ARCHITECTURE AND ART**Degree of Bachelor of Architecture***In Building Technology*

RONALD ALVIN MONROE
 JOHN ROULPH TARLOS

TIMO ARTO VIRTANEN

In Design

OREST WALTER BARANYK
 JOSEPH PATRICK FERRERI
 JOSEPH JAMES GRYSBECK
 BRUCE ERIC JOHANSON
 DONALD ARTHUR JOHNSON
 JOHN THOMAS JORGL

LOUISE STEPHANIE KASZA
 CARL ARTHUR KOWSKY
 ROLAND LESLIE LIEBER
 VASSILIOS AT. NICOLAOU
 RICHARD KEITH REDEMSKE

In Humanities

GEORGE CHARLES BAUER

In Structures

ROBERT GLENN AHRENS
 THOMAS ANDREW EPPINGA
 TAL GOTLIB
 JOHN CHRIST KAREDES
 GUENTER MARTIN LEHMANN, Honors

DONALD PAUL NERON
 REINHARD JOHANN SCHNEIDER, Honors
 JOHN SILVA
 EUGENE WALTER SZWAJKOWSKI
 JOHN HENRY WRONKIEWICZ, Honors

Degree of Bachelor of Arts*In Art History*

CALVIN LEE KOWAL

In Design

FAROUK MIR ARJMAND
 HOLLIS JANE BRODY
 GEORGE CONRAD
 JANET ANN CRAWFORD
 FLORENCE SYLVIA DRY
 MARIE GREGG
 DONNA PEDOTE JAGGARD
 CHRISANTHE KRONGOS
 FRANCES KAY MILLS

RICHARD JUSTIN PIGHINI
 CHARLA JO SEBASTIAN
 TALBERT MASATO SHINSAKO
 WILLIAM IRVING SPIEGEL
 SUSANNE STEHLIK STRATIGAKIS
 JOYCE EIKO TABA, Honors
 WILLIAM HAZEN TEEPLE
 SUZANNE LEE ZORIC

In Plastic and Graphic Arts

CHERYL GRECO BIERIE, Highest Honors
 JAN ELLEN COOK
 CHARLES HARRY HIPPCHEM

HALINA ELIZABETH MARCINKOWSKI
 JUDITH PATRICIA PFEIFFER, High
 Honors

JULIETTE DRECHSLER RICHMAN, Highest Honors ROEN BARI SAGETT
 MARY IRENE UPHAUS

Degrees Conferred at the Medical Center

HONORARY DEGREES

Conferred June 9, 1967

Doctor of Science

KATHARINE ELLEN FAVILLE, B.S., M.S.

Doctor of Laws

THEODORE KENNETH LAWLESS, A.B., M.S., M.D., D.Sc., LL.D.

GRADUATE COLLEGE

Degree of Doctor of Philosophy

Conferred June 9, 1967

In Anatomy

ANNA MARIE CONWAY, B.S., M.S., University of Wisconsin, 1946, 1950
 WESLEY PAYNE NORMAN, A.B., A.M., Southern Illinois University, 1952, 1954

In Biological Chemistry

DAVID E. UDDIN, B.S., Drake University, 1963
 PATRICIA JOSEPHINE WALSH, B.S., Mundelein College, 1956; M.S., University of Pittsburgh, 1958

In Chemistry (Pharmaceutical)

TERRY THOMAS CONWAY, B.S., Loyola College (Canada), 1962; M.S., Loyola University, 1965
 THOMAS EDWARD DICKERHOFE, B.S., 1963
 MOHAMED ABD EL FATTAH EL DAWY, B.S., in Pharmacy, Master of Pharmacy, Alexandria University, 1960, 1962
 MORTON JAY KANTER, B.S., 1963
 DENNIS POGANY, B.S., University of Connecticut, 1961
 GEORGE EDWARD WRIGHT, B.S., 1963

In Microbiology

PETER JOHN FISCHINGER, M.D., 1963
 LUBA LISZCZYNSKA KOSTIW, A.B., St. Xavier College, 1959; M.S., Loyola University, 1961
 JAMES RICHARD WATSON, B.S., Loyola University, 1961

In Pharmacology

ROBERT GEORGE BAKER, A.B., North Central College, 1962
 NABIL RAMZI BANNA, B.S., American University of Beirut, 1958

In Pharmacy

ROBERT GEORGE MRTEK, B.S., 1962
 DANIEL ALOYSIUS NONA, B.S., M.S., 1958, 1963

In Physiology

JERROLD BERNSTEIN, B.S., M.D., Master of Surgery, McGill University, 1958, 1963
 BERTIL EUGENE GLADER, A.B., Northwestern University, 1963
 JOYCE HELEN JOHNSON, A.B., Mount Holyoke College, 1962
 ROBERT MAKOTO KODAMA, A.B., University of Hawaii, 1955

Degree of Master of Science*Conferred June 9, 1967**In Anatomy*

DAVID HAROLD BERMAN, A.B., Grinnell College, 1964
 NICK STEVEN HARRIS, B.S., University of Wisconsin, 1964
 GERALD DAVID MEETZ, A.B., North Central College, 1959
 YVONNE LILLIBETTE NEWSOME, B.S., Virginia State College, 1965
 SUSAN LOUISE ROSE, B.S., Old Dominion College, 1964
 FREDERICK HENRY WEZEMAN, A.B., Hope College, 1964

In Biological Chemistry

ANTHONY MICHAEL ADAMANY, A.B., Rockford College, 1962
 DANIEL FRANCIS ALBERTSON, B.S., Ferris State College, 1963
 DALISAY TAN CHIONGLO, B.S., University of Santo Tomas, 1962
 RICHARD WILSON GRAY, A.B., North Central College, 1964
 JUDITH DEGNAN MARSHALL, B.S., Eureka College, 1963
 RODGER LYNN SCHLAF, A.B., Augustana College, 1962

In Chemistry (Pharmaceutical)

GERALD HARRY KELLER, B.S., Roosevelt University, 1964
 CARROLL WAYNE OURS, A.B., Bridgewater College, 1963

In Histology (Dental)

ROY STUART SCHWARTZ, B.S., D.D.S., University of Minnesota, 1959, 1961
 STEPHEN HON YIN WEI, B.D.S., M.D.S., The University of Adelaide, 1962, 1966

In Microbiology

JOHN JOSEPH ALBERS, A.B., 1965
 JAMES GERARD GALLAGHER, JR., B.S., Loyola University, 1963
 JAMES PETER KULLA, B.S., Purdue University, 1963
 MARCELLA ARLINE MCLESTER, A.B., Elmhurst College, 1964

In Oral Pathology

LARRY EUGENE QUACKENBUSH, D.D.S., 1961

In Oral Surgery

VICTOR NATHAN DIRENFELD, D.D.S., University of Toronto, 1963
 JOHN EDWARD KNOX, D.D.S., 1963

In Orthodontics

PETER LAGIOS, B.S., University of Akron, 1957; D.D.S., Ohio State University, 1965
 JACK EUGENE MASCIA, B.S., D.D.S., University of Pittsburgh, 1961, 1965
 CHARLES THOMAS PAVLICK, JR., B.S., D.D.S., University of Pittsburgh, 1961, 1961
 JAMES RICHARD REHAK, B.S., D.D.S., 1960, 1962
 DAVID ROBERT WILLIAMS, B.S., D.D.S., University of California, 1964, 1964
 BRIAN LEE ZEINER, D.D.S., University of Buffalo, 1961

In Pharmacology

HARRIET ARONS BAKER, A.B., Wells College, 1963
 JAMES RALPH COOK, B.S., 1964
 JOSEPH EDWARD DELARCO, B.S., St. Procopius College, 1963
 JANE HANA NOVAK, A.B., Skidmore College, 1965

In Pharmacy

MICHAEL HOWARD STOLAR, B.S., 1964

In Surgery

JOHN VIRGIL BELMONTE, JR., B.S., John Carroll University, 1959; M.D., Loyola University, 1963
 KARAMAT ULLAH CHOUDHRY, M.B.B.S., The University of the Panjab, 1960

BERNARD PATRICK FLAHERTY, B.S., Xavier University, 1959; M.D., 1963
 DAVID RAYE GYER
 JEARL RAY LINDLEY, B.S., New Mexico State University, 1960; M.D., University
 of Colorado, 1964
 JOHN THOMAS MEHIGAN
 LOARN BEATY PEMBERTON, A.B., Harvard University, 1958; M.D., Northwestern
 University, 1962
 ANTONIO RAMOS, M.D., National University of Mexico, 1950

Degree of Master of Science in Nursing

Conferred June 9, 1967

GLORIA THERESA BERNATH, B.S., 1956
 ARLENE ANN HICKORY, B.S., Loyola University, 1962
 DONNA LEE PREUSS, B.S., 1965
 BARBARA RUTH ROSTHOLDER SALTZMAN, B.S., 1962
 JANET WIDHOLM WHITMAN, B.S., Illinois Wesleyan University, 1964

COLLEGE OF DENTISTRY

Degree of Bachelor of Science in Dentistry

Conferred March 18, 1967

KEITH EDWARD ALLEY
 THOMAS LEO MULLOOLY, D.D.S., 1965

GERALD WAYNE STONECIPHER, D.D.S.,
 1965

Degree of Doctor of Dental Surgery

Conferred June 9, 1967

RICHARD WILLIAM ALCORN
 ANDREW JARVIS ALLEN, B.S., 1965
 ANDREW VINCENT ARRIGO, B.S., 1965
 MARK RICHARD BARE
 BARRY PAUL BENNETT
 KENNETH ROGER BIEL, A.B., Hope Col-
 lege, 1963
 BARRY MICHAEL BOLEWICZ, A.B., Stan-
 ford University, 1963; B.S., 1965
 CHARLES KASTEN BRINK, B.S., 1965
 RUDOLPH ROBERT BURGER-ZELLINGER,
 B.S., 1965
 STUART ALAN BYER, B.S., 1965
 BENGT EVERT CARLSTRAND, B.S., 1965
 NICHOLAS CHRIS CHIPAIN, B.S., 1965
 THOMAS MICHAEL CONNELL, B.S., 1965
 STUART MICHAEL DUNN, B.S., 1965
 JON MICHAEL FINLEY, A.B., Greenville
 College, 1964; B.S., 1965
 RONALD LEE GALIENE, A.B., DePauw
 University, 1958; B.S., 1965
 ERROL MICHAEL GILLIS, B.S., 1965
 ALLEN GORE
 JOHN CHARLES GRABOW, B.S., 1965
 E. BRADY HANCOCK, B.S., 1964
 JAMES DOUGLAS HASTINGS
 DAVID TODD HICKS
 LARRY IRWIN HOFFMAN
 WILLIAM CRAIG HUMPHREYS, B.S., 1965
 ALLAN DAVID JOHNSON, B.S., North
 Park College, 1963; B.S., 1965
 RONALD KENT JONES, B.S., Iowa Wes-
 leyian College, 1963; B.S., 1965
 JAMES PAUL JOSEPH, B.S., 1965

ROBERT MILTON JOURDAN, B.S., 1965
 ARNOLD EUGENE JOYNER
 GENE ALLEN KEESSEN
 JAY GERALD KOLB, B.S., 1965
 RICHARD KRAUSE, B.S., 1965
 JUDITH CECELIA KUSEK, with Honors;
 B.S., 1965
 THOMAS CHRISTIAN LAKARS, with Hon-
 ors; B.S., 1965
 DANIEL LINCOLN LASSMAN, B.S., 1965
 GERALD JOSEPH MALEK, B.S., 1965
 RICHARD FOSTER MCBRIDE, B.S., 1965
 THOMAS KINCAID MCCAWLEY, B.S., 1965
 RONALD MARSHALL MILNARIK, B.S.,
 1965
 GLENN LEO MITCHELL, B.S., University
 of Wyoming, 1957
 RAYMOND LEE ODLE, A.B., Southern
 Illinois University, 1953; B.S., 1965
 JOHN WALTER OLSON, B.S., 1965
 JAMES HAROLD OPDAHL, with Honors
 RONALD BENJAMIN ORR
 RAYMOND ELIE OWENS, B.S., 1965
 DENNIS GEORGE PAGE, A.B., West-
 minster College, 1963; B.S., 1965
 ELMER CURTIS PATTERSON III, B.S.,
 Central Michigan University, 1962
 JAMES LEE PROCTOR
 DONALD GEORGE RICHARDS
 FORD GIBSON ROBERTS, with Honors;
 B.S., 1965
 ROBERT REID SCAIFE, JR., A.B., DePauw
 University, 1965
 RICHARD DOUGLAS SCHMIDT, B.S., 1965

CONRAD ALBERT SCHWALM, with Honors; B.S., 1965
 BRUCE WALDO SHRIVER, B.S., 1965
 FRANKLIN MATTHEW SPALDING, JR.
 JACK ERWIN TAUB
 ROBERT LEE TITUS, B.S., 1965
 THOMAS JAMES VAN BLADEL
 GILBERT GARY VONDRISKA

WARREN FREDERICK WAKERLIN, B.S., 1963, 1965
 WILLIAM WALLACE WEGNER, B.S., 1965
 PAUL JAY WILLIS, B.S., 1961
 ROBERT PETER WINDAUER
 GERALD LEON WINE
 CRAIG COOPER YOST, B.S., 1965

COLLEGE OF MEDICINE

Degree of Doctor of Medicine

Conferred June 9, 1967

LARRY GLENN ANDERSON, A.B., Knox College, 1963
 RICHARD IRVING ANGELL, A.B., University of Missouri, 1963
 GABRIEL ANGRES
 RICHARD DAVID ANTAL
 STEPHEN NEAL APRILL
 STEFAN DAN ARNON, A.B., University of Chicago, 1964
 ROBERT LEE BALDWIN, JR., B.S., Howard University, 1957; M.S., 1963
 SUSAN WIRTH BALTER, A.B., University of Chicago, 1963
 CHARLTON HENRY BARNES
 MICHAEL EDWARD BEATTY, A.B., Southern Illinois University, 1962
 STEPHEN PHILIP BECKER
 HARTLEY SHERWIN BEGOUN, B.S., Roosevelt University, 1963
 SAMUEL EDWARD BENJAMIN, JR., B.S., 1963
 PATRICK RAYMOND BERGEVIN
 NOLAN SHELLEY BERMAN
 MICHAEL ALLYN BLOOME
 DONALD EDWARD BOLDT, A.B., Bethel College, 1962
 JAMES RAYMOND BUECHLER, B.S., Illinois Institute of Technology, 1963
 RICHARD FRANCIS BULGER
 LOREN TAYLOR BURNS
 MORRIS BUTTON, B.S., 1964
 GLENN IRWIN CABIN
 ALAN VICTOR CADKIN, with Honors
 JOHN AUGUST CAROLAN, B.S., 1963
 IVAN LEONARD CHERMEL
 JAMES ALBERT CONROY, B.S., 1963
 JAMES RALPH COOK, B.S., 1964
 RONALD SABIN COOPERMAN
 ROBERT LEE COTTON
 FREDERICK DAVID COX
 DAVID BRUCE CRANDALL, A.B., Greenville College, 1961; M.S., 1963
 RICHARD GEORGE CULLEY, A.B., Northwestern University, 1962
 VIOLANTE EARLSCORT CURRIE
 THOMAS JOSEPH CUSACK
 WILLIAM ALAN DAVIS
 RONALD ELLIOTT DEBRUIN

CARL JOSEPH DEMARCO, B.S., Roosevelt University, 1963
 JOSEPH CHARLES DITZLER
 DAVID HUGH DONALDSON, A.B., University of Oklahoma, 1963
 TIMOTHY JAMES DOYLE, B.S., Drake University, 1963
 CLAIBOURNE IRA DUNGY, B.S., Eastern Illinois University, 1962
 ALLEN PAUL ERENBERG
 MICHAEL ALAN ERLICH, with Honors
 ROBERT STEVE FANTL, B.S., 1963
 JAMES ROBERT FARKAS
 KENNETH HAYS FARRELL
 MURRAY JACK FAVUS, B.S., 1963
 WILLIAM ARTHUR FIELDS
 PAUL NATHAN FINKEL, B.S., Illinois Institute of Technology, 1963
 MICHAEL LOWELL FISHER
 DAVID LAWSON FORE
 JACOB HARVEY FOX
 ROBERT ALLEN FOX
 LEON JAY FRAZIN
 CARL GILDEN
 ROBERT MAYNARD GILLER
 LOUIS ARNOLD GILULA
 CHARLES ISRAEL GLASER
 IRA DAVID GOLDFINE
 MARVIN GOLDMAN
 GEORGE IAN GOLDSTEIN
 MICHAEL JOHN GORAN, A.B., University of Chicago, 1963
 MICHAEL COWL GORDON, B.S., 1963
 LEONARD STANLEY GRABOWSKI, B.S., 1963
 RICHARD BRUCE GUTTLER
 DAVID RAYE GYER, with Honors
 DAVID RUDOLF HAUFERMANN, A.B., Purdue University, 1961
 ERNESTINE KENNIE HAMBRICK, B.S., University of Maryland, 1963
 GERALD THOMAS HANLEY, with Honors
 WILLIAM HIATT HART, A.B., DePauw University, 1963
 HOWARD IRVING HEILBRUNN
 LORING ROBINSON HELFRICH, with Honors; B.S., Denison University, 1963
 ISRAEL MEYER HELLER

- ROGER CLINTON HILL, B.S., B.V.M., 1960, 1962
 EUGENE HENRY HOFFKIN
 DON MICHAEL HOFFMAN, A.B., St. Joseph's College, 1963
 JOHN LAMBERT HOFSTRA
 DAVID STITZ HULL, B.S., 1964
 CAROL KROLL HURLEY, A.B., Northwestern University, 1963
 WILLIAM ORVILLE JAMES
 KENNETH PAUL JESUNAS, B.S., 1963
 ROBERT GEORGE JOBST, B.S., 1963
 MORRIS JOFTUS
 VIOLET RUTH JUODAKIS, B.S., 1965
 JAMES EDWARD JUPA
 RONALD ARTHUR KALAYTA
 DONALD PAUL KAMM, A.B., Providence College, 1963
 MICHAEL STUART KAPLAN, B.S., 1964
 PETER DONALD KAPLAN
 DENNIS LEE KASPER
 MARJORIE LYNNE KEELY, B.S., Carroll College, 1963
 LAWRENCE GERALD KRUGMAN, B.S., 1965
 GEORGE JOSEPH LAGEN, B.S., Lewis College, 1963
 STEWART ALLEN LAPIN, B.S., 1964
 CHARLES PITTMAN LAWLESS, B.S., 1963
 DAVID NATHANAEL LEAF, A.B., Augustana College, 1963
 LARRY EUGENE LEE, B.S., St. Louis University, 1963
 EDWARD ALVIN LEMBERT
 ROBERT LOUIS LESAGE, B.S., Purdue University, 1962
 ROBERT DAVID LEVINE, B.S., Carnegie Institute of Technology, 1963
 SHERWOOD ALAN LIBIT
 SUSAN ELLA LIPPETT
 BRIAN EMORY LLOYD, A.B., 1964
 ROBERT SAMUEL LOWITZ
 JAMES ARTHUR LOWY
 RICHARD ALBERT LUTES, JR., B.S., 1964
 MARY ANN LYNN
 JAMES ALAN MANN
 WILLIAM HARMAN MARTIN, with Honors; A.B., Knox College, 1963
 RICHARD WARREN MASUR, A.B., 1963
 ALAN ROBERT MCCALL
 STEPHEN ANDREWS MCCUE, A.B., University of Iowa, 1962
 JOHN THOMAS MEEHAN
 TIM CHARLES MILLER, A.B., 1963
 LAWRENCE FREDRICK NELSON, B.S., State University of South Dakota, 1965
 PETER HENRY NUTLEY
 SHEILAH MARIE O'CONNOR
 DONALD DAVID OHME, B.S., Beloit College, 1963
 JERROLD MICHAEL OLEFSKY
 SONNY SIMEON OPARAH
 RONALD MICHAEL PAUL
 HARRY PELLMAN
 KELSEY CARL PETERSON, JR.
 GAY PHOTOPULOS, A.B., 1964
 IRA JOEL PIEL, B.S., 1963
 CHRISTOPHER CHARLES PINN
 ROBERT WILLIAM POSEGATE
 DAVID REES POTTS
 GERALD MARTIN PRICE
 JOSEPH MUERI PRIMROSE, B.S., Eastern Illinois University, 1963
 FREDERICK RUSSELL RICKLES
 JACK CARTER ROBERTS, A.B., DePauw University, 1963
 CHARLES LOUIS ROETH, A.B., Carthage College, 1963
 ROBERT PAUL ROSENBERG, B.S., 1963
 JEAN SUSAN ROSENWALD, A.B., University of Wisconsin, 1963
 SIMEON ASHER RUBENSTEIN
 MICHAEL ELLIOT RUBIN
 STUART JOEL SALASCHE
 STEVEN LEWIS SAPKIN
 CHARLES JOEL SCHATZ
 KENNETH DALE SCHMIDT, B.S., 1965
 ARTHUR BRUNO SCHULLER, A.B., North Park College, 1963
 ELIZABETH LORRAINE SCHWEIGERDT, B.S., Millikin University, 1963
 NORMAN THOMAS SCOTT
 DOUGLAS SELDEN, A.B., Northwestern University, 1962
 LAWRENCE ANTHONY SENFFNER, B.S., John Carroll University, 1962
 IRWIN SHAPIRO
 GERALD MARTIN SHEFFREN
 MICHAEL STUART SIDELL
 RICHARD JUSTUS SIEBERT
 DONNA MARIE SIRBASKU, A.B., Bethel College, 1963
 IRA HARRY SLOAN, A.B., 1963
 EDWARD ALAN SMITH, A.B., Dartmouth College, 1963
 CARL WILLIAM SODERSTROM, JR., B.S., 1964
 NORDY SHELDON SPIVACK, B.S., University of Wisconsin, 1964
 JAMES BAPTISTE STEICHEN, A.B., University of Colorado, 1963
 WILLIAM HENRY STONE, B.S., 1963
 JOHN DELANO STROUD
 HENRY JAMES SULLIVAN
 JEFFREY WALTER SWIDER
 STEVEN ANDREW TATAR, A.B., Northwestern University, 1963
 RODNEY LAWRENCE TEICHNER, A.B., 1964
 MELVYN SEYMOUR TOCKMAN, B.S., 1964
 LARRY JOSEPH VANWIEL
 GARY MILES WATERS, B.S., Purdue University, 1963
 MAX LYNN WEBEL
 MELODY M. WECHSLER, B.S., 1963
 LAURENCE ALLAN WEINER

KATHERINE ANNE WIER, A.B., Carleton
College, 1963
MARTHA JOANNE WILLI
ETHELYN JUANITA WILLIAMS, B.S., Cen-
tral State College, 1960
JOHN CONRAD WOERNER, B.S., Bradley
University, 1963
NEIL WAYNE WOLF, B.S., 1963

DONALD KARL WOOD, B.S., 1962
RICHARD THOMAS YATES, with Honors
LAURENCE GLENN YELLEN, B.S., 1964
DONALD WILLIAM ZEILENGA, B.S., Cal-
vin College, 1963
RICHARD HENRY ZEISS, B.S., 1964
HOWARD JEROME ZEITZ

SCHOOL OF ASSOCIATED MEDICAL SCIENCES

Degree of Bachelor of Science in Medical Record Administration

Conferred June 9, 1967

JOAN GWEN ALPERT
SUSAN HOLLIS APRILL
BARBARA JANE BLACK

SUSAN MARCIA DUBINSKY
CAROL MANCOFF SARCHÉ

Degree of Bachelor of Science in Medical Technology

Conferred June 9, 1967

BARBARA LYNN CRAIG
DIANA LYNN DOBRZALSKI
KATHLEEN MARIE ERICKSON
KAREN ANNE McLAUGHLIN
FRANCYNE KAREN PIRAINO
CONSTANCE KATHLEEN ROLISON

LINDA CHRISTINE SCHUMACHER
JANICE MARSHA STEINBERG
BERYL JANET TUCKMAN
MILDA PIKELIS VOLODKA
SUE ELLEN WETZEL

Degree of Bachelor of Science in Occupational Therapy

Conferred June 9, 1967

NANCY BALDWIN
MARY SUE BEHRENS
RITA MARIE GERHART
MARSHA JANICE GOODMAN, with Honors
CAROL CRANDALL HOLMES
JANE CHRISTINE IBER
SUSAN MARY HASELHORST LINDAHL,
with High Honors

DONNA RAE LINDBERG
LORAY ANN MEEDER
BARBARA ANN GRINDSTAFF NORTON
CATHLEEN CAROLINE SCHOENSIEGEL
JEANNE WISE SLEEPER
SANDRA JEAN TUNELL
CAROLYN LEE VAN TYREE

COLLEGE OF NURSING

Degree of Bachelor of Science in Nursing

Conferred March 18, 1967

AIDA ELIZABETH CREER
FALVIA DELGRACIA JACKSON

JEAN ANN JOHNSON
DOROTHY MARIE PATTESON

Conferred June 9, 1967

HELEN JANET BAUM
ALICE McLANE BERGEVIN
BARBARA ANN BLENKER
ROSELLEN LOU BOHLEN
JOYCE LYNN BOSTROM
STARR DIANE BRAVERMAN
MARTHA MARIE MAUDLIN BROWN
MARTHA ANNE SMUTZ BURKLAND
CAROLYN ELECTA CARR
ARLENE JOYCE COX
ROSEMARY DILLON
LYNN ELLEN DOTY
MARSHA SUZANNE FUHR
VIRGINIA LEE HALL
LAURA CATHERINE HINES
JOAN TEPPER HOCH

JUDITH ANNE HOGGAY, with Honors
DONA MILBY HOLMES
JANET DORIS IKENN
MARGARET RUTH ITTNER
KATHLEEN CARROLL JUSTICE
NATALIE GOROS KALOUSEK
CHRISTINE DIANE KUKLEWICZ
THEODORA JOANNE LACOCO
GAIL COOK LAMB
LOIS RUTH MANSSELL
STELLA MARIE MIKESSELL
MALINDA MIGHT MITCHELL
CHERYL ANN NASH
MARILYN HORSLEY NOTTOLI
EFFIE CARNETTA OLIVER
VIRGINIA MARIE PAS, with Honors

SANDRA LOUISE PETERS
 PHYLLIS YVONNE POWELL
 CAROLYN JEAN MITCHELL PURDY (Post-
 humously)
 KAREN BAGG RICHARDS, with Honors
 JOYCE LAURA RINGSTAD, B.S.N.,
 Wheaton College, 1960
 CONSTANCE IRENE ROBERTSON
 SHERRY HELEN SCHAFER

CAROLYN JEAN SCHORR
 BARBARA LEWIS SCOTT
 JEANNE ADRIENNE SIEBERT
 GERALDINE ANN TRCZINSKI
 JUDITH ANNE URBAN
 SUSAN SONIK WEITEKAMP
 FREDERICA LOUISE WIENEKE
 MELISSA EVANS WOOD, with Honors
 JOAN SALBERG ZOLTAN, with Honors

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

Conferred June 9, 1967

RUDOLF EMIL ALBRECHT
 ROBERT LEE AUTHENRIETH
 SIDNEY ALAN BARCH
 DANTE ROSARIO BARONE
 JOANNE BAROUNIS
 LAWRENCE BEJNAROWICZ
 RICHARD CLIFTON CARROLL
 EDMUND PETER CHOROSKI
 SAMUEL KOTMAN CHOY
 JOEL FRANKLIN COLLENDER
 NANCY KAREN COWEL
 HARRY SEYMOUR CRUMP
 KEVEN NOVIS DAHL
 DENNIS PATRICK DAHLBERG
 RENA ELIZABETH BLUHM DEBRUIN
 ELIZABETH CECELIA HILTON DIAZ
 MYRON ALAN DOLIN
 GERALD FRANCIS DOYLE
 HOWARD ROY DUBMAN
 RANDY LLOYD ENEIX
 EUGENE MARTIN FRANK
 STEPHEN HOWARD FREED
 HING-CHEONG FUNG
 EDNA-MARIE BERNICE JONES FUSCO
 JOEL PETER GALLAGHER
 EMMETT JOHN GANTZ
 GERALD FRANCIS GEBHART
 SIDNEY IRWIN GOLDBERG
 STUART SEYMOUR GOLDNER
 GEORGE EDWARD GRIMM
 JULIA ANN HANNA
 JOE EDWARD HARBISON, B.S., Bradley
 University, 1959
 ARTHUR JAMES HELFAT, with Honors
 RAYMOND CARROL HESS
 WAYNE LOU JACOBSON
 EUGENE JAMES JUNG
 KATHLEEN ROSE KACZKOWSKI
 RALPH PATRICK KENNEDY
 WILLIAM JAMES KENNEDY
 JANICE LEE ANN KESSLER
 PATRICK JAMES KIRBY
 MICHAEL KLEIN
 RICHARD HARRY KNOP
 RONALD CHARLES KOPERA
 JOSEPH EDWARD KOWALCZYK

LOREN LEE LITTLE, JR.
 MARILYN KAY BURKE LYON
 KENNETH ARTHUR MACK
 ROBERT EDWARD MANDERNACK
 KENNETH MELVIN MANSK
 RONALD JAMES MATULA, B.S., Loyola
 University, 1964
 RICHARD LEE MAYNARD
 CHARLES RAYMOND McGRATH, JR.
 JOHN ROBERT MERTZ
 CLYDE EUGENE MILLER
 DANUTE MARIJA MOCKUS
 GARY RONALD MULDER
 HARVEY NADICK, with High Honors
 JEROME ANDREW NASENBENY
 MARGARET O'HARA
 MARY CATHERINE OSTRY
 RONALD JAY PALES
 EDWARD JOSEPH PANKIEWICZ, JR.
 SANDRA KURTH PARKASH
 OLGA PERDOMO
 MICHAEL FREDERICK PINSON, B.S., Illi-
 nois College, 1963
 LIUCIJUS PLENYS
 HOWARD MARK PODERS
 RICHARD JAMES PODLISKA
 MARSHA LYNNE PROBIS, with Honors
 JAMES LEE RIDDERHOFF
 THOMAS ALFORD RONGE
 PERRY LEE ROSE
 JOHN HARLEY SAMUELSON
 ROGER WILLIAM SCHNELTEN
 MICHAEL HOWARD SCHRANK
 PETE SEILER
 MICHAEL JOEL SILVER
 DERRYL GENE SINGLEY
 ROBERT WAYNE SMOLEK
 MARK JULIAN SOLOMON
 JOHN BERNARD SPANNUTH
 BERNARD STELZER
 STEWART EUGENE STERES
 JACK WILLARD STRANDHOY, with
 Honors
 SUSAN KAY STRANG
 TIEN SHUNG SUN
 JAMES RAYMOND THOMAS

THOMAS SALVATORE TRIPPIEDI
 FRANK CARL TYCHEK
 NANCY SUE VAN HUSS, with Honors
 KENNETH LUDY VENISNIK
 EDWIN WANTUBOWICZ, JR.
 DENNIS PAUL WEST

ELEANOR VICTORIA WILSON, with
 Honors
 THOMAS EDWARD WIRTANEN
 VALDA ANITA ZALUMS, with Honors
 JOHN CHARLES ZIEBELL

Degrees Conferred at Urbana-Champaign

HONORARY DEGREES

Degree of Doctor of Science

EMMANUEL C. AMOROSO, D.Sc., Ph.D., M.D.
 ALLAN R. SANDAGE, Ph.D., D.Sc.

Degree of Doctor of Public Administration

DAVID E. LILIENTHAL, A.B., LL.B., LL.D.

Degree of Doctor of Laws

QUINCY WRIGHT, Ph.D., LL.D.

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

JAMES FREDERIC ANTONIO, B.S., Miami University, 1961; M.S., 1963
 ROBERT WAYNE CLARKE, B.S., M.B.A., Syracuse University, 1961, 1962
 RICHARD FRANKLIN PAGE, B.S., M.S., Southern Illinois University, 1956, 1960
 AUSTIN M. SMITH, JR., B.B.A., M.B.A., Southern Methodist University, 1957, 1960

In Aeronautical and Astronautical Engineering

GERALD ELLSWORTH BERGMANN, B.S.A.E., M.S., University of Wichita, 1961, 1964
 EUGENE YU CHANG, B.S., South Dakota School of Mines, 1957; M.S., 1959

In Agricultural Economics

SATISH CHANDRA JHA, B.A., Bihar University, 1954; M.A., Patna University, 1957;
 M.S., 1961
 WILLIAM WILSON RIFFE, B.S., McMurry College, 1953; B.D., Garrett Biblical
 Institute, 1957

In Agronomy

LAVOY IVAN CROY, B.S., M.S., Oklahoma State University, 1955, 1959
 LAWRENCE EDWIN SCHRADER, B.S., Kansas State University, 1963
 RALPH HAROLD SEDGLEY, B.Agr.Sc., B.Agr.Sc.(Honours), M.Agr.Sc., University
 of Adelaide, 1954, 1957, 1959

In Animal Science

RAM PARKASH CHAUDHARY, B.V.Sc., Panjab University, 1950; M.S., Michigan
 State University, 1956
 RICHARD LEE HUSTON, B.S., M.S., 1961, 1964
 GARY LOUCKS JACKSON, B.S., A.M., University of Missouri, 1960, 1963
 DONALD LESTER MEYER, B.S., M.S., 1961, 1964
 KODUNGALLORE GODAVARMA RAJA, B.Sc., University of Madras, 1949; M.Sc., Ma-
 haraja Sayajirao University of Baroda, 1962

In Botany

HERBERT LAWRENCE MONOSON, B.S., M.S., Western Illinois University, 1958, 1961
 JUDITH ANN REIGHARD, B.S., Otterbein College, 1962; M.S., 1964

In Business

NICOLAAS JACOB SWART, Honours B.Com., M.Com., Potchefstroom University,
 1963, 1964

In Ceramic Engineering

DAVID GRIFFITH WIRTH, JR., B.S., M.S., 1959, 1960

In Chemical Engineering

ALLAN RICHARD CHAMPION, B.S., University of California, 1963; M.S., 1965

ROBERT WALTON VAUGHAN, B.S.Ch.E., University of Oklahoma, 1963; M.S., 1965

In Chemistry

HERMAN DAVID AXELROD, B.S., University of California (Los Angeles), 1963; M.S., 1964

ALLAN CLIFFORD BUCHHOLZ, B.S., University of Massachusetts, 1962; M.S., 1964

ALLAN CLIFFORD BUTTON, B.S., University of Wisconsin, 1961

MARY JANET CARDENAS, B.A., Oklahoma State University of Agriculture and Applied Science, 1963; M.S., 1965

HENRY FRED HENNEIKE, JR., B.S., 1963

CHARLES FREDERICK HOSLER, JR., B.S., University of Michigan, 1961; M.S., 1963

LEWIS ARTHUR JACOBSON, A.B., Amherst College, 1963; M.S., 1965

JAMES ARTHUR KNOPP, B.A., Carleton College, 1962

BRUCE MALCOLM MONROE, A.B., Wabash College, 1962; M.S., 1964

AUSTE MARIJA PALIOKAS, A.B., St. Xavier College, 1963; M.S., 1965

PAUL ALLAN SANDFORD, A.B., Albion College, 1962

DOROTHY MARY SOJA, B.S., University of Massachusetts, 1962; M.S., 1964

In Civil Engineering

HARRY EUGENE AULD, B.S.C.E., Michigan College of Mining and Technology, 1954; M.S., 1960

JOSEPH VINCENT BENAK, B.S., University of Nebraska, 1952; M.S., 1956

EDWARD JAMES CORDING, B.S., Wheaton College, 1960; M.S., 1963

ABDEL KARIM CONRADO, Ing. Civil, National University of Nicaragua, 1961; M.S., 1962

JOHN FREDERICK KIEFNER, B.S.C.E., M.S.C.E., Purdue University, 1962, 1963

CHARLES ROBERT MAREK, B.S., M.S., 1963, 1964

JAMES RONALD SALLEY, B.S., M.S., 1962, 1963

HARRY HIRAM WEST, B.S., M.S., Pennsylvania State University, 1958, 1961

In Communications

MUHAMMAD ALWI DAHLAN, B.A., American University, 1962; A.M., Stanford University, 1963

ALFRED ROGER GOBBEL, A.B., Gettysburg College, 1947; A.M., 1957

In Comparative Literature

SIEGFRIED ERNST MEWS, A.M., Southern Illinois University, 1963

In Computer Science

THOMAS ANDREW SLIVINSKI, B.A., Lehigh University, 1963; M.S., 1965

In Dairy Science

ROBERT AARON NIEDERMAN, B.S., M.S., University of Connecticut, 1959, 1961; B.S., D.V.M., 1962, 1964

In Dairy Technology

ANDERS OTERHOLM, Degree, Agricultural College of Norway, 1963

In Economics

ARTHUR EUGENE ABRASSART, B.S.M.E., Illinois Institute of Technology, 1963; A.M., 1964

HAMDY HESSIEN HESSIEN AFIFI, B.Com., Cairo University, 1950; M.S., 1964

JAMES CARTER COOPER, B.A., M.S., Texas A & M University, 1956, 1958

ROGER JEFFERY GREEN, B.S., M.S., 1962, 1964

ESTEL WAYNE NAFZIGER, B.A., Goshen College, 1960; A.M., University of Michigan, 1962

In Education

- KENNETH ROBERT CONKLIN, B.S., M.S., 1962, 1964
 ALFRED DUDLEY CURRY, B.A., University of Colorado, 1951; M.Ed., University of Missouri, 1956
 DEWITT COLUMBUS DAVISON, B.S.Sec.Ed., Alabama State College, 1954; M.Ed., Tuskegee Institute, 1961
 ORPHA KAY DUELL, B.S., Kansas State University, 1963; M.S., 1965
 DOUGLAS MCGUIRE, A.B., M.A., San Jose State College, 1954, 1960
 DONALD FREDERICK MOORES, A.B., Amherst College, 1958; M.S.Ed., Gallaudet College, 1959; M.A., San Fernando Valley State College, 1963
 MICHAEL JOHN PARSONS, B.A., University of Oxford, 1958; A.M., 1965

In Electrical Engineering

- SADANAND DINKAR AGASHE, B.E., University of Bombay, 1961; M.S., 1963
 SZU-CHI CHANG, B.S., National Taiwan University, 1956; M.S., Kansas State University, 1960
 CARL LAWRENCE GRUBER, B.S., M.S., 1960, 1961
 JAMES PHILLIP HERNER, B.S., M.S., 1963, 1964
 WILLIAM QUENTIN JEFFERS, S.B.E.E., Massachusetts Institute of Technology, 1961; M.S., 1964
 VITAS ANTHONY MIKENAS, B.A.Sc., University of Toronto, 1962; M.S., 1964
 FREDRICH ADAM ROHATSCH, B.S., M.S., 1962, 1963
 JOHN KENNETH RUSSELL, B.S., Carnegie Institute of Technology, 1958; M.S., 1961
 HOLLIS FRANKLIN RYAN, B.A.Sc., University of Toronto, 1962; M.S., 1964
 DONALD RICHARD WIPPERMANN, B.S., University of Wisconsin, 1953; M.S., United States Air Force Institute of Technology, 1958

In English

- SALLY SMITH ANDERSEN, A.B., A.M., 1961, 1962
 EDWARD DONALD KENNEDY, A.B., West Virginia University, 1961; A.M., 1962
 MICHAEL ANTHONY KLUG, B.A., University of Minnesota, 1959; M.A., Kansas State University, 1961
 GORDON LINDSTRAND, B.S., A.M., 1958, 1959
 RICHARD BRENTON SCHWARTZ, A.B., University of Notre Dame, 1963; A.M., 1964
 DICKIE ALLEN SPURGEON, A.B., A.M., Southern Illinois University, 1961, 1962
 BLAIR WHITNEY, A.B., A.M., 1963, 1965

In Entomology

- DAVID COMSTOCK NEWTON, B.S., Central Connecticut State College, 1961; M.A.L.S., Wesleyan University (Connecticut), 1965
 JUDITH LOUISE REYNOLDS, B.Sc., University of Sydney, 1959; M.Sc., University of New South Wales, 1962

In Finance

- JAROSLAW KOMARYNSKYJ, Engr.Econ., Ukrainian Technical University, 1959; M.B.A., Michigan State University, 1960
 VERLYN DUANE RICHARDS, B.S., M.S., Kansas State University, 1956, 1960

In Food Science

- THEIN AUNG, B.S., University of Rangoon, 1960; M.S., University of Hawaii, 1964
 SAMUEL ANTHONY PALUMBO, B.S., Loyola University, 1961; M.S., 1963

In French

- JAMES WALLACE GREENLEE, A.B., A.M., 1956, 1962
 ROCH LUCIEN MIRABEAU, Diploma, University of Haiti, 1944; M.A.T., Johns Hopkins University, 1959

In Geography

- RAINER RUDOLF ERHART, A.B., Eastern Michigan University, 1959; A.M., 1961

In Geology

- ELTON LEROY COUCH, B.A., M.A., Texas Christian University, 1959, 1961
 ROBERT BURTON FURLONG, B.A., Harpur College, 1962; M.S., 1965

JAMES EDWARD LACEY, B.S., M.S., University of Pittsburgh, 1957, 1960
 ROBERT LOUIS REINKING, B.S., Colorado College, 1963; M.S., 1965
 PETER CHAPIN TRECOTT, B.A., Williams College, 1962; M.S., 1964

In History

BROOK BURDICK BALLARD, JR., B.A., Principia College, 1950; A.M., University of Chicago, 1955
 THEODORA PIERDOS BOSTICK, A.B., Mundelein College, 1960; A.M., 1962
 RICHARD BLAKE ELROD, A.B., Lincoln University (Missouri), 1963; A.M., 1964
 JAMES HARRY FORSE, A.B., State University of New York (Albany), 1962; A.M., 1963
 JEROME LEON RODNITZKY, A.B., M.A.T., University of Chicago, 1959, 1962
 JOHN SAMUEL SCARBOROUGH, A.B., Baker University, 1961; M.A., University of Denver, 1963
 BERNARD JACOB WEISS, B.S., 1958; M.A., University of Chicago, 1960

In Home Economics

ANNE ELIZABETH SELBY, B.A., M.A., University of Toronto, 1959, 1960

In Horticulture

ROBERT JOHN ARMSTRONG, B.S., 1962; M.S., University of Arizona, 1963
 ROBERT EMMET DRURY, B.S., DePaul University, 1954

In Library Science

MARINA ESTHER AXEEN, B.S., St. Cloud Teachers College (Minnesota), 1945;
 B.S.L.S., M.S., University of Minnesota, 1949, 1953; Adv. Cert., 1964

In Marketing

JOHN ROTHBURN DARLING, JR., B.S., M.S., University of Alabama, 1959, 1960
 JOHN ROBINSON HEWITT, A.B., Stanford University, 1939; M.S., Sacramento State College, 1961
 ANNA KILMER MAHAFFEY, B.S., M.S., 1949, 1951

In Mathematics

JEFFERY MACKENZIE COOPER, B.A., Haverford College, 1962; M.S., 1964
 WILLIAM WARREN FAIRCHILD, A.B., Swarthmore College, 1960; A.M., University of Pennsylvania, 1963
 KENNETH BARRY FINE, B.S., M.S., 1963, 1965
 THOMAS ANDREW HANNULA, B.S., M.S., 1962, 1964
 PRESSLEY WARWICK MILLAR, A.B., Brown University, 1961; M.S., 1963
 BILLY RAY NAIL, B.A., Hardin-Simmons University, 1956; A.M., 1962
 CHAMAN LAL SABHARWAL, B.A., M.A., Panjab University, 1959, 1961; M.S., 1966
 MONBILL TONG, A.B., University of California, 1960; A.M., 1961
 CATHERINE BUTTS TRUITT, B.A., Lamar State College of Technology, 1960; M.S., Purdue University, 1962

In Mechanical Engineering

ERVIN LYNN BALES, B.S.M.E., University of South Carolina, 1957; M.S.M.E., Bradley University, 1962
 LLOYD LOUIS LEHN, B.S., M.S., 1962, 1964
 DONALD HENRY RIMBEY, B.S., M.S., 1950, 1962
 MOSTAFA AYATOLLAH-ZADEH SHIRAZI, B.S., California State Polytechnic College, 1959; M.S., University of Washington, 1961

In Metallurgical Engineering

MICHAEL GARM COLEMAN, B.S., M.S., 1960, 1961

In Microbiology

RICHARD LEE JACKSON, B.S., 1963
 MASATOSHI KONDO, Graduate, University of Tokyo, 1962
 NORMAN RICHARD PACE, JR., A.B., Indiana University, 1964

In Nuclear Engineering

WILLIAM ALLEN GOODWIN, B.S., Northwestern University, 1961; M.S., 1962

In Physical Education

WILLIAM SALVATORE GUALTIERE, B.S., New York State College (Cortland), 1960; M.S., Ohio University, 1961

In Physics

WILLIAM CARTER BLACK, JR., B.A., Pomona College, 1961; M.S., 1963
 WAYNE ELBERT CARR, B.S., Washington University, 1960; M.S., 1961
 DONALD JOHN DESMET, B.S., M.S., 1962, 1963
 FRANCISCO ALCIDES GERMANO, Electronics Engineer, Instituto Tecnológico de Aeronáutica, 1960; M.S., 1964
 RAYMOND WILLIAM HANFT, B.S., University of Rochester, 1960; M.S., 1962
 BERNARD ROBERT JOHNSON, B.S.E.E., Gonzaga University, 1957; M.S., 1961
 ROBERT MAURICE LANSFORD, B.S., M.S., 1960, 1962
 KYOON-HAENG LIE, B.S., Seoul National University, 1959; M.S., Southern Illinois University, 1961
 DAVID LAWRENCE LOSEE, B.Eng.Phys., M.S., Cornell University, 1962, 1963
 JOSEPH CHUL-HUI PARK, S.B., Massachusetts Institute of Technology, 1959; M.S., 1961
 AMARJIT HARNAMSINGH SINGH, B.S., University of Bombay, 1959; M.S., 1961
 JOHN ERNEST SMITH, JR., S.B., Massachusetts Institute of Technology, 1961; M.S., 1963
 GARY WENDELL STUPIAN, B.S., California Institute of Technology, 1961; M.S., 1963
 LOWELL JAMES SWANK, A.B., University of California, 1960; M.S., 1962
 BRENT MERLE WEDDING, A.B., Hamilton College, 1958; M.S., 1961
 ROBERT HSIANG-TAO YEH, B.S., National Taiwan University, 1960; M.S., 1964

In Plant Pathology

PAUL LEIGHTON FOREMAN, B.S., M.S., 1962, 1965
 LYNN EVAN GRAY, B.S., M.S., 1963, 1964
 DANIEL RALPH WILKINSON, B.S., Western Kentucky State College, 1961; M.S., Clemson Agricultural College, 1963

In Political Science

FELIX VICTOR GAGLIANO, JR., B.A., M.A., Louisiana State University, 1960, 1961
 KOKAB KHOSHBAFE FARSHI, A.B., Wheaton College, 1959; A.M., 1961
 WILLIAM JAMES KIRSCH, B.A., Evansville College, 1961; A.M., 1963

In Psychology

CAROLE REVELLE ARNOLD, B.A., Louisiana State University and A. & M. College, 1961; A.M., Stanford University, 1963
 DOYLE WELDON BISHOP, B.A., University of Colorado, 1961; A.M., 1963
 ALFRED BRUCE CARLSON, B.A., Vanderbilt University, 1960; A.M., 1964
 GAYLE MONTANA HOSTETTER, A.B., San Jose State College, 1960; A.M., 1965
 HAROLD OTTO KIESS, B.S., Rensselaer Polytechnic Institute, 1962; A.M., 1965
 JOHN RICHARD NESSELROADE, B.S., Marietta College, 1961; A.M., 1965
 DENIS CARL OBER, B.A., University of Akron, 1962
 KEITH DANIEL O'LEARY, B.A., Pennsylvania State University, 1962; A.M., 1965
 MARSHALL JOSEPH PERKINS, B.S., M.S.W., University of Utah, 1951, 1953
 DONALD FRANCIS TATRO, B.S., A.B., Florida Southern College, 1956, 1959; A.M., 1961
 NEIL JOSEPH VIDMAR, A.B., MacMurray College, 1962; A.M., 1965
 THOMAS LEE WHITMAN, B.S., St. Norbert College, 1962; A.M., 1965

In Russian

ANTONIA LICHAREV DE YACKOVLEV, Diploma, University of Belgrade, 1940; A.M., 1965

In Sanitary Engineering

MICHAEL BENEDICT SONNEN, B.E., Vanderbilt University, 1962; M.S., 1965

In Sociology

JAMES WILLIAM HARRIS, A.B., A.M., 1960, 1963

In Spanish

- VIRGINIA CHRISTINE BURBRIDGE, A.B., University of Delaware, 1962; A.M., 1963
 JOSÉ RAMÓN CORTINA, D.Laws, Havana University, 1956; M.A., Louisiana State University, 1964
 RICHARD MARK REEVE, B.A., University of Utah, 1960; A.M., 1962
 ANJE CORNELIA VAN DER NAALD, A.B., Carleton University, 1963; A.M., 1965

In Speech

- FLOYD DOUGLAS ANDERSON, B.A., Idaho State College, 1962; M.A., University of Kansas, 1963
 PAUL REUBEN COOPER, A.B., Columbia University, 1959; M.F.A., Boston University, 1961
 HERBERT WALTER KLINE, A.B., A.M., University of Michigan, 1958, 1963
 LAWRENCE ANTHONY NUDO, B.S., M.S., 1954, 1956
 HAROLD ARTHUR PETERSON, B.A., B.S., Minot State College, 1950, 1958; M.A., State University of Iowa, 1962
 DELVENIA GAIL SHADWELL, B.S., M.S., Eastern Illinois University, 1960, 1961

In Theoretical and Applied Mechanics

- HAROLD DEAN KEITH, B.S.M.E., University of Missouri (Rolla), 1963; M.S., 1965
 CLAUDIO EDMONDO TODESCHINI, B.Sc., University of Cape Town, 1959; D.I.C., University of London, 1961; M.S., 1963

In Veterinary Medical Science

- RADMILo ANTONIJE TODOROVIC, Dipl.Vet.Med., University of Belgrade, 1953; M.S., University of Wisconsin, 1963

In Zoology

- BRUCE BENNER CRILEY, B.S., M.S., 1960, 1962
 MARY ELIZABETH MCKELVEY, A.B., Morris Brown College, 1958; M.S., Atlanta University, 1960

Degree of Doctor of Education*In Education*

- JOHN LEWIS COX, B.S., Northern Illinois University, 1958; Ed.M., 1962
 MARILYN ALMA DUNN, A.B., Ed.M., 1956, 1958
 VERNON FRANKLIN FRAZEE, B.S., Ed.M., 1953, 1955
 ALFRED HIRSHOREN, B.S., 1957; A.M., State University of Iowa, 1960
 RONALD FAY HOLLER, B.S., Millikin University, 1961; Ed.M., 1964
 ROGER WARREN HUSON, A.B., Illinois College, 1950; M.S., Illinois State University, 1956
 HENRY THOMPSON LIPPERT, B.S.Ed., Ed.M., University of Oklahoma, 1956, 1957
 DONALD WILLIAM NYLIN, B.A., Illinois Wesleyan University, 1950; Ed.M., 1956
 LEHYMANN FRANKLIN ROBINSON, B.A., Harding College, 1958; M.S., Arkansas State College, 1960
 JOHN GUYOT SAVAGE, B.S., Northern Illinois University, 1957; M.A., Columbia University, 1962
 GORDON ROY STONE, B.S., Greenville College, 1954; Ed.M., 1955
 HAROLD DUANE TICHENOR, B.S., M.A., Ball State University, 1959, 1960
 ARTHUR HUTCHISON TURNER, A.B., Franklin College, 1957; Ed.M., 1961

In Music Education

- GEORGE DAVID TOWNSEND, B.S., M.S., 1954, 1961

Degree of Doctor of Musical Arts

- MARION AUSTIN HALL, B.Mus.Ed., M.M., Louisiana State University and Agricultural and Mechanical College, 1958, 1960
 CLYDE SIMONS HISS, B.Mus., Baldwin-Wallace College, 1959; M.Mus., 1960
 JUNE DURKIN JOHNSON, B.S., Juilliard School of Music, 1949; M.Mus., University of Kansas, 1950
 DONALD CLARKE TODD, B.M., M.M., Northwestern University, 1950, 1952

Degree of Master of Arts*In Anthropology*

DEAN EDWARD ARNOLD, A.B., Wheaton College, 1964
 VICTOR THOMAS LUKAS, A.B., A.B., 1960, 1963

In Art History

SUZANNE LEBO, B.S., Bradley University, 1963

In Chemistry

JUDITH LEINING KOOB, A.B., Smith College, 1961

In Dance

CAROL LOUISE DENT, B.S., Western Michigan University, 1965

In Economics

NINA WILSON CORNELL, A.B., Swarthmore College, 1964
 JOHN THOMAS DOYLE, A.B., 1966
 ROBERT JAMES THORNTON, B.A., Xavier University, 1965

In Education

THEODORE ROOSEVELT ARANDA, B.A., Kansas State Teachers College, 1966
 DANIEL JULES BOOTH, A.B., Roosevelt University, 1962
 RONALD ROBERT JEFFREY, B.S., Bowling Green State University, 1965
 SISTER MARY CHESTER WOJNICKI, B.A., Clarke College, 1965

In English

JACQUELINE ANCESS, A.B., Hunter College, 1965
 MARLENE DEANN BOYCE, A.B., 1966
 DANIEL EDWARD BREAU, A.B., Monmouth College, 1961
 EUGENE JOSEPH CROOK, A.B., 1966
 EGLÉ TUMASONIS GERMANAS, A.B., 1965
 DEANE GEORGE MINAHAN, A.B., Colby College, 1964
 MARIAN PEARSON NELSON, B.S., 1939
 FRANK RAYMOND PAGNUCCI, B.A., Saint John's University, 1963
 MARILYN JOSEPHINE PHILLIPS, A.B., 1965
 CHRISTIANE DESCUBES PRIGENT, Licence es Lettres, Université de Toulouse, 1963
 SUSAN KROGH RYDER, B.A., Municipal University of Omaha, 1965
 LEANNE FRICKE SCHERTZ, B.A., Goshen College, 1958
 WILLIAM MICHAEL TOMORY, A.B., University of Michigan, 1966
 LYNNE WOODS, B.Mus., 1963; M.M., Manhattan School of Music, 1965

In French

ELLEN JO ALEXANDER, A.B., University of Michigan, 1964
 TIMOTHY BROCK NEWITT, A.B., Wheaton College, 1965
 MARGARET DORIS STEELBERG, A.B., 1965
 LUCIE OWEN THESZ, A.B., 1965

In Geography

WARREN RICHARD FISH, B.A., University of California (Los Angeles), 1966
 TERRILL JOHN KRAMER, B.A., Valparaiso University, 1965
 BRUCE WAYNE SMITH, B.S., New York State College (Potsdam), 1965
 VIRGINIA GAIER WAXMONSKY, B.S., Wisconsin State College (Eau Claire), 1965

In German

JUDITH ROGERS DILL, A.B., University of Rochester, 1964
 MARIELLA VIRGINIA LANSFORD, A.B., 1965
 FREDERICK LAWTON O'CONNELL, A.B., Colby College, 1959
 JANICE ELAINE ST. CLAIR, A.B., 1965
 RITA MARIA TURNER, A.B., 1961

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JAMES THOMAS CHAMBERS, B.S., Memphis State University, 1965
 WILLIAM BARNES GLIDDEN, A.B., Bowdoin College, 1962

DONALD LEE GURNEY, B.A., Lawrence University, 1965
 JOHN DAVID HOEVELER, JR., B.A., Lehigh University, 1965
 WILLIAM PAUL KOSCHER, B.A., American International College, 1966
 STEPHEN BACON LEE, B.A., Trinity College, 1965
 GERALD MARVIN MAGER, A.B., 1965
 ROBERT WESLEY MASTERS, B.A., University of Chicago, 1966
 RUDIE WILLIAM MATHEUSZIK, B.A., Greenville College, 1966
 KLAUS WALTER MAY, B.A., Gannon College, 1966
 EDWARD JOSEPH MENARD, B.A., American International College, 1966
 ROBERT EDWARD NEISS, B.A., Queens College, 1965
 RICHARD BRUCE RICE, B.A., Portland State College, 1966
 CARL FREDRICK ROSENTHAL, A.B., Boston University, 1962
 EDITH RUTH SAUTER, B.A., Concordia Teachers College, 1966
 JUDITH MARCIA SHARE, B.A., Moravian College, 1966
 LOUIS CHRISTIAN SMITH, B.A., Union College, 1960
 ELIZABETH ANNE WOODS, B.A., Barat College of the Sacred Heart, 1965

In Home Economics

CAROLYN ALDA PHELPS, A.B., Monmouth College, 1954

In Italian

SYLVIA ELIZABETH BELLO, A.B., College of Notre Dame (Maryland), 1965
 VICTORIA EULALIA KIRKHAM, B.A., Wellesley College, 1964

In Labor and Industrial Relations

JOHN ARTHUR BARTH, B.S., Indiana University, 1965
 ROBERT BARKLEY BERQUIST, B.A., University of Minnesota, 1965
 GEORGE ELMER KROCK, B.S., 1965
 JAMES LENZO, B.S., 1966
 VICTOR BART LEO, B.A., Western Illinois University, 1965
 DAVID ALLEN LEVIN, A.B., University of Wisconsin, 1964
 FRANK WILLIAM MIKES, JR., B.S., 1966
 PAULA JEAN PALEY, B.A., University of California (Los Angeles), 1963
 CLARENCE OWEN REDMAN, B.S., J.D., 1964, 1966
 ROBERT SAM RIFKIN, B.S., 1965
 WILLIAM JOSEPH SULLIVAN, B.S.S., Saint Mary's College (Minnesota), 1952
 THOMAS LEE SWITZER, B.A., Ohio Wesleyan University, 1964
 JAMES SCOTFIELD UNDERWOOD III, B.S., 1964
 ROBERT VANCE WELTY, B.S., Eastern Illinois University, 1964

In Linguistics

SALWA HILU ABDO, B.A., American University of Beirut, 1960
 EMILY YARNALL CUCOLOGLU, A.B., Mills College, 1963
 DORIS SUSAN HAMMERSCHLAG, B.S., New York State College (Cortland), 1964
 BRUCE EDWARD WILLIS, B.A., Macalester College, 1965

In Mathematics

GEORGE EMERY ADAMS, B.A., Manchester College, 1963
 JOHN GARY ANDERSON, B.S., Northern Illinois University, 1959
 L. BRUCE ANDERSON, B.S., M.S., North Dakota State University, 1961, 1963
 JOHN STEWART BARTLING, B.S.Ed., Northeast Missouri State Teachers College, 1963
 KIM LATIMER BETHARDS, A.B., University of Missouri, 1965
 CHARLES ERNEST BLACK, B.S.Ed., Northeast Missouri State Teachers College, 1963
 MARSHALL LOUIS CATES, B.A., Washington State University, 1965
 BARRY STEVEN COHEN, A.B., University of California (Los Angeles), 1966
 PAUL FREDERICK COHEN, A.B., University of California (Los Angeles), 1966
 RITCHIE LOUISE COOPER, B.S., Florida State University, 1962
 CHRISTOPHER FRANCIS COX, B.A., Brown University, 1966
 CARATHENE WALLACE CRUMP, B.S., Agricultural and Technical College of North Carolina, 1962
 GRATA OSUNA DE LEON, B.S.E., B.S., M.A., University of Santo Tomas, 1948, 1955, 1957

- JOHNNY WELTON DUVALL, B.S., East Texas State Teachers College, 1963
 PRISCILLA JO EDWARDS, B.S.Ed., University of Missouri, 1964
 RICHARD DALE EGEN, B.S., University of Minnesota, 1963
 CHARLES EDWARD FILLMAN, B.A., Simpson College, 1962
 RICHARD JOSEPH FREY, B.S.Sec.Ed., Southeast Missouri State College, 1962
 KATHRYN LAURA GAWORSKI, B.A., Alverno College, 1965
 PAUL RINEHART GINGRICH, B.S., Juniata College, 1954
 DENNIS RILEY GREGORY, B.A., B.A.Ed., Western Washington State College, 1958,
 1961
 RONALD RALPH HAMM, B.A., Sterling College, 1961
 EDWARD LEE HANSEN, B.A.Ed., University of Nevada, 1957
 GERALD DEAN HARNISCH, B.S.Ed., Midland College, 1963
 MARTIN LOUIS HITTELMAN, B.A., San Francisco State College, 1963
 GEORGE RUSHING KEMPF, B.A., Johns Hopkins University, 1966
 DON VERNEL LOSTUTTER, B.S., Hanover College, 1962
 CHARLOTTE ALLEN LOWREY, A.B., University of California, 1954
 ROBERT LESTER MEYER, B.S., Lawrence College, 1956
 CLARENCE ROBERT NELSON, B.S., Midland College, 1957
 RALPH LESLIE NERO, B.S., University of South Africa, 1937
 CLIFFORD ARTHUR PENCE, JR., A.B., Knox College, 1965
 GARY RICHARD PENNER, B.S.Ed., Nebraska State Teachers College (Kearney),
 1962
 VICTOR ELMER PETERS, B.A., Bethel College, 1958; M.B.S., University of Colorado,
 1961
 ANTHONY JOHN QUINZI, B.S., 1965
 CARROLL KEITH ROOSE, B.A., Olivet Nazarene College, 1963
 LEO HENRY SCHMITZ, JR., B.S.Ed., M.Ed., University of Missouri, 1955, 1962
 ROSE ELLEN SCOTT, B.S., Murray State College, 1963
 RICHARD LEE SHARP, B.S.Ed., Northeast Missouri State Teachers College, 1963
 GIORGIO SORANI, Laurea, University of Rome, 1964
 PAUL BERNHARD SWANSON, B.S.Ed., Miami University, 1963
 RIHO TERRAS, B.S., University of Maryland, 1965
 PAUL NEWMAN THOMPSON, B.A., Gustavus Adolphus College, 1961
 PHILIP VERN TILLY, B.S.Ed., Illinois State University, 1963
 MICHAEL TYSON, B.S., Juniata College, 1963

In Political Science

- RONALD F. BARTEL, A.B., 1964
 BRUCE GORDON McEWEN, B.A., Carleton College, 1962

In Psychology

- RICHARD WALTER ACCURSO, B.A., San Jose State College, 1965
 JANET DONIN FREDERIKSEN, B.A., University of Toronto, 1965
 JAMES BURDEANE ORRIS, B.A., State University of Iowa, 1965
 EMIL JAMES POSAVAC, B.S.C.E., Carnegie Institute of Technology, 1961; B.D.,
 Concordia Theological Seminary, 1965
 MICHAEL ROSENBAUM, B.A., University of New Brunswick, 1965
 SAMUEL CLINTON SHIFLETT, B.A., University of California (Los Angeles), 1964
 HOWARD IVER THORSHEIM, B.A., St. Olaf College, 1963

In Public Administration

- CHARLES RIGDON BUTLER, B.S., Manchester College, 1950
 STEVEN OWEN SARGENT, B.A., James Millikin University, 1950
 RICHARD EDWARD ZULKEY, A.B., College of the Holy Cross, 1962

In Russian

- WILLIAM HARRISON BENNETT, JR., B.A., DePauw University, 1952
 RONALD RAY EDWARDS, A.B., 1962
 IVANKA MEJZR, A.B., 1965
 ROGER WILLIAM PHILLIPS, A.B., Grinnell College, 1956
 ALEX VOROBIOV, A.B., University of California, 1965

In Social Sciences

SUSAN KATHERINE BIRD, B.A., Pomona College, 1963
 CLAIRE ELLEN BOOTH, B.A., University of Wisconsin, 1963
 ROBERT GARRITT FOOTE, A.B., 1966
 THOMAS MICHAEL RATHBURN, B.A., Wisconsin State University (La Crosse), 1965
 RANDALL THOMAS SCHULTZ, B.S., 1966
 THOMAS JOHN ZAWACKI, A.B., 1953

In Sociology

FRANCIS EMMETT BURKE, B.S., 1963
 STEVEN MARKEE COX, B.S., 1964
 JAMES WILLIAM GRIMM, B.A., Carleton College, 1963
 CHARLES HOWARD MINDEL, B.A., State University of New York (Stony Brook), 1964
 DAVID LAWRENCE PRESTON, A.B., Stanford University, 1964
 VICTOR SURAIN SIDHU, B.A., University of Chicago, 1961

In Spanish

MONICA MEYER ATKINS, B.A., Bucknell University, 1966
 JOHN WILLIAM BRAWAND, A.B., Wheaton College, 1951
 CAROL CLARK D'LUGO, A.B., Rutgers, The State University, 1965
 JUDITH WATERMAN HUSTON, A.B., 1965
 MAXWELL REED MOWRY, JR., B.A., University of North Carolina, 1965
 JORDAN DAVID PHILLIPS, B.A., M.Ed., St. Mary's College (Minnesota), 1956, 1963

In Speech

BARBARA JEAN COSTA, B.F.A., Washington University, 1965
 DONALD EUGENE EMMEL, Ph.B., University of North Dakota, 1961
 KATHLEEN RANCK JENSEN, B.A., College of Wooster, 1965
 OSSIAN RUSSELL KEITH JONES, JR., B.S., Eastern Illinois University, 1963
 ALICE LORRAINE SHOGER MAWDSLEY, B.S., 1960
 DENNIS EARL STAMPS, B.A., University of Southern Mississippi, 1965
 PETER JOSEPH TROESCH, B.S., Illinois State University, 1965
 SALLY DIANE TURLEY, B.S.Ed., Indiana University, 1963
 PATRICIA LOUISE VON FISCHER, B.A., DePauw University, 1965

In the Teaching of English

KATHLEEN MARIE O'DONNELL, B.A., Saint Xavier College, 1965

In the Teaching of English as a Second Language

MARIO FEITEN, Licenciado, Catholic University of Rio Grande do Sul, 1963
 HOWARD LEWIS MILLMAN, A.B., 1966
 SUSAN TAYLOR, A.B., Middlebury College, 1953

In the Teaching of French

FERNE PAMELA HALLEMAN, A.B., 1966
 DAN WALTER WILLIAMS, B.A., Tougaloo College, 1961

In the Teaching of Social Studies

YOLANDA EVANS CONNOLLY, A.B., 1966
 EDWARD MILO HANSELL, B.A., Southern Illinois University, 1964
 THOMAS CHRISTIAN HOHULIN, B.S.Ed., Illinois State University, 1966

Degree of Master of Science*In Advertising*

GLEN MARTIN BROOM, B.S., 1963
 WILLIAM DEAN HULL, B.S., 1965
 JAMES ANDREW LUMPP, A.B., Knox College, 1965
 DWIGHT JAMES SHELTON, B.A., Michigan State University, 1965

In Aeronautical and Astronautical Engineering

WILLIAM HOFMANN DRYSDALE, B.S., 1963
 CARL DAVID ENGEL, B.S., 1966

CARL EUGENE SWAIN, B.S., 1966
 ROGER PAUL SYRING, B.S., 1965
 CRAIG MICHAEL WARYJAS, B.S.M.E., Illinois Institute of Technology, 1965

In Agricultural Economics

DONNA LOUISE BALZHISER, B.S., California State Polytechnic College, 1965
 WAYNE HOWARD OBERLE, B.S., 1963
 CHARLES DAVID POWELL, B.S.A., Purdue University, 1965
 NORBERT LOUIS SOLTWEDEL, B.S., 1965

In Agricultural Education

GAYLE WAYNE WRIGHT, B.S., 1956

In Agricultural Engineering

ROBERT WAYNE HARPER, B.S., 1966
 LYLE SAMUEL MARTIN, B.S., 1962
 LARRY DEAN NAGRESKI, B.S.Agr., Southern Illinois University, 1964; B.S., 1966

In Agronomy

LESTER JAMES BUSHUE, B.S., 1954
 LLOYD EDWARD KLINDWORTH, B.S., 1956
 CUO-TUNG LIU, B.S., Taiwan Provincial College of Agriculture, 1955; M.S., University of Tokyo, 1961
 MARION EARL PRITCHETT, B.S.A., Purdue University, 1965

In Animal Science

ROBERT JOHN CONDON, B.S., 1963

In Architectural Engineering

CARL ALFRED EDSTROM, B.S., 1943
 ALLAN HAROLD GOLD, B.Arch., 1966
 THEODORE HU, B.Arch., 1965
 KENNETH THOMAS KOSTAL, B.Arch., 1965
 PHILIP FRANCIS PRINCE, JR., B.Arch., 1966
 CHESTER WALTER WITCZAK, B.Arch., 1965

In Astronomy

RAYMOND RALPH MCKINLEY, B.S., University of Southern California, 1965
 GEORGE DEMOSTHENES NICKAS, B.S., Illinois Institute of Technology, 1964

In Botany

MAHMOUD EL TAYEB ABDEL HALIM AHMED, B.S., Cairo University, 1959
 DARRELL EUGENE COX, B.S., Eastern Illinois University, 1965

In Ceramic Engineering

JOHN PAUL DE LUCA, B.S., 1966
 KENNETH WARREN HANG, B.S., 1966
 DINESH CHANDRA TANDON, B.Sc., Banaras Hindu University, 1965

In Chemical Engineering

SHUN CHONG FUNG, B.S., University of California, 1965
 GEORGE MITCHELL HOMSY, B.S., University of California, 1965
 HOWARD WAYNE SMITH, B.S.Ch.E., Northwestern University, 1965

In Chemistry

MARTIN BURTON BARANCIK, B.S., 1963
 STEVEN DOUGLAS BEARE, B.A., Oakland University, 1965
 PAUL ELLIOT BENDER, B.S., New York State University (Stony Brook), 1963
 ROBERT JAMES COCHRAN, A.B., Central Methodist College, 1964
 KERSTI SUIK COX, B.S., University of Wisconsin (Milwaukee), 1963
 COLLENE JAYNE DELANEY, B.S., Purdue University, 1965
 RASMA DERUMS, B.S., University of Georgia, 1965
 GARY ALAN LASBY, B.A., New York State University (Buffalo), 1965

CLAYTON TOSHIO MABUNI, B.A., University of Hawaii, 1965
 WILLIAM EDMUND NEFF, B.S., Illinois College, 1965
 CHARLES DONALD OLSON, B.A., University of Minnesota, 1965
 JEAN-RENÉ PRIGENT, Diplome d'Ingenieur, Ecole Superieure de Physique et de
 Chimie Industrielles, 1965
 DONALD CHARLES SCHLEGEL, B.S., Muhlenberg College, 1965
 HERBERT GUY SETO, B.S., B.A., Otterbein College, 1965, 1965
 WILLIAM DUANE SHERMER, B.S., University of Missouri (Rolla), 1964
 JOSEPH COLLIER STICKLER, A.B., Ohio Wesleyan University, 1964
 MICHAEL PHILIP VENIAMIN, Diploma, Athens National and Capodistria University,
 1963

In Civil Engineering

MARION HOPKINS CAMPBELL, B.S., Pennsylvania State University, 1964
 KENNETH ARTHUR CLAUSEN, B.S., 1966
 GUILLERMO GONZÁLEZ GONZÁLES, Ing.Civil, National University of Colombia, 1965
 FRANK JAMES HATFIELD, B.S., 1964
 WILLIAM RICHARD HENSON, B.S., State University of Iowa, 1960
 GARY DEAN HOLLY, B.S.C.E., Iowa State University of Science and Technology,
 1960
 STEPHEN RICHARD KATZ, B.S., University of Pittsburgh, 1965
 JOHN PATRICK LEAHY, B.S.C.E., University of Notre Dame, 1965
 RICHARD EDWARD LIVESAY, B.S., 1965
 EDMUND MICHAEL MALONE, B.S.C.E., Purdue University, 1966
 MICHAEL JOHN MATHEWS, B.A., B.S., Bucknell University, 1965, 1965
 ERWIN LYNN MEISENHELTER, B.S., 1959
 EDWARD MARINUS OLSEN, B.S., 1961
 SVETOZAR BORIS PETROVICH, B.S., 1966
 JOHN BLAIR REBER, JR., B.S.C.E., University of Texas, 1966
 JOHN LEWIS RICHARDS, B.S., United States Military Academy, 1964
 RAJENDRA SAHAI, B.Tech., Indian Institute of Technology, 1967
 LARRY BERNARD SALZ, B.S., 1966
 DAVID DENNIS SCHMEHR, B.S., 1966
 ROGER FRANCIS YANKOUPE, B.S., United States Military Academy, 1964

In Dairy Science

JOZEF GUSTAAF DE BOEVER, Dipl., University of Ghent (Belgium), 1962
 JOYCE TONEY SCHRADER, B.S., 1965

In Economics

BRUCE LEON DAVIS, B.S., 1965
 PAUL WILLIAM SLONIOWSKI, B.S., M.A., Niagara University, 1961, 1964

In Education

RENI-ZOE MANDELL, B.S.Ed., University of Michigan, 1966
 FREDRICK EUGENE MENZ, B.S., Illinois State University, 1965

In Electrical Engineering

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 SHIU-KWONG CHAN, B.S., 1965
 JAMES BROWN CHURCH, JR., B.S.E.E., Christian Brothers College, 1960
 RALPH JOHN CICERONE, S.B.E.E., Massachusetts Institute of Technology, 1965
 DAVID HAMILTON COWLING, B.S., Washington University, 1958
 JAMES MURNANE DAVIS, B.S., 1966
 TIM ERIN, B.S., 1966
 FREDERICK OTTO FAHLSING, B.S.E.E., Bradley University, 1965
 JOHN PATRICK HAYES, B.E., National University of Ireland (Dublin), 1965
 DONALD JAY HOFFMAN, B.S., 1965
 DARRELL WAYNE HORNING, B.S.E.E., South Dakota School of Mines and Tech-
 nology, 1965
 WILLIAM HOKE JONES, B.S., United States Air Force Academy, 1966
 TAKEHIKO KATO, B.S., Keio University, 1964

LESTER TSUNEO KODAMA, B.S., University of Hawaii, 1959
 GERALD JOHN LIPOVSKI, A.B., B.S.E.E., Notre Dame University, 1966, 1966
 STUART MICHAEL MELZER, B.E., Cooper Union, 1965
 DENNIS EARL NEWELL, B.S., 1966
 THEO JAY POWELL, B.E.S., Brigham Young University, 1965
 STEPHEN GERALD POWERS, B.S., San Fernando Valley State College, 1965
 JOHN ALLEN ROHR, B.S., Rose Polytechnic Institute, 1964
 ABELARDO CASES SABINO, B.S.E.E., Mapua Institute of Technology, 1959
 JAMES EARL SELLECK, B.S.E.E., University of Vermont, 1963
 NORMAN BYRON SMITH, B.S., 1966
 ALLEN DAVID SYFHERD, B.S., 1963
 LAWRENCE ANDREW TOMKO, B.S., Oklahoma State University, 1966
 PHILIP AUGUSTUS WALKER, JR., B.S., United States Military Academy, 1960
 ANDREW PAUL WEISE, B.S., 1965
 HANS-JOACHIM GEORG WIESENFARTH, Diplom Ing., Technische Hochschule Stuttgart, 1964
 JEROME BAXTER WILLIAMS, B.S., 1966
 ERNEST EDMUND WISNIEWSKI, B.S., 1965
 CURT FRANKLIN WITTIG, B.S., 1966
 ROLAND HAYDEN WRIGHT, JR., B.S., 1965

In Finance

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 JOHN WAYNE ILLYES, JR., B.S., 1966
 GERALD COCHRANE WAGNER, A.B., 1965

In Food Science

ALLAN STEPHEN RIM, B.S., 1964
 RONALD DAVID STANGE, B.S., 1963

In Forestry

JAMES WARREN GEIS, B.S., 1965
 ELON SANFORD VERRY, JR., B.S., 1965
 JAMES ARTHUR WHITTINGTON, B.S., 1963

In Geography

LEE ALLEN, B.S., United States Military Academy, 1960

In Geology

NED KERMIT BLEUER, B.S., University of Wisconsin, 1965
 JOSEPH EDES BOUDREAU, B.S., University of Southwestern Louisiana, 1962
 RICHARD ALDEN ELLIOTT, B.S., 1965
 DAVID LEE GROSS, A.B., Knox College, 1965
 STEPHEN ROYSE MORAN, B.A., College of Wooster, 1965
 JAMES EDWARD ROCHE, B.S., University of Wisconsin, 1962
 RONALD DENNIS STIEGLITZ, B.S., University of Wisconsin (Milwaukee), 1963

In Home Economics

LAURA CATHERINE DEWALL, B.S., 1964

In Journalism

JOHN EDWARD ERICKSON, B.A., Barrington College, 1962
 ROBERT WILLIAM EVANS, B.S., 1948
 MARTIN RAYMOND GAGIE, B.S., Southern Illinois University, 1961
 DOUGLAS NELSON KANE, B.A., Barrington College, 1962
 ALBERT LEE KREILING, B.S., Northwestern University, 1965

In Library Science

JOHN RICHARD ANGELL, B.Mus., M.Mus., Peabody Conservatory of Music, 1957, 1959
 MARY BETH BENDER, B.S.Ed., Eastern Illinois University, 1964
 NANCY JEAN BOCK, B.S., University of New Hampshire, 1966

- DIANE LOIS BOCKRATH, B.A., University of South Florida, 1965
 JOHANNA ELLEN BOWEN, A.B., 1965
 MELISSA BRADLEY, B.A., University of Kentucky, 1965
 DIANNE CLAIRE CHRISTIAN, B.A., University of Kentucky, 1966
 JAMES ROBERT CHRISTOPHER, A.B., Ripon College, 1965
 LOUISE ADELINE CLARK, B.A., Roosevelt University, 1949; A.M., University of Chicago, 1950
 PETER KENLIE COLEBROOK, B.A., Notre Dame University, 1966
 GLENDA DIANE CROCKETT, A.B., University of Missouri, 1966
 PHAM VAN CUNG, B.A., George Peabody College for Teachers, 1966
 OLIVE DILLAND DAVIDSON, B.A., University of Montana, 1965
 WENDY ANN DICKINSON, A.B., Wilson College, 1966
 RONALD JAMES DICKSON, B.A., Park College, 1952; M.A., University of Missouri (Kansas City), 1956
 LESLEY EILEEN DUNLAP, B.A., State University of Iowa, 1965
 LIONELLE HURLEY ELSESSER, A.B., 1966
 MILDRED MAYES ERWIN, B.S., Carson-Newman College, 1939
 CONSTANCE LYNNE ETTER, B.A., Southern Illinois University (Edwardsville), 1965
 JUDITH MARIE FOLTIN, A.B., 1964
 LARRY ALAN FORTADO, A.B., Illinois College, 1966
 BEA ANN FRIES, A.B., 1966
 ELIZABETH ANN FUNK, A.B., Knox College, 1966
 BARBARA ANN GAURON, B.S., 1966
 LAUREL FITZPATRICK GOODGION, A.B., 1966
 ELOISE GOODRICH, B.A., University of Utah, 1966
 ANNE ASKEW GRAVER, B.S., Wisconsin State University, 1966
 MARY LOU SHUPE GREGORY, B.S., Seattle Pacific College, 1963
 AGNES MARY HOLT, B.R.E., Baptist Bible Seminary (New York), 1955; M.S., New York State College (Oneonta), 1957
 MYROSLAWA WOLANYK HOLUBEC, A.B., University of Akron, 1964
 RUTH FRANCES HOLZWARTH, A.B., Washington University, 1964
 MARTHA MORSE KIEFER, B.S., 1965
 ANN COMBS KIMZEY, B.A., Rice University, 1962
 RUTH COX KING, A.B., 1966
 EUNICE JOAN KORSMEYER, B.A., Drake University, 1959
 MARION BETH STAFFORD LO VERDE, A.B., 1963
 TOBYANN MANDEL, B.S., 1966
 ANNE SHKLAIR MARTEL, A.B., 1949
 MARGARET MARY MEYER, B.A., Southern Illinois University, 1966
 BONNIE BETH MITCHELL, B.S.Ed., Kent State University, 1966
 PAULA LEE NEALE, B.S.Ed., Central Missouri State College, 1963
 MILTON SIDNEY OVERBY, B.A., Mercer University, 1944; M.Ed., Texas Wesleyan College, 1958; B.S.L.S., North Texas State University, 1959
 WENDELL GRAHAM PASTERNAK, A.B., 1966
 JEAN FRANCES PORTER, A.B., 1966
 MARGARET HELEN RABY, A.B., University of Michigan (Flint), 1965
 MONA LOUISE SCHMIDT, B.S., Memphis State University, 1964
 SANDRA KAY SILVER, B.A., Iowa State Teachers College, 1962
 DIANN LYNN STERRENBERG, B.S., Eastern Illinois University, 1966
 MARY LYLE STITELY, A.B., Knox College, 1966
 RONALD DUANE SZILAGYI, B.S., D.D.S., 1956, 1958
 WINIFRED RUTH TOOHILL, B.A., Rosary College, 1966
 MARCO JEAN TRUMPETER, B.A., Muskingum College, 1965
 JOAN TORELL TUGGLE, B.M., Northwestern University, 1953
 ELIZABETH HOWER TURFLER, B.A., Clark College, 1966
 SHARON YUMIKO WAKASA, B.A., Northwestern University, 1966
 ELAINE CLARE WEBER, B.S., 1965
 VIRGINIA RUTH WEISER, A.B., Hunter College, 1947; M.S., Michigan State University, 1949
 MARCIA JEAN WENGER, B.A., Seattle University, 1964
 JUDITH ROSE WILCOX, B.A., Southern Illinois University (Edwardsville), 1966
 BARBARA CAROLYN WILLIAMS, B.A., Southwest Missouri State College, 1966
 WILLIAM JOSEPH WILLMERING, B.A., Marian College (Indiana), 1966

GILDA EBERT ZIMBLEMAN, B.A., University of Iowa, 1944
 DAVID SAMUEL ZUBATSKY, B.A., University of Wisconsin (Milwaukee), 1962

In Management

TERRY DALE DEPERT, B.S., Illinois State University, 1966
 ALLEN ADDISON DONAGHY, A.B., Colby College, 1963
 EDWARD ATHANASIOS NLEMAIDIM EKE, B.S., 1966
 JAMES RICHARD ELSESSER, JR., B.S., 1966
 GORDON CHARLES GAECKE, B.S., 1966

In Mathematics

PERRY CHARLES ABRAMS, B.S., 1964
 PETER ALLYN ALSBERG, B.S., 1966
 RICHARD DOUGLAS BENNETT, B.S., Indiana State University, 1963
 SHYAMAL KANTI BOSE, M.A., B.E.E., Jadavpur University, 1962, 1964
 STEPHEN MARTIN CHASE, B.S., 1965
 FRANCOIS ALAIN DESCHAMPS, B.S., 1966
 PETER ROBERT EISEMAN, B.S., University of California, 1966
 JOHN NORRIS FITCH, B.Math., University of Minnesota, 1966
 DAVID JOHN FYR, B.A., North Park College, 1965
 DENNIS CARL HAEFNER, B.S., Northwestern University, 1965
 JUDITH IRENE JACOBSON, B.A., Russell Sage College, 1965
 LYNDA LEE KOOPMAN, B.S., 1962
 WILLIAM EARL MCGEE, B.S., Illinois Institute of Technology, 1966
 JOSEPH OLIVER MERCER, B.S., 1965
 LAURENCE JOHN MORRELL, B.S., Utah State University, 1965
 LARRY MADISON NEWBANKS, B.S., Illinois Institute of Technology, 1966
 DIETER JOACHIM SCHADACH, Vordiplom, University of Hamburg, 1963
 JAMES SENYSZYN, B.S., State University of New York (Stony Brook), 1966
 VALORIE JUNE SONNTAG, B.S., 1966
 JOANNE CLARK TSCHOPP, A.B., Eastern Baptist College, 1959
 GRACE SUI-KWAN YAN, B.S., 1966

In Mechanical Engineering

GARY DAVID BERNHARDY, B.S., 1966
 ROGER LEE BRAUER, B.A., B.S.M.E., Valparaiso University, 1965, 1965
 KENNETH ERIC CARLSON, B.S., 1966
 PAUL ALBERT DANNER, B.M.E., Georgia Institute of Technology, 1956
 WERNER KARL DIEHL, B.S., 1965
 JACK BAILEY ESMOND, B.S., 1966
 MARIUS PAASCHE GRONBECK, B.S.Min.E., University of Missouri (Rolla), 1949
 MUSTAFA HATIBOGLU, B.S., 1966
 REGINALD GLENNIS MITCHNER, B.S., Agricultural and Technical College of North Carolina, 1965
 MERLE ARLIN QUICK, B.S., 1965
 EDWARD ROBERT RAWSON, B.S., University of Wisconsin, 1943
 RAWLS WADDEY WALDEN, B.S., 1966

In Metallurgical Engineering

CRAIG CARLTON BAKER, B.S., University of Michigan, 1965
 ASIM CHAUDHURI, B.E., University of Calcutta, 1961
 KRISHAN KUMAR CHAWLA, B.S., Banaras Hindu University, 1965
 YUNG-CHANG CHEN, B.S.E., Taiwan Cheng Kung University, 1964
 NORRIS ALFRED DAHLSTROM, B.S., 1966
 DAVID GRIFFITT FRANKLIN III, B.S., 1965
 HAN CHANG SHIH, B.S., Taiwan Provincial Cheng Kung University, 1963

In Microbiology

CAROLYN SUE CURRY, B.S., Southern Methodist University, 1966
 KATHARINE HARRIS LIEB, B.S., 1963
 ROSARIO RONALD MODESTO, B.A., Adelphi Suffolk College, 1965
 JUDITH ANNE MARIE RION, B.S., 1965
 DORIS CLEO WITHERS, B.S., Howard University, 1964

In Music Education

- LEAH JEAN ANDERSON, B.Mus.Ed., Wichita State University, 1963
 VIRGIL BURNELL BAUMGARTNER, B.S., 1966
 PAUL RUSSELL CARPENTER, B.M.Ed., George Peabody College for Teachers, 1966
 JANE ELLEN CARTER, B.S., State College of New York (Potsdam), 1966
 RUTH IDEN DENNY, A.B., Lincoln Christian College, 1961
 LAWRENCE HENRY DWYER, B.A., University of Notre Dame, 1966
 MELANIUSZ JAN GIENKO, B.S., 1962
 EUGENE SHINJI GOTO, Ed.B., University of Hawaii, 1966
 FREELYN ARBEITER JEFFERS, B.S., 1964
 ALVIN LEON LOWREY, B.Mus.Ed., University of Kansas, 1965
 LEROY MARTIN, B.M.E., Jackson State College, 1966
 RITA GREEN MILLIS, B.S., Eastern Illinois University, 1960
 WILLIAM WARREN OLSON, B.S., 1959
 CAROL CAYE ROGGENSACK, B.Mus.Ed., Viterbo College, 1966
 STEVEN EDWARD SCHOPP, B.S.Mus.Ed., Ithaca College, 1966
 TERRY SCOTT SLOCUM, B.S., 1965
 MARIANNA STOICA, B.M., DePauw University, 1966
 ROBERT MILLER TYSON, JR., B.S., East Carolina College, 1963
 JAMES ROSS WILCOX, B.Mus., Southern Illinois University, 1964

In Nuclear Engineering

- RICHARD JOSEPH DICKMAN, B.S., 1966
 HAROLD WALTER WAHLE, B.S., 1966

In Physical Education

- ALLEN BARRY CARIUS, B.S., 1964
 SANDRA BURCH POWELL, B.S., Purdue University, 1963
 ROBERT JOSEPH SALERNO, B.S., New Haven State Teachers College, 1959
 RICHARD CHARLES SCHLEICHER, B.A., Evansville College, 1965
 RALPH WELBY SMITH, B.S., Western Maryland College, 1965
 RAYMOND JOHN URBAN, B.S., 1964

In Physics

- GARY MICHAEL ACKINS, B.S., 1965
 GUY AYRAULT, B.S., University of Wisconsin, 1965
 JAMES BUCKLEY BOYCE, B.S., 1966
 JAMES VINTON BURT, B.S., University of Kansas, 1966
 PAUL DANIEL DAPKUS, B.S., 1966
 DENNIS HAMMOND EATON, B.S., Harvey Mudd College, 1966
 GEORGE HERBERT EMMONS, B.S., University of Wisconsin, 1965
 JAMES SIDNEY FRANK, B.S., University of Wisconsin, 1965
 PATRICK ROBERT GARNIER, Dipl.Ing.Civil, Ecole Nationale Supérieure de la Metallurgie et de l'Industrie des Mines, 1966
 PUTHUGRAMAM CHIDAMBARAM KRISHNAN, B.Sc.(Hons.), University of Madras, 1960
 JAMES JOSEPH LAGGAN
 CARL MEREDITH LUND, B.S., University of Missouri (Rolla), 1966
 DAVID LEE MILLER, A.B., Whitman College, 1966
 EDWARD BRALLIER NOFFSINGER, B.S., 1966
 EUGENE LEE NOTH, B.S., Carroll College, 1965
 SAM MARSHALL PEDERSON, B.A., St. Olaf College, 1965
 ROBERT WHITTEN SIMPSON, JR., A.B., Harvard College, 1966
 GEORGE LINTON TOUCHTON III, B.S., Florida State University, 1965
 BUNLI YANG, A.B., Harvard College, 1965

In Physiology

- JOHN EDMUND BARRY, A.B., Boston University, 1965
 JANET ANN GENZANO, B.S., St. John's University, 1965

In Plant Pathology

- TOM GORDON OBRIG, B.S.For., West Virginia University, 1962

In Radio and Television

HAROLD DARRELL BLUE, B.S., 1961
 GARY ALLAN OLSON, B.S., 1964
 ANN HELEN STONE, B.A., Principia College, 1966

In Recreation

RAYMOND BORNAIS, B.Ped., University of Laval, 1962
 PAUL MICHAEL DORNER, B.S., 1966
 RAYMOND WILLIAM HERZER, B.S., 1965
 JAMES MUNRO JOCIUS, B.S., 1966
 STANLEY NEWELL PETERSON, B.S., University of Oregon, 1966
 HAROLD LAWRENCE SCHRAUTH, B.A., San Francisco State College, 1966

In Sanitary Engineering

HENRY HERMAN KOERTGE, B.S., 1958

In Statistics

JAMES MICHAEL BROWN, B.S., 1965
 THOMAS ANTHONY SMUCZYNSKI, B.S., St. Procopius College, 1965

In the Teaching of Biological Sciences and General Science

KEITH WILLARD ANDERSON, B.S., 1965
 DOROTHY JEAN DEMITRIU, B.S., 1965
 LYNNE MARIAN LAWSON, B.S., 1965
 CAROLYN GREEN THOMPSON, B.S., 1965

In the Teaching of Chemistry

JOSEPH HOWARD BEATTY, B.S., Oregon State University, 1965

In the Teaching of Mathematics

RUTH MOORE AWE, B.S., 1965
 MARLENE ANN BRILL, B.S., 1966
 JOAN MARIE CONROY, B.A., Mundelein College, 1957
 MARGARET ANN COPPOCK, B.S., 1966
 ROBERT JOSEPH GERENCHER, B.S., 1966
 ROBERT EDWIN WALL, B.S., 1966

In Theoretical and Applied Mechanics

TOD KRUEGER JESTER, B.S., University of Missouri (Rolla), 1963
 MICHAEL LEE ROLLER, B.S., 1966
 FRANCIS MARION THOMAS, B.S., 1966
 RICHARD MILES WETZEL, B.S., 1966
 EKKEHARD FRIEDRICH WIECHERING, B.S., 1966
 WILLIAM JOHN WINKEL, B.S., 1966

In Veterinary Medical Science

JAMES WILLIAM EBERT, B.S., University of Pittsburgh, 1960; V.M.D., University of Pennsylvania, 1964
 CHAO KUANG HSU, B.S., National Taiwan University, 1962
 RONALD HARRY KERMAN, B.S., 1965
 DEOKI NANDAN TRIPATHY, B.V.Sc.&A.H., Uttar Pradesh Agricultural University, 1964

In Zoology

SUZANNE SHOGREN BORST, A.B., Monmouth College, 1963
 DOROTHY BURDICK CHAFFIN, B.S., Oklahoma State University, 1965
 BARBARA LOUISE HANLEY, B.S., 1965
 HANS DIETER JAKSCHIK, B.S., 1964
 JAMES RICHARD KARR, B.S., Iowa State University of Science and Technology, 1965

Degree of Master of Music

LONNIE PAUL BENNINGFIELD, B.Mus., Texas Technological College, 1964
 PAULINE MILLSON CAMPBELL, A.B., Douglass College, 1958
 LILY W. J. CHIA, B.Mus., Alverno College, 1965
 CHARLOTTE EILEEN EVANS, B.S., Western Illinois University, 1965
 PRISCILLA FULLERTON, B.Mus., Cleveland Institute of Music, 1964
 ALLAN DAVID GOLDMAN, B.Mus., 1966
 WILLIAM HENDERSON HUGHES, JR., B.Mus., Muskingum College, 1965
 JERRI LEE JAMES, A.B., Gonzaga University, 1965
 MYRON ELLIS JULIEN, A.B., Hope College, 1965
 JEFFREY GORDON KURTZMAN, B.Mus., University of Colorado, 1963
 WILLIAM WALTER MCIVER, Mus.B., Oberlin College, 1965
 GEORGE ALLAN O'CONNOR, B.S., New York State College (Fredonia), 1965
 GEORGE HENDERSON PRO, B.Mus., University of Kansas, 1966
 MARY ELIZABETH RICKS, B.M., St. Andrews Presbyterian College, 1965
 CARL OTTO VOLKERS, A.B., 1962
 JUDY ANN WEIDOW, B.M., North Park College and Theological Seminary, 1965
 JOYCE BENNETT WHISNANT, B.A., Furman University, 1960
 WILLIAM WARREN YOUGHASS, B.Mus., Ithaca College, 1965

Degree of Master of Education

STEVEN BURT ALSBERG, B.S., University of Wisconsin, 1964
 LINDA LOU ANDERSON, B.A., University of Denver, 1963
 ULIN STANLEY ANDREWS, B.S., 1965
 JESSIE LOU ARNOLD, B.S., University of Tennessee (Martin), 1965
 ANN EIKO ASAKURA, Ed.B., University of Hawaii, 1966
 MELBA SPIKER ASH, B.S., Kansas State Teachers College (Emporia), 1960
 BLAINE ALLEN BABB, B.A., Southwestern College (Kansas), 1962
 VIRGINIA ELLEN BACHMANN, B.S.Ed., Miami University, 1963
 SANDRA MILLER BANKS, A.B., Morehead State College, 1962
 MARY HAMACHER BATES, B.S., 1962
 ROBERT MICHAEL BENDER, B.S., Quincy College, 1956
 HOWARD GOLLIER BERLINE, B.S., Illinois College, 1962
 JUDITH ELLEN BETKE, B.A., Purdue University, 1964
 MARJORIE EILEEN BINGHAM, B.S., Western Illinois University, 1961
 KAYE JANE BOLEY, B.S., Pennsylvania State Teachers College (Kutztown), 1959
 JAMES ROBERT BOLING, B.Sc., University of Nebraska, 1957
 BRADLEY PAUL BRANSKY, B.S., 1966
 SHEILA ELIZABETH BREITZER, B.S., 1966
 JANET MARIE BRETTMANN, B.A., Elmhurst College, 1963
 MARGARET JEANNE BROCK, B.S., Kansas State University, 1961
 JULIA RENEGAR BROOME, B.S., University of North Carolina (Greensboro), 1964
 MARY LOU NELSON BROTHERTON, B.Ed., University of Miami, 1955
 LILLARD GENE BROWN, B.S., 1962
 LEONARD EDWARD BROZ, JR., B.S., Montana State College, 1961
 AUDREY ELIZABETH BRUCKNER, B.S., 1962
 AUDREY SMITH BUCH, B.S., University of Pittsburgh, 1951
 RICHARD COTTER BUMBA, B.S., Western Illinois University, 1962
 THOMAS EDWARD BURNS, B.S.Ed., University of North Dakota, 1966
 MARILYN JOYCE CAIN, B.S., Pennsylvania State College (Indiana), 1966
 GARY MILTON CALHOON, B.S., Western Illinois University, 1962
 DOUGLAS LLOYD CANADY, A.B., Earlham College, 1958
 JAMES ALDEN CAUGHLAN, B.S., Southern Oregon College (Ashland), 1955
 ALAN ROGER CHESTER, B.A., University of Connecticut, 1964; M.S., Central Connecticut State College, 1966
 KAREN KEIKO CHIBANA, Ed.B., University of Hawaii, 1966
 GARY CLIFTON COATES, B.S., Illinois Wesleyan University, 1964
 NANCY KAY COLLINS, B.S., Oklahoma State University, 1965
 SHEILA CHRISTIE COON, B.S., University of Minnesota, 1963
 ROBERT FRANCIS CORCORAN, A.B., 1964
 JOSEPH FRANCIS DELOACH, B.S., Eastern Michigan University, 1965
 MARTHA HARRIET DILLNER, B.A., Arizona State University, 1964

- LINDA JOY DIMITRIJEVICH, B.S., 1962
 KERN LAVERN DOERNER, B.S., Southern Illinois University, 1963
 ANITA WIENRANK DUIS, B.S., Olivet Nazarene College, 1964
 JOANNE PETTY DUKES, B.S., 1963
 SANDRA JEAN DURNING, B.S., Millikin University, 1965
 BOB DEAN ECKERTY, B.S., Eastern Illinois University, 1960
 KENNETH DALE EIKE, B.S., 1962
 DOROTHY CHIYOKO ENDO, Ed.B., University of Hawaii, 1964
 CAROL SHIGEKO ETO, Ed.B., University of Hawaii, 1966
 DEL GRATIA SMITH FINLEY, B.S., Illinois State University, 1963
 DANIEL SOLOMON FLEISHER, B.S., Villanova College, 1948; M.D., Hannemann Medical College, 1953
 JOHN RICHARD FRATTINGER, B.S., Illinois State University, 1964
 DIANE ELIZABETH FREY, B.S.Ed., Pennsylvania State College (Shippensburg), 1966
 JUDITH HILDENBRAND FULLER, A.B., 1961
 JULIA MARY GALLAGHER, A.B., Emmanuel College, 1956
 LARRY JAMES GATES, B.A., Eastern Illinois University, 1963
 BARBARA ANN GATSCHKE, B.S., 1962
 BRENDA JILL GERDES, B.A., Western Illinois University, 1964
 THOMAS MARVIN GHER, B.S., Southern Illinois University, 1950
 DALE WESLEY GLENN, B.S., Eastern Illinois University, 1962
 EVELYN ROSE GODDARD, B.S., Eastern Illinois University, 1963
 CAROLYN KAY GREEN, B.S., 1965
 CAROL WALLACE GREENWOOD, B.S., Illinois State University, 1960
 SAMUEL CELESTINO GRISCIOTTI, A.B., University of Pittsburgh, 1959
 MARIE ANN GRONLUND, B.S., University of Michigan, 1962
 BESSIE STOREY GRUCHY, B.S., Mississippi State University, 1951
 DALMAN RAY HAFENRICHTER, B.S., 1965
 FRANCES LAMBERT HAILS, A.B., University of Michigan, 1966
 PHYLLIS SMITH HALE, A.B., Franklin College of Indiana, 1950
 PAUL TURY HALVERSON, B.S., Wisconsin State University (Oshkosh), 1965
 WILLIAM OWEN HASTERT, B.S., Wisconsin State College and Institute of Technology, 1961
 HELEN TEMPLE HATCH, A.B., 1964
 RUTH CAROLYN HEDRICK, A.B., Mayville State College, 1935
 DONALD RICHARD HEITZMAN, B.S., Northern Illinois University, 1961
 CONNIE-LYNNE HILL, B.A., Beloit College, 1964
 JOHN HOWARD HILLISON, B.S., 1966
 JANE HANTLAND HOOVER, A.B., College of St. Francis, 1964
 RICHARD LESLIE HOWARD, B.S., 1960
 MARY AGNES HUCK, B.S., 1962
 AMPHAI INFHAISAENG, B.Soc.Admin., Thammasat University, 1956
 RICHARD CLAYTON JENNESS, B.S., University of Maine, 1963
 CAROL JEAN JOGANIC, B.S.Ed., Illinois State University, 1966
 CHARLES EDWARD JOHNSON, B.S., United States Military Academy, 1959
 MARTHA WHITE KEMP, B.S., Eastern Illinois University, 1958
 KNOWLTON GRAHAM KLINCK II, B.S., United States Naval Academy, 1961
 BERNARD CRAMER KNEALE, A.B., Shimer College, 1961
 DONALD EUGENE KORTE, B.S., Illinois State University, 1963
 RONALD MERLE LARIMORE, A.B., 1964
 DANIEL CHARLES LAUGHLIN, B.S., 1965
 MARGARET JEAN LEONARD, B.S., 1966
 DEAN HAROLD LOWMAN, B.S., Illinois Wesleyan University, 1966
 JUDITH SOB CZAK MALECKI, B.S., 1962
 WILLIAM GRAYSON MARKS, B.S., Western Illinois University, 1960
 MARY LUDWIG MCBRIDE, B.S., 1955
 LENORA MCELROY, A.B., Harris Teachers College, 1960
 PRISCILLA LEE METZCUS, B.S.Ed., Northern Illinois University, 1963
 GENEVIEVE VERONICA MILAUCKAS, B.S., Illinois State University, 1965
 JULIA CATHERINE MOFFITT, B.S., Southern Illinois University, 1962
 MARTHA LOUISE MOSES, B.S., University of Missouri, 1963
 MARY ELLEN NAFZIGER, B.A., Goshen College, 1963
 ANTHONY RICHARD NETHERCOTT, B.S.Ed., Aquinas College, 1965

RONALD KEITH PAUL, B.A., Northwestern University, 1965
 JEAN ANN PAYCHL, B.S., 1963
 JOHN EDWARD PEDEN, B.S., 1965
 DAVID ALAN PEDERSEN, B.S., Wisconsin State College (La Crosse), 1964
 ANNA PIDONE, A.B., Elmhurst College, 1963
 KENNETH JOHN PIGGUSH, A.B., Tarkio College, 1964
 GLORIA CELESNIK PLAUTZ, B.A., Wisconsin State University (Eau Claire), 1965
 CHARLES WENDELL PONQUINETTE, A.B., Talladega College, 1963
 JUNE ALICE POUND, B.S., 1966
 BARBARA RUTH POWER, A.B., 1966
 BURTON MURRY RAIMER, A.B., 1966
 RICHARD TERRY REID, B.S., Oregon State University, 1963
 CLIVE JOSEPH REINWALD, B.S., 1960
 RUSSELL FREDERICK RETTERER, B.S., DePaul University, 1962
 ROBERT WILLIAM RIEK, B.S., Illinois State University, 1961
 MARGARET MAE SNIDER ROLLER, B.S., 1935
 KENNETH JAMES RUIZ, B.S., Wheaton College, 1960
 STANLEY ARLIN RUMBAUGH, A.B., Wheaton College, 1963
 JUDITH ANN SCHAFFENACKER, B.S., 1963
 WILLIAM ANDREW SCHMIDT, B.S.Ed., University of Virginia, 1966
 LINDA SUE SECURDA, B.S., Illinois State University, 1961
 BARBARA ELLEN SHOOK, B.S.Ed., Indiana University, 1966
 GLENDA MARTIN SKOLASKI, B.S., 1964
 SUSAN ANNE SOMERVILLE, B.A., Colorado College, 1964
 MARGARET ANNE STADE, B.A., Northern Illinois University, 1963
 DIANE CAROLE SUDEIKIS, B.S., 1965
 HESTER NELSON SUGGS, B.S., 1963
 GRANT WILLIAM TAYLOR, B.A., Lawrence University, 1965
 ROBERT BRUCE THOMPSON, B.Ed., Keene Teachers College, 1957
 RICHARD HENRY THORNES, A.B., 1965
 DOROTHY DELORES TONEY, B.A., Agricultural, Mechanical and Normal College
 (Arkansas), 1964
 JUDITH ANNE TOOHILL, A.B., State University of Iowa, 1963
 ROBERT JOSEPH TOWLER, A.B., McKendree College, 1964
 BARBARA HISAKO TOYOFUKU, Ed.B., University of Hawaii, 1966
 PATRICK GEORGE TRAINOR, B.A., St. Mary's College (Minnesota), 1963
 MARCIA LYNN TRAMEL, B.S., Western Illinois University, 1964
 SALLY RUTH TREJBAL, A.B., 1964
 JULIANNE IRENE VENCKUS, B.S., 1966
 JAMES FRANCIS WENIGER, B.S., 1964
 ELLEN JANICE WETTERSTEN, B.A., Northwestern University, 1962
 DORIS ANN WHITE, B.S., Tennessee Agricultural and Industrial State University,
 1961
 JOSEPH LOYED WHITE, B.A., Monmouth College, 1965
 CAROL JOAN WIBORG, B.S., Illinois Wesleyan University, 1964
 BETTY JO WISHART, B.A.Ed., Ball State Teachers College, 1961
 LAWRENCE ROBERT WORKMAN, B.S., 1964
 MARY FRANCES WRIGHT, A.B., Indiana University, 1962
 LEE EDWIN YUNKER, B.S., Elmhurst College, 1963
 NORTON ZEID, B.S., 1965

Degree of Master of Social Work

JEANETTE FRIERSON BAPTISTE, A.B., Illinois Wesleyan University, 1963
 HAROLD KRISTIAN BENDICSEN, B.A., Luther College, 1965
 DIANE LYNN BERTRAM, B.S., University of Wisconsin (Milwaukee), 1961
 DARROW STEVEN BISHOP, B.S., University of Wisconsin, 1963
 WILLIAM BOLINE, B.S., Kentucky State College, 1964
 NANCY B. CARTER, B.A., University of Akron, 1957
 JEANIE COOK CHILD, B.A., DePauw University, 1965
 PHYLLIS FRIEBERT CHONGULIA, A.B., Antioch College, 1962
 JANICE FERGUSON CLARKE, A.B., University of Chicago, 1948
 SHARON MARIE DALBERG, A.B., Taylor University, 1964

- LAUREEN MARGARET DUPRÉ, B.S., Loyola University, 1961
LINDA JUNE ELLIOTT, A.B., Wheaton College, 1963
DOROTHY JEAN EVANS, A.B., Bradley University, 1948
HARRIET CARTER FIELD, B.A., Northwestern University, 1965
MARY TULLY FITCHORN, A.B., 1945
ELAINE RUTH FLIESSER, A.B., 1964
GLORIA RAYMON GAVLIN, B.S., University of Alabama, 1945
EVELYN RUBIN GORDON, B.S., Simmons College, 1942
SUE ROCHELLE GROSSMAN, A.B., 1964
EDWARD KENNETH GUTMANN, B.S., Bradley University, 1961
ROBERT LEE HARBIN, JR., B.S., Purdue University, 1961
RUTH ELAINE HOLUB, A.B., Illinois Wesleyan University, 1961
JEANETTE EMIKO ISHIHARA, B.A., University of Hawaii, 1965
DORIS RUTH JOHNSON, B.S., George Williams College, 1947; A.M., University of Chicago, 1953
WILLIAM HARVEY JONES, B.A., Carroll College, 1964
LOUISE STEINMAN KANTER, B.S., 1964
ROBERT LOUIS KAUFFMAN, B.A., Saint Joseph's College (Indiana), 1965
DALE ARTHUR KEITH, B.A., Southern Illinois University, 1964
LARRY A. KIPNIS, A.B., 1965
JULIA NORIAN KLING, B.S., University of Pennsylvania, 1957
RHODA STEPHANIE KLING, A.B., 1965
HARRY CORCORAN KOENIG, B.A., University of Notre Dame, 1959
MARTIN STEPHEN KRAAR, B.S., Memphis State University, 1965
DIANE LOIS KRAETSCH, B.A., Northwestern University, 1965
SHARON SAX LEVIN, B.A., Northwestern University, 1965
KATHLEEN LICHODZIEJEWSKI, A.B., 1964
JO STEPHEN MAJOR, B.A., Southern Illinois University, 1965
JOSEPH JOHN MANAK, B.A., Beloit College, 1959; M.A., Southern Illinois University, 1964
JANET KAY MCCARTHY, B.S., Michigan State University, 1959
JOSEPH EDWARD McDONALD, B.A., M.A., Aquinas Institute of Philosophy and Theology, 1963, 1964
MARY ELLEN MCGUIRK, B.A., Queens College, 1965
DAVID CHARLES MCLAUGHLIN, B.S., Carroll College, 1963
GEORGIANA MAE MICHOLAS, B.A., St. Olaf College, 1964
NANCY LOUISE MITCHELL, B.S., University of Wisconsin, 1963
BARBARA SLAIN MOTLONG, B.A., Carleton College, 1963
WILLIAM KEN MOTLONG, B.A., Carleton College, 1963
RALPH GEORGE NAVARRE, B.S., University of Wisconsin (Milwaukee), 1964
ANTHONY JOSEPH NAVES, B.A., Southern Illinois University, 1965
SUZANNE ENGLAND OSTERBUSCH, B.S., University of Pittsburgh, 1961
ADELAIDE CATHERINE PETERSON, A.B., St. Louis University, 1937
MARILYN LUSHER PLATH, A.B., Grinnell College, 1955
HOWARD S. POLLACK, B.S., 1960
ELISSA HOCHBERG POLLOCK, A.B., Bradley University, 1963
DOROTHY JEAN WEISINGER REISS, A.B., 1965
DIANE GOLDSTEIN ROHATSCH, A.B., 1964
NANCY MANN ROSEN, B.S., University of Wisconsin, 1956
BILLIE GREEN ROSMAN, A.B., University of Chicago, 1963
JANICE FIENBERG ROTHBAUM, A.B., Syracuse University, 1946
MADELON DIANE RUDMAN, B.A., University of Iowa, 1964
MERLE SHARON SHARPE, B.A., Northwestern University, 1965
PHILLIP GERALD SHAYNE, B.A., Western State College of Colorado, 1964
TROY SIMPSON, JR., A.B., Agricultural, Mechanical and Normal College (Arkansas), 1964
ELAINE FITZPATRICK SMUCZYNSKI, B.S., St. Louis University, 1963
MYRNA SYMA SPILKY, A.B., Shimer College, 1965
JOSEPH MARTIN STARK, B.A.A.S., Kent State University, 1964
EDITA DANUTE TAMOSAUSKAS, B.A., University of Toronto, 1965
DEBORAH TARSHISH, B.A., Lake Forest College, 1964
DIONISIO PETER VACCARO, B.S., Bradley University, 1959

DORENA MAY WALLACE, B.S., Auburn University, 1958
 NAOMI JANE WALTER, A.B., Tabor College, 1964
 PATRICIA JUNE WEED, B.A., Hanover College, 1965
 PETER DIRK WEIDENAR, A.B., Hope College, 1965
 VERLYN RAY WENNDT, B.A., Wartburg College, 1965
 FAITH BRIGHTBILL WEYBRIGHT, B.A., Manchester College, 1963
 ANNCELYNE DELORES WHITAKER, B.A., Parsons College, 1963
 JOSEPH KENT YAHRAES III, B.S., University of Idaho, 1963

Degree of Master of Fine Arts

In Painting and Printmaking

HARDY DIXON BENNETT, B.F.A., University of Texas, 1965
 ROBERT HUGH CUMMING, B.F.A., Massachusetts College of Art, 1965
 DAVID ALFRED EISLER, B.F.A., 1965
 GEOFFREY FOWLER KOETSCH, B.A., B.F.A., University of Wisconsin, 1963, 1965
 VICTOR REMY VALLA, B.F.A., Rochester Institute of Technology, 1964

Degree of Master of Laws

BERNARD MARKS, LL.B., University of Sydney, 1966

Degree of Master of Television

BRIAN EDWARD SCHMITZER, B.F.A., 1966

Degree of Master of Architecture

WILLIAM ELLSWORTH CLOE, JR., B.Arch., 1965
 RICHARD WILLIAM CRAMER, B.Arch., Oklahoma State University, 1962
 PHILIP LEE HODGE, B.Arch., 1957
 PATRICK EDWARD LEAMY, B.Arch., 1965
 STEPHEN WOLF NITEKMAN, B.Arch., 1965
 NICK GEORGE SCARLATIS, B.Arch., 1963
 JOANN WAHL SPORLEDER, B.Arch., 1959
 JAMES ANASTASIOS TOYA, B.Arch., Pratt Institute, 1960
 BERNARD MARSHALL WIDEROE, B.Arch., 1962

Degree of Master of Accounting Science

EARL JOHN COONEY, A.B., 1965
 JAMES JOSEPH HOPKINS, B.S., 1965
 JAMES PAUL KRUEGER, B.S., 1966
 ROBERT JOHN KUEHNAU, B.S., 1966
 JAMES RUSSELL LAMBERT, B.S., University of Oregon, 1966
 WILLIAM HENRY PARROTT, B.A., Harpur College, 1966
 ALBERT ELIAS RIZKALLA, B.Com., Cairo University, 1952
 JOSEPH CHARLES SCHMITT, B.S.B.A., University of Arkansas, 1965
 JAMES FREDRICK SINGELMAN, B.S., 1966

Degree of Master of Business Administration

BEN ALAN BEAVERS, B.S., 1965
 CHARLES HARRY BOGUE, B.S., 1964
 JAMES ROBERT CHELIUS, B.S., 1965
 LEWIS ORR CRAWFORD III, B.M.E., Georgia Institute of Technology, 1966
 BENJAMIN SKINNER DALTON II, B.S., Virginia Polytechnic Institute, 1965
 ROBERT CRAIG EHLERT, B.S., Southern Illinois University, 1965
 JACK BENJAMIN ELLETT, B.S., 1965
 RALPH OSCAR ERLANDSON, JR., B.A., Lawrence University, 1965
 RICHARD CHARLES FASSINO, B.A., Lewis College, 1963
 DAVID HAROLD FISHBURN, B.S., 1964
 ROBERT DEAN FLUSS, B.S., Northwestern University, 1965
 MICHAEL KENNETH GRAY, B.S., Washington State University, 1958

ELWOOD JOHN HEIN, B.S., 1950
 ROBERT ELLIS LAPP, B.S., Northwestern University, 1965
 JAMES JOSEPH MAHONEY, JR., A.B., Boston College, 1965
 RICHARD STEPHEN MARSHO, B.S., 1963
 DOUGLAS EVANS MAXWELL, A.B., Wheaton College, 1965
 ROBERT WYNN MOSSBARGER, B.S., 1965
 DAVID CHARLES MOZINSKI, B.S., 1965
 ROBERT EUGENE NIXON, B.S., 1965
 ROBERT RAYMOND NOTZ, B.S., 1965
 DAVID JEROME RICHTER, B.S., University of Wisconsin, 1962
 HOWARD ALBERTS ROSENBAUM, A.B., Indiana University, 1964
 ALLAN FREDERIC SAULN, B.S., 1965
 FRANK CHARLES SCHROEDER III, B.A., Hobart College, 1965
 JEROME FRANCIS SMITH, B.S., Yale University, 1961
 WILLIAM ALFRED STANFORD, B.S., 1965
 RANDY LEE STOTLER, B.S., 1963
 LEWIS WALKER WHITE, B.S., Illinois Wesleyan University, 1963
 CHARLES STUART WILSON, B.S., 1965
 JOHN THOMAS ZICK, A.B., 1965

Degree of Master of Extension Education

HAROLD ALVIN BRINKMEIER, B.S., 1949
 DALE EVAN MILLIS, B.S., 1960

Degree of Master of Landscape Architecture

DONALD HARRY GODI, B.S., University of Missouri, 1961

Degree of Master of Urban Planning

LEWIS BOLAN, A.B., Columbia University, 1962
 GARY ARTHUR HACK, B.Arch., University of Manitoba, 1964; M.Arch., 1966
 DENNIS ARTHUR HARDER, A.B., Cornell University, 1965
 PAUL FELTON HOLLEY, B.S., Colorado State University, 1964
 LEON THOMAS KOTECKI, B.S., 1964
 GEORGE NILS OLSON, B.A., University of Kentucky, 1965

Advanced Certificate

In Education

KENNETH WAYNE BERTA, B.S., Illinois State University, 1958; M.S., 1962
 JAMES RONALD DEBATES, B.S., M.S., Western Illinois University, 1955, 1956
 LEROY ADOLPH EICKEN, B.S., M.S., Illinois State University, 1953, 1962
 DONALD EUGENE FULLER, B.A.Ed., State Teachers College (Nebraska), 1957; M.S.,
 University of Wisconsin, 1959
 ROBERT LEE HESLER, B.S., Eastern Illinois University, 1957; Ed.M., 1961
 RAYMOND EARL JONES, B.Ed., Eastern Illinois University, 1938; M.A., Columbia
 University, 1947
 EVELYN PAULINE MINTUN, B.S., Ed.M., 1959, 1960
 CATHARINE PHELPS WARMBROD, A.B., State University of Iowa, 1952; M.S., 1965
 CARL WAYNE WILLIAMS, B.S., M.S., Eastern Illinois University, 1950, 1954

In Music Education

IRENE DAVAUULT DAVIS, B.F.A., University of Florida, 1963; M.Mus., University
 of Southern Mississippi, 1966

Certificate of Advanced Study in Librarianship

MAURINE GREENE COTTEW, B.S., Northwest Missouri College, 1960; M.A., Univer-
 sity of Denver, 1961
 GORDON EDWIN RASMUSSEN, B.A., North Central College, 1954; M.A., University
 of Denver, 1961

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

JOHN LAMBERT ABELL	JAMES EUGENE HOOPER
NEIL KEITH ALLEN, Honors	JOSEPH RICHARD HOPKINS, High Honors
ROBERT EUGENE ANNISS	RICHARD LEE HURELBRINK
CARL FREDERICK AWE	LEE WILBURT JACOBS
SORIE JUNIOR BAI BANGURA	DALE EDWARD JAHRAUS
DELMAR KEITH BANNER	JACK ALLEN JENNINGS
WILLIAM KEN BAUMGARTNER	WILLIAM BRUCE JOHNSON, High Honors
DAVID SAMUEL BECHTEL	LARRY GENE JONES
THOMAS RUSSELL BELTON	RICHARD LOUIS JURGENS
ROBERT LOGAN BETZELBERGER	WILLIAM KIARIU KARIUKI, Honors
DENNIS SHERWIN BICKET	ALLEN NOEL KEISER
NORMAN WILLARD BJORLING	NANCY JANE KELLY
RICHARD EUGENE BROOKS	HAROLD JOSEPH KLEISS
RONALD ERWIN BRUCH, Honors	WILLIAM THAD KUHFUSS
GRANT FREDERICK BURCKHARDT, High Honors	JOHN MARK LASH
DALE EUGENE BURKYBILE	ALLEN DUANE LEMAN
JOHN CORDELL BURROUGHS	THOMAS EDWIN LEWIS
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JAMES ROE CARLETON	WILLIE ALFRED LIPATO
WAYNE CURTIS CARLSON, Honors	GLENN IRVIN LIPP
FREDERICK HARRISON CASH	TERRY LYNN MARCH
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DAVID EDWARD CAULDE	MICHAEL JAMES MCCLURE
WARREN WILLIAM CLAUSING, Honors	LARRY KEITH McMULLEN
EDWARD KAY COLLINS	LARRY LAVERNE MEARS
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RICHARD LINN DAVIS	JERRY JOSEPH MISEK, Honors
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JOHN HUGH DUFFY	KENNETH ORVILLE NIMRICK, High Honors
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LARRY DAVID ESWORTHY	GEORGE LOUIS PALMER
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HUGH GLENN FORBES	DAVID CHARLES PETRITZ, High Honors
CURTIS ROLAND FREEBERG	MAX EUGENE PIERSON
CARL WILLIAM FREY	TERRENCE EVAN POCKLINGTON
RICHARD EUGENE GENSLEK	DOUGLAS JOHN POOL
MELVIN LEO GOULD	ROBERT LYNN POTTS
JOHN MICHAEL GRAY	ROBERT WAYNE PRITCHARD, Honors
BENJAMIN ANDREW GREINER	CARL LESLIE REYNOLDS
DAVID LEE GRIEVE	THOMAS OWEN RHOADS
WILEY RAY GRUBAUGH	CHRISTOPHER THOMAS RICHARDSON
STEVEN RAY GUEBERT, High Honors	DAVID EVERETT RINCKER
LARRY GENE GUTTERRIDGE, High Honors	STEPHEN CHARLES RINKENBERGER, High Honors
DAVID OSCAR HAAKE	DUANE LEON ROELFS
RONALD GEORGE HARDESTY	DAVID HENRY RUEBUSH
GARY EUGENE HARTMAN	RUSSEL NORMAN RUNGE
LARRY WAYNE HEISER	DAVID ORLO RUPPERT, Honors
RONALD WILBUR HEISNER	JOHN EDWIN SANDERS
RONALD WILSON HENDERSON	ROY CLARENCE SANGMEISTER
SCOTT RUSSELL HENDRICKSON	JAMES HENRY SCHICK
LELAND EARL HERZBERGER	ROBERT BENTON SCHWART, JR.
JERRY OSCAR HOFFEE	PAUL LAVERNE SHEPHERD
THOMAS ALAN HOFFMANN	

JERRY LEE STARKEY
 JOHN WILLIAM STELMEL
 ROBERT DALE STIEREN
 JACK NEIL STORK
 JAMES EARL THIES
 HAL VERNON THOMAS
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LARRY LYNN WACHTEL
 ALAN STUART WALTER
 STEPHEN KENT WEBEL
 PAUL RONALD WESBECHER, Honors
 DAVID HALEY WHITSON
 CARL DEAN WINGFIELD
 NICK FRANK ZELENKO

In Dairy Technology

MARIO LEON WILLIAMS

In Floriculture and Ornamental Horticulture

MICHAEL RAY HARTMAN
 LEONARD ELLIS PHILLIPS, JR.

ROBERT CONWAY WHITTAKER

In Food Science

DANIEL EMERSON GREEN, Honors

GEORGE SAMUEL ISRAEL

In Forestry

SAULIUS STANLEY BRAZDYS
 JIMMIE DEAN CHEW, Honors
 JOHN DEREK FELIX-WILLIAMS, High
 Honors
 HARRY ROBERT FRISBY
 RICHARD WAYNE HAYS
 CARL WILLIS HENDERSON, JR.
 JAMES HENDERSON
 ROBERT MOORE MAGNUSON
 RICHARD PETER MROCYNSKI

KENNETH WILLIAM PIOTTER
 JOHN PRONOS, Honors
 GEORGE ERNEST RALPH
 STEPHEN RAYMOND RICKETTS
 JOHN PAUL SCHULT
 ROBERT LOUIS TORTORELLI, High Honors
 DAVID RUSSEL VANCE
 WILLIAM CHARLES WARNES
 DOUGLAS ALLEN ZIESEMER

In Home Economics

DOLORES ANNETTE ACKER
 JOY ANN ALWES
 ELISABETH STINSON ANDERSON
 MARJORIE JOY BOONSHAFT
 ANN ELIZABETH FOCKLER BRODT
 KATHLEEN JO BUCHMANN
 JOANNE ELIZABETH CHAMBERLAIN
 SANDRA KAY DANLEY
 LINDA SUE EKISS, Honors
 BEVERLEY JOAN FEE
 CAROL RICHARDSON FERGUSON
 DEBORAH RUTH FORRISTALL
 MARY ROSE FREDIAN
 JOELLE TENNESON GALLE
 HELEN JOYCE GERKEN
 HENRIETTA JOY GERSTEL
 JEAN ANN GOEDEL
 WILMA BEALL GORDON
 IRENE MAY HARMON
 LETHA JANE HODSON, Honors
 PAULETA TERVEN HORNADAY, Honors
 ELLEN MAE HORWITZ
 CHERYL LYNN IBLER
 VEREE ELAINE KEFLEY
 JOAN MUSETTE KLEPPINGER
 PATRICIA FREED LEE
 JACQUELINE MAE RIDDLE MATE
 ANITA MARILLYN MERRITT
 DORIS ELAINE MORSE
 JANE PHYLLIS MRAZ
 JANET SUE MYERS

BRENDA SHELTON O'BRIEN
 MARILYN LOUISE PADDICK
 REBECCA JANE PALMER, Honors
 VIRGINIA LOUISE PATTERSON
 JEAN FROST PATTON
 BARBARA SNOW PRINCE
 META ANN RADEMAKER
 JOAN KAY RICHTER
 RUTH MARIE ROCHE
 SUE ELLEN ROCK
 JOENA KAY RUSH
 JO ANNE RUSSELL
 JUDITH KAY RUTLEDGE
 LINDA JO TRIMBLE SEGLER
 DONNA LEE SHUCK
 BARBARA LEE SIGTENHORST
 NANCI LYNNE SIMKINS
 NANCY LEE SMITH
 LYNDA JO STEELE
 JANET MARIA STEGGERDA, High Honors
 EDITH NEVINGER STITLE
 BEVERLY ANN STRANGE
 BARBARA GRIERSON SULLIVAN
 ALICE MAO SUN
 LINDA MAE SUNDSTROM
 NANCY JO TEMPLIN
 BARBARA JEAN TRISLER
 FLEURY ANN VIGER
 MARY ANN WARREN
 JANET MARIE WILLIAMS, Honors
 VALORIE VICKERS WOLCOTT

In Home Economics Education

SHARON KAY ADAIR
 NANCY JEAN ANDERSON
 NANCY LOU BRATTON
 MARJORIE CHICKADONZ HALL
 NANCY ANN MAXWELL

GERALDINE EVELYN RENNHACK
 NANCY ELIZABETH RIEDELL, Honors
 PEGGY ANN TOWNS, Honors
 ANN ELYSE TRAMPE, Honors

In Restaurant Management

NANCY SŁUPIANEK

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aeronautical and Astronautical Engineering*

JOHN DAVID BUSBY
 WEI HANG JACOB CHU
 DEWAYNE ELLIS EICKERT
 ROGER BRUCE ENGELBACH
 JOSEPH WILLIAM FLAIG, Jr., High
 Honors
 CHARLES EARL FRENCH
 JON LEROY GROSS
 EUGENE VICTOR HEIDEMANN
 CHARLES GARY HUGHES
 WILLIAM CREIGHTON HUYLER, JR.
 DALLAS LEON JONES
 THOMAS MATTHEW KACZYNSKI, JR.

THADDEUS DENNIS KROLICKI
 BERNARD IRWIN LINN
 RICHARD EDWARD MINER
 RICHARD CHUKA OBOKA
 CHARLES CLARK OLMSTED
 HAROLD MICHAEL REARDON
 ROY JAMES ROZMAN
 WILLIAM KENNETH SCHRADER
 DAVID BEN SHULMAN
 JOHN PATRICK STAPLETON
 GEORGE ANDREW STEIL
 ALAN HIDEO TOGASHI
 JAMES EDWARD WEBB

In Agricultural Engineering

GARY LEE ASHER
 CURTIS ROLAND FREEBERG
 ANTHONY LEE GARMAN
 MAURICE LEROY HOOKS, JR.
 THOMAS KENT LEEPER
 MERRILL EDWARD PINTER

JULIAN LEE RIDGWAY
 RICHARD ALAN ROHLF
 WILLIAM JOSEPH ROSE
 JOHN CARL TUNNELL
 JOHN ROBERT VERCLER

In Ceramic Engineering

ROBERT GARY BLOCK
 THOMAS GORDON CARLSON, High
 Honors

PHILIP DAVID JANSON
 JANICE MARIE RICKER

In Civil Engineering

JAMES JOSEPH ADRIAN, High Honors
 JOHN AGGEN III
 LUIS FELIX AGOSTO
 STEPHEN RICHARD AMREIN
 ROGER PAUL ANDERSON
 PATRICK SIU KEE AU
 JAMES MICHAEL BRECLAW
 DON HAROLD BRENNAN
 LEE OLIVER BROWN
 EUGENE SAMUEL CETWINSKI
 DONALD LOUIS CIAGLIA
 MICHAEL LEE CLIFFORD
 WILLIAM LEE CULBRETH
 JEROME JOHN DALEIDEN
 ANDREW KENNETH DAVIDSON
 WALTER LEONARD DENNIS
 GERALD WILLIAM DILL
 WILLIAM ELLIS DOWNING
 DAVID DIONNE EDDINGS, Honors
 HOWARD JOHN EGGERT
 DONALD WILLIAM FERGUSON

DENNIS HARRY FILE
 FRED LOUIS GAU
 BRIAN WILLIAM GEGEL
 DANIEL GENE GHERE
 JORGE JOSÉ HAAKER-ROSAS, High
 Honors
 WILLIAM SYLVESTER HENNESSY
 DAVID ALAN HOUGH, Honors
 RODGER BRUCE JACKSON
 GARY EUGENE JAHRAUS
 WILLIAM ALLEN JANSEN
 ARTHUR RALPH JENSEN, JR.
 ROBERT S. JUNKROWSKI
 MICHAEL ALAN KANER
 WILLIAM EDWARD KENNEDY
 DAVID MICHAEL KOLLMAYER
 JAMES MICHAEL KRUEGER
 ROBERT ANTHONY KUHL
 SANDRA COLLINS LEVEY
 WILLIAM ANTHONY MAHONEY
 GEORGE DEAN MANDIS

GEORGE EDWARD MASON
 JOHN WILLIAM NORTON
 DENNIS EDWIN PETERSON
 DOUGLAS LEE RADUIS
 DAVID LEE RENKES
 GARY GEORGE ROBENSTEIN
 VASILIOS LEONIDAS ROGACOS
 ANTHONY STANLEY RUTA
 JAMES LEE SIPES, Honors
 RUDOLPH BIAGIO SLIEPKA
 JAMES NORBERT SOMERS

TERRY SOTIRIS SOUPOS
 WILLIAM FREDERICK SOWA
 JOHN PAUL SPINNER
 JOHN PATRICK STACK
 THOMAS HENRY STREMLAU
 ROBERT JAMES SWAIN
 MARVIN LEE TRAYLOR, Jr., Honors
 ROGER LEE VAN ZELE
 MICHAEL HENRY WALIGORA
 JOHN ROBERT WALLACE

In Electrical Engineering

DAVID OLIVER ADAMS
 ROBERT CHARLES ALSTON
 WILHART NILO ALTONEN
 ERIC RUNE ANDERSON, High Honors
 MICHAEL ERNEST ANDERSON
 RICHARD ERNEST ANDERSON, High
 Honors
 STEVEN JOHN ANDERSON
 EUGENE KEVIN BARRY
 ROBERT HERBERT BEEMAN
 JOSEPH FREDERICK BERG
 ARTURO HENRIQUE BETANCOURT-
 VASQUEZ
 CARL JOHN BLAKE
 LLOYD LOUIS BONZON, High Honors
 JAMES ROBERT BORRIS
 GREGG CHARLES BOXLEITNER
 GERALD JAMES BRAND
 BARRY BRUSSO
 ROBERT GEORGE CAIN
 ROBERT WILLIAM CHASE
 WILLIAM WALTER COCHRAN, JR.
 LYLE ARNEIL COCKING
 DUANE ALLEN COORDS, High Honors
 JOHN SAMUEL COSTANZO
 ANDREW MICHAEL D'AMORE, High
 Honors
 EUGENE HERBERT DIENER, Honors
 DANIEL WILLIAM DOBBERPUHL
 MARCO AURELIO DUARTE
 LARRY EDWARD EILTS, High Honors
 LAURENCE ERMAN
 RICHARD MARK EUSTICE
 DAVID ALAN FAIRCHILD
 ALLEN RAY FRANCK, High Honors
 ELDON RAY FRANK
 JAMES HAROLD FRITZ, High Honors
 JAMES TERRENCE GANLEY, Highest
 Honors
 ANTONIO HERMES GARCIA
 PAUL MICHAEL GASPARRO
 THOMAS CURTIS GRANTHAM, Highest
 Honors
 JOHN EVON GREEN, High Honors
 ROBERT ALLAN HACKBARTH
 DONALD GARY HAMPTON
 JIMMIE HARRIS
 JOSEPH CHARLES HAYEK
 LARRY KEITH HENDEE
 THOMAS HOWARD HILLOCK

DANIEL CHING HU
 RICHARD DEAN ISENHART
 ROBERT JAMES IVERSEN, High Honors
 JOHN THOMAS JAMES
 ALLEN DANIEL JOHNSON, High Honors
 DONALD FREDERICK KAISER
 RICHARD BRUCE KARK
 JERRY ALBERT KASTNING
 GARRY DUANE KEPLEY, High Honors
 DAVID VREELAND KING
 DON ALAN KOVARIK
 JOSEPH ROBERT KRAMER, JR.
 ROBERT JAMES KREILING
 ROBERT TIEN-HUNG KU
 JAMES MATTHEW KUNZER
 JOHN ROBERT LAVIN
 JAMES MIN-DA LEE
 DONALD JOHN LENKSZUS
 THOMAS PAUL LESIEWICZ
 PHILIP CARL LIMBACHER
 THOMAS CARL LLOYD
 ROMAN CASIMIR LOPATYNSKI
 ROBERT CHARLES LOSS
 RICHARD RAYMOND LUBER
 NEIL ALAN LUCAS, High Honors
 RICHARD THEODORE LUCAS
 ROGER WILSON LUECK
 ROY GEORGE MALIK
 STEVEN JOSEPH MARTINICH
 JOSEPH MASJULIS
 LEE JAMES MCCULLOUGH
 JAMES PATRICK MCVITIE, Highest
 Honors
 HERBERT BRUCE MEINHEIT, Highest
 Honors
 THOMAS WAYNE MELTON
 WILLIAM JAMES MICHELETTI, High
 Honors
 PAUL OWEN MINEAR
 ALFRED KIN-KWOK MOY
 EDWARD YIN-CHIU MOY
 WILLIAM BENEDICT MURPHY
 NICHOLAS NEKRASEWICH
 FERNANDO ENRIQUE NIN, High Honors
 JAMES PHILLIP OAKLAND, Honors
 POLIKARPOS VASILEIOS PAPAIOANNOU
 DOUGLAS OWEN PROCTOR
 OWEN GEORGE REILLY
 JOHN NICK RERRAS
 DAVID ARTHUR RING

HOWARD ANTHONY ROBERTS
 DAVID BRUCE ROWLEY
 RAFAEL ANISIO SANABRIA
 GEORGE CHARLES SCHUMACHER, High
 Honors
 JAMES EDWARD SHALES
 HENRY GORDON SHUGARS, Highest
 Honors
 ROBERT ANTON SIEGHART
 FRANKLIN JOHN SKORSKI
 DALE KENNETH SMITH, High Honors
 LEO WILLIAM SMITH
 DAN EUGENE SNYDER, Highest Honors
 BRUCE CARL STERN
 JAMES ALLAN SWANSON
 BERNARD PAUL THIEL

JAY ROBERT TYNE
 ANTHONY SHIU-CHEUNG VAN
 RICHARD MAURICE VAN SWOL, High
 Honors
 RONALD DAVID VARNUM
 RICHARD LEE VOGENTHALER, High
 Honors
 JAY PAUL WEININGER
 ROBERT EDWARD WEST
 DAVID PAK-WAI WONG, Honors
 RICHARD ALAN YACKEL, High Honors
 DANIEL FRANCIS YETTER
 PETER PAUL YONIKAS
 MAURICE YACOUB YOUAKIM, High
 Honors
 CHARLES JAMES YOUNG

In Engineering Mechanics

BRIAN MICHAEL BATTLE
 HAROLD WILLIAM BEHNKE, JR.
 TOM EDWIN BREUER, High Honors
 RICHARD JOSEPH ENDERS
 JOHN DAVID HELFINSTINE

LOWELL PAUL IVERSON
 JAMES ALBERT JOYCE, High Honors
 THOMAS KENNETH MEAGHER
 RAY NORMAN NITZSCHE
 JOSEPH HOMER STOCKS III

In Engineering Physics

WILLIAM MICHAEL BENJAMIN
 DAVID KENT CHRISTEN, High Honors
 BARRY EUGENE COHEN
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In the Teaching of Speech

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| LOIS HARLENE FELDMAN, Honors in
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eral Arts and Sciences with High
Distinction in the Curriculum | SUSAN LOIS SCHWARTZ, Honors in Lib-
eral Arts and Sciences with Dis-
tinction in the Curriculum |
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Liberal Arts and Sciences |

In Theatre Art

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| MARY ELLEN ANDREW | NICHOLAS PETER PELLEGRINO |
| JACK RANDOLPH GELLMAN | STACEY ELIZABETH ROSS |

Degree of Bachelor of Science*In Chemical Engineering*

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ors in Liberal Arts and Sciences
with High Distinction in the Cur-
riculum | JAMES LEE MANUELL, Honors in Liberal
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lum |
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| FRANK HENRY HACKMANN | |
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| SZE-ERN KUO | |

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lum |
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tinction in the Curriculum | STANLEY TIMOTHY KOSIEWICZ, Honors
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lum | JACK ALBERT PLUCINSKI |
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eral Arts and Sciences with High-
est Distinction in the Curriculum |
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In Liberal Arts and Sciences

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 HENRY KWAI-TO YUEN
 JOHN STANLEY ZAWILA
 EARL LYNN ZEITLIN, Honors in Liberal Arts and Sciences
 DARLENE JUDITH ZIENTARSKI, Honors in Liberal Arts and Sciences with Distinction in Psychology

In Physics

- LAWRENCE STAMPER DARKEN, JR., Honors in Liberal Arts and Sciences
 PAUL GEORGE DORNBERGER
 JAMES MOORE FORKER
 JAMES JOSEPH FRANZEN, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

JAMES EDWARD HAMMERBERG, Honors
in Liberal Arts and Sciences with
Highest Distinction in the Curricu-
lum
PHILIP RUSSELL HANSON, Honors in
Liberal Arts and Sciences with
Highest Distinction in the Curricu-
lum

LAWRENCE LYNN JONES
DEAN HILL KATERND AHL
THEODORE ROBERT KELL
EDWARD ALLAN STANTON
LAWRENCE GEOFFREY SWOPE
JOSEPH C. Y. WANG, Honors in Lib-
eral Arts and Sciences with Dis-
tinction in the Curriculum

In Speech Correction

LESLIE KAREN DARNER
RUBY ANN FRANK
JUDITH NEDA LANDFIELD
MALVINA CAROL LEVY
MELODY ANNE McCORMICK

TANYA MARIE MONTALEONE, Honors in
Liberal Arts and Sciences with
Highest Distinction in the Curricu-
lum
NANCY JUDINE ROBEY, Honors in Lib-
eral Arts and Sciences
RHEA SHANES
MAXINE HATSUMI SHIZURU

In the Teaching of the Biological Sciences and General Science

RICHARD PETER ARSENTRY
RICHARD ALLEN BLAZIER, Honors in
Liberal Arts and Sciences
DIANE BARBARA DU BOIS
BARBARA JEANNE WORNOR GERRIETTS
ELDON LEROY HAAB, Honors in Liberal
Arts and Sciences

ULANA GULA HRYNEWYCH, Honors in
Liberal Arts and Sciences
ANASTASIA BARBARA LAMBESIS
LINDA SHERMAN LIPP
DOROTHEA ELEANOR RICH
CHERI LOLA SIEMERS, Honors in Liberal
Arts and Sciences with Distinction
in the Curriculum

In the Teaching of Earth Science

SUSAN ADELL HERBST

In the Teaching of Geography

MARY SUE FRIEDL

BARBARA LEE WADE

In the Teaching of Mathematics

JAYCEE WILMA ARONSON, Honors in
Liberal Arts and Sciences with Dis-
tinction in the Curriculum
SANDRA JACQUELINE CORREN, Honors in
Liberal Arts and Sciences
WANDA MARIE GEIS, Honors in Liberal
Arts and Sciences
MARY JANETTE GRAY, Honors in Lib-
eral Arts and Sciences with High
Distinction in the Curriculum
MARIANNE BERNADINE KOPYTKIEWICZ
MARGARET SUE KOTWAS
JANET RUTH LIPE, Honors in Liberal
Arts and Sciences
SANDRA LOEL MATTOON, Honors in Lib-
eral Arts and Sciences

RICHARD WESLEY MEYERS, Honors in
Liberal Arts and Sciences with
Highest Distinction in the Curricu-
lum
ELLEN ANDREA ORAVEC
MARY BETH SHAFER PAYNE, Honors in
Liberal Arts and Sciences with
Highest Distinction in the Curricu-
lum
NANCY BETH PERRY
VICTOR CHARLES PESTIEN, JR., Honors
in Liberal Arts and Sciences with
Distinction in the Curriculum
PATRICIA LYNN POHLMAN
ANNE LOUISE ROGER, Honors in Liberal
Arts and Sciences
THOMAS SARKIS ZIEMBA

COLLEGE OF LAW

Degree of Bachelor of Laws

ROBERT LEE BRYANT
WILLIAM KROPP JOHNSON
JOHN HENRY MAVILLE

THOMAS JOSEPH PENN, JR.
HAROLD LOUIS TURNER, JR.

Degree of Juris Doctor

- ROBERT MICHAEL ABEL, B.S., 1964
 DALE ALEXANDER ALLISON, JR., A.B.,
 Southern Illinois University, 1964
 WILLIAM SLATER ATLEE, B.S., 1965
 MARTIN BURTON BARANCIK, B.S., 1963
 JAMES CROXTON BARKLEY, A.B., 1965;
 Honors
 MICHAEL PATRICK BEERS, A.B., 1964
 ROBERT ALFRED BENZIGER, B.S., 1965
 CHARLES KENNETH BLOOD, JR., B.S., 1964
 JERRY DALE BOOSE, B.S., 1964
 ROBERT VICTOR BORLA, A.B., University
 of Notre Dame, 1964
 RALPH RUSSELL BOUMA, JR., A.B., Knox
 College, 1964
 JERRY LAWRENCE BRENNAN, B.S., Uni-
 versity of Missouri, 1957
 MICHAEL IRWIN BROWN, B.S., 1964
 RICHARD HERMAN BRUMMER, A.B.,
 Quincy College, 1964
 EDWARD ARTHUR BUTTS, A.B., 1965;
 Honors
 THOMAS ALAN CAPELLE, A.B., 1965
 JON GORDON CARLSON, A.B., 1965
 J. RICHARD CHILDERS, A.B., Southern
 Illinois University, 1962
 ROBERT WILLIAM COOK, A.B., 1965
 GERALD JOHN CUNICO, A.B., 1964
 JOHN OLIVER CUTRIGHT, A.B., 1964
 FREDERICK WINDLE DAMOUR, A.B., Yale
 University, 1964
 RONALD MARTIN DEHAAN, A.B., North-
 western University, 1964
 DONALD CAMERON DOBBINS, A.B., 1963
 CLYDE DANIEL EATON, B.S., Bradley
 University, 1964
 PAUL EDWARD EGAN, A.B., University
 of Notre Dame, 1964
 DONALD EUGENE ELMORE, A.B., South-
 ern Illinois University, 1964
 JON DAVID EPSTEIN, B.S., 1965
 MYRON DANIAL GABBERT, JR., A.B.,
 Bradley University, 1966
 WILLIAM LEHMAN GARRISON, A.B., 1964
 STEPHEN DONOHUE GAY, B.S., 1962;
 M.S., Illinois State University, 1964
 ROBERT HENRY GLORCH, A.B., Knox
 College, 1964
 THOMAS JOHN GORDON, A.B., 1963
 DENNIS WAYNE GORMAN, JR., A.B., 1964
 JOHN KENNETH GREANIAS, A.B., 1965
 RICHARD RAYMOND HALDEMAN, A.B.,
 1965
 RICHARD EVAN HART, A.B., 1964
 WILLIAM LAWRENCE HATCH, A.B., Han-
 over College, 1964
 DONNA REID HENDERSON, B.S., 1964
 PAUL CARTER HENDREN, A.B., 1964
 THOMAS DONALD HENSON, B.S., 1964
 FREDERICK BAYARD HOFFMANN, A.B.,
 University of Chicago, 1964
 ARTHUR JAMES INMAN, A.B., Illinois
 Wesleyan University, 1964
 TERRELL JOSEPH ISSELHARD, B.S., St.
 Joseph's College, 1964
 ROGER SHELLEY JACKSON, A.B., Univer-
 sity of Texas, 1963
 JERRY DAVID JONES, A.B., 1964
 JAMES BYRON JURGENS, B.S.B.A., North-
 western University, 1964
 LEWIS BARRY KAPLAN, A.B., University
 of Wisconsin, 1964
 DARRELL LYNN KINDRED, B.S., 1964
 WILLIAM HAROLD KNUFFEL, A.B., South-
 ern Illinois University, 1961
 FRANK JOSEPH KOPECKY, A.B., 1964
 AARON JAY KRAMER, A.B., 1964
 PHILIP EARL KUCERA, B.S., 1964
 JOHN DAVID LACKEY, A.B., 1965; Hon-
 ors
 DAVID LARO, A.B., University of Mich-
 igan, 1964
 LOREN PRESSMAR LEWIS, A.B., 1964
 MERVYN HEIMO LOYA, A.B., Monmouth
 College, 1962; M.A., Columbia Uni-
 versity, 1964
 RICHARD SCOTT LUHMAN, B.S.B.A.,
 Northwestern University, 1964
 TIMOTHY OLIVER MADIGAN, B.S., 1966
 PAMUELLA FAUSS MANN, B.S., Bradley
 University, 1962
 ROBERT EARL MANN, A.B., Wesleyan
 University, 1959
 RICHARD BARRY MAZER, A.B., 1964
 JAY LAWRENCE MILLER, A.B., Cornell
 College, 1964
 RANDALL LARRABEE MITCHELL, A.B.,
 University of Michigan, 1964
 JOSEPH MICHAEL MONAHAN, B.B.A.,
 University of Notre Dame, 1964
 DENNIS KEITH MUNCY, B.S.B.A., North-
 western University, 1964
 JOHN STEPHEN NARMONT, B.B.A., Uni-
 versity of Notre Dame, 1964
 VICTOR SYLVESTER NELSON, JR., A.B.,
 Denison University, 1964
 BERT C. NICHOLSON, A.B., Wabash Col-
 lege, 1964
 BERNARD ARTHUR PAUL, B.S., 1958
 PHILLIP ROGER PEARSON, B.S., 1964
 ROBERT JOHN PETERS, A.B., Knox Col-
 lege, 1964
 GENE ALLEN PETERSEN, B.S., 1964; Hon-
 ors
 ROBERT JOSEPH PHARES, A.B., 1965
 ROBERT DONALD PHILIPP, A.B., 1961
 ROBERT BRENT PLAGER, B.S., Northern
 Illinois University, 1962
 ROLAND FRANCIS PORTER, A.B., Univer-
 sity of Minnesota, 1961
 WILLIAM ROBERT POSTON, B.S., South-
 ern Illinois University, 1962

- GREGORY CHARLES READ, A.B., 1964
 JAMES LAWRENCE REESE, A.B., Blackburn College, 1965
 ROBERT HAMILTON RENNICK, B.S., 1964
 THOMAS JOHN REYNOLDS, B.S., Loyola University, 1960
 THEODORE ROGER RICHTER, A.B., Augustana College, 1964
 JOHN BENJAMIN ROE, A.B., Centre College, 1964
 PAUL EGON ROGE, B.S., 1964
 JAY BERNARD ROSENBLATT, B.S., University of Wisconsin, 1964
 CARL FRANK SAFANDA, A.B., Northwestern University, 1964
 ROBERT ALAN SHERWIN, A.B., University of Wisconsin, 1964
 STEPHEN STOKES SHOSTROM, A.B., MacMurray College, 1964
 THOMAS GILBERT SINGLEY, A.B., 1965
 LEN ROBERT SMALL, A.B., Stanford University, 1964
 WAYNE DURWOOD SMART, JR., A.B., Syracuse University, 1962
 ELLIOT FRANKLIN SMITH, A.B., 1965
 JAMES LEON SMITH, A.B., Millikin University, 1962
 PETER ROBERT SONDERBY, A.B., 1964
 LEE ARTHUR SPARKS, B.S., Elmhurst College, 1960
 RICHARD MICHAEL STANTON, B.S., 1964
 HERBERT CHARLES STEINMETZ, A.B., St. Joseph's College, 1964
 LENARD CHARLES SWANSON, B.S., 1963
 ALFRED CARL TISDAHL, JR., A.B., 1964
 STIRLING DUFF TOMKINS, A.B., Southern Methodist University, 1964
 JAMES MILTON TOMLIN, B.S., 1964
 JAMES ROBERT UHLIR, A.B., B.S., University of Notre Dame, 1963, 1964
 JOHN ARTHUR UNROE, A.B., 1963
 RONALD STEVEN URKOVICH, B.S., 1964
 FRANCIS RAYMOND VAN HOOREWEGHE, A.B., 1962
 LAWRENCE EDWARD VARSEK, A.B., Wisconsin State University (Eau Claire), 1964
 JACK CORNELIUS VIELEY, B.S., 1964
 DAVID MICHAEL WALTZ, A.B., 1965
 STEPHEN J. WEINSTEIN, A.B., University of Michigan, 1963
 MICHAEL BRUCE WERNER, B.S., 1964
 ROBERT EDWARD WILLIAMS, A.B., Beloit College, 1964
 KARL FREDERICK WINKLER, A.B., Dartmouth College, 1964

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In the Education of the Deaf

SUSAN JILL BERLOW
 ANITA BRUCKER FARR

LYNNE MARIE FIRSEL
 PHYLLIS MARSHA KENSHUR

In the Education of Mentally Handicapped Children

SUSAN JANE FOCKLER
 JANET RAE GRINKER, High Honors
 PEGGY JO HOHENSTEIN
 SANDRA ROSE HUBATKA
 MARALYN GALE KLEIN
 ELLEN ELAINE KRAUS

CAROLYN NEWTON
 JOAN SCHAFFNER SOHN
 CAROLE JEAN STANLEY
 MARLENE TARG
 SUZANNE BALLEW WEISS, Honors
 JOAN LANDSMAN WHITMAN

In Elementary Education

SUSAN IRENE ALPERT, Honors
 ETHEL ELIZABETH ANDERSON
 DORIS GOULD BARNETT, Honors
 ROBERTA SUE BARON
 BETTY LARABEE BEARDSLEY
 JUDITH ANN BECKER, Honors
 KATHERINE VICTORIA BECKER
 SARAH HELEN BEEKMAN
 JOY SUSAN BERKENSTADT
 SHERRI LYNN BERNIS
 MARY ANN BOTHE
 BARBARA MAE BOYSEN, Honors
 NITA RUTH BOZARTH
 MARILYN SUZANNE BUCK
 MELISSA JANE BURCH
 CHERYL LYN BUSICK
 NANCY KAY CLARY
 SUSAN AUDREY COHEN

FRANCES MARIE CROOK
 MARCIA LYNNE CUTLER
 KAREN DIETERICH
 CAROL JANE DIXON
 BARBARA SUSAN EISENBERG
 WENDY LEE ELLIOTT
 LOUISE GEORGIA ENGLAND
 SHARON MAUREEN FARLEY
 SUZANNE ROSE FISCHER
 VIRGINIA KAY FISHER
 SHARON ANNE FOERTSCH, Honors
 NANCY JEAN FRENCH, Honors
 SHARI FRESHMAN
 PATRICIA RABBE FRITTS
 PHYLLIS ELLEN FROST
 FLO ANNE FULLER, Honors
 PHYLLIS KAY GARBE
 RACHEL LOU GELFAND

PAT GOLDEN
 PATTY SUE GRANT
 FRANCES ANN GREANIAS, Honors
 CHERYL COMES GRELLE
 SUSAN MARGUERITE HAASE
 MARY LOU HABERKAMP
 ANN ELIZABETH HAINES
 LINDA RAE HAMILTON
 PATRICIA ELLEN HEFTER
 MARSHA FAYE HELLMAN, Honors
 DEBORAH HIRSCH
 SANDRA JANE HLETKO, Honors
 CONNIE BEA HOLMES, High Honors
 PAULETTE SUE ISBITZ
 ETHEL MYRA JACOBSON
 JANE TRUDY JOHNSON
 JANET ELIZABETH JOHNSON
 SUSAN PAULINE KAMIN
 SHERRY TERROL KAYE, Honors
 LADONNA JEAN KEINER
 MARIANNE KELLER
 JANIS IRENE KNUDSEN
 CATHY DIANNE KOERBER
 CHARLENE RISA KOOPERMAN
 JUDITH MARIE KUBIK, Honors
 KATHRYN ANNA KVARDA
 ALICE LORRAINE LANDGREN
 PAULETTE HONEY LAPIN
 JANET HELEN LECHOWSKI, Honors
 ROCHELLE LENORE LERNER
 DEBORAH JEAN LEWIS
 KATHRYN MARIE LINDE
 CAROL ANN LINLEY
 MARGARET MARY LUCAS
 MARGARET SUE MACKE
 JOAN MARY MAHONCHAK
 RUTH ANN MALEN, High Honors
 MICHELE LYNN MANDELL
 JANICE FAY MARKERT
 BARBARA ANN MARTIN
 NANCY ELLEN MARTIN
 KATHLEEN AVERY McCLENAHAN
 LAVONNE McDOWELL
 NANCY CATHERINE MCKINLEY
 CAROL JOAN MILLER
 SANDRA JEAN MILLER
 CAROL ANN MOELLER
 MARSHA HELENE NAIDITCH
 HAZEL FEATHER NUNN
 JEAN PIERCE NUTT, Honors
 ELAINE ELENEE PANUTSOS, High
 Honors
 LINDA LOU PAZAK
 FELICE LENORA PEARL

TOBY PELLMAN
 DIANE CAROLYN PERKINS
 MARY KATHERINE PIEPER, Honors
 SHARON JO PONDER
 DIANNE LOIS RABIN
 RUTH STUCKEMEYER RADLOFF
 RENEE ANN REESE
 JEAN ELIZABETH REMSEN
 SARAH ANN ROGERS
 MARGARET MIHM ROVELSTAD, Honors
 JUDITH ANN RUMION
 DONNA LEE SACHS
 EILEEN MIRIAM SAGER
 SHARON ANN SASS
 MICHELLE SUSAN SAVICH
 BARBARA KAY SCHMITT
 JUDY TAYMOR SCHOENBERG
 BARBARA ANN SCHULMAN
 CYNTHIA HOPE SEIFF
 ESTHER ROCHELLE SHENBERG
 GERALDINE WYNN SHIFFMAN
 ELLEN ANN SILVERMAN
 ANDREA ELLEN SIMMONS
 NANCY LOUISE SJOSTROM
 MARGARET ANNE SLACK, High Honors
 EDNA JEAN SMITH
 ANN CERNY SOUKUP
 BRENDA RUTH SPIRTAS, Honors
 GALE MERLE SPIRTAS, Honors
 KAREN MARIE SPRAGUE, Highest
 Honors
 SUELLEN M. STAHRM
 SUSAN RUTH STEIN
 CAROL ANN STEINER, Honors
 BARBARA DEAN SUSIN, Honors
 MIRIAM ANNE TEMKIN
 BARBARA ARLENE TEMPLER, Honors
 ROBIN LEE THIBODEAU
 SHEILA BURK THOMAS
 ELIZABETH CECILE THOMPSON
 LYNETTE JOAN VISTEN
 BARBARA SUSAN WALLACE
 JUDY LYNN WALLIN
 DOROTHY SANGER WARREN
 NANCY LYNN WARTELL
 PATRICIA ANN WETTAW
 NANCY JEAN WICKERSHEIM, High
 Honors
 ROBIN SHERRY WINE
 MARSHA DALE WOLF, High Honors
 LAVONNE KATHERINE WOLLER
 DIANE MAGLIUCHETTI WOLLNEY
 JUDITH ZINDELL
 JOANN SWANSON ZVONAR, High Honors

In Industrial Education

KENNETH LLOYD HEINEMANN
 RONALD DUANE JOHNSON
 KLAUS PETER KUMMER

JOHN THEODORE NEUMEISTER
 DONALD ZIRKLE SHUTTERS
 DAVID LEE WILLIAMS

In Secondary Education

SYLVIA DUBBE CROOKS
 MARY ELLEN DINGERSON

LOIS CLAIRE FUNKE
 CHARLOTTE MARIE GRUNWALD

ROBERTA SMITH HAGER, High Honors
 BETH MARIE HINTZ, Honors
 SHARI JOY JACOBSON, Honors
 JULIE BETH JOHNSON
 BECKY HOWELL KNAPEK
 LAUREN MARY LAFFERTY
 SUZANNE COPPLE LEIFER
 MICHAEL STEVE LENICH
 ROBERT CARL LIDEN
 BERNADETTE JANE LUCARZ, Honors
 JOSEPH WILLIAM MACKE

MAURYNE LESLIE MARX
 KENNETH EDWARD MCCARREY
 PATRICIA ANN MCKEE
 LAURA KATHERINE RACINE
 SUSAN MOTTER RUPNOW
 JAMES KENNETH SWOFFORD
 DORIS LARRAINE WALTON
 VERLE KEITH WESSEL
 WILLIAM HARRY WILLETT
 DARRELL ALLEN YEARWOOD
 MARY SUSAN YELVERTON

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

DENNIS CHESTER AKLINSKI
 DAVID FRANCIS ALEXANDER
 HOWARD KEITH ALTER
 MILFORD AMES ARDELL, Honors
 ROBERT JAY BACHMAN, Honors
 CHRISTOPHER BALDO
 MARY MACDONALD BATES, Honors
 VICTOR FRANKLIN BEEDERMAN
 EUGENE HOWARD BERNSTEIN, Honors
 RAYMOND CHESTER BROOKS, JR.
 MICHAEL ALLEN CAHAN
 LAWRENCE EUGENE CASE, Honors
 LOUIS JAY DAVIS, Honors
 JAMES MARTIN DUNCAN
 MARSHALL EUGENE EISENBERG
 ALAN STUART FINGER, Honors
 JARVIS HALE FRIDUSS
 KENNETH RICHARD GANGL
 LYLE STEVEN GENIN
 DONALD JOHN GERBER
 WILLIAM GEORGE GERRISII
 GEORGE NATHAN GILKERSON, JR.
 STEPHEN BARRY GOLD
 MICHAEL JAY GOLDSTEIN
 TERRY JAY GOTTLIEB
 BRIAN STEWART GRACH
 THOMAS FREDERICK GRANT
 EDWARD EVERETT GRAY
 RICHARD MICHAEL GULLANG
 FREDERICK JAMES HEISE
 ANNET MARIE HLAVNA
 MICHELLE RENEE HOLTZMAN, High
 Honors
 JAMES RUSSELL JACKSON
 JAY FRANK JEWETT
 ROBERT STEVEN JOHNSON
 JAMES WESLEY JOHNSTON
 MANFRED RICHARD JUNG
 KEITH CHARLES KAKACEK
 CAROL EILEEN KENNEDY, High
 Honors

DENIS ALAN KLEINFELD
 SHARON LEE KUNAR
 LYNN DIANE LOTKA, Honors
 CAROL ANN LUNN
 BRUCE JAY LURIE, Honors
 DENIS ANTHONY MCGRADY
 HAROLD JOSEPH MEYER, Honors
 BARRY RIXMANN MILLER, Honors
 LARRY MACK MITCHELL
 CARL BURTON MYERS III
 JAMES JOHN OGOREK, Honors
 THOMAS NEIL ORENDORFF
 WILLIAM THOMAS PAPINEAU
 DONALD FRED PASSALACQUA, Honors
 LOWELL RUSSELL PECK
 MICHAEL S. PINSKY
 ROBERT FREED RANDOLPH
 LOUIS ALAN REISMAN, Honors
 WILLIAM MICHAEL ROSE
 DENNIS JAMES SCHAEER
 THEODORE RONALD SCHMID
 JOSEPH BYRON SCHROCK
 KENNETH LEE STERLING
 WILLIAM JOSEPH STIEREN
 PAUL LEE STONE
 DAVID ALLEN TAISCH
 TERRY MARIE THOMPSON
 ROBERT VERN TINKHAM, Honors
 RICHARD CRAIG TOWNSEND
 JOHN BUDD TRUSKOWSKI, Honors
 LELAND ENOCH TRUSNER
 JOHN HENRY VAN HOESEN
 DAVID ROBERT VOGEN
 DENNIS GALE VOUMARD
 MARTIN JAY WEISS
 ROGER EDWARD WESLEY, Honors
 DAVID IAN WEST, Honors
 DONALD ROGER WILSON
 ROBERT BRIAN WOODS
 MARTIN CHARLES ZWILLING

In Commercial Teaching

CAROL LOUISE ANFINSON, Honors
 ROSE MARY COX

GENEVIEVE LOUISE GRABIEC
 MARILYN ANN KIELAS

In Economics

RICHARD HASTINGS BROWN	MARGO ALICE MILLER
ALICE KATHLEEN COOK	GEORGE HAVRE OLSEN, Honors
GORDON DONALD GORANSON	ROBERT RAY OUTIS
JON SCOTT HELMAN	WILLARD WESLEY RADELL, Jr.
ALBERT DANIEL JENSEN	ELDON ELSWORTH SENNER, High
DAVID REED KAPLAN	Honors
WILLIAM NICHOLAS KOHLINS, High	KENNETH RANDALL TOWNSEND, Jr.
Honors	MICHAEL JAMES VERTICCHIO
DIANE LYNN KOLENS	DONALD MARK WOLF
WILLIAM EATON LUFKIN	WILLIAM JEFFREY WOLF
RONALD ANDREW MADSEN, High	ALLAN LEE YUSIM
Honors	

In Finance

ROBERT JAMES AUBRY	WILLIAM DAVID KRAFT
WILLIAM WINTER AUSTIN	DOUGLAS THOMAS LANGAN
HARRY PHILIP BOSLEY	PAUL FRANCIS LAWLESS
DENNIS KEITH CASHMAN	JOHN DAVID MARKESE
WILLIAM LYELL CHANDLER III	WILLIAM DUANE MAY
GREGORY ALAN COHN	EDWARD ALLAN McLARTY
TERRY RONALD COLE	RAYMOND ROBERT PASSERI
RICHARD LAURENS DAESCHNER	LEE EDWARD PREWITT
ELMER GEORGE DICKSON, Honors	RANDALL JOHNSON SCHAEFFER
LEONARD DONOFRIO	ROBERT SILVERSTEIN
GLENN LEE FEFFERMAN	KARL WILLIAM TEEPE
DONALD HENRY FEIGE	STEVEN BRUCE THEOBALD
DONALD WAYNE FOHRMAN	TIMOTHY RAYMOND THOMAS, High
FREDRIC MICHAEL FREELAND	Honors
THOMAS ANTHONY HANNAGAN	WILLIAM THOMAS WASSON
ROBERT HENRY HARPER	PAUL ANDREW WELCH
MICHAEL LINN HARRISON	FRANK JOHN WOJTALEWICZ
EARL BURTON HOFFENBERG	ROBERT FRANKLIN WROBEL
WILLIAM CLIFFORD JACKSON	

In Industrial Administration

BRUCE ARTHUR ALLEN	DALE BARRETT KNUPPEL
EDWARD LEE COON	JAMES STEWART MIDDLETON
GARY EDWIN EICKMAN	CHARLES RUSSELL STICKELS
MICHAEL HENRY GILLMAN	PAUL DOUGLAS WENZ
JOHN GRADY KELLER	JOHN ADLER WOLF
PETER WILLIAM KIRCI	

In Management

JEFFREY WALLER BLACKMAN	MARSHALL DAVID MILLER
DANIEL HOLLAND DAILEY	ROGER LYN RENTSHLER
EDWARD ALLAN FAHRNER	STEPHEN CRAIG ROBERTS
JAMES DAVID HACKER	NANCY ANN SCHOCK
JOHN ROBERT INSKIP	HELEN STROTSHUK

In Marketing

LAWRENCE MICHAEL ADELMAN	GLADYS ANN HRUBY
DONALD EDWARD AFFLERBAUGH	ROBERT RALPH JOHANSEN
KAI GRANT EDWIN ANDERSON	JOHN RONALD JULIAN
ROBERT BAKER BATCHELDER	JOHN EDWIN KIBURZ
JOHN HAROLD BERGSTROM	BARBARA ANN LOVIG
WILLIAM RAYMOND BOSTON	PAMELA ANN MAUEL
JOHN CHARLES FERGUSON	GERALD EMMETT METTILLE
THOMAS JOSEPH FREEMAN III	BETTY GAIL MITCHELL
CHARLES EDWARD GALBREATH	JOSEPH JAMES ODERIO
DALE HAMILTON GASTON	ERIC MICHAEL PADDERUD
GERALD BAIRD GULLEY	LAWRENCE JOSEPH PASSALACQUA
DONALD GEORGE HALL	DIANA MAY REED

WILLIAM RICHARD RIVES
 RICHARD EDWARD ROWDER
 JOHN EUGENE SCHMIDT
 STEVEN SIMONS

EDWARD GEORGE SOKOLOFSKI
 MARILYN HELENE SUHAJDA
 JOHN WILLIAM TEUSCHER

In Secretarial Training

JANET HOLT BOUMA
 MARY TRAPP MARKS

CAROL MCCARTHY TONE

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Communications

BARBARA ELLEN BAKER
 ANN LOUISE BARNAS
 RICHARD OLIN BEDNAR
 LOUISE ANTOINETTE BELSSNER
 MARYLEA MARGARET BENWARE
 JOEL DAVID BIRMAN
 DON EDWARD BISSELL
 SUE BOOKER
 DIANA LYNN BOWSER
 CAROL ANN BOYD
 NANCY ADELAIDE BURNETT
 JAMES WILLIAM CADLE
 NANCY LYNNE CERF, High Honors
 WALTER NICODEMUS CHEPULIS
 JUNE FRANCES CONNELLY
 PHYLLIS ELOY S CZYZEWSKI
 DONNA PIERCE DAVIS, Honors
 LOIS JEANETTE DAVIS
 GARY EUGENE EVERHART
 KENNETH GAYLE FIELDING
 JAMES HOWARD FINERTY, Honors
 DAVID HALSTEAD FLORIO
 DENNIS ALAN FRINGS
 STEPHEN LAWRENCE GURNER
 RONALD EVERETT HAINES
 WILLIAM RUSSELL HALL
 THOMAS ARTHUR HALLMANN
 CATHERINE DEANE HILLEN
 JUDITH LEA HINRICH S
 STEVEN MICHAEL JAREO, Honors
 SALLY HAMBLETON JEFFRIES
 SUSAN JOY KEILLY
 JANET LAURAL KINDERMAN

MYRA JANE LEIPSIGER
 SUSAN CAROL LEVY
 EDWARD FRANCIS MASON
 MARY LOUISE McCULLOCH
 GEORGE EDWARD McKEOWN
 LAWRENCE RONALD MILLER
 DIANA DUPIN MONTGOMERY
 SHARRON LEA MOODY
 DENNIS RICHARD NEIMAN
 DIANE KAY NIEMEYER
 DALE GILBERT OLSON
 DEANA SUSAN PECKLER
 MARGARET MARIE PORTA
 BONNIE MAE POSS
 ROBERT KEITH PURKEY
 WANDA LEE ROBERTS
 MARILYNN RENEE RUSH, Honors
 ELIZABETH SUSAN SANDBURG
 ELIZABETH O'NAN SCHNEIDER
 CAROLINE ANNE SCOTT
 NANCY RUTH SHIELDS
 DAVID EDWARD SINGER
 LOWELL FRANCIS SMITH
 JUNE CAROL SPIRA
 JOSEPH FRANCIS STASTNY
 MICHAEL ALLEN STEINBERG
 NANCY ELLEN TOMICH, High Honors
 SUSAN ROSE TRAUB
 JOHN RANDOLPH TRIMBLE
 STEPHEN ARTHUR VINOVICH
 CAROLYN MARIE WEBER
 ROBERT JOSEPH WILKUS
 JANIS JANE ZIMMERMAN

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

DAVID EUGENE ALEXANDER
 JOHN STUART ALLEN
 RANDALL JAY BIALLAS
 JAMES JOHN BOERNER
 JAMES ROBERT BROCK
 BRIAN RUSSELL BURCH
 BRUCE EDWARD BURCH
 JOHN EDWIN CARLSON
 TIMOTHY DANIEL CENT
 GENE HARROLD CLEMENTS, Honors
 LEE ALBERT COLE, JR.
 WILLIAM EDWARD CULLEN, Honors

ARTHUR SERAFIN DACANAY
 DANIEL MARTIN DUNCAN, Honors
 STEPHEN WRIGHT DUNKLE
 JAMES JOHN FILLIUNG
 WARREN GERALD GAST, High Honors
 RONALD ALAN GOWER
 MARTIN HUNT GREENHALGH
 GERALD LELAND GUY, Highest Honors
 MICHAEL HARTMAN
 ROGER ALAN HELSER
 DONALD KENNETH HICKS
 RICHARD HENRY HOFFMAN

PAUL JOSEPH HREJSA
 THOMAS BLAINE HUGHES
 WILLIAM LINDEN HUTCHINGS
 KEITH ARTHUR JENKINS, Honors
 WILLIAM JOSEPH JOHANNES
 WAYNE MARVIN JOHNSON
 PETER GARRETT KLYNSTRA
 JOHN WESLEY KRAAI
 RAYMOND ANTHONY KUCA
 ARTHUR LUDWIG LANGE, JR.
 PAUL ALVIN LINNEY
 DANIEL FRANK MACGILVRAY, Highest
 Honors
 TONIS MANG
 DAVID ISRAEL MANGURTEN
 CLAIRE ELLEN MCKNIGHT, Honors
 ALAN LEE MELSKY
 RICHARD LOUIS MEYER
 ROGER JOHN MIRS, Honors
 DANIEL NORBERT MISKIE
 SCOTT THOMAS MITCHELL
 DOUGLAS JOHN MOSER, Honors
 KLAUS GERHARD MUELLER
 BRUCE HADLEY NEWELL
 LARRY WESTON PARKMAN

CALVIN HUNTLEY PECK, Honors
 DANIEL EDWARD REESER
 DAVID LEE RENKES, Honors
 JEROME ALLEN RITTER, Honors
 JOHN RICHARD ROBBINS
 NORMAN BRUCE SANDLER
 KEITH THOMAS SCHNEPP
 GASPER JOSEPH SCIACCA, High
 Honors
 JAMES HARVEY SEIDELMANN
 DONALD STEPHAN SELANDER
 RONALD BRUCE SHATTL, Highest
 Honors
 GLENN WALTER SHRIVER
 GARY JEAN SIDEN
 JOSEPH ORLEY SNEARLY
 RICHARD COOK SPEERS
 DAVID CALVIN SWEET
 RICHARD FRANK SZYMANSKI
 NICHOLAS VOULGARIS
 DAVID JEROME WICKERSHEIMER, High
 Honors
 ROBERT EUGENE WOODWORTH, JR.
 WILLIAM STEVEN YAW
 PAUL EUGENE YOUNG

Degree of Bachelor of Fine Arts

In Art Education

CORNELIA JEAN BABCOCK
 BARBARA JERI GROSS
 BEVERLY TANYA HOWE, Honors
 JUDITH KAY KURFMAN, High Honors
 BONNIE MARTHA MACLEAN

KAREN LOUISE MARKS
 NATALIE STAGGS ROFFEY
 MARGARET ANNE SCHULTE
 WILLIAM ANTHONY SILHAN

In Graphic Design

MARY PHOEBE BAILEY
 WILLIAM EDWARD BIDERBOST
 ROBERT FRANCIS BLAISDELL, JR.
 PETER NICK COUTROULIS
 TERRY GATECHAIR
 GAIL ORTMANN GIBBONS
 HATTIE JEAN HILLIARD
 CAROLYN AKIKO INAHARA
 LEONARD ALLAN JOHNSON
 ROBERT WILLIAM KNUTH, Honors
 JOSEPH LENDVAI

PATRICIA OLIVIA McMANAMON,
 Honors
 JAMES FRANCIS PANEBIANCO
 MAUREEN JOANNE PUSICH
 MARY KATRINA ROOZEN
 DIANE MAY SENDELBACH
 ELEANOR KASCH SMITH
 AINA MELITA SNEIDERS, Honors
 EVE PESSI SONNEMAN
 JOHN JOSEPH SOSNOWSKI, JR.

In the History of Art

KATHLEEN LUELLA COOKE
 DONALD PARKER HALLMARK, High
 Honors

DAVID JOSEPH HERNANDEZ,
 Honors
 BARBARA SUE JENTIS

In Industrial Design

JOHN LAWSON DICKINSON
 LEON C. GARCIA
 RALPH FRANK KOEBBEMAN, JR.

HOWARD JAMES KOTLICKY
 DENIS HERBERT NELSON
 WILLIAM ANTHONY SILHAN

In Landscape Architecture

DONALD VITO FIORE

In Painting

WARREN HAROLD CORRADO
 MARTHA SUSAN ELLERTSON
 LESLIE ANNE HIRSHFIELD, Honors

ELLEN ANNE HUTCHINGS, Honors
 MICHAEL RICHARD KRAINAS
 RAVAE IDEKER MARSH, Honors

MARCIA ANN MILLER
 MERIJEAN THERESE MORRISSEY
 JAY DUFFIN OLSON, High Honors
 SANDRA GATES ONCKEN
 VIRGINIA MARIE PIRNAT
 SANDRA ALICE RICHTER

WINSTON LOREN ROETH, Honors
 DUFF BRUCE SCHWENINGER, Honors
 JENNIFER LYNN SMITH
 JUDITH ROESKE SOWA
 JANET FAYE TOCKMAN, Honors
 JACK RICHARD ZITT, Honors

Degree of Bachelor of Landscape Architecture

DAVID MILES BURKHOLDER
 JAMES ARTHUR ENCK
 ALYN WALTER HESS, Honors
 DENNIS CULLEN MCGLADE, Honors

SCOTT CARSON MULLER
 LEONARD ELLIS PHILLIPS, JR.
 MONICA CHRISTA WEISE
 BRIAN MICHAEL ZIMMERMAN

Degree of Bachelor of Music

KAROL SUE GAGSTETTER
 CAROL DIANE HOLDEN, High Honors
 JULIA ELLEN HUBBARD, Honors
 KAREN RUTH MADSEN

JILL SHIRES, Highest Honors
 THOMAS DAVID SHULTZ
 CAROL LYNN TEIGLER, Honors
 CAROL SUE UMBREIT, High Honors

Degree of Bachelor of Science

In Music Education

ROBERT PAUL ASH
 SARA LYNN BAKER, Honors
 KATHRYN DROBA
 SUSAN KAISER DUNLAP
 JACQUELINE APRIL ENGEL
 JOHN FRANKLIN FENLEY, Highest
 Honors
 ANDREEN NEUKRANZ FOBBS
 STEVEN HARRIS GORDON
 BARBARA RAE GUSTAFSON
 JON ROGER HADDON, High Honors

KAREN LAURA HAFENRICHTER, High
 Honors
 ROBERT JOHN MARTIN, JR.
 JAMES RUSSELL MILLER
 THOMAS MICHAEL OLSZEWSKI
 SHIRLEY ANN PANISH, Honors
 KAREN LEE REEDER
 GARY LEE SHUMAKER
 KATHARINE WALDEN SLOCUM
 SARAH JANE SMITH
 LINDA MYERS TANNER
 SHARON LEE WILSON

Degree of Bachelor of Urban Planning

CHARLES LEWIS HARWOOD
 RICHARD DEAN MARNER
 JAMES KNOX SPORE

LAIRD DALE STARRICK
 SCOTT DOUGLAS WILSON

COLLEGE OF PHYSICAL EDUCATION

Degree of Bachelor of Arts

In Dance

JOANNE MARIE MELFI

LINDA SUE WHITEHOUSE

Degree of Bachelor of Science

In Health Education

CAROLE HUTCHESON SCHMIDT

In Physical Education

DAVID ROGER AVADEK
 LAWRENCE LOUIS BELLIS
 HENRY RICHARD BESSLER
 WILLARD MARC BORIS
 LARRY WILLIAM BOSTON, Honors
 JOHN MICHAEL BOYER
 ROBERT LELAND BROWN
 BRENDA MARGRETA CARLSON, Honors

DANIEL THOMAS COLE
 CATHERINE SUSANNE CRAWFORD
 SUSAN NOEL DENGEL, Honors
 BARBARA ELIZABETH EVANS, Honors
 NANCY SUE FELTS
 FRANCES MARSHA FIELDS, Honors
 RICHARD CHARLES FLOREY
 ROBERTA LYNN GARRET

WILLARD EUGENE GROTH, JR.
 RONALD EDWARD GUENTHER
 WILBUR ALAN GWIASDA
 LARRY EUGENE HALL
 JOHN WILLIAM HALLEY, JR.
 BRUCE ALLEN HANEY
 STEVE NARUO HARADA
 DANNY PHILLIP JEFFERY
 STANLEY WILBUR KING
 THOMAS BERNARD LEONARD
 KEITH ALLAN LEONI
 FLORENCE DEE LOIBEN, Honors
 JAMES WILSON MACINTYRE
 LAWRENCE ROGER MILAM
 JEROME EDWARD MILISZKIEWICZ
 CATHERINE MARIE MILITELLO

CRAIG NICHOLAS MOLITOR, Honors
 STEVEN BARRY NASATIR
 SUSAN ANN NEWHARD, High Honors
 JO ANN PLATTER
 STEVEN JOHN PORTERFIELD
 JOHN WILLIAM QUERFELD
 JACQUELINE LEE RAWA
 JAMES LEE REED
 PAUL ARTHUR REINKING
 SHERRILL LYNN RIGGINS
 AUDREY JEAN ROKKE, Honors
 EDWARD JOHN STEELE
 GERALD FRANCIS SZUKALA
 STEPHEN ROBERT WAPON
 CRAIG EVAN WATSON, High Honors
 JANICE ARLENE WEEDEN, High Honors

In Recreation

JOAN POSTEL BRASWELL
 JOANN OHLER CHVATAL
 RONALD GREENBERG
 BARBARA JOAN ISOME, Honors
 ALICE ANN JEPSON
 SUE ANNE LARSON

JUDITH ANNE LEE
 SUZANNE MARIE OLSON
 MARJORIE ELAINE SONS
 VICTORIA ANN TENNES
 STEVEN CRAIG WOHLWEND

In the Teaching of Dance

VINETA RENATE REICHS, Honors

COLLEGE OF VETERINARY MEDICINE

Degree of Bachelor of Science

In Veterinary Medicine

BRIAN ELMER ALBERS
 HERBERT LEE AMYX
 MARTIN DAVID AVOLT
 LARRY DALE BAKER
 MELVIN WALKER BALK
 DWIGHT LEE BECKER
 WILLIAM PAUL BISCHOFF
 CHARLES RAYMOND BOYCE
 ROBERT VICTOR BOYER
 DANIEL PATRICK BOYLE
 PAUL BROMBERG
 WALTER BRUNO, Honors
 DAVID NICHOLAS BUSSAN
 RICHARD EDSON CALHOUN
 ROBERT EARL CARLSON
 LAUREN EDWIN DUNAWAY, Honors
 EDWARD C. FLEISCHLI, JR.
 JOSEPH MICHAEL FROST
 LEIGH GARY GASS
 PAUL MICHAEL GOLDMAN
 RICHARD PAUL GREEN
 BERNARD HARVEY HABERMAN
 STEVEN PHILIP HADAWAY
 WALTER CURT HAGELE
 LARRY ROSS HEDRICK
 JAYNE SUMMERS HOAGLAND
 ROY GORDON HUBERT
 JAMES LOUIS JOHNSON
 PAULA STEEN JOHNSON

ROGER ALLAN JOHNSON
 BRIAN WALTON JONES
 MARC DAVID KANTROWITZ
 ARTHUR DANIEL KING
 PHILIP STEPHEN LARUSSA
 STEVEN JON LEGEL
 JANE GOIN LEHR
 FRANCIS EUGENE LYNCH
 PAUL DAVID MARTIN
 RICHARD ALLEN MCMULLEN, Jr., High
 Honors
 GLENN ELDON McNARY
 TERRY DEAN MESSAMORE
 BERNHARDT ALLEN MEYER
 STEVEN NUSBAUM
 RAYMOND GEORGE PRATA
 ADAM ANTHONY PRYMULA
 SUSAN ELIZABETH REDMAN
 LAURENCE WILCOX REED
 RICHARD JAY ROSSMAN
 JIM ALLEN RUPNOW
 GARY LLOYD SALISBURY
 JAMES KEMBER SANDERS
 JOHN PAUL SEPESI
 LLOYD MARVIN SHAW
 JAMES LOUIS SPICER
 DENNIS ANTHONY STACHMUS
 JAMES MONROE STEVENSON IV
 STEVEN GABRIEL STOLL

GARY LOUIS SWINGER
DONALD LEE TURSMAN
ROBERT IRWIN VALENTINE, JR.
MICHAEL STANLEY NOBLE WALTERS
WILLARD LEE WILKE

WALTER DENNIS WILKEY
BRUCE ALEXANDER WILLIAMS
CLIFFORD BENJAMIN ZIEGENHORN, JR.
MARTIN VICTOR ZIPKIN

Degree of Doctor of Veterinary Medicine

EMMANUEL NNEBEDUMCUKWU AGWUNA
KENNETH WILLIAM ALBRECHT
FRANK WILLIAM ARNOLD
JOSEPH RAYMOND BARBATTI
JAMES ANDREW BATES
FREDERICK DEAN BIRZELE
LARRY ARTHUR BORG
RICHARD HARRIS BUBAR
RALPH MILFORD BUNTE
THOMAS HAROLD CLIMER, JR.
RAYMOND HAROLD CYPRESS
KATHLEEN MICHELE IUPPA DOUGAN
KENNETH EVERTS DOUGAN, JR.
THOMAS DAVID EARLEY
CRAIG ALBERT FISCHER
RALPH RUDOLF FRERICHS
FRED ELLIS GOLDENSON
MARIE ANN GOULDEN
ROBERT LEROY HATCH
WILLIAM JAMES HAVLIK
DANIEL JAMES HENNESSY
CLINTON RAYMOND HILLS
GARY LEE HOLLEWELL
EDWARD ARTHUR HOOVER, Honors
JOHN THOMAS HOYME

DONALD LOUIS HUCKSTADT
DONALD JOSEPH IMGRUND
CLIFFORD ALLEN KRUGER
JOSEPH PAUL KUNZER
DAVID ERIC LASHLEY
LARRY LEE LOOP
JAMES ROBERT MCVICKER
JOLENE NAGAKURA
CLARENCE ALVIN RAWLINGS
GEORGE EDWARD RICHARDS, JR.
WESLEY IRVIN ROBINSON
DAVID EUGENE ROFFEY
ROBERT ALAN ROSEN
DAVID AVROM SAIDEL
ROBERT ALLEN SCHAFER
ROBERT JAY SCHECHTER
BETTY WIDEBURG SCHILKE, Honors
JAMES JOSEPH SOUKUP
DONALD WARREN SPENCER, High
Honors
EDWIN OSCAR SULLIVAN
ROGER DEAN SWEARINGEN
HAROLD WARD WATTERS
ROBERT CLARK WHITNEY, Honors

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; cancellations, declinations, and resignations; leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was approved by the President of the University. C = College; S = Station; E = Extension.)

Chicago Circle

MRS. JERALDINE W. BYRNE, Assistant Bibliographer, with rank of Instructor, in the Library, \$7,600 a year, effective May 1, 1967, supersedes (5-17-67).
VERE CHAPPELL, Visiting Associate Professor of Philosophy, $\frac{2}{400}$ time, spring quarter 1966-67, \$1,200 (5-5-67).
MRS. EDNA S. EPSTEIN, Instructor in French, academic year 1967-68, \$8,700 (4-21-67).
BARRY GROSS, Visiting Lecturer in Philosophy, summer quarter of 1967, $\frac{1}{3}$ time, \$900 (4-28-67).
CHIU FAN LIU, Associate Professor of Chemistry, 9 per cent time, winter and spring quarters 1966-67, \$1,000 a year, and Associate Professor of Chemistry on indefinite tenure from September 1, 1967, supersedes (3-17-67).
JOEL A. MICHAEL, Assistant Professor of Bioengineering, Department of Information Engineering, academic year 1967-68, without salary (4-21-67).
ROWLAND RATHBUN, Associate Professor of Architecture and Assistant Dean of the College of Architecture and Art, two months from June 16, 1967, \$2,556 (4-18-67).
MICHAEL A. RUDICK, Instructor in English, summer quarter 1967, $\frac{2}{3}$ time, \$1,450, supersedes previous summer quarter appointment on $\frac{1}{3}$ time (4-28-67).

- ALBERT SOGLIN, Instructor in Mathematics, summer quarter 1967, $\frac{5}{12}$ time, \$917, supersedes previous summer quarter appointment on $\frac{5}{6}$ time (5-19-67).
 FRED R. TRAVIS, Lecturer in Management, College of Business Administration, $\frac{7}{100}$ time, spring quarter 1966-67, \$2,500 (4-13-67).
 JAMES J. VANECKO, Instructor in Sociology, $\frac{1}{3}$ time, spring quarter 1966-67, \$900 (4-21-67).
 ARTHUR WEINTRAUB, Instructor in Philosophy, academic year 1967-68, \$9,500 (4-3-67).
 MRS. BARBARA WOOD, Assistant Professor in the Department of Speech and Theatre, summer quarter 1967, \$2,900 (5-17-67).

Medical Center

- MRS. JEANNE B. ANGRES, Instructor in Occupational Therapy, School of Associated Medical Sciences, College of Medicine, four months from May 1, 1967, \$8,000 a year (5-11-67).
 BERTRAM W. CARNOW, Assistant Professor of Preventive Medicine and Community Health, College of Medicine, $\frac{1}{2}$ time, three months from June 1, 1967, \$8,500 a year, supersedes his nonsalaried appointment (3-17-67).
 JORGE O. GALANTE, Assistant Professor of Orthopaedic Surgery, College of Medicine, $\frac{9}{10}$ time, four months from May 1, 1967, \$16,000 a year (5-17-67).
 MRS. PENNY E. GANG, Staff Pharmacist in the Department of Pharmacy, College of Pharmacy, four months from May 1, 1967, \$9,000 a year, supersedes (4-13-67).
 ALOIS R. HASTREITER, Associate Professor of Pediatrics, College of Medicine, indefinite tenure from September 1, 1967, \$24,500 a year (4-22-67).
 PAUL HELLER, Professor of Medicine, College of Medicine, $\frac{1}{3}$ time, March 16-August 31, 1967, \$4,600 a year, supersedes his nonsalaried appointment (5-8-67).
 OLGA JONASSON, Assistant Professor of Surgery, College of Medicine, five months from April 1, 1967, \$15,000 a year, supersedes her nonsalaried appointment (4-24-67).
 SHELDON M. KAHN, Assistant Professor of Medicine, College of Medicine, $\frac{7}{10}$ time, six months from March 1, 1967, \$1,075 a year, supersedes (4-21-67).
 GUSTAVO A. LAGE, Clinical Assistant Professor of Psychiatry, College of Medicine, $\frac{1}{4}$ time, six months from March 1, 1967, \$3,000 a year, supersedes his nonsalaried appointment (3-22-67).
 MIHAILO A. MARKOVIC, Assistant Professor of Radiology, College of Dentistry, five months from April 1, 1967, \$10,000 a year (4-26-67).
 STUART S. ROBERTS, Associate Professor of Surgery, College of Medicine, \$22,200 a year effective March 1, 1967, supersedes (3-3-67).
 JACK STEVENS, Clinical Assistant Professor of Orthopaedic Surgery, and Co-Director, Graduate Training Grant in the Department of Orthopaedic Surgery, College of Medicine, $\frac{3}{10}$ time, five months from February 1, 1967, \$6,000 a year, supersedes his nonsalaried appointment (5-4-67).
 MICHAEL H. STOLAR, Staff Pharmacist, College of Pharmacy, March 13-August 31, 1967, \$9,500 a year (4-18-67).
 TADASHI WATABE, Research Associate in Pharmacology, College of Medicine, for six months from March 1, 1967, \$6,600 a year (3-27-67).
 MRS. JANET W. WHITMAN, Instructor in Nursing, April 17-August 31, 1967, \$6,700 a year (4-28-67).
 JACK S. WINBERG, Psychiatric Consultant in the Health Service, $\frac{1}{3}$ time, April 16-August 31, 1967, \$4,000 a year (5-11-67).

Urbana

- RICHARD C. ANDERSON, Associate Professor of Educational Psychology, Summer Session of 1967, $\frac{1}{2}$ time, June 19-August 12, 1967, \$1,695 (5-11-67).
 HAROLD E. BALBACH, Visiting Lecturer in Botany, Summer Session of 1967, June 19-August 12, 1967, \$2,080 (5-17-67).
 PAUL E. BARRETTE, Associate Professor of French, Summer Session of 1967, June 19-August 12, 1967, \$2,334, supersedes previous summer session appointment on $\frac{1}{2}$ time (4-26-67).
 JAMES H. BARTLETT, Professor of Physics (C), three months from June 1, 1967, \$1,956 a month (4-24-67).

- WILLIAM K. BERTRAM, Research Associate in Physics (C), seven months from February 1, 1967, \$9,600 a year, supersedes (2-20-67).
- DOYLE W. BISHOP, Assistant Professor of Recreation and Municipal Park Administration, College of Physical Education, and Assistant Professor of Psychology, College of Liberal Arts and Sciences, academic year service basis effective April 1, 1967, \$9,000 a year, supersedes (4-21-67); and Assistant Professor in the Department of Recreation and Municipal Park Administration, Summer Session of 1967, June 19-August 12, 1967, \$2,000 (4-21-67).
- HOWARD A. BLACKSTEAD, Research Associate in Physics (C), one year from September 1, 1967, \$9,000 (5-4-67).
- LESTER V. BOONE, Associate Agronomist, Department of Agronomy (S and E), two months from July 1, 1967, \$10,500 a year (5-22-67).
- MARIA E. BRAVO, Instructor in Spanish, academic year 1967-68, \$7,500 (4-21-67).
- WILLIAM G. BRETZLAFF, Assistant Agronomist, Department of Agronomy (S), June 10-August 31, 1967, \$8,500 a year (5-22-67).
- JAMES J. BURTON, Research Associate in Physics and in the Materials Research Laboratory, one year from September 1, 1967, \$9,000 (4-21-67).
- PAULINE E. CHANGNON, Professor of Secondary and Continuing Education, in the University High School, September 16, 1966-June 15, 1967, \$11,000, supersedes (4-26-67).
- STEWART COHEN, Assistant Professor of Educational Psychology, Summer Session of 1967, June 19-August 12, 1967, \$2,112 (5-11-67).
- RICHARD J. COLWELL, Associate Professor of Music, Summer Session of 1967, ½ time, June 19-August 12, 1967, \$1,038 (5-4-67).
- KENNETH R. CONKLIN, Instructor in the Department of History and Philosophy of Education, Summer Session of 1967, June 19-August 12, 1967, \$1,556 (5-5-67).
- MRS. LELA B. COSTIN, Associate Professor in the Jane Addams Graduate School of Social Work, one month from July 1, 1967, \$1,127.77, in addition to her present appointment (5-11-67).
- ERIC L. DALHEIM, Assistant Professor of Music, Summer Session of 1967, June 19-August 12, 1967, \$1,734 (5-17-67).
- PAUL A. DANNER, Instructor in General Engineering (C), academic year 1967-68, \$8,600 (5-18-67).
- FRANCES M. DAY, Instructor in Mathematics, Summer Session of 1967, June 19-August 12, 1967, \$1,867 (5-17-67).
- JOSEPH C. F. DEPEW, Extension Specialist, Resident Director of Allerton House and Hott Memorial Center, in the Division of University Extension, one year from September 1, 1967, \$11,240; for the convenience of the University he and his family will be furnished room and board (4-25-67).
- EDWARD C. DIMOCK, JR., Visiting Lecturer in the Program in South Asian Studies, Summer Session of 1967, ¾ time, June 20-August 25, 1967, \$1,050, supersedes previous summer session appointment on full time (4-21-67).
- RONALD DOCTOR, Instructor in Educational Psychology, Summer Session of 1967, ½ time, June 19-August 12, 1967, \$778 (5-5-67).
- KIAN SENG DY, Research Associate in Physics and in the Materials Research Laboratory (C), one year from September 1, 1967, \$9,000 (4-21-67).
- JAMES E. FAGAN, Instructor in Art, Summer Session of 1967, June 19-August 12, 1967, \$1,556 (4-4-67).
- ARTHUR J. FALLS, Assistant Director for Undergraduate Scholarship Program, Admissions and Records Office, \$9,500 a year, effective June 1, 1967, supersedes (5-15-67).
- JOHN Z. FLEMING, Music Library Assistant, with rank of Instructor, in the Library, one year from September 1, 1967, \$7,100 (5-4-67).
- SVEN-ÅKE FRENNESSON, Research Associate in Chemistry, for three months from June 1, 1967 (4-17-67), and for nine months from September 1, 1967 (4-21-67), \$8,000 a year.
- HARVEY M. GELDER, Visiting Associate Professor of Education, in the Curriculum Laboratory-UICSM Project, College of Education, one year from September 1, 1967, \$15,250 (5-5-67).
- PATRICK J. G. GRANT, Visiting Assistant Professor of English, Summer Session of 1967, ½ time, June 19-August 12, 1967, \$978 (5-15-67).
- LEE G. GREBNER, Visiting Lecturer in Educational Administration and Supervision, Summer Session of 1967, June 19-August 12, 1967, \$3,000 (5-17-67).

- JOSEPH F. GREEN, Assistant to Director of Physical Plant, May 22-August 31, 1967, \$17,000 a year (5-19-67).
- RALPH E. GRIM, Research Professor of Geology, academic year 1966-67, \$19,500, supersedes (5-8-67).
- JOSEPH R. GUSFIELD, Professor of Sociology, in the Institute of Labor and Industrial Relations, two months from June 16, 1967, \$4,623 (5-18-67).
- CHARLES B. HAGAN, Professor of Political Science, nine months from September 16, 1967, \$17,000, supersedes (5-11-67).
- ARTHUR F. HAGNER, Professor of Geology, Summer Session of 1967, August 16-August 31, 1967, \$900 (4-21-67).
- RAYMOND HANFT, Research Associate in Physics (C), four months from May 1, 1967, \$8,500 a year; and for one year from September 1, 1967, \$8,500 (5-17-67).
- HAROLD W. HANNAH, Professor of Agricultural Law, Department of Agricultural Economics (C and S), one month from July 16, 1967, \$2,066.67, additional appointment (5-5-67).
- CHARLES D. HENDRICKS, Professor of Nuclear Engineering, Summer Session of 1967, $\frac{3}{10}$ time, June 19-August 12, 1967, \$1,047 (5-11-67).
- WILFRIED B. HOLZAPFEL, Research Associate in Physics and in the Materials Research Laboratory (C), one year from September 1, 1967, \$9,000 (2-20-67).
- ROY C. HOSTETTER, Instructor in Educational Psychology, Summer Session of 1967, $\frac{1}{2}$ time, June 19-August 12, 1967, \$778 (5-5-67).
- THEODORE HYMOWITZ, Agronomist at the Uttar Pradesh Agricultural University, Pant Nagar, India, for service under Contract No. AID/nesa-150, six months from May 1, 1967, \$14,300 a year, supersedes (5-15-67).
- J. TERRY IVERSEN, Academic Coordinator, University Extension, 79 per cent time, \$9,950, and Instructor in Political Science, 21 per cent time, \$2,550, one year from September 1, 1967, total salary \$12,500 (4-25-67).
- KENNETH JAEGER, Specialist in Education, in the Curriculum Laboratory, six weeks from July 3, 1967, \$1,415 (4-24-67).
- ERWIN V. JOHANNINGMEIER, Instructor in the Department of History and Philosophy of Education, Summer Session of 1967, $\frac{1}{2}$ time, June 19-August 12, 1967, \$778 (5-5-67).
- BERNARD R. JOHNSON, Research Associate in Chemistry, four months from May 1, 1967, \$6,600 a year (5-4-67).
- PATRICIA V. JOHNSTON, Visiting Assistant Professor of Food Science (S), two months from July 1, 1967, \$1,666.66 (4-28-67).
- J. ROBERT KELLY, Professor of Music, Summer Session of 1967, June 19-August 12, 1967, \$2,934, supersedes previous summer session appointment on $\frac{1}{2}$ time (5-17-67).
- JOHN D. KIEFER, Instructor in Geology, Summer Session of 1967, June 19-August 12, 1967, \$1,734 (4-7-67).
- PHILIP KINSEY, Visiting Lecturer in the Department of Chemistry and Chemical Engineering, Summer Session of 1967, June 19-August 12, 1967, \$3,000 (5-11-67).
- FRANK L. KOUCKY, Visiting Lecturer in Geology, Summer Session of 1967, June 19-August 12, 1967, \$2,600 (4-17-67).
- ASHOK KUMAR, Research Associate in Botany, April 21-August 31, 1967, \$6,700 a year (5-4-67).
- SHUNG-WU LEE, Assistant Professor of Electrical Engineering (C), change from twelve months' service to academic year service effective Semester II 1966-67, \$9,650 a year, supersedes (4-28-67).
- MICHAEL LEWIS, Assistant Professor of Sociology, Semester II 1966-67, \$8,700 a year, and in the Institute for Research on Exceptional Children, without salary, supersedes (3-2-67).
- JOSEPH L. LOVE, JR., Assistant Professor of History and in Latin-American Studies, effective Semester II 1966-67, \$8,800 a year, supersedes (4-21-67).
- GEORGE A. LOWREY, JR., Instructor and Assistant Chief of Field Service in Recreation and Municipal Park Administration, College of Physical Education, three months from June 1, 1967, \$3,500 (4-10-67).
- WILLIAM H. LUCKMANN, Consultant on Research at the Jawaharlal Nehru Agricultural University, Jabalpur, M. P., India, for service under Contract No. USAID/nesa-149, May 9-June 30, 1967, \$20,460 a year; and Professor of Agricultural Entomology, in the Agricultural Experiment Station, $\frac{1}{10}$ time, for two months from July 1, 1967, \$3,420 a year, supersedes (5-10-67).

- MARTIN L. MAEHR, Associate Professor of Educational Psychology, Summer Session of 1967, June 19-August 12, 1967, \$2,778 (5-11-67).
- G. WARREN MARKS, Instructor in Civil Engineering (C), two and one-half months from June 16, 1967, \$2,166.68 (5-1-67).
- ANNA J. MARTIN, Research Associate in Physics (C), $\frac{1}{2}$ time, one year from September 1, 1967, \$4,500 (5-4-67).
- THOMAS P. MARTIN, Research Associate in Physics (C), three months from June 1, 1967, \$750 a month (5-17-67).
- MRS. VIVIAN V. MASTERS, Visiting Lecturer in Secondary and Continuing Education, Summer Session of 1967, July 17-August 12, 1967, \$1,200 (5-11-67).
- ANDREW A. MAY, JR., Specialist in Education, in the Curriculum Laboratory, six weeks from July 3, 1967, \$1,345 (4-24-67).
- JOHN W. METZGER, Associate Legal Counsel, April 21-August 31, 1967, \$19,500 a year (5-5-67).
- GEORGE H. MILEY, Associate Professor of Nuclear Engineering, Summer Session of 1967, $\frac{3}{4}$ time, June 19-August 12, 1967, \$2,067, supersedes previous summer session appointment on $\frac{7}{10}$ time (5-11-67).
- DALE E. MILLIS, Associate Agronomist, Department of Agronomy (S and E), two months from July 1, 1967, \$9,500 a year (3-31-67).
- JEAN-ALEX E. MOLINA, Assistant Professor of Soil Microbiology, Department of Agronomy (S), two months from July 1, 1967, \$11,000 a year (5-18-67).
- DERRELD L. MULVANEY, Associate Agronomist, Department of Agronomy (S and E), two months from July 1, 1967, \$9,500 a year (3-31-67).
- ROLF MUUSS, Visiting Lecturer in Educational Psychology, Summer Session of 1967, June 19-August 12, 1967, \$1,500 (5-11-67).
- JOHN N. PAPPADAMOS, Associate Professor of Physics, Summer Session of 1967, June 19-August 12, 1967, \$2,834 (4-26-67).
- WILLIAM J. PENNY, Instructor in Physical Education for Men, $\frac{3}{4}$ time, two months from June 16, 1967, \$1,291.66 (5-5-67), and in the Summer Session of 1967, $\frac{1}{4}$ time, June 19-August 12, 1967, \$432, supersedes previous summer session appointment on $\frac{2}{5}$ time (5-17-67).
- ARYE PERLBERG, Visiting Associate Professor of Educational Psychology, Summer Session of 1967, June 19-August 12, 1967, \$2,578 (5-11-67).
- ALAN J. PESHKIN, Associate Professor in the Department of History and Philosophy of Education, Summer Session of 1967, June 19-August 12, 1967, \$2,445 (5-4-67).
- GOODWIN G. PETERSEN, Instructor in General Engineering (C), $\frac{1}{2}$ time, Semester II 1966-67, \$1,750, supersedes (2-24-67).
- EARL G. PLANTY, Professor of Industrial Administration, College of Commerce and Business Administration, nine months from September 16, 1966, \$16,000, supersedes (4-22-67).
- PETER J. PONZO, Visiting Research Associate Professor in the Coordinated Science Laboratory (C), two months from May 8, 1967, \$2,900 (5-22-67).
- RUSSELL O. PUGH, Visiting Lecturer in Music, Summer Session of 1967, $\frac{1}{3}$ time, June 19-August 12, 1967, \$750 (4-21-67).
- NUGGEHALI NARAYANA RAGHUVIR, Research Associate in Physiology, June 16-August 31, 1967, \$1,937.50 (4-21-67).
- MRS. CHARLENE RENNER, Cataloger, with rank of Instructor, in the Library, $\frac{1}{2}$ time, June 12-August 31, 1967, \$3,575 a year (5-17-67).
- JOYCE M. ROSENFELD, Instructor in Music, academic year 1967-68, \$8,000 (4-21-67).
- VIRGINIA SATTERFIELD, Visiting Lecturer in the Graduate School of Library Science, Summer Session of 1967, June 19-August 12, 1967, \$2,400 (4-17-67).
- MRS. ANITA R. SCHILLER, Research Associate in the Library Research Center, Graduate School of Library Science, four months from May 1, 1967, \$8,800 a year, supersedes (4-28-67).
- LEONARD SCHLESSINGER, Research Associate in Physics (C), one year from September 1, 1967, \$9,000 (4-17-67).
- STANLEY L. SHINALL, Assistant Professor of French, Summer Session of 1967, June 19-August 12, 1967, \$1,867, supersedes previous summer session appointment on $\frac{1}{2}$ time (4-26-67).
- DAN T. SPIRA, Research Associate in Zoology, two months from July 1, 1967, \$13,000 a year (5-4-67).

- WILLIAM E. STALLMAN, Assistant Director of Central Office on the Use of Space, $\frac{1}{2}$ time, two months from June 16, 1967, \$784.18 (4-19-67).
- STANLEY G. STOLPE, Associate Professor of Physiology, Summer Session of 1967, June 19-August 12, 1967, \$2,489 (5-4-67).
- MRS. GRACE C. SWANSON, Editor of Engineering Publications (C), one year from September 1, 1966, \$6,800 (5-11-67).
- LUDWIG TEWORDT, Visiting Research Professor of Physics and in the Materials Research Laboratory (C), six months from September 1, 1967, \$12,000 (4-18-67).
- ROBERT E. THOMAS, Associate Professor of Music, Summer Session of 1967, July 17-August 12, 1967, \$1,239, supersedes (5-17-67).
- JOSEPH W. THOMSON, Visiting Lecturer in Educational Psychology, Summer Session of 1967, $\frac{1}{2}$ time, June 19-August 12, 1967, \$900 (5-5-67).
- CAROL A. VOGEL, Visiting Lecturer in the Graduate School of Library Science, Summer Session of 1967, June 19-August 12, 1967, \$2,200 (4-26-67).
- FRIEDHELM WALDHAUSEN, Research Associate in Mathematics, four months from May 1, 1967, \$3,600 (5-27-67).
- MRS. EUNICE R. WALKER, Visiting Lecturer in the Graduate School of Library Science, Summer Session of 1967, June 19-August 12, 1967, \$2,200 (4-17-67).
- WILLIAM M. WALKER, Consultant-Statistical Analysis for service under Contract No. USAID/Afr-293 for service overseas, from April 24 through June 23, 1967, \$14,740 a year, and from June 24 through August 23, 1967, \$13,400 a year; and Assistant Professor of Biometry and Data Processing, in the Department of Agronomy, College of Agriculture and Agricultural Experiment Station, from August 24 through August 31, 1967, \$13,400 a year, supersedes (4-12-67).
- BRENT M. WEDDING, Visiting Lecturer in Physics, Summer Session of 1967, June 19-August 12, 1967, \$1,700 (4-26-67).
- TERRY L. WEECH, Research Associate in the Library Research Center, in the Graduate School of Library Science, July 1, 1967-August 31, 1968, \$8,600 a year (5-4-67).
- ROBERT E. WEIGAND, Visiting Associate Professor in the Graduate School of Business Administration, College of Commerce and Business Administration, $\frac{1}{2}$ time, February 1-June 15, 1967, \$3,750 (5-5-67).
- WOODROW W. WYATT, Visiting Lecturer in Educational Psychology, Summer Session of 1967, June 19-August 12, 1967, \$3,800 (5-11-67).
- MARVIN E. WYMAN, Professor of Nuclear Engineering, Summer Session of 1967, $\frac{45}{100}$ time, June 19-August 12, 1967, \$2,021, supersedes previous summer session appointment on $\frac{1}{2}$ time (5-11-67).

CANCELLATIONS, DECLINATIONS, AND RESIGNATIONS

Chicago Circle

- CAROLYN R. BURKE, Instructor in English, summer quarter of 1967 — declination effective June 16, 1967.
- RICHARD A. CARHART, Assistant Professor of Physics, summer quarter of 1967 — declination effective June 16, 1967.
- MRS. JANICE CREWS, Instructor in Speech, summer quarter of 1967 — cancellation effective June 16, 1967.
- ROGER DOMINOWSKI, Assistant Professor of Psychology, summer quarter of 1967 — declination effective June 16, 1967.
- JAMES M. DOYLE, Assistant Professor of Engineering Mechanics, in the Department of Materials Engineering, summer quarter of 1967 — declination effective June 16, 1967.
- ROBERT F. T. DUGAN, Instructor in German, summer quarter of 1967 — declination effective June 16, 1967.
- HOWARD GOLDBERG, Assistant Professor of Physics, summer quarter of 1967 — declination effective June 16, 1967.
- JORDAN V. HODGSON, Instructor in German — resignation effective September 1, 1967.
- ZIA-E- KHURSHEED, Instructor in Mathematics, summer quarter of 1967 — cancellation effective June 16, 1967.

- VINCENT LOUTHAN, Instructor in English, summer quarter of 1967 — declination effective June 16, 1967.
- ROBERT W. MAJOR, Instructor in English — resignation effective September 1, 1967.
- SEYMOUR MARGULIES, Assistant Professor of Physics, summer quarter of 1967 — declination effective June 16, 1967.
- MILTON C. MAYES, Assistant Reference Librarian with rank of Instructor — resignation effective July 1, 1967.
- DONALD W. MCLEOD, Assistant Professor of Physics, summer quarter of 1967 — declination effective June 16, 1967.
- WILLIAM J. OTTING, Associate Professor of Physics, summer quarter of 1967 — declination effective June 16, 1967.
- JOSEPH P. PISCOTTE, Assistant Professor of Political Science — resignation effective September 1, 1967.
- FRAZER G. POOLE, Professor of Library Administration and Director of the Library — resignation effective May 20, 1967.
- ALEXANDER J. ROSEN, Assistant Professor of Psychology, summer quarter of 1967 — declination effective June 16, 1967.
- ALBERT B. SCHULTZ, Associate Professor of Mechanical Engineering, in the Department of Materials Engineering, summer quarter of 1967 — declination effective June 16, 1967.
- HAROLD A. SIMON, Associate Professor of Heat Transfer, in the Department of Energy Engineering, summer quarter of 1967 — declination effective June 16, 1967.
- JULIUS SOLOMON, Assistant Professor of Physics, summer quarter of 1967 — declination effective June 16, 1967.
- THEODORE J. SPAHN, Bibliographer, with rank of Assistant Professor, in the Library — resignation effective August 1, 1967.
- DAVID VEZZETTI, Assistant Professor of Physics, summer quarter of 1967 — declination effective June 16, 1967.
- JOHN R. WEBSTER, Instructor in Physical Education for Men — resignation effective September 1, 1967.
- SAMUEL A. WEISS, Associate Professor of English, summer quarter of 1967 — declination effective June 16, 1967.

Medical Center

- CHARLES L. BELL, Associate Professor of Chemistry, College of Pharmacy, Summer Session of 1967 — declination effective July 26, 1967.
- DANUTA BUZDYGAN, Instructor in Pediatrics, College of Medicine, in the Division of Services for Crippled Children and in the Cleft Palate Center — resignation effective May 16, 1967.
- CAROLYN L. FELLHEIMER, Instructor in Medical Social Work, College of Medicine — resignation effective July 8, 1967.
- MRS. AURORA P. JACKSON, Instructor in Medical Social Work, College of Medicine — resignation effective June 30, 1967.
- STUART S. ROBERTS, Associate Professor of Surgery, College of Medicine — resignation effective May 1, 1967.
- ROBERT J. RYAN, Associate Professor of Medicine, College of Medicine — resignation effective September 1, 1967.
- MRS. LYNNE D. SCHECHTER, Instructor in Medical Social Work, College of Medicine — resignation effective June 2, 1967.
- ROBERT L. TYROLER, Research Associate in the Graduate College at the Medical Center — resignation effective September 1, 1967.
- THOMAS R. WATSON, Associate Professor of Chemistry, College of Pharmacy, Summer Session of 1967 — declination effective June 19, 1967.

Urbana

- WILLIAM G. ALBRIGHT, Associate Professor of Electrical Engineering, Summer Session of 1967 — declination effective June 19, 1967.
- JOHN D. ANDERSON, Professor of Physiology and Biophysics, Summer Session of 1967 — resignation effective June 19, 1967.
- GEORGE E. ANNER, Professor of Electrical Engineering, Summer Session of 1967 — declination effective June 19, 1967.

- JAMES W. ARMSTRONG, Assistant Professor of Mathematics, Summer Session of 1967—declination effective June 19, 1967.
- ROBERT L. BALLIOT, Undergraduate Librarian with rank of Instructor—resignation effective August 9, 1967.
- MRS. DORIS W. BARR, Research Associate in the Survey Research Laboratory—resignation effective June 26, 1967.
- CARL BERFITER, Professor of Special Education in the Department of Special Education and in the Institute for Research on Exceptional Children—resignation effective September 1, 1967.
- LOIS M. BEWLEY, Research Associate in the Library Research Center, in the Graduate School of Library Science—resignation effective September 1, 1967.
- THOMAS BEZZEGH, Research Associate in Animal Science—resignation effective June 9, 1967.
- SARAH L. BOGGS, Research Assistant Professor in the Survey Research Laboratory, in the Graduate College, and Assistant Professor of Sociology, in the College of Liberal Arts and Sciences—resignation effective June 10, 1967.
- WENDELL BOWERS, Associate Professor of Agricultural Engineering—resignation effective July 1, 1967.
- LEROY T. BOYER, Assistant Professor of Civil Engineering, Summer Session of 1967—declination effective June 19, 1967.
- HAL BRANDES, Instructor in Art—resignation effective September 1, 1967.
- PAUL A. BRANDVIK, Instructor in Music—resignation effective September 1, 1967.
- MRS. NORMA J. BRUCE, Cataloger, with rank of Instructor, in the Library—resignation effective July 1, 1967.
- CHARLES A. BUNGE, Research Associate in the Library Research Center—resignation effective September 1, 1967.
- LARRY J. BURKHART, Research Associate in Forestry—resignation effective September 1, 1967.
- TUNG-CHIN CHEN, Assistant Professor of Aeronautical and Astronautical Engineering—resignation effective September 1, 1967.
- LEE R. CHESNEY, Professor of Art—resignation effective September 1, 1967.
- MRS. MARY JO COCROFT, Serials Cataloger, with rank of Instructor, in the Library—resignation effective September 1, 1967.
- VISHWA C. DUMIR, Assistant Professor of Mathematics, Summer Session of 1967—resignation effective June 19, 1967.
- ARNOLD W. FLATH, Assistant Professor of Physical Education for Men—resignation effective September 1, 1967.
- PETER E. FORBES, Instructor in Art—resignation effective September 1, 1967.
- FRANCISCO A. GERMANO, Research Associate in Physics—resignation effective June 19, 1967.
- EDWARD R. GRUBERG, Instructor in Electrical Engineering—resignation effective June 23, 1967.
- YOSHIHIRO HAMAKAWA, Research Assistant Professor in the Materials Research Laboratory—resignation effective July 16, 1967.
- THOMAS HENDERSON, Instructor in Art—resignation effective September 1, 1967.
- JAMES E. HERGET, Assistant Dean of Law—resignation effective September 1, 1967.
- CLAYTON D. HIGHUM, Research Associate in the Library Research Center, in the Graduate School of Library Science—resignation effective June 15, 1967.
- TING H. HSIAO, Research Associate in Entomology—resignation effective June 1, 1967.
- RAYMOND W. HUGGINS, Visiting Assistant Professor of Physics and in the Coordinated Science Laboratory—resignation effective July 1, 1967.
- ROBERT T. HUGHES, Instructor in Art—resignation effective September 1, 1967.
- JOHN D. JACKSON, Professor of Physics—resignation effective September 1, 1967.
- HUBERT KESSLER, Professor of Music, Summer Session of 1967—resignation effective June 19, 1967.
- JANET KOPRIVA, Chemistry Library Assistant, with rank of Instructor, in the Library—resignation effective August 3, 1967.
- JAMES KRIKELAS, Research Associate in the Library Research Center, in the Graduate School of Library Science—resignation effective September 1, 1967.
- JOAN C. LEVY, Instructor in Music—resignation effective September 1, 1967.

- RICHARD J. LOFTUS, Associate Professor of English, Summer Session of 1967 — resignation effective June 19, 1967.
- ARTHA S. LOY, Research Associate in the Institute of Communications Research, in the College of Journalism and Communications — resignation effective May 1, 1967.
- WEI-YI MA, Cataloger, with rank of Instructor, in the Special Languages Department of the Library — resignation effective September 1, 1967.
- PETER MAGNABOSCO, Instructor in Physical Education for Men, Summer Session of 1967 — declination effective June 19, 1967.
- MRS. JO-ANN MICHALAK, Bibliographer, with rank of Instructor, in the Acquisition Department of the Library — resignation effective September 1, 1967.
- THOMAS J. MICHALAK, Bibliographer, with rank of Instructor, in the Serials Department of the Library — resignation effective September 1, 1967.
- LEIGH MINTURN, Associate Professor of Psychology — resignation effective September 1, 1967.
- KAZUHIKO NISHIJIMA, Professor of Physics — resignation effective September 1, 1967.
- DAVID C. PACKARD, Assistant Professor of Art — resignation effective September 1, 1967.
- DONALD L. PALMQUIST, Research Associate in Dairy Science — resignation effective July 1, 1967.
- KOLAR S. RAMACHANDRAN, Research Associate in Food Science — resignation effective July 11, 1967.
- GALEN E. RIKE, Bibliographer, with rank of Instructor, in the Acquisition Department of the Library — resignation effective September 1, 1967.
- CARL-GUSTAF ROSEN, Research Associate in Chemistry — resignation effective May 24, 1967.
- HENRY F. SOEHNEN, Research Associate in Civil Engineering — cancellation effective June 16, 1967.
- RALPH H. STENSTROM, Education and Social Science Librarian with rank of Instructor, in the Library — resignation effective September 1, 1967.
- DONALD C. STEWART, Assistant Professor of English, Summer Session of 1967 — resignation effective June 19, 1967.
- MRS. GRACE C. SWANSON, Editor of Engineering Publications — resignation effective May 16, 1967.
- ARNOLD M. TIBBETTS, Assistant Professor of English, Summer Session of 1967 — resignation effective June 19, 1967.
- MRS. PHOEBE TIMBERLAKE, Departmental Library Assistant, with rank of Instructor, in the Library — resignation effective July 27, 1967.
- GEORGE E. VAN LEAR, Research Associate in Chemistry and Chemical Engineering — resignation effective September 1, 1966.
- CHARLES M. WELLER, Assistant Professor of Secondary and Continuing Education, in the Department of Elementary Education, Summer Session of 1967 — declination effective June 19, 1967.
- CLARENCE E. WHITE, Instructor in Agricultural Entomology Extension — resignation effective May 16, 1967.

LEAVES OF ABSENCE

Chicago Circle

- PETER N. BURGOYNE, Associate Professor of Mathematics — leave of absence, without pay, for the fall and winter quarters 1967-68, to accept an appointment to teach and do research at the University of California at Santa Cruz.
- MRS. SABINE CASTEN, Instructor in Chemistry — leave of absence, without pay, for the spring quarter of 1966-67.
- MRS. SUSAN FREEMAN, Assistant Professor of Anthropology — leave of absence, without pay, for the spring quarter 1967-68, to begin a field project in Spain.

Medical Center

- GEORGE R. OSTERBERGER, Assistant Professor of Orthodontics, College of Dentistry — leave of absence, without pay, beginning May 1 and continuing through July 31, 1967.

Urbana

- V LEWIS BASSIE, Professor of Economics and Director of the Bureau of Economic and Business Research—leave of absence, without pay, from June 16, 1967, through July 31, 1967, to work for the Institute of International Education in Colombia, South America.
- OMER BENN, Instructor in the Institute of Aviation—leave of absence, without pay, for two months beginning July 1, 1967, to work on a project in developing classroom materials.
- HERBERT C. DE LEY, JR., Associate Professor of French—leave of absence, without pay, for the academic year 1967-68, to serve as Visiting Professor at the University of California at Riverside.
- CHARLES HAMM, Professor of Music—leave of absence, without pay, for the academic year 1967-68, to accept a Guggenheim Fellowship.
- BRAJ B. KACHRU, Assistant Professor of Linguistics—leave of absence, without pay, for one year from September 1, 1967, in order to accept the appointment of Faculty Research Fellow by the American Institute for Indian Studies in India.
- DONALD W. LATHRAP, Associate Professor of Anthropology—leave of absence, without pay, for the first semester of 1967-68, to execute a research project in Peru.
- DRAGUTIN MAKSIC, Associate Professor of Veterinary Clinical Medicine, College of Veterinary Medicine—leave of absence, without pay, from May 1 through June 15, 1967, in order to study and write the New York State Board examination for Veterinarian.
- WILLIAM M. ROGGE, Research Assistant Professor of Special Education and in the Curriculum Laboratory, College of Education—continuation of leave of absence, without pay, for one year from September 1, 1967.
- PAUL R. SHAFFER, Professor of Geology—continuation of leave of absence, without pay, for the academic year 1967-68, in order to accept assignment with the Office of International Science Activities of the National Science Foundation.
- MARJORIE A. SOUDER, Counselor in Teacher Education, College of Education, and Assistant Professor of Physical Education for Women, College of Physical Education—leave of absence, without pay, for the academic year 1967-68, in order to pursue doctoral study at the University of Wisconsin.

REPORTS AND RECOMMENDATIONS FROM
THE PRESIDENT OF THE BOARD

President Johnston called attention to the schedule of the next four meetings of the Board of Trustees: July 26 in Urbana, September 20 at Chicago Circle, October 18 in Urbana, and November 10 in Urbana.

EXECUTIVE SESSION

President Johnston announced that an executive session had been requested and was being ordered for consideration of reports and recommendations relating to property acquisitions.

On motion of Mr. Swain, the Board recessed for five minutes.

When the Board reconvened, the following reports and recommendations from the President of the University were presented and considered.

ACQUISITION OF PROPERTY AT 1003 WEST
SPRINGFIELD AVENUE, URBANA

(41) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 1003 West Springfield Avenue, Urbana, at a price of \$29,000, subject to funds being made available by the Seventy-fifth General Assembly and any required releases thereof by the Governor. The property is required in the long-range expansion program of the University, and can be used for temporary housing until it is required for parking or building construction.

The property consists of a lot of 66 feet by 132 feet (8,712 square feet) and is improved with a two-story frame rooming house.

I concur.

On motion of Mr. Hughes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page and Dr. Weatherly.

ACQUISITION OF PROPERTIES, URBANA

(42) The University of Illinois Foundation, at the request of the University, has acquired a number of properties which are required in the long-range plan for expansion at Urbana. The Director of the Physical Plant, the Vice-President and Comptroller, and the Executive Vice-President and Provost recommend acquisition of the following properties from the Foundation at the prices indicated, plus miscellaneous costs incurred in the acquisition of the properties:

1109 West Oregon Street, Urbana.....	\$	34 000 00
1111 West Oregon Street, Urbana.....		62 000 00
1114 West Nevada Street, Urbana.....		125 000 00
607 East Daniel Street, Champaign.....		185 000 00
909 West Nevada Street, Urbana.....		40 000 00
1110 West Main Street, Urbana.....		55 000 00
1002 West Green Street, Urbana.....		225 000 00
801 South Wright Street, Champaign.....		316 515 00
904 West Oregon Street, Urbana.....		40 000 00
		<hr/>
		\$1 082 515 00

Funds in the amount of approximately \$475,000 are available in the 1965-67 state capital appropriations, subject to release by the Governor. The remainder of the purchases will be deferred until the 1967-69 state capital appropriations for land are available and have been released by the Governor.

I concur.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

On motion of Mr. Swain, the Board adjourned.

TOUR AND BOARD COMMITTEE MEETINGS

Following lunch, members of the Board and other University officers toured the Materials Research Laboratory.

Board Committees on Buildings and Grounds, Finance, and General Policy met during the afternoon.

EARL W. PORTER
Secretary

WAYNE A. JOHNSTON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

July 26, 1967



The July meeting of The Board of Trustees of the University of Illinois was held in the Illini Union South, Urbana, Illinois, on Wednesday, July 26, 1967, beginning at 10:30 a.m.

President Wayne A. Johnston called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Ray Page, Mr. Harold Pogue, Mr. Timothy W. Swain. Governor Otto Kerner, Mr. Theodore A. Jones, and Dr. James A. Weatherly were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor Jack W. Peltason, University of Illinois at Urbana-Champaign; Mr. C. S. Havens, Director of the Physical Plant; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. James J. Costello, Legal Counsel; Mr. Eldon Johnson, Vice-President of the University; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; and officers of the Board, Mr. R. R. Manchester, Treasurer, and Mr. H. O. Farber, Comptroller.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on September 21, 1966, October 13, 1966, and November 10, 1966, press proof copies of which have previously been sent to the Board.

On motion of Mr. Swain, these minutes were approved as printed on pages 73 to 265, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

ANNUAL OPERATING BUDGET FOR 1967-68

(1) The budget for the fiscal year beginning July 1, 1967, for academic and administrative appointments beginning September 1, 1967, and for appointments to the nonacademic personnel staff beginning July 1, 1967, is submitted herewith.

The budget has been prepared by the Executive Vice-President and Provost and the Vice-President and Comptroller, based upon recommendations of the deans, directors, and other administrative officers, and in consultation with the University Budget Committee¹ representing all campuses of the University. The budget policies with respect to assignments of funds for promotions and salary adjustments have also been reviewed with the University Council.

The budget document submitted contains: a condensed analysis, which describes the principal increases in the budget; Schedules A through H, which give the budget totals and major subtotals; and summaries for each college or administrative unit. Also submitted are four supplemental volumes (two for Urbana-Champaign and one each for the other campuses) presenting budget details for departments, divisions, and other operating units.

I recommend that this budget, covering the allocation of the estimated operating income from all sources for the year beginning July 1, 1967, and as approved by the Finance Committee, be approved by the Board, and that the President of the University be authorized, in accordance with the needs of the University and the equitable interests involved, and within total income: (a) to accept resignations, (b) to make such additional appointments as are necessary subject to the provisions of the University *Statutes* and the *Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees*, and (c) to make such changes and adjustments in items included in the budget as are needed, all such changes to be covered in the Vice-President and Comptroller's quarterly financial reports, or in reports to the Board by its Secretary, provided that assignments for new projects or programs and for nonrecurring capital expenditures in excess of \$10,000 shall be presented to the Board for approval.

Copies of the budget, with a separate condensed analysis and summaries, had been sent to all Trustees for study in advance of today's meeting.

The President of the University, the Executive Vice-President and

¹ University Budget Committee: Lyle H. Lanier, Executive Vice-President and Provost, *Chairman*; Daniel Alpert, Professor of Physics and Dean of the Graduate College; Joseph S. Bergamo, Chancellor at the Medical Center; Herbert E. Carter, Professor of Biochemistry and Head of the Department of Chemistry and Chemical Engineering (Urbana); Nicholas J. Cotsonas, Professor of Medicine; Wylie H. Davis, Professor of Law; Herbert O. Farber, Vice-President and Comptroller; I. E. Farber, Professor of Psychology and Head of the Department (Chicago Circle); Morris S. Kessler, Assistant Comptroller (Staff Associate); Nathan M. Newmark, Professor of Civil Engineering and Head of the Department (Urbana); Norman A. Parker, Chancellor at Chicago Circle; George W. White, Research Professor of Geology (Urbana); Martin I. Zeigler, Associate Provost and Director of Institutional Studies (Staff Associate).

Provost, and the Vice-President and Comptroller presented the budget, and discussed the several recommendations as outlined in the condensed analysis and the classifications of expenditures in the summaries. A copy of the condensed analysis is filed with the Secretary of the Board for record.

Mr. Grimes, Chairman of the Finance Committee, reported that the Committee had reviewed the budget in a special work session on Tuesday evening, July 25, 1967, and had recommended some changes, and that the budget as now being presented to the Board was amended accordingly. In addition to Messrs. Grimes, Clement, and Swain of the Finance Committee, Messrs. Hahn, Hughes, Johnston, and Pogue participated in the work session. Mr. Grimes stated that the Finance Committee recommended that the budget as presented be approved.

Following the presentations of reports and discussions by members of the Board, on motion of Mr. Grimes, the budget was approved; authority was given as requested in the President's recommendations; and the appropriations required were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Kerner, Dr. Weatherly.

The complete budget is printed separately as a supplement to these minutes.

BUDGET OF THE ATHLETIC ASSOCIATION FOR 1967-68

(2) The Director of Intercollegiate Athletics has submitted, on behalf of the Board of Directors of the Athletic Association, the budget for the Association for 1967-68 which is summarized as follows with comparative figures for the preceding year:

	1966-67	1967-68
Income.....	\$1 504 425	\$1 678 414
Appropriations	1 495 885	1 678 414
Excess of Income.....	8 540	0

The budget has been reviewed and approved by the Executive Vice-President and Provost and the Vice-President and Comptroller.

I recommend that this budget be approved and that the Board of Directors of the Athletic Association be authorized to make such changes and adjustments, including approval of new appointments and acceptances of resignations, as are necessary within the total income and surplus of the Association, provided that: appointments of head coaches and administrative officers and assignments of funds for new projects or nonrecurring capital expenditures in excess of \$10,000 shall be presented to the Board for approval.

A copy of the budget is being filed with the Secretary of the Board for record.

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

INTRODUCTION OF CHANCELLOR J. W. PELTASON

(3) President Henry introduced Chancellor J. W. Peltason who became the Chancellor of the University of Illinois at the Urbana-Champaign campus on July 1, 1967.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(4) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Illinois Accountancy Act of 1943, as amended, 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>
JAMES ALVIN BLATCHLEY	Prospect Heights, Illinois	District of Columbia
WILLIAM STEWART CHUNOWITZ	Chicago, Illinois	District of Columbia
HOWARD ENOCH COGAN	Chicago, Illinois	District of Columbia
SEYMOUR JOSEPH HORWITZ	Skokie, Illinois	District of Columbia
WILLIAM RICHARD McCAMPBELL	Peoria, Illinois	Michigan
JAMES HUGH SHELNUTT	Carbondale, Illinois	Indiana
ROBERT YALE SINGER	Clifton, New Jersey	New York and New Jersey
WARREN LELAND WOOD	Phoenix, Arizona	California

I concur.

On motion of Mr. Swain, these certificates were awarded.

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(5) The Committee on Accountancy recommends the appointment of Samuel A. Sakol, a partner in the firm of Lybrand, Ross Bros. & Montgomery, Certified Public Accountants, Chicago, to the Board of Examiners in Accountancy for a three-year term beginning July 1, 1967, to succeed Mr. Elmer Waldo Mauritz, whose term expired June 30, 1967.

I concur.

On motion of Mr. Clement, this appointment was approved.

ADVISORY COMMITTEES FOR THE COLLEGE OF AGRICULTURE

(6) The Dean of the College of Agriculture recommends the following new appointments and reappointments to advisory committees for the College of Agriculture and the Agricultural Experiment Station effective September 1, 1967, for three-year terms, unless otherwise specified:

Agricultural Economics

GERALD D. GLASCO, R. R., Marion

RAYMOND G. SCHNAKE, Manager, George Schnake, Inc., St. Peter

Agricultural Engineering

ROBERT M. MOORE, Moore Buildings Company, Charleston

A. STEPHEN PAYDON, R. R. 1, Plainfield (Mr. Paydon is being reappointed.)

Agronomy

FRED W. BERGMANN, Bergmann Farms, Trenton

EARL G. KENISTON, R. R. 1, Manhattan

Animal Science

JOHN W. CURRY, Victoria (Mr. Curry is being reappointed.)

MERLE LESAGE, Manager, Chicago Order Buyers, Inc., 308 Exchange Building, Union Stockyards, Chicago (Mr. LeSage is being reappointed.)

Cooperative Extension

MRS. R. E. BLACKWELDER, R. R. 1, Makanda

MRS. LOYD FRICKE, 613 Naperville Road, Wheaton (two years)

WILLIAM GOSSETT, Roseville (one year)

MRS. H. WALDO HORRABIN, Blandinsville

E. M. LANTZ, R. R. 1, Shelbyville

BURTON S. PEARSALL, Helm & Pearsall, 231 Douglas Avenue, Elgin (one year)

BENJAMIN F. RAPP, R. R. 1, Athens

ROBERT F. SCHMOOK, R. R. 2, Box 128A, Winnebago

Dairy Science

AVERY A. VOSE, President, Pure Milk Association, 343 South Dearborn, Chicago (Mr. Vose is being reappointed.)

Horticulture (Floriculture, Ornamentals)

EDWARD J. DIDIER, Didier Florist Greenhouses, 4601 West State Street, Rockford

ARTHUR MATON, Box 38, 600 North Elm Street, Pana

General

(This Committee, composed of representatives from the departmental committees, acts in an advisory capacity to the College administration.)

GORDON E. SEARS, Agricultural Economics (one year)

A. STEPHEN PAYDON, Agricultural Engineering (one year)

CARLIN N. MORTON, Agronomy (one year)

HARRY C. EATON, Animal Science (one year)

ELMER J. OLSON, Cooperative Extension (one year)

AVERY A. VOSE, Dairy Science (one year)

A. FLETCHER MARSH, Forestry (one year)

ROBERT M. WILLIAMS, Horticulture (one year)

JOHN F. RUNDQUIST, Evergreen Farms, Butler, Member-at-Large (three years)

JAMES C. THOMSON, Editor, *Prairie Farmer*, 1230 West Washington Boulevard, Chicago, Member-at-Large (three years)

I concur.

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

**ADVISORY COMMITTEE FOR THE COLLEGE
OF VETERINARY MEDICINE, URBANA**

(7) The Dean of the College of Veterinary Medicine recommends the following appointments and reappointments to the advisory committee for the College of Veterinary Medicine for the terms as indicated:

New Appointments (effective September 1, 1967)

DR. JOHN R. BAKER, Erie (appointment expires August 31, 1969)

MICHAEL BUTLER, Oak Brook (appointment expires August 31, 1970)

DR. FRANK E. CONNER, Morris (appointment expires August 31, 1969)

VERNON D. PILGER, Beardstown (appointment expires August 31, 1968)

Reappointments (effective September 1, 1966)

DR. C. A. KRAKOWER, Chicago (appointment expires August 31, 1968)

R. V. MCKEE, Washburn (appointment expires August 31, 1968)

I concur.

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

SABBATICAL LEAVE OF ABSENCE, 1967-68

(8) In accordance with the provisions of the University Statutes, I recommend that Dr. Granville A. Bennett, Professor of Pathology and Dean of the College of Medicine, be given a sabbatical leave of absence, on full pay, for six months beginning January 1, 1968, for the purpose of study, review, and observation related to his special field—pathology.

This recommendation is supplementary to the applications recommended to the Board of Trustees on March 14, May 16, and June 20, 1967.

On motion of Mr. Grimes, this leave was granted as recommended.

APPOINTMENTS TO THE FACULTY

(9) 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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; B— two years; D— one year; E— nine months from the beginning of the academic year; G— special tenure; Y— twelve months' service required instead of two semesters; 1-7— indicates the number of years of service which will be credited at the end of the contract period toward completion of the probationary period relating to tenure.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

1. ROBERT C. ARZBAECHER, Associate Professor of Bioengineering, in the Department of Information Engineering, Chicago Circle, beginning September 1, 1967, without salary (B).
2. HAROLD W. BAILEY, Associate Chancellor (Institutional Studies) and Professor of Mathematics, Chicago Circle, beginning September 1, 1967, at an annual salary of \$23,000 (BY; A).

3. HERBERT R. BARGHUSEN, Assistant Professor of Anatomy, College of Medicine, beginning September 1, 1967, at an annual salary of \$12,500 (2Y).
4. IVAN B. CUTLER, Visiting Professor of Ceramic Engineering and in the Materials Research Laboratory, Urbana, for the academic year 1967-68, at a salary of \$8,300 (E).
5. THEODORE C. DOEGE, Assistant Professor of Preventive Medicine and Community Health, assigned to Faculty of Medicine, Chiangmai Hospital, Thailand, Agency for International Development, for the period from May 10-12, 1967, and from July 1, 1967, through June 30, 1969, at an annual salary of \$17,500 (FY).
6. PETER FAGAN, Assistant Professor of Art, Urbana, beginning September 1, 1967, at an annual salary of \$8,000 (3).
7. ROBERT N. FISHER, Assistant Professor of Art, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (3).
8. JOHN M. FLACKETT, Visiting Associate Professor of Law, Urbana, for six months from September 1, 1967, at a salary of \$8,000 (G).
9. YUH FUKAI, Visiting Research Assistant Professor of Mining, Metallurgy, and Petroleum Engineering, Urbana, for one year from October 20, 1967, at a salary of \$13,000 (FY).
10. FRANK GALLO, Professor of Art, Urbana, beginning September 1, 1967, at an annual salary of \$18,000 (A).
11. J. CLARK GLEESON, Associate Professor of Oral Diagnosis, College of Dentistry, beginning June 1, 1967, at an annual salary of \$17,000 (AY).
12. RALPH W. GOERING, Assistant Professor of Obstetrics and Gynecology, College of Medicine, beginning July 1, 1967, at an annual salary of \$15,000 (3Y).
13. CHARLES D. HARDIE, Visiting Professor of Philosophy of Education, in the Department of History and Philosophy of Education, Urbana, for the academic year 1967-68, at a salary of \$18,500 (E).
14. JAMES B. HOLDERMAN, Associate Chancellor and Associate Professor of Political Science, Chicago Circle, beginning September 1, 1967, at an annual salary of \$21,500 (BY; A).
15. LELAND E. HOLLOWAY, Assistant Professor of Physics, Urbana, beginning September 1, 1967, at an annual salary of \$11,000 (D).
16. JOHN E. KENNEDY, Visiting Assistant Professor of Law, Urbana, for the academic year 1967-68, at a salary of \$17,000 (D).
17. GEORGE H. KIEFFER, Assistant Professor of Zoology, in the Division of General Studies and in the School of Life Sciences, Urbana, beginning September 1, 1967, at an annual salary of \$11,000 (1).
18. CHIN-WOO KIM, Assistant Professor of Linguistics, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (1).
19. EDWARD J. KIONKA, Assistant Dean and Assistant Professor of Law, Urbana, beginning September 1, 1967, at an annual salary of \$16,000 (DY; 1Y).
20. DANIEL L. KOHUT, Assistant Professor of Music, on 58 per cent time, and of Secondary and Continuing Education, on 25 per cent time, and Counselor, Council on Teacher Education, on 17 per cent time, Urbana, beginning September 1, 1967, at an annual salary of \$11,500 (3).
21. PLACIDO D. LA VALLE, Assistant Professor of Geography, Urbana, beginning September 1, 1967, at an annual salary of \$12,000 (1).
22. ROBERT J. MENGES, Assistant Professor of Educational Psychology on one-third time and in the Division of General Studies on two-thirds time, Urbana, beginning September 1, 1967, at an annual salary of \$9,500 (1).
23. PHILIP J. MERANTO, Assistant Professor in the Institute of Government and Public Affairs, Urbana, beginning September 1, 1967, at an annual salary of \$11,000 (2).
24. RICHARD L. NOLAN, Assistant Professor of Accountancy and of Business Administration, Urbana, beginning September 1, 1967, at an annual salary of \$12,000 (1).
25. JOHN O'CONNOR, Academic Coordinator and Assistant Professor in Music Extension, in the Division of University Extension, Urbana, beginning September 1, 1967, at an annual salary of \$11,500 (1).
26. DEVENDAR C. REDDY, Assistant Professor of Electrical Engineering, in the Department of Information Engineering, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,500 (1).

27. WILLIAM H. REYNOLDS, Professor of Marketing, Chicago Circle, beginning September 1, 1967, at an annual salary of \$17,000 (A).
28. ALLEN A. ROVICK, Associate Professor of Physiology, assigned to Faculty of Medicine, Chiengmai Hospital, Thailand, Agency for International Development, for the period from June 28-30, 1967, and from July 14, 1967, through January 10, 1969, at an annual salary of \$14,500 (FY).
29. HERBERT TINGSTEN, George A. Miller Visiting Professor of Political Science, Urbana, for six weeks from September 18, 1967, at a salary of \$4,000 (G).
30. YUTAKA TOYOZAWA, Visiting Professor of Physics and in the Materials Research Laboratory, Urbana, for six months from March 1, 1968, at a salary of \$12,000 (DY).
31. STEPHEN TSAI, Assistant Professor of Electrical Engineering, in the Department of Information Engineering, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,800 (I).
32. JIRI VAVRA, Visiting Research Associate Professor of Veterinary Pathology and Hygiene, Urbana, beginning September 1, 1967, at an annual salary of \$11,000 (DY).
33. EDWARD W. VOSS, JR., Assistant Professor of Microbiology, Urbana, beginning September 1, 1967, at an annual salary of \$10,500 (1).
34. WILLIAM WELLNER, Assistant Professor of Higher Education, in the Department of Secondary and Continuing Education, Urbana, beginning September 1, 1967, at an annual salary of \$11,000 (2).
35. JACK C. WILEY, Assistant Professor of Theoretical and Applied Mechanics, Urbana, beginning September 1, 1967, at an annual salary of \$10,000 (1).
36. WENDELL WILLIAMS, Associate Professor of Physics and of Ceramic Engineering, Urbana, beginning September 1, 1967, at an annual salary of \$14,000 (A).
37. THOMAS J. WISNIEWSKI, Assistant Professor of Music, on 15 per cent time, and Assistant Professor of Music Extension, in the Division of University Extension, on 85 per cent time, Urbana, beginning September 1, 1967, at an annual salary of \$12,350 (1Y).

On motion of Mr. Swain, these appointments were confirmed.

ACTING DEANSHIP OF COLLEGE OF ENGINEERING, CHICAGO CIRCLE

(10) The Chancellor at Chicago Circle has recommended the appointment of David W. Levinson, presently Professor of Metallurgy and Associate Head of the Department of Materials Engineering, as Acting Dean of the College of Engineering at Chicago Circle and Professor of Metallurgy beginning August 11, 1967, at an annual salary of \$24,500 on a twelve months' service basis to serve until a permanent dean is appointed.

Professor Levinson will replace Professor Emeritus Rupert M. Price who has been Acting Dean of the College since January 1, 1967.

The Dean of Faculties at Chicago Circle and the Executive Vice-President and Provost concur.

I recommend approval.

On motion of Mr. Hahn, this appointment was approved.

HEADSHIP OF DEPARTMENT OF GERMAN, CHICAGO CIRCLE

(11) The Dean of the College of Liberal Arts and Sciences and the Chancellor at Chicago Circle recommend the appointment of Dr. Robert R. Heitner, presently Professor and Acting Head of the Department of German, as Professor of German on indefinite tenure and Head of the Department of German effective September 1, 1967, on a twelve months' service basis at an annual salary of \$22,000, divided: \$21,000 as Professor of German and \$1,000 as Head of the Department.

Professor Heitner has been serving as Acting Head of the Department since September, 1966.

This appointment was made after consultation with members of the Department of professorial rank. The Dean of the Graduate College and the Executive Vice-President and Provost concur.

I recommend approval.

On motion of Mr. Clement, this appointment was approved.

HEADSHIP OF DEPARTMENT OF ANIMAL SCIENCE, URBANA

(12) The Dean of the College of Agriculture has recommended the appointment of Dr. Donald E. Becker, presently Professor of Animal Nutrition, as Head of the Department of Animal Science effective July 1, 1967, at an annual salary of \$21,000 on a twelve months' service basis, divided: \$19,300 as Professor of Animal Science on indefinite tenure and \$1,700 as Head of the Department.

Professor Becker will succeed Professor Robert O. Nesheim who resigned on January 31, 1967, to become Associate Director of Research at the Quaker Oats Company in Barrington, Illinois.

This appointment was made with the advice of a special search committee¹ and after consultation with the Department's Executive Committee. The Executive Vice-President and Provost concurs in the recommendation.

I have approved this appointment and request confirmation of my action.

On motion of Mr. Hughes, this appointment was approved.

HEADSHIP OF DEPARTMENT OF VETERINARY PATHOLOGY AND HYGIENE, URBANA

(13) The Dean of the College of Veterinary Medicine recommends the appointment of Dr. Lyle E. Hanson as Professor of Veterinary Pathology and Hygiene, in the College of Veterinary Medicine, and of Veterinary Research, in the College of Agriculture, on indefinite tenure, and as Head of the Department of Veterinary Pathology and Hygiene beginning September 1, 1967, at an annual salary of \$20,500 on a twelve months' service basis, divided: \$19,100 as Professor of Veterinary Pathology and Hygiene and \$1,400 as Head of the Department.

Professor Hanson will succeed Professor J. O. Alberts who has asked to be relieved of this administrative assignment.

The nomination of Professor Hanson was made with the advice of a search committee² after consultation with members of the Department of professional rank, and is supported by the Executive Vice-President and Provost and the Dean of the Graduate College.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

CHAIRMANSHIP OF DEPARTMENT OF HISTORY AND PHILOSOPHY OF EDUCATION, URBANA

(14) The Dean of the College of Education recommends the appointment of Dr. B. Othanel Smith as Professor of Philosophy of Education on indefinite tenure and as Chairman of the Department of History and Philosophy of Education for two years beginning September 1, 1967, at an annual salary of \$22,500 on a nine months' service basis (\$21,500 as Professor and \$1,000 as Chairman of the Department).

Professor Smith has been serving as Acting Chairman of the Department since September 1, 1966, when Professor John R. Palmer resigned as Chairman to accept a position at the University of Wisconsin.

This appointment is recommended by the Executive Committees of the Department and of the College and is supported by the Executive Vice-President and Provost and the Dean of the Graduate College.

I recommend approval.

On motion of Mr. Hahn, this appointment was approved.

¹ Harold M. Scott, Professor of Animal Science, *Chairman*; George R. Carlisle, Professor of Animal Science Extension; Harold H. Draper, Professor of Nutritional Biochemistry in the Department of Animal Science; Philip J. Dzuik, Associate Professor of Animal Science; Upson S. Garrigus, Professor of Animal Science; Lyle E. Hanson, Professor of Veterinary Pathology and Hygiene, College of Veterinary Medicine, and of Veterinary Research, College of Agriculture; Kenneth E. Harshbarger, Professor of Nutrition in the Department of Dairy Science and Associate Head of Department; Aldon H. Jensen, Professor of Animal Nutrition in the Department of Animal Science.

² Lloyd E. Boley, Professor of Veterinary Pathology and Hygiene and of Veterinary Clinical Medicine, Head of the Department of Veterinary Clinical Medicine, and Associate Dean of the College of Veterinary Medicine, and A. R. Twardock, Associate Professor of Veterinary Pathology and Hygiene and of Veterinary Physiology and Pharmacology, College of Veterinary Medicine, *Co-Chairmen*; Esther L. Cheatle, Associate Director of the Hospital Laboratory and Associate Professor of Pathology, College of Medicine; Richard M. Forbes, Professor of Nutritional Biochemistry in Animal Science, College of Agriculture.

**HEADSHIP OF DEPARTMENT OF ENDODONTICS
IN THE COLLEGE OF DENTISTRY**

(15) The Dean of the College of Dentistry and the Chancellor at the Medical Center recommend the appointment of Dr. Charles G. Maurice, presently on the staff, as Professor of Endodontics on indefinite tenure and Head of the Department on 70 per cent time effective September 1, 1967, at an annual salary of \$14,000 on a twelve months' service basis.

Professor Maurice has been serving as Acting Head of the Department since September, 1966.

This appointment was made with the advice of a search committee¹ and after consultation with members of the Department of professorial rank. The Executive Vice-President and Provost and the Dean of the Graduate College concur in this recommendation.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

**HEADSHIP OF DEPARTMENT OF PERIODONTICS
IN THE COLLEGE OF DENTISTRY**

(16) The Dean of the College of Dentistry and the Chancellor at the Medical Center recommend the appointment of Dr. Bennett Klavan, presently on the staff, as Associate Professor of Periodontics on indefinite tenure and Head of the Department on 70 per cent time effective September 1, 1967, at an annual salary of \$12,300 on a twelve months' service basis.

Professor Klavan has been serving as Acting Head of the Department since September, 1966.

This appointment was made with the advice of a search committee² and after consultation with members of the Department of professorial rank. The Executive Vice-President and Provost and the Dean of the Graduate College concur in the recommendation.

I recommend approval.

On motion of Mr. Hahn, this appointment was approved.

**AFFILIATION WITH THE ADLAI E. STEVENSON INSTITUTE
OF INTERNATIONAL AFFAIRS**

(17) The Adlai E. Stevenson Institute of International Affairs, founded in February, 1967, "to contribute to the quality of decision making on matters of urgent public policy throughout the world," is organizing a Consortium of Universities to "serve as a vital and constructive force in matters of public policy," particularly through support of a fellowship program. The University of Illinois has been invited to join the Consortium, which will include some twenty institutions.

The Institute, autonomous but housed on the campus of the University of Chicago, will bring together scholars, businessmen, men of public affairs, and professional personnel to think through the details of major international issues and to evolve ideas for action. It will undertake three programs simultaneously: (1) a program for designing practical steps toward the solution of a few carefully-selected problems of international public policy; (2) public-policy studies on selected issues, each conducted by one or more Institute fellows, with stimulation and criticism from an appointed advisory group; and (3) a fellowship program.

The fellowship plan is the heart of the current Institute effort. It will bring together, both from at home and abroad, experienced statesmen, administrators, scholars, businessmen, and journalists, mostly in mid-career. There will normally be twenty-five such fellows each year. Among the ten already chosen for 1967-68, two are former ambassadors and one a deputy prime minister; and there are others from government and university posts. These senior fellows will conduct the policy studies, meet with special citizen and professional groups brought together by the Institute, and lecture at the Consortium universities.

¹ John Spence, Professor of Operative Dentistry and Assistant Dean for Dental Clinics, *Chairman*; Axel G. Anderson, Clinical Professor of Surgery, College of Medicine, and of Oral and Maxillofacial Surgery, College of Dentistry, and Head of the Department of Oral Surgery; Robert Underwood, Professor of Prosthodontics and Head of the Department.

² Donald L. McElroy, Professor of Oral Diagnosis and Acting Head of the Department, *Chairman*; Earl W. Renfro, Professor of Orthodontics and Head of the Department; Henry M. Rosenberg, Professor of Radiology and Head of the Department, College of Dentistry.

The membership fee for the University of Illinois would be \$12,500 for the first year, when a full complement of fellows will not be available, and \$25,000 thereafter. However, it is contemplated that after a few years the Institute will be able to reduce or eliminate this kind of support without curtailing the service to the universities. Membership is on an annual basis, subject to annual evaluation.

The advantages to the University of Illinois would include the availability of fellows to conduct seminars or give lectures (each one to appear at least once yearly). This arrangement would be of assistance to all three campuses. Further, University of Illinois representatives would be invited to participate in the conferences held by the Institute. Perhaps still more important for the University, however, is that this association with the Adlai E. Stevenson Institute would indicate the University's identification with the objectives of the Institute and assure participation in further discussion of how the evolving relationship between the Institute and cooperating universities could be made even more productive.

I recommend that the Board of Trustees formally approve participation of the University of Illinois in this program and that the officers of the University be authorized to take such steps as may be necessary to provide for its representation in the Consortium.

On motion of Mr. Pogue, this recommendation was approved.

**DOCTOR OF PHILOSOPHY DEGREES IN CHEMISTRY, HISTORY,
MATHEMATICS, AND PHILOSOPHY, CHICAGO CIRCLE**

(18) Graduate study leading to the master's degree in fourteen curricular fields is scheduled to begin in September, 1967, at the Chicago Circle campus. By September, 1968, many of these students will have fulfilled requirements for the master's degree and will wish to undertake advanced work toward the Ph.D. degree. If students in any of these fields are to continue their studies at Chicago Circle, approved doctoral programs should be announced as early as possible during the coming academic year.

Doctoral study at Chicago Circle would serve several important purposes: (a) help to meet the growing shortage of college teachers (Illinois is below the national average in proportionate production of graduate degrees); (b) supply junior academic staff to assist senior faculty in teaching the rapidly-expanding enrollment; (c) provide opportunities for advanced graduate study in a public university to students in the Chicago area; (d) facilitate the addition and retention of high-quality faculty and thus enhance the University's capability for contributing to the intellectual, economic, and cultural development of the Chicago metropolitan area; (e) make the Chicago Circle campus eligible for participation in many federal programs and for other financial support not available to institutions without doctoral studies.

For these reasons, and in view of the additional space and other resources expected by September, 1968, the Chancellor at the Chicago Circle campus and the Dean of the Graduate College have recommended the establishment by that date of programs leading to the degree of Doctor of Philosophy in the following fields: chemistry, history, mathematics, and philosophy. Statements of the conditions of admission to these programs and the general requirements for the Doctor of Philosophy degree are being filed with the Secretary of the Board for record.

The fields were selected from among a larger number of proposals by a special committee of the Graduate College consisting of graduate faculty members from all three campuses — with the Dean as chairman. Eligibility for the initiation of doctoral study was judged in terms of several criteria, including: strength of faculty (e.g., number of members granted full standing in the faculty of the Graduate College); the proposed content and organization of the curriculum; library resources; space, equipment, and other facilities.

The enrollment projections for these programs, the estimates of operating funds, and the space requirements have been reviewed by the Executive Vice-President and Provost and found to be acceptable in terms of existing resources, plus those to be provided by the University's 1967-69 budgets for operations and for capital improvements. He recommends approval, subject to further action by the Illinois Board of Higher Education.

I concur.

On motion of Mr. Swain, this recommendation was approved.

RECOMMENDATIONS FROM THE URBANA-CHAMPAIGN SENATE

(19) The Urbana-Champaign Senate has approved two recommendations for proposals which are being reported to the Board of Trustees for record. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

1. *Combined Sciences and Letters-Education Program for Mathematics Teachers*

This program, proposed by the College of Liberal Arts and Sciences, for students in the Sciences and Letters curriculum (leading to the Degree of Bachelor of Arts or Bachelor of Science) would provide an opportunity for such students to meet state certification requirements for teaching mathematics at the secondary school level and to complete a degree with a major in mathematics. A student graduating from this program would be qualified to teach at the secondary school level in addition to being prepared to begin a graduate program in mathematics without deficiencies.

It is presently possible for students in the Sciences and Letters curriculum to meet the requirements of a teacher certification program, and some students avail themselves of the opportunity. Nevertheless, the catalog gives no specific content for such a curriculum and, hence, no guidelines which assure a student that he will meet all requirements without spending an additional semester in order to do so.

A supporting statement containing the details of this proposal as they will appear in the *Undergraduate Study* catalog is being filed with the Secretary for record.

2. *Pass-Fail Option for Undergraduate Students*

In 1965-66 the Urbana-Champaign Senate created an *ad hoc* committee to study various aspects of the grading system. A system of pass-fail grading will be initiated at the Urbana-Champaign campus for a trial period of four years beginning second semester 1967-68, or as soon thereafter as a program can be worked out with the Statistical Service Unit, Office of Admissions and Records, and the Committee of Assistant and Associate Deans. Under this option, eighteen semester hours would be applicable toward a degree. Pass-fail courses would not be counted toward the grade-point average, but would be included as part of the total hour load.

A supporting statement giving the details of the changes is being filed with the Secretary for record.

On motion of Mr. Hahn, these recommendations from the Urbana-Champaign Senate were confirmed.

MEDICAL SERVICE PLAN FOR THE COLLEGE OF MEDICINE AND THE RESEARCH AND EDUCATIONAL HOSPITALS

(20) The Dean of the College of Medicine and the Medical Director of the Research and Educational Hospitals, with the concurrence of the Chancellor of the Medical Center campus, recommend the establishment of a Medical Service Plan whereby medical and surgical fees will be charged by physician-faculty members of the College of Medicine.

The funds that would accrue through the voluntary assignment of professional fees by the physician-faculty members to a Medical Service Fund are to be used to strengthen the programs of the College of Medicine and the Research and Educational Hospitals.

The Seventy-fifth Illinois General Assembly has passed legislation removing the previous legal restrictions to making charges for medical and surgical services at the Research and Educational Hospitals. Professional fees will be based upon a schedule of usual and customary fees and collected in accordance with the patients' ability to pay, in much the same manner as charges for hospital services are now collected. Benefits available to patients from prepayment plans, from medical-surgical insurance, or from entitlements under government programs for third-party payments are resources that would become available for the payment of professional fees under this plan.

A copy of the Medical Service Plan for the College of Medicine and the Research and Educational Hospitals is being filed with the Secretary of the Board for record. The President of the University is authorized to approve minor modifications in the Medical Service Plan as may be required in the future.

The Executive Vice-President and Provost and the Vice-President and Comptroller endorse this plan.

I recommend approval, subject to the signing of the Act by the Governor.

On motion of Mr. Clement, this recommendation was approved.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES, URBANA

(21) The Executive Vice-President and Provost and the Vice-President and Comptroller recommend the following appropriations for Urbana-Champaign from:

Urbana-Champaign General Reserve

College of Fine and Applied Arts	
Department of Art, equipment.....	\$18 400 00
Health Service	
McKinley Hospital, equipment.....	15 000 00
Renovation and remodeling for which funds are assigned to the Physical Plant Department:	
Remodeling in the Armory.....	11 920 00
Remodeling in McKinley Hospital for the installation of new equipment.....	8 910 00
Total.....	\$54 230 00

I concur.

On motion of Mr. Hughes, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Kerner, Dr. Weatherly.

REPORT ON CAPITAL APPROPRIATIONS (FROM GENERAL REVENUE FUND), 1967-69

(22) The Seventy-fifth General Assembly made the following appropriations from the General Revenue fund for land, buildings, and other capital improvements at the University of Illinois for the biennium 1967-69:

Buildings financed by the Illinois Building Authority.....	\$ 4 710 000 00
Land acquisition Urbana-Champaign and Chicago Circle.....	4 900 000 00
Site development and additions to general University utilities distribution system	7 500 000 00
Preliminary studies, plans, and specifications for construction of future buildings and improvements.....	1 800 000 00
Remodeling, rehabilitation, and modernization of existing buildings	4 300 000 00
Equipping buildings financed by the Illinois Building Authority....	9 000 000 00
Contingencies.....	1 696 378 00
	\$33 906 378 00

I recommend that the Board of Trustees appropriate these funds for the purposes indicated as the funds become available, and that authorization be given to transfer, from contingencies to individual projects, such amounts as may become necessary within the total sum appropriated.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Kerner, Dr. Weatherly.

CONTRACT FOR FABRICATION OF ILLIAC IV AND ACQUISITION OF INPUT/OUTPUT SYSTEM

(23) On February 16, 1966, the Board of Trustees approved the prime research contract to design, fabricate, and operate the Illiac IV Computer with the Rome Air Development Center, United States Department of Defense.

On March 16, 1966, the Board of Trustees awarded the subcontracts (Study Phase) for detailed specifications and design work to three companies.

On April 19, 1967, the Board of Trustees authorized a cost-plus incentive fee contract with the Burroughs Corporation to fabricate Illiac IV at a total estimated cost, including fees, of \$14,602,986, and approved a letter contract expending funds not to exceed \$500,000 pending negotiation and execution of a definitive contract.

A definitive contract has now been negotiated. In addition to the fabrication of Illiac IV previously approved, the contract includes the acquisition of the input/output system at a cost of \$1,332,000 on a fixed price basis, the rental of a B5500

computer for use prior to delivery of the input/output system for approximately \$688,440, plus an estimated \$626,678 for interfacing the input/output system to the main frame on a cost-plus incentive fee basis. The total estimated cost of the contract is thus \$17,250,104, and the University's obligation is limited to funds available under its contract with the Department of Defense.

Subject to approval of the United States Department of Defense, the Dean of the Graduate College and the Vice-President and Comptroller recommend that a definitive contract be entered into with the Burroughs Corporation.

I concur.

On motion of Mr. Swain, this recommendation was approved.

CONTRACTS FOR REMODELING IN THE DEPARTMENT OF BIOLOGICAL CHEMISTRY, FIRST UNIT OF THE DENTISTRY-MEDICINE-PHARMACY BUILDING, MEDICAL CENTER

(24) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for remodeling Rooms 315, 316, 317, 322, 324, 326 in the First Unit of the Dentistry-Medicine-Pharmacy Building at the Medical Center campus for the Department of Biological Chemistry in the College of Medicine, the award in each case being to the lowest bidder:

General — Mutual Contracting Company, Chicago.....	\$14 363 00
Plumbing — Fettes, Love & Sieben, Inc., Chicago.....	6 717 00
Heating, Air Conditioning and Process Piping — Peter H. Smith Company, Chicago	11 124 00
Ventilation — Anderson & Litwack Company, Hillside.....	858 00
Pipe Covering and Insulation — Luse-Stevenson Co., Melrose Park....	1 420 00
Electrical — Gerson Electric Construction Co., Chicago.....	5 985 00
Laboratory Equipment — J. J. Lane Equipment Co., Chicago.....	29 357 00
<i>Total</i>	<u>\$69 824 00</u>

The work provides for the rearrangement of partitions, new lighting, floor covering, air conditioning, and new laboratory equipment.

Funds for this work are available from the Medical Center Contract Research Reserve.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Hughes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Kerner, Dr. Weatherly.

SALE OF PROPERTY

(25) On April 19, 1967, the Board of Trustees authorized the Vice-President and Comptroller to execute a contract for the sale of 37.9 acres of land in Manatee County, Florida. Accordingly, a contract with Obrig Laboratories, Inc., a Florida corporation, was executed on May 19, 1967, and Obrig Laboratories, Inc., is prepared to close this transaction no later than August 14, 1967. This property will be conveyed by Warranty Deed to Obrig Laboratories, Inc. To implement this transfer, the following resolution is necessary, and its adoption is requested by the Legal Counsel.

Resolution Authorizing Sale of 37.9 Acres in Manatee County, Florida

WHEREAS, Obrig Laboratories, Inc., a Florida corporation, has offered to purchase the hereinafter described property from The Board of Trustees of the University of Illinois;

Be It, and It Hereby Is, Resolved, by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this corporation, be, and they hereby are, authorized and directed to execute, acknowledge, and deliver in the name of and in behalf of this corporation, and under its corporate seal, a Warranty Deed and such other document or documents as to them may seem necessary or desirable in order to convey to Obrig Laboratories, Inc., title to the real property hereinafter described, viz:

The NE ¼ of the NW ¼ of Section 30, Township 35 S, R 18 E less the

E 50 feet thereof deeded to Manatee County, Florida, consisting of 37.9 acres more or less, situated in the County of Manatee, in the State of Florida; subject to existing right-of-way of Seaboard Railroad and easements of record.

On motion of Mr. Grimes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Kerner, Dr. Weatherly.

INCREASE IN CONTRACT FOR CONSTRUCTION OF CHICAGO CIRCLE CAMPUS, PHASE II — ADDITION TO THE LIBRARY

(26) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Illinois Building Authority be requested to authorize an increase of \$17,944 in the contract with the Gust K. Newberg Construction Co., Chicago, for the construction of Chicago Circle Campus, Phase II. The work will include the provision of a photographic darkroom, stockroom, and related facilities in the Library.

Funds are available in the project budget for this work.

I concur.

On motion of Mr. Grimes, this recommendation was approved.

INCREASE IN CONTRACT FOR CONSTRUCTION OF CHICAGO CIRCLE CAMPUS, PHASE II — REMODELING IN SCIENCE AND ENGINEERING LABORATORIES ADDITION

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Illinois Building Authority be requested to authorize an increase of \$15,453.72 in the contract with the Gust K. Newberg Construction Co., Chicago, for the construction of Chicago Circle Campus, Phase II. The increase will provide for additional ventilation and cooling to computer areas in the Science and Engineering Laboratories Addition.

Funds are available in the project budget for this work.

I concur.

On motion of Mr. Swain, this recommendation was approved.

REVISION IN ARCHITECTURAL FEES ON CONSTRUCTION CONTRACTS

(28) The Board of Trustees has approved (April 19, 1967, and February 9, 1967) contracts for architectural services with fees based on percentages of actual construction costs.

<i>Firm</i>	<i>Project</i>	<i>Per-centage Fees</i>	<i>Budgeted Construction Costs</i>
<i>Chicago Circle Campus</i>			
Harry Weese & Associates, Chicago.....	Education Center	5½ per cent	\$5 559 728 00
<i>Medical Center Campus</i>			
Graham, Anderson, Probst & White, Chicago.....	College of Dentistry Building	5½ per cent	8 517 465 00
Skidmore, Owings & Merrill, Chicago.....	Medical Research Laboratory Addition	6 per cent	2 832 833 00
Loebl, Schlossman, Bennett & Dart, Chicago.....	Office Building	5½ per cent	2 811 820 00
<i>Urbana-Champaign Campus</i>			
Holabird & Root, Chicago...	Foreign Languages Building	6 per cent	4 717 450 00
Lankton, Ziegele, Terry & Associates, Inc., Peoria....	Library Fifth Stack Addition	5 per cent	1 441 750 00
Richardson, Severns, Scheeler & Associates, Inc., Champaign.....	Music Building	5½ per cent	3 545 500 00

All of the above contracts will be assigned to, or executed directly by, the Illinois Building Authority. The latter requires that the fees be based on the estimated, instead of the actual, costs of construction. Accordingly, to comply with the policy of the Illinois Building Authority, the Vice-President and Comptroller and the Director of the Physical Plant recommend that actions of the Board relating to these projects be amended to authorize the architects' fees in each case to be the above percentages applied to the estimated construction costs.

It is also recommended that authorization be given for the assignment to the Illinois Building Authority of those of the above architectural contracts which are executed by the University.

I concur.

On motion of Mr. Grimes, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Kerner, Dr. Weatherly.

EMPLOYMENT OF ARCHITECTS, CHICAGO CIRCLE

(29) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of Samuel Arthur Lichtmann, Chicago, for complete architectural services for miscellaneous remodeling projects at the Chicago Circle campus. The projects are to be undertaken during the 1967-69 biennium at a fee of 8 per cent of construction costs, plus reimbursement for the actual cost of a Clerk of the Works.

Payments for these services will be made from funds budgeted for each project assigned to the architect.

The Advisory Committee on the Selection of Architects and Engineers concurs in this recommendation.

I concur.

On motion of Mr. Hughes, this recommendation was approved.

EMPLOYMENT OF ENGINEERS FOR ILLINOIS-WILLARD AIRPORT

(30) The Vice-President and Comptroller and the Director of the Institute of Aviation recommend the employment of J. M. Audd & Associates, Springfield, for engineering services for design and preparation of plans and specifications in connection with the construction project for the extension of the Instrument Runway, University of Illinois-Willard Airport, at a fee based on Schedule B of the "Manual of Practice for Professional Engineers in Private Practice" (Manual III) as approved and published by the Illinois Society of Professional Engineers.

Funds are temporarily available from the Airport Operations for authorization to the engineers until permanent financing is obtained from a grant to be offered by the Federal Aviation Administration. The appointment of engineers is necessary at this time in order to gain maximum working time through the fall. Upon completion of the present runway extension construction at Decatur, the University Airport will be the only airport on this segment of the Ozark Air Lines which can not handle the DC-9 type aircraft.

I concur.

On motion of Mr. Pogue, this recommendation was approved.

PUBLICITY SERVICES FOR ASSEMBLY HALL

(31) The Director of Auxiliary Services and the Vice-President and Comptroller recommend continuation of the services of Herbert J. Dotten, Promotional Manager, Park Forest, Illinois, for preparation of promotional material and for professional counsel for programs in the Assembly Hall during the period August 21, 1967, through May 20, 1968, at the rate of \$1,300 per month.

The costs of these services will be charged to the operating budget of the Assembly Hall.

I concur.

On motion of Mr. Grimes, this recommendation was approved.

AGREEMENT WITH ONG AIRCRAFT CORPORATION

(32) The Director of the Institute of Aviation and the Vice-President and Comptroller recommend approval of an agreement with the Ong Aircraft Corporation,

Kansas City, Missouri, for the use of the University of Illinois-Willard Airport for two years, effective July 1, 1967, on the following terms:

1. Landing fees for each regular schedule or for each charter which actually uses the Airport:
 - July 1, 1967-June 30, 1968 — eight cents per 1,000 pounds gross take-off weight
 - July 1, 1968-June 30, 1969 — eight and one-half cents per 1,000 pounds gross take-off weight
2. Rental of office space at \$4.00 per square foot per year (a total of 217 square feet is assigned to Ong, for an annual rental of \$868). Basement storage space will be available in such amounts as may be desired at \$1.00 per square foot per year.
3. Use of the loud speaker system at a rental of \$10.00 a month.

I concur.

On motion of Mr. Swain, this recommendation was approved.

**AMENDMENT OF ORIGINAL AGREEMENT AND NEW AGREEMENT
WITH FEDERAL AVIATION ADMINISTRATION
FOR ACQUISITION OF LAND**

(33) The Board of Trustees on February 19, 1964, approved the acceptance of a grant from the Federal Aviation Administration (then "Agency") in the amount of \$92,443 for the purchase of land and airport improvements. The State Department of Aeronautics agreed to pay the matching costs of these improvements.

The Federal Aviation Administration and the State Department of Aeronautics request for administrative reasons that the grant be amended to delete reference to the acquisition of certain land areas and to reduce the amount of the grant by \$22,500. These land areas and the related cost of \$22,500 are incorporated in a new grant offered by Federal Aviation Administration in the amount of \$70,694. The new grant offered will reimburse the University for costs already incurred in acquiring certain designated land.

The State Department of Aeronautics has agreed to pay the matching costs of the land to the extent of \$58,000.

An Approach Lighting System will be erected at no cost to the University on the land acquired.

The Director of the Institute of Aviation and the Vice-President and Comptroller recommend acceptance of the amendment to the original grant and acceptance of the new grant.

I concur and recommend adoption of the following two resolutions.

**Resolution Authorizing Acceptance and Execution of First Amendment to
Grant Agreement Between the United States and the Board of Trustees
of the University of Illinois, Champaign-Urbana, Illinois**

WHEREAS, the Administrator of the Federal Aviation Administration, pursuant to request from The Board of Trustees of the University of Illinois, Champaign-Urbana, Illinois, and in order to advance the interests of the United States in civil aviation, has tendered a First Amendment to the Grant Agreement executed by and between the Administrator of the Federal Aviation Administration, acting for and on behalf of the United States, and The Board of Trustees of the University of Illinois, Champaign-Urbana, Illinois, on February 27, 1964, covering a project on the University of Illinois-Willard Airport, FAA Project 9-11-026-C404; and

WHEREAS, it is necessary that said First Amendment to Grant Agreement be duly and formally accepted by The Board of Trustees of the University of Illinois, Champaign-Urbana, Illinois; and

WHEREAS, the said First Amendment to Grant Agreement is in the words, figures and form following:

FIRST AMENDMENT TO GRANT AGREEMENT

University of Illinois-Willard Airport
Champaign-Urbana, Illinois
Project No. 9-11-026-C404
Contract Serial No. FA-CE-2919

WHEREAS, the Federal Aviation Administration (hereinafter called the "FAA"), has determined that, in the interest of the United States of America, the Grant

Agreement relating to the above-identified project between the Federal Aviation Agency (predecessor in authority and responsibility to the said Federal Aviation Administration), acting for and on behalf of the United States of America, and The Board of Trustees of the University of Illinois, and the State of Illinois, Department of Aeronautics, as Co-Sponsors, accepted by the said Co-Sponsors on February 26, 1964 and February 27, 1964, respectively, should be amended as hereinafter provided, and

WHEREAS, it has been determined necessary to revise the description of the development to be accomplished under this project so as to delete therefrom the acquisition of Areas R, S and T and Tracts 1, 2, 3 and 4, inasmuch as reimbursement for the incurred acquisition costs relating to Areas R, S and T, and Tracts 1, 2 and 3 comprises Project No. 9-11-026-C705, on which a Grant Offer is being issued and accepted concurrently with the issuance and execution of this First Amendment, and Tract 4 will be acquired under a successive project.

NOW, THEREFORE, WITNESSETH :

In consideration of the benefits to accrue to the parties hereto, the FAA, acting for and on behalf of the United States of America, as party of the First Part, and the Co-Sponsors, The Board of Trustees of the University of Illinois and the State of Illinois, Department of Aeronautics, as Parties of the Second Part, do hereby mutually agree that the Grant Agreement on Project No. 9-11-026-C404 be and the same hereby is amended by :

1. The deletion in its entirety of the description contained on Page 1 of Part I— Offer and the substitution in lieu thereof the following:
"Reimburse for N and S clear zone acquisition; install high-intensity lighting system of NW/SE runway; install instrument runway marking on NW/SE runway; install perimeter fencing on ALS site; remove obstructions."
2. The deletion in numbered Paragraph 1 appearing on Page 2 of Part I— Offer of the monetary amount, "\$2,443.00", and substitution therefor of the monetary amount, "\$69,943.00".
3. The deletion in its entirety of numbered Paragraph 14 appearing on Page 6 of Part I— Offer and renumbering of the succeeding paragraphs as "14", "15", "16" and "17", respectively.

IN WITNESS WHEREOF the parties have caused this First Amendment to Grant Agreement to be executed as of the 28 day of June, in the year 1967.

UNITED STATES OF AMERICA
FEDERAL AVIATION
ADMINISTRATION

By _____
Manager, Chicago Area
Party of the First Part

BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

(SEAL)
ATTEST _____
(Title) _____

By _____
(Title) _____

and

STATE OF ILLINOIS
DEPARTMENT OF AERONAUTICS

(SEAL)
ATTEST _____
(Title) _____

By _____
(Title) _____

Parties of the Second Part

CERTIFICATE OF CO-SPONSOR'S ATTORNEY

I, _____, acting as Attorney for The Board of Trustees of the University of Illinois (hereinafter called "Co-Sponsor") do hereby certify:

That I have examined the foregoing First Amendment to Grant Agreement and the proceedings taken by the Co-Sponsor, The Board of Trustees of the University of Illinois, relating thereto and find that the execution thereof for and on behalf of the said Co-Sponsor has been duly ratified and adopted, and that the execution thereof is in all respects due and proper and in accordance with the laws of the State of Illinois, and further, in my opinion, that the said First Amendment to Grant Agreement constitutes a legal and binding obligation of the said Co-Sponsor in accordance with the terms thereof.

Dated at _____, this _____ day of _____, 1967.

(Title) _____

CERTIFICATE OF CO-SPONSOR'S ATTORNEY

I, _____, acting for the State of Illinois, Department of Aeronautics (hereinafter called "Co-Sponsor") do hereby certify:

That I have examined the foregoing First Amendment to Grant Agreement and the proceedings taken by the State of Illinois, Department of Aeronautics relating thereto and find that the execution thereof for and on behalf of the said Co-Sponsor has been duly authorized, and that the execution thereof is in all respects due and proper and in accordance with the laws of the State of Illinois, and further, in my opinion that the said First Amendment to Grant Agreement constitutes a legal and binding obligation of the said Co-Sponsor in accordance with the terms thereof.

Dated at _____, this _____ day of _____, 1967.

(Title) _____

Now, Therefore, in consideration of the benefits to be derived therefrom, Be It, and It Is Hereby Resolved by The Board of Trustees of the University of Illinois, Champaign-Urbana, Illinois, as follows:

1. That The Board of Trustees of the University of Illinois, Champaign-Urbana, Illinois, accepts, and it does hereby accept, the First Amendment to the original Grant Agreement tendered to it by the Administrator of the Federal Aviation Administration, acting for and in behalf of the United States, in the words, figures and form as hereinabove set forth, to be duly executed in its name and for and in its behalf.
2. That to accomplish the foregoing, H. O. Farber, Comptroller, be and he is hereby authorized and directed to execute for and in behalf of The Board of Trustees of the University of Illinois, Champaign-Urbana, Illinois, the said First Amendment to the Grant Agreement, and that E. W. Porter, Secretary, be and he is hereby authorized and directed to attest said execution and to impress thereon the Official Seal of The Board of Trustees of the University of Illinois, Champaign-Urbana, Illinois.

On motion of Mr. Swain, the foregoing resolution was adopted.

Resolution Accepting, Adopting, and Authorizing Execution of Acceptance of Grant Offer of the Administrator of the Federal Aviation Administration Constituting Grant Agreement Between the United States and The Board of Trustees of the University of Illinois

WHEREAS, the Administrator of the Federal Aviation Administration, for and in behalf of the United States, has extended to The Board of Trustees of the University of Illinois, a formal Grant Offer dated June 28, 1967, pursuant to the Project Application of The Board of Trustees of the University of Illinois, submitted to the Federal Aviation Administration dated April 21, 1967, all as hereinbelow set forth, and all relating to the development of the University of Illinois-Willard Airport, the same bearing FAA Project No. 9-11-026-C705; 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 of the University of Illinois; and

WHEREAS, such Grant Offer and such Acceptance thereof, duly executed, together shall constitute the Grant Agreement between The Board of Trustees of the University of Illinois and the United States relating to said airport-development project; and

WHEREAS, the said Grant Offer is in the words, figures and form following :

FEDERAL AVIATION ADMINISTRATION

GRANT AGREEMENT

Part I-Offer

Date of Offer June 28, 1967

University of Illinois-Willard Airport

Project No. 9-11-026-C705

Contract No. FA-67-CE-4822

TO: The Board of Trustees of the University of Illinois and State of Illinois, Department (herein referred to as the "Sponsor") of Aeronautics (Co-Sponsors)
FROM: The United States of America (acting through the Federal Aviation Agency, herein referred to as the "FAA")

WHEREAS, the Sponsor has submitted to the FAA a Project Application dated April 21, 1967, for a grant of Federal funds for a project for development of the University of Illinois-Willard Airport (herein called the "Airport"), together with plans and specifications for such project, which Project Application, as approved by the FAA is hereby incorporated herein and made a part hereof; and

WHEREAS, the FAA has approved a project for development of the Airport (herein called the "Project") consisting of the following-described airport development :

"Reimburse for acquisition of Parcels 1, 2 and 3 and Areas R, S and T."

all as more particularly described in the property map and plans and specifications incorporated in the said Project Application;

NOW THEREFORE, pursuant to and for the purpose of carrying out the provisions of the Federal Airport Act, as amended (49 U.S.C. 1101), and in consideration of (a) the Sponsor's adoption and ratification of the representations and assurances contained in said Project Application, and its acceptance of this Offer as hereinafter provided, and (b) the benefits to accrue to the United States and the public from the accomplishment of the Project and the operation and maintenance of the Airport as herein provided, THE FEDERAL AVIATION AGENCY, FOR AND ON BEHALF OF THE UNITED STATES, HEREBY OFFERS AND AGREES to pay, as the United States share of the allowable costs incurred in accomplishing the Project, 50 percentum of the costs of acquisition relating to Parcels 1, 2 and 3 (comprising the offsite portion of the SE instrument clear zone and which, with respect to ownership and purchase units, include Areas R, S and T below referred to) PROVIDED, HOWEVER, that the United States' share of the allowable costs of acquisition allocable to Areas R, S and T (comprising the site for the ALS) shall be 75 percentum of the costs thereof.

This Offer is made on and subject to the following terms and conditions :

1. The maximum obligation of the United States payable under this Offer shall be \$70,694.00
2. The Sponsor has completed accomplishment of the land acquisition to which this project relates. The Sponsor shall:
 - (a) carry out and complete the Project without undue delay and in accordance with the terms hereof, the Federal Airport Act, and Sections 151.45-151.55 of the Regulations of the Federal Aviation Agency (14 CFR 151) in effect as of the date of acceptance of this Offer; which Regulations are hereinafter referred to as the "Regulations";
 - (b) carry out and complete the Project in accordance with the plans and specifications and property map, incorporated herein, as they may be revised or modified with the approval of the FAA.
3. The allowable costs of the project shall not include any costs determined by the FAA to be ineligible for consideration as to allowability under Section 151.41 (b) of the Regulations.
4. Payment of the United States share of the allowable project costs will be made pursuant to and in accordance with the provisions of Sections 151.57-151.63 of

- the Regulations. Final determination as to the allowability of the costs of the project will be made at the time of the final grant payment pursuant to Section 151.63 of the Regulations: *Provided*, that, in the event a semi-final grant payment is made pursuant to Section 151.63 of the Regulations, final determination as to the allowability of those costs to which such semi-final payment relates will be made at the time of such semi-final payment.
5. The Sponsor shall operate and maintain the airport as provided in the Project Application incorporated herein and specifically covenants and agrees, in accordance with its Assurance 4 in Part III of said Project Application, that in its operation and the operation of all facilities thereof, neither it nor any person or organization occupying space or facilities thereon will discriminate against any person or class of persons by reason of race, color, creed or national origin in the use of any of the facilities provided for the public on the airport.
 6. The FAA reserves the right to amend or withdraw this Offer at any time prior to its acceptance by the Sponsor.
 7. This Offer shall expire and the United States shall not be obligated to pay any part of the costs of the Project unless this Offer has been accepted by the Sponsor on or before June 30, 1967 or such subsequent date as may be prescribed in writing by the FAA.
 8. In addition the Sponsor shall:
 - (a) Incorporate or cause to be incorporated in each contract for construction work under the project, or any modification thereof, the equal opportunity clause as set forth in Section 202 of Executive Order No. 11246 of September 24, 1965, or such modification thereof as may be approved by the Secretary of Labor.
 - (b) Incorporate or cause to be incorporated in each bid or proposal form submitted by prospective contractors for construction work under the project the provisions prescribed by Section 151.54 (d) (1), Part 151, Federal Aviation Regulations.
 - (c) Be bound by said equal opportunity clause in any construction work under the project which it performs itself other than through its own permanent work force directly employed or through the permanent work force directly employed by another agency of government.
 - (d) Cooperate actively with the FAA and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor.
 - (e) Furnish the FAA and the Secretary of Labor such information as they may require for the supervision of such compliance and will otherwise assist the FAA in the discharge of its primary responsibility for securing compliance.
 - (f) Refrain from entering into any contract or contract modification subject to Executive Order No. 11246 with a contractor debarred from, or who has not demonstrated eligibility for, government contracts and Federally assisted construction contracts pursuant to Part II, Subpart D of Executive Order No. 11246.
 - (g) Carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the FAA and the Secretary of Labor pursuant to Part II, Subpart D of Executive Order No. 11246; and in the event that the sponsor fails or refuses to comply with its undertakings, the FAA may cancel, terminate or suspend in whole or in part any contractual arrangement it may have with the sponsor, may refrain from extending any further assistance under any of its programs subject to Executive Order 11246 until satisfactory assurance of future compliance has been received from such applicant, or may refer the case to the Department of Justice for appropriate legal proceedings.
 9. It is understood and agreed that each contract awarded for construction work under this project is subject to the provisions of the Work Hours Act of 1962, Public Law 87-581. It is further understood and agreed that each such contract will contain stipulations requiring the contractor or subcontractor to pay wages to all laborers and mechanics employed on the work in conformance with the provisions of the Act and that the Sponsor may withhold or cause to be with-

held from the contractor or subcontractor so much of the accrued payments as may be considered necessary to pay laborers and mechanics employed by any such contractor or subcontractor on the work the full amount of wages required by the contract and such sums as may administratively be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for liquidated damages as provided by the Act. It is also understood and agreed that, in the event of failure of any contractor or subcontractor to pay any laborer or mechanic employed or working on the site of the work all or part of the wages required by the contract, the FAA may, after written notice to the Sponsor, withhold from the Sponsor so much of the accrued payments or advances representing unpaid wages and liquidated damages.

10. The Sponsor hereby covenants and agrees that its financial records of the project, established, maintained and made available to personnel of the FAA in conformity to Section 151.55 of the Regulations of the Federal Aviation Agency (14 CFR 151) will also be available to representatives of the Comptroller General of the United States.
11. By its acceptance of this Grant Offer the Sponsor agrees that insofar as is within its powers and to the extent reasonable, the Sponsor will take action to restrict the use of land adjacent to or in the immediate vicinity of the airport to activities and purposes compatible with normal airport operations, including landing and take-off of aircraft, in furtherance of its undertaking as set forth in Paragraph 13 of Part III — Sponsor's Assurances of the aforesaid Project Application.
12. By its acceptance hereof, the Sponsor hereby covenants that to the extent it has or may have either present or future control over each area identified on the Exhibit "A" as "clear zone", and unless exceptions to or deviations from the following obligations have been granted to the Sponsor in writing by the FAA, it will clear said area or areas of any existing structure or any natural growth which constitutes an obstruction to air navigation within the standards established by Section 77.23 as applied to Section 77.27, Part 77 of the Federal Aviation Regulations; and the Sponsor further covenants that it will control the subsequent erection of structures and control natural growth to the extent necessary to prevent the creation of obstructions within said standards.
13. The Sponsor hereby further covenants that it will not permit any permanent-type structures, other than structures required for aids to air navigation and such other structures as may be specifically excepted in writing by the FAA, to be erected on, and that it will cause any existing structures to be removed from, each area identified on the Exhibit "A" as "clear zone" or any portions thereof, concerning which the Sponsor has acquired a fee interest with Federal financial assistance, irrespective of whether such structures constitute an obstruction to air navigation. The Sponsor hereby further covenants that, to the extent the land concerned is presently or hereafter owned or controlled by the Authority, it will not cause or permit any structure or object of natural growth to extend above the plane of the light path within the area comprising the site of any Approach Light System serving the aforesaid airport (an ALS site being an area extending 3200 feet outward from the approach end of the runway served and 400 feet in width located symmetrically about the projected runway centerline).
14. It is hereby understood and agreed by and between the parties hereto that Paragraph 7 of Part III — Sponsor's Assurances of the aforesaid Project Application shall be considered to be amended by deletion of the words "Section A of FAA Technical Standard Order No. N18 or Advisory Circular (AC) No. 150/5300.1, whichever is applicable according to the currently approved Airport Layout Plan", and by substitution therefor of the following: "Section 77.23 as applied to Section 77.27, Part 77 of the Federal Aviation Regulations."
15. "Notwithstanding the provision of Paragraph 3, Part III, of the Project Application, the Sponsor covenants and agrees that it will not grant or permit any exclusive right forbidden by Section 308(a) of the Federal Aviation Act of 1958 (49 U.S.C. 1349) at the airport, or at any other airport now or hereafter owned or controlled by it. In furtherance of the policy of the FAA under this covenant, the Sponsor agrees that, unless authorized by the Administrator, it will not, either directly or indirectly, grant or permit any person, firm, or corporation the exclusive right at the airport or at any other airport now or here-

- after owned or controlled by it, to conduct any aeronautical activities, including, but not limited to, charter flights, pilot training, aircraft rental and sightseeing, aerial photography, crop dusting, aerial advertising and surveying, air carrier operations, aircraft sales and services, sale of aviation petroleum products whether or not conducted in conjunction with other aeronautical activity, repair and maintenance of aircraft, sale of aircraft parts, and any other activities which because of their relationship to the operation of aircraft can be regarded as an aeronautical activity. The Sponsor further agrees that it will terminate any such exclusive right (including any exclusive right to engage in the sale of gasoline or oil, or both) now existing at the airport, or at any other airport now or hereafter owned or controlled by it, at the earliest renewal, cancellation, or expiration date applicable to the agreement that established the exclusive right, and certifies that there is no exclusive right not subject to termination under this provision."
16. It is understood and agreed that the terms "Administrator of the Federal Aviation Agency", "Administrator", "Federal Aviation Agency" or FAA wherever they appear in this Agreement, in the aforesaid Project Application, plans and specifications or other documents constituting a part of this Agreement shall be deemed to mean the Federal Aviation Administrator or the Federal Aviation Administration, as the case may be.
 17. The FAA in tendering this Grant Offer on behalf of the United States recognizes the existence of an agency relationship between The Board of Trustees of the University of Illinois, as principal, and the State of Illinois, Department of Aeronautics, as agent, created by the Agency and Participation Agreement, executed for and on behalf of the said Board of Trustees on April 21, 1967 and for and on behalf of the said Department on May 8, 1967. It is understood and agreed that the said Agency and Participation Agreement will not be amended, modified or terminated without the prior approval in writing of the FAA.
 18. The Federal Government does not now plan or contemplate the construction on this airport, in addition to the existing Air Traffic Control Tower, of any structure for any of the activities set forth in Paragraph 9 of Part III — Sponsor's Assurances of the aforesaid Project Application, and, therefore, the Sponsor, The Board of Trustees of the University of Illinois is under no obligation under this Grant Agreement to furnish site areas or rights in buildings for the Federal construction of space for such facilities. However, nothing herein contained shall be construed as altering or changing the rights of the Federal Government and/or the obligation of the said Sponsor to furnish rent-free the space established by the terms of the Grant Agreement, Project No. 9-11-026-6003 for Air Traffic Control Tower and related activities.

The Sponsor's acceptance of this Offer and ratification and adoption of the Project Application incorporated herein shall be evidenced by execution of this instrument by the Sponsor, as hereinafter provided, and said Offer and Acceptance shall comprise a Grant Agreement, as provided by the Federal Airport Act, constituting the obligations and rights of the United States and the Sponsor with respect to the accomplishment of the Project and the operation and maintenance of the Airport. Such Grant Agreement shall become effective upon the Sponsor's acceptance of this Offer and shall remain in full force and effect throughout the useful life of the facilities developed under the Project but in any event not to exceed twenty years from the date of said acceptance.

UNITED STATES OF AMERICA
FEDERAL AVIATION
ADMINISTRATION

By _____
Manager, Chicago Area

Part II-Acceptance

The _____ does hereby ratify and adopt all statements, representations, warranties, covenants, and agreements contained in the Project Application and incorporated materials referred to in the foregoing Offer

and does hereby accept said Offer and by such acceptance agrees to all of the terms and conditions thereof.

Executed this _____ day of _____, 19_____.

(Name of Sponsor)

By _____
Title _____

(SEAL)

Attest : _____
Title : _____

CERTIFICATE OF SPONSOR'S ATTORNEY

I, _____, acting as Attorney for _____, (herein referred to as the "Sponsor") do hereby certify :

That I have examined the foregoing Grant Agreement and the proceedings taken by said Sponsor relating thereto, and find that the Acceptance thereof by said Sponsor has been duly authorized and that the execution thereof is in all respects due and proper and in accordance with the laws of the State of _____, and further that, in my opinion, said Grant Agreement constitutes a legal and binding obligation of the Sponsor in accordance with the terms thereof.

Dated at _____, this _____ day of _____, 19_____.

Title _____

The State of Illinois, Department of Aeronautics does hereby accept said Offer and by such acceptance agrees to all of the terms and conditions thereof.

Executed this _____ day of _____, 1967.

STATE OF ILLINOIS
DEPARTMENT OF AERONAUTICS

(SEAL)

Attest _____ By _____
(Title) _____ (Title) _____

CERTIFICATE OF CO-SPONSOR'S ATTORNEY

I, _____, acting as Attorney for the State of Illinois, Department of Aeronautics, do hereby certify :

That I have examined the foregoing Grant Agreement and proceedings taken by the State of Illinois, Department of Aeronautics relating thereto and find that the acceptance thereof by the State of Illinois, Department of Aeronautics has been duly authorized and that the execution thereof is in all respects due and proper and in accordance with the laws of the State of Illinois and further that, in my opinion, said Grant Agreement constitutes a legal and binding obligation of the State of Illinois, Department of Aeronautics in accordance with the terms thereof.

Dated at _____, this _____ day of _____, 1967.

(Title) _____

Now, Therefore, upon consideration of said Grant Offer and all of the terms, provisions, conditions, and exhibits therein and thereto, Be It, and It Is Hereby Resolved by The Board of Trustees of the University of Illinois, as follows :

- 1. That The Board of Trustees of the University of Illinois accept, and it does hereby accept the Grant Offer extended to it by the Administrator of the Federal

Aviation Administration, for and in behalf of the United States, in the words, figures and form as hereinabove set forth, and that it shall enter into a Grant Agreement with the United States by causing the Acceptance thereof, in the words, figures and form as hereinabove set forth, to be duly executed in its name and for and in its behalf.

2. That to accomplish the foregoing, H. O. Farber, Comptroller, be and he is hereby authorized and directed to execute, for and in behalf of The Board of Trustees of the University of Illinois, the said Acceptance of the said Grant Offer, and that Earl W. Porter, Secretary, be and he is hereby authorized and directed to attest said execution and to impress thereon the Official Seal of The Board of Trustees of the University of Illinois.
3. That the Project Application dated April 21, 1967, executed and submitted to the Federal Aviation Administration by The Board of Trustees of the University of Illinois, relating to FAA Project No. 9-11-026-C705, including all statements, representations, warranties, covenants, and agreements contained therein, be and the same is hereby ratified and adopted.
4. That the Agency and Participation Agreement attached thereto and by reference made a part thereof, entered into on the 21st day of April, 1967, by The Board of Trustees of the University of Illinois, and on the 8th day of May, 1967, by the State of Illinois, Department of Aeronautics, be and the same is hereby confirmed and ratified.

On motion of Mr. Swain, the foregoing resolution was adopted.

LEASE AGREEMENT WITH J. M. JONES CO., URBANA

(34) The J. M. Jones Co., Urbana, has offered to construct a hangar at the University of Illinois-Willard Airport. Upon its completion, the hangar would become the property of the University. In return, the University would be asked to lease the hangar, and the land upon which it is constructed, to the company at a nominal rental for ten years, subject to renewal for an additional five-year period.

The University's only other obligation would be to furnish utilities to the site and provide for exterior maintenance of the building. Plans and specifications will be approved by the University, and the supervising engineer at the Airport will supervise construction. No aircraft or other maintenance will be performed in the hangar without specific University approval. The improvements will increase the University's physical assets by at least \$20,000 to \$45,000.

The Director of the Institute of Aviation and the Vice-President and Comptroller recommend approval of the lease.

I concur and recommend that the Comptroller and the Secretary of the Board of Trustees be authorized to execute the lease and other necessary documents.

On motion of Mr. Grimes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent Mr. Jones, Governor Kerner, Dr. Weatherly.

LEASES WITH THE ILLINOIS BUILDING AUTHORITY FOR PROJECTS IN THE 1967-69 BIENNIUM

(35) The Seventy-fifth General Assembly declared certain buildings and projects for the University of Illinois at the Chicago Circle, Medical Center, and Urbana campuses to be in the public interest, thereby indicating the funding of these projects could be accomplished by the Illinois Building Authority.

The declaration also provides that the cost of any specific project can exceed the amount set forth so long as the aggregate amount stated therein to be financed by the Authority for the University is not exceeded.

The Illinois Building Authority Act contemplates that a transfer of jurisdiction of the property on which the projects are to be constructed will be made to the Authority, and that lease agreements between the Authority and the University will be executed, providing for the construction of specified projects by the Authority and their use by the University.

Funds for the payment of rental to the Authority during the current biennium are available from state appropriations to the University.

The Vice-President and Comptroller and the Director of the Physical Plant

recommend adoption of the following resolution authorizing the Comptroller and the Secretary of the Board of Trustees to execute and deliver the necessary leases and other documents between the University and the Illinois Building Authority to accomplish the purposes stated.

I concur.

Resolution

WHEREAS, the Illinois Building Authority, a body corporate and politic of the State of Illinois created by the General Assembly of the State of Illinois is empowered to acquire by purchase or otherwise, construct, complete, remodel, maintain, and equip any and all buildings and other facilities as the General Assembly by law declares to be in the public interest;

WHEREAS, in accordance with the Illinois Building Authority Act the 75th General Assembly of the State of Illinois has declared the following University of Illinois projects to be in the public interest:

Chicago Circle Campus

Construct Behavioral Sciences Center Building.....	\$ 10 399 300
Construct Education Center Building.....	6 781 575
Construct Physical Education Building.....	6 904 435
Construct Science and Engineering Center Building.....	18 848 300
Construct Utilities Center Addition.....	2 297 900
<i>Total — Chicago Circle Campus.....</i>	<i>\$ 45 231 510</i>

Medical Center Campus

Construct College of Nursing Office and Classroom Building.....	\$ 6 850 300
Construct College of Dentistry Building.....	10 234 000
Construct Medical Research Laboratory Addition.....	3 385 500
Construct Office Building.....	3 606 200
<i>Total — Medical Center Campus.....</i>	<i>\$ 24 076 000</i>

Champaign-Urbana Campus

Construct Small Animal Clinic Building.....	\$ 6 812 000
Construct Civil Engineering Building and Addition.....	3 528 500
Construct Foreign Languages Building.....	5 790 000
Construct Intramural-Physical Education Building.....	8 208 300
Construct Library Building Addition.....	1 836 200
Construct Music Buildings.....	4 380 000
Construct Women's Gymnasium Addition.....	1 165 400
<i>Total — Champaign-Urbana Campus.....</i>	<i>\$ 31 720 400</i>
<i>Total, The Board of Trustees of the University of Illinois.....</i>	<i>\$101 027 910</i>

WHEREAS, The Board of Trustees of the University of Illinois, a body corporate and politic of the State of Illinois, will be requested by the Illinois Building Authority to enter into leases, transfer jurisdiction of real estate and take other actions to carry out and complete the above projects in accordance with the Illinois Building Authority Act; now therefore, be it and it is hereby resolved by The Board of Trustees of the University of Illinois as follows:

Section 1. That the Illinois Building Authority be and it hereby is requested to provide the foregoing projects and facilities at the Chicago Circle campus, the Medical Center campus, and the Urbana-Champaign campus and to lease the same to the University of Illinois as provided in the Illinois Building Authority Act.

Section 2. That the Comptroller and Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this corporation such instruments of transfer, conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing projects and facilities by the Illinois Building Authority.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Kerner, Dr. Weatherly.

**EASEMENT TO ILLINOIS POWER COMPANY THROUGH
WEBER FARMS, LA SALLE COUNTY**

(36) The Illinois Power Company has requested a two-inch gas pipeline easement for residential service along the public roadways on Weber Farms Nos. 4 and 5 in LaSalle County. The Company will pay one dollar per rod for 320 rods of the easement, plus damages. In addition, the University will receive fifty feet of pipeline at no cost, if and when gas service is brought to the farms. The Dean of the College of Agriculture and the Vice-President and Comptroller recommend that the easement be granted and that the following resolution be adopted.

**Resolution Authorizing 2" Gas Pipeline Easement to Illinois Power Company
Through Weber Farms Nos. 4 and 5, Waltham Township,
LaSalle County, Illinois**

Be It, and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this corporation be, and they hereby are, authorized to execute, acknowledge and deliver in the name and on behalf of this corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Illinois Power Company, an Illinois corporation, hereinafter referred to as "Grantee", its successors and assigns, the right and easement to construct, reconstruct, operate, maintain, repair, alter, replace, move and remove a 2" gas pipeline and other equipment appurtenant thereto under, through and across the land hereinafter described and the right of ingress to and egress therefrom; the rights and easement granted to be limited to the extent that this public corporation has the present right and capacity to grant the same. Grantee shall agree to pay to this corporation One Dollar (\$1.00) per lineal rod and to pay for or repair any damage caused to property of this corporation by the construction, reconstruction, operation, maintenance, repairing, alteration, moving and removing of said gas pipeline and to indemnify this corporation and its representatives from liability in connection with Grantee's activities. The right-of-way easement shall remain in full force and effect from the date granted and for so long thereafter as said gas transportation line is continued in service and has not been abandoned or discontinued. Upon termination of the easement Grantee shall peaceably surrender possession of said premises to this corporation and full and complete title then shall remain in this corporation free and clear of said easement and without necessity of re-entry or demand. The right-of-way easement shall be over the following-described property:

The West 30 feet of that part of the West Half of the Northwest Quarter and that part of the Northwest Quarter of the Southwest Quarter of Section 27, Township 34 North, Range 2 East of the Third Principal Meridian which lies East of and contiguous to the East right of way line of a Public Road which extends in a North-South direction along the West side of said tracts; and also The East 30 feet of that part of The Northeast Quarter of the Southeast Quarter of Section 27, Township 34 North, Range 2 East of the Third Principal Meridian lying West of and contiguous to the West right of way line of a Public Road which extends in a North-South direction along the East side of said tract of land;

All situated in the County of LaSalle and State of Illinois.

On motion of Mr. Hughes, the foregoing resolution was adopted.

GIFT OF HELICOPTER TO DEPARTMENT OF AIR FORCE

(37) The Department of Air Force has been interested for many years in acquiring for museum purposes the University's Sikorsky R-4B aircraft (helicopter) Number N9765H. The aircraft is not airworthy, and the University does not intend to use it in any of its operations.

The Director of the Institute of Aviation believes the aircraft has some value as an antique, although it has no current use value. The Air Force is interested in its historical significance, since it was one of the first fifty built for the Army Air Force in 1945.

The Property Control Section, Department of Finance, State of Illinois, has authorized the donation of the helicopter to the Air Force. The Air Force has agreed to deliver the helicopter to the Air Force Museum at Wright-Patterson Air Force Base, Ohio, at no cost to the University.

The Director of the Institute of Aviation and the Vice-President and Comptroller recommend that the helicopter be donated to the Air Force Museum and that the Comptroller and the Secretary of the Board of Trustees be given authorization to execute the necessary documents to effectuate the transfer.

I concur.

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

GUY M. BECKWITH ESTATE

(38) Mr. Guy M. Beckwith of Will County, Illinois, died on January 29, 1966, and left the residue of his estate to the University of Illinois "to be used towards building a residence hall for students and said residence hall will be called Beckwith Hall or Beckwith Residence Hall, to be located at Urbana-Champaign, Illinois." Mr. Beckwith's widow has filed a renunciation of the will in the Circuit Court of Will County, Illinois, thereby becoming entitled to one-half of the estate. Subsequently, negotiations have been conducted with counsel for Mrs. Beckwith relative to the distribution of the estate.

Included are five parcels of farmland, securities, and miscellaneous items of personal property, most of which consist of livestock and grain. The value of the securities was estimated in April, 1966, to be in excess of \$227,000.

The farmland properties have been appraised by appraisers selected by the University and by Mrs. Beckwith, and have an agreed appraisal value in excess of \$648,000. Mrs. Beckwith is willing to accept as her share in the estate two parcels of the farmland properties and one-half of the securities (except for shares in three local companies). The two parcels which Mrs. Beckwith will receive are appraised at a value of \$45,484.50 in excess of the combined appraisals of the other three parcels. Mrs. Beckwith will pay the \$45,484.50 difference in cash to the University. Under this arrangement, the University would receive one-half of the stocks and three parcels of land, together with the cash payment by Mrs. Beckwith. It is estimated the University will ultimately receive cash and property valued in excess of \$500,000.

In order to expedite the closing of this estate, the Vice-President and Comptroller and the Legal Counsel request authority to formalize the settlement arrangements with Mrs. Beckwith, including authority to execute quit-claim deeds transferring such interest as the University may have in the two parcels of farmland.

I concur and request adoption of the following resolution.

Resolution Authorizing Transfer of One Parcel of Real Property in Will County, Illinois, and One in Kankakee County, Illinois

WHEREAS, the hereinafter described property forms part of the Estate of Guy M. Beckwith, Deceased, who, by his Last Will and Testament, devised the residue of his estate to the University of Illinois; and

WHEREAS, by statutory renunciation of said Last Will and Testament, the widow of Guy M. Beckwith, Wilhelmine Beckwith, is entitled to one-half of the Estate; and

WHEREAS, the said Wilhelmine Beckwith has agreed to accept certain properties and in return transfer certain properties to the University in settlement of the Estate; and

WHEREAS, under this arrangement the University will fulfill its obligation by a transfer of the hereinafter described properties to Wilhelmine Beckwith by quit-claim deeds;

Now Therefore, Be It, and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, with its principal office in the City of Urbana, in the County of Champaign, and in the State of Illinois, that the Comptroller and the Secretary of this corporation be, and they hereby are, authorized and directed to execute, acknowledge, and deliver in the name of and in behalf of this corporation, and under its corporate seal, quit-claim deeds and such other documents in connection therewith as said Comptroller and Secretary may deem necessary and desirable in order to convey and quit-claim to Wilhelmine Beckwith, title to the following described real property, viz:

"Northwest Fractional quarter of Section Thirty (30), and the North half of the Southwest quarter of said Section Thirty (30), all in Township Thirty-two

(32) North, Range Eleven (11) East of the Third Principal Meridian, in the County of Kankakee and State of Illinois, containing 250 acres, more or less;

also

"Lots Four (4), Five (5), Seven (7), Eight (8), Nine (9), and Eleven (11) of the Whitten & Gooding's Subdivision of the Southeast Fractional One-Fourth ($\frac{1}{4}$) of Section Thirty-One (31), and the Southwest Fractional One-Fourth ($\frac{1}{4}$) of Section Thirty-Two (32), of Township Thirty-Three (33) North, Range Ten (10) East of the Third Principal Meridian containing 122.8 Acres more or less, situated in the Township of Florence, Will County, Illinois;

and

"Lots One (1), Two (2), Three (3), Six (6), and Ten (10) of Whitten's and Gooding's Subdivision of part of Sections Thirty-One (31) and Thirty-Two (32), according to the plat thereof recorded on April 22, A. D. 1874, as Doc. No. 93184 in Plat Book 3, on Page 42, thereof, of Will County Records, also the North Twenty-Three (23) acres of the West Half ($W \frac{1}{2}$) of the Southeast Quarter ($SE \frac{1}{4}$) of Section Thirty-One (31), all in Township Thirty-Three (33) North, and in Range Ten (10) East of the Third Principal Meridian, in Will County, Illinois, also the West half ($W \frac{1}{2}$) of the Southwest Quarter ($SW \frac{1}{4}$) of Section Thirty-One (31), and the West Seventeen and Three Hundredths (17.03) acres of the Northeast Quarter ($NE \frac{1}{4}$) of the Southwest Quarter ($SW \frac{1}{4}$) of Section Thirty-One (31), all in Township Thirty-Three (33) North, Range Ten (10) East of the Third Principal Meridian, being in the Town of Florence, in the County of Will and the State of Illinois."

On motion of Mr. Swain, the foregoing resolution was adopted.

PURCHASE OF LIABILITY INSURANCE

(39) Bids have been received for a public liability insurance policy covering all University operations and also providing coverage to employees for personal liability they may incur in the course of their employment by the University. Bids were received on three bases:

1. \$2,000,000 for each occurrence.
2. \$500,000 personal injury for each person and \$1,000,000 for each occurrence and property damage of \$500,000 for each occurrence.
3. Coverage of \$25,000 personal injury for each person and \$1,000,000 for each occurrence for the University and \$300,000 for each person and \$1,000,000 for each occurrence for employees and \$25,000 University property damage and \$300,000 property damage for employees.

Under all three alternates, aircraft passenger liability was limited to \$100,000 per passenger.

After evaluation of the bids received, the Finance Committee supports the recommendation of the Vice-President and Comptroller that the University purchase the policy which provides for a coverage of \$500,000 for each person, \$1,000,000 each occurrence for personal injury, and \$500,000 in property damage for each occurrence, and the award of a contract for such insurance to McManus & Pellouchoud, Inc., Chicago, for the comprehensive-general-automobile coverage at an annual premium of \$62,278, and the award of the insurance policy for aviation liability to O'Neil-Hidy Agency, Champaign, at an estimated annual premium of \$15,785, both awards being tied low bidders selected by lot. (The actual premium on the aviation policy is developed on the basis of hours flown.) It is also recommended that the policy be purchased for three years with the right on the part of the University to cancel such contract on an annual anniversary date.

The Finance Committee has concluded that the recommended extension of insurance coverage for the University and its employees is in the best interests of the University, and that prior actions of the Board relating to insurance practices should be modified to the extent they may be inconsistent with this recommendation.

Funds are available in the 1967-69 appropriations by the General Assembly for the automobile portion of the premium; and in the Airport Operations, Workmen's Compensation, and Contract Research Reserves for the balance of the premium.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Kerner, Dr. Weatherly.

PURCHASES

(40) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller; also a list of purchases authorized by the President.

The lists of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds

Purchases Authorized.....	\$ 3 454 00
Purchases Recommended.....	259 486 79
	<u>\$262 940 79</u>

From Institutional Funds

Purchases Authorized.....	\$ 3 140 00
Purchases Recommended.....	568 169 78
	<u>\$571 309 78</u>

Grand Total..... \$834 250 57

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Hahn, the purchases authorized by the President were approved, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(41) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary of the Board.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(42) The Comptroller's report of contracts executed during the period June 1 to 30, 1967.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
American Cyanamid Company	Dietary calcium and phosphorus and bacterial monocontamination upon the atrophy of turbinates in gnotobiotic swine	\$ 2 500 00
American Soybean Association	Damage to soybeans by arthropods and its effects on yield, quality, and composition of soybeans	2 000 00
The Dow Chemical Company	Biuret nitrogen in feeds for ruminants	22 000 00
Illinois State Library	Planning services for Library Services and Construction Act— Title III, Interlibrary cooperation; Title IV-A, Institutional library services; Title IV-B, Library services to the physically handicapped	17 250 00
National Aeronautics and Space Administration NGR 14-005-103	Physiological and engineering study of advanced thermoregulatory systems for extravehicular space suits	32 985 00
NGR 14-005-107	Nonlinear dynamic analysis of structures	30 000 00
National Dairy Products Corporation	Utilization of nitrogen by ruminants as influenced by various dietary factors	2 500 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
State of Illinois, Office of the Superintendent of Public Instruction		
08-C7	Development of world of work instructional programs	\$ 2 628 00
S-121	Spring semester planning group and a summer institute for the development of public school leadership in the state of Illinois gifted program	50 000 00
Union Carbide Corporation, Nuclear Division (Sub-contract of United States Atomic Energy Commission W-7405-eng-26)	Prestressed concrete pressure vessels for nuclear reactors	114 100 00
United States of America AID-nesa-337	Providing a specialist in the field of agricultural economics for the Agency for International Development's program of providing technical assistance to the Government of India	37 000 00
United States Air Force AF-AFOSR-931-67	Research in system theory	30 000 00
United States Army DA-ARO-D-31-124-G937 DABE03-67-C-5607	Raindrop distributions in Arizona	25 000 00
	R.O.T.C. flight training program for students enrolled at the University of Illinois	3 285 00
United States Department of Agriculture 12-14-100-9176(71)	Flatus and gastrointestinal problems caused by ingestion of soybean protein foods as related to processing	69 995 00
United States Department of Health, Education, and Welfare 02-087804	Campus-wide closed circuit television at the Urbana campus	19 980 00
OE-95-000012	Grant award — education in librarianship	183 880 00
OEC-1-7-440521-2506	NDEA institute for advanced study in history	51 217 00
OEC-3-7-070706-3118	Establish a national coordinator center for the national laboratory in early childhood education	248 630 00
OEC-3-7-420270-2590	NDEA institute for advanced study for teachers of disadvantaged youth	73 071 00
OEC-3-7-470645-2140	NDEA institute for advanced study in school librarianship	45 384 00
OEG-1-7-062846-4352	Comparative analysis of the world view and life histories of urban negro and Puerto Rican school children	50 000 00
OEG-1-7-062851-3533	Concurrent work-education research (student work study program conduct and consequences)	87 621 00
OEG-1-7-070731-3895	Internships for developing educational leaders in demonstration and dissemination	59 454 00
OEG-3-7-120045-1994	NDEA institute for advanced study in counseling and guidance	20 000 00
OEG-3-7-240035-2845	NDEA institute for advanced study in the arts and humanities	48 191 00
OEG-3-7-421020-3795	NDEA institute in disadvantaged youth	7 500 00
United States Navy N00014-67-A-0305-0006	Dynamic response of plastic radomes to nuclear and high explosive blast furnaces	36 290 00
N00014-67-A-0422-0001	Environmental stresses on the secretion and metabolism of adrenocortical steroids	18 055 00
United States Office of Education	Teaching of two concepts in beginning calculus by combinations of inductive and deductive approaches	2 400 00
<i>Total</i>		<u>\$1 392 916 00</u>
		<i>Amount to be Paid by the University</i>
<i>With Whom</i>	<i>Purpose</i>	
Board of Education of the City of Chicago	Program of youth development and teacher education	\$ 6 840 00
Sheridan College	Geology field summer school in the State of Wyoming	800 00
States Attorney of La Salle County	Payment for services rendered by local governmental units (Weber)	6 597 00
Urbana Public School District #116	Use of six classrooms at Hayes Elementary School from June 26, 1967, to August 4, 1967	540 00
	Use of one classroom at Hayes Elementary School from September 7, 1967, to June 10, 1968	600 00
<i>Total</i>		<u>\$ 15 377 00</u>

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
American Red Cross, Mid-America Chapter (renewal)	Rental of office space on the eleventh floor at 43 East Ohio Street, Chicago, Illinois, from July 1, 1967, to June 30, 1969, for Division of Services for Crippled Children	\$ 42 240 00
Jerry D. Black	Rental of office space at 1205B South West Street, Olney, Illinois, from July 1, 1967, to June 30, 1969, for Division of Services for Crippled Children	5 146 00
LaSalle Madison Hotel Company (renewal)	Rental of space on the twentieth floor, LaSalle Hotel, 10 North LaSalle Street, Chicago, Illinois, from July 1, 1967, to June 30, 1969, for use by Illini Center	24 000 00
Myers Families (renewal)	Rental of space on sixth floor, 101 South Fifth Street, Springfield, Illinois, from July 1, 1967, to June 30, 1969, for Division of Services for Crippled Children	6 240 00
Peoria Central Building Corp. (renewal)	Rental of space on seventh floor, corner of Main and South Adams Streets, Peoria, Illinois, from July 1, 1967, to June 30, 1969, for Division of Services for Crippled Children	6 480 00
Security Abstract and Title Company (renewal)	Rental of office space on second floor at 10 West Washington Street, Belleville, Illinois, from July 1, 1967, to June 30, 1969, for Division of Services for Crippled Children	9 240 00
<i>Total</i>		<hr/> \$ 93 346 00

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Chevron Chemical Company	Experimental compounds for insect control	\$ 500 00
Geigy Agricultural Chemicals	Geigy insecticides on Illinois crops	1 000 00
Illinois Archaeological Survey	Testing and excavation of archaeological sites	8 876 00
State of Illinois, Department of Mental Health 17-237	Immunologic diagnosis of intrauterine infection and its relationship to congenital cerebral abnormalities and mental retardation	88 500 00
United States Air Force		
AF 04(694)-796	Closure study	2 000 00
AF 19(628)-3819	Scattering problem emphasizing application of holography	22 000 00
AF 19(628)-3900	Gyro resonance experiment in a rocket to determine the possibility of controlling ionospheric characteristics	16 997 00
United States Army		
DA 28-043-AMC-02071(E)	Applications of weather radar techniques	75 658 00
DA-31-124-ARO-D-217	Electronic properties of ionic crystals	135 000 00
DA-ARO-D-31-124-G719	Syntheses reactions and structures of certain sulfur-nitrogen compounds	17 184 00
DA-49-193-MD-2323	"A Manual of New Viruses and Non-Bacterial Agents Causing Respiratory Illnesses in Man"	5 140 00
United States Atomic Energy Commission AT(11-1)-1484	Endocrine metabolism in domestic animals	15 000 00
United States Department of Agriculture 12-14-100-5665(81)	Plant pest control	6 000 00
United States Department of Health, Education, and Welfare PH-43-67-45	Continuing medical education project	312 240 00
United States Navy		
N00014-67-A-0305-0002	Radio direction and finding techniques over broad bands of frequencies to obtain accurate bearing information on intercepted signals	200 000 00
N00014-67-A-0305-0005	Test the validity and range of application of nuclear theories	550 000 00
N123-(953)51806A	Design of a major integrated shipboard antenna system	5 950 00
Nonr-1834(36)	Factors in group interaction	30 895 00
Nonr-3985(06)	Micromechanical mechanisms in organic solids	31 050 00
Nonr-3985(09)	Engineering properties of deep sea sediments	25 951 00
Wire Reinforcement Institute, Inc.	Structural behavior of slabs reinforced with smooth and deformed wire fabric and code recommendations	32 500 00
<i>Total</i>		<hr/> \$1 582 441 00

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
A and H Materials Testing Corporation	Concrete inspection testing Krannert Center for the Performing Arts	\$ 7 500 00
Downtown Electric	Cost-plus contract — electrical Noyes Laboratory	4 100 00
Dean Evans Company	Cost-plus contracts — general Davenport Hall Noyes Laboratory Nuclear Engineering Laboratory	12 500 00 12 976 00 7 680 00
Fries Walters Company	Cost-plus contracts — electrical Dentistry-Medicine-Pharmacy Building, Second Unit Medical Center Buildings	4 475 00 5 573 00
George S. Grimmett & Company	Cost-plus contracts — plastering Y.W.C.A. Building Flagg Hall	4 200 00 3 500 00
Gerhardt F. Meyne Company	Cost-plus contracts — general Dentistry-Medicine-Pharmacy Building, First Unit Dentistry-Medicine-Pharmacy Building, Second Unit	5 927 00 5 459 00
Gust K. Newberg Construction Company	Site development contracts — general University of Illinois at Chicago Circle, Phase II — Surge tank in greenhouse Changes in campus signs Expansion loops — utility distribution tunnel	7 397 00 4 820 00 8 864 00
The Nu-Way Contracting Corp.	Cost-plus contracts — refrigeration Dentistry-Medicine-Pharmacy Building, First Unit Dentistry-Medicine-Pharmacy Building, Second Unit Illinois Surgical Institute	9 456 00 5 869 00 3 936 00
O'Callaghan Bros., Inc.	Cost-plus contract — plumbing Dentistry-Medicine-Pharmacy Building, Second Unit	8 444 00
Reliable Plumbing and Heating Co.	Cost-plus contract — air conditioning Noyes Laboratory	4 200 00
<i>Total</i>		<u>\$ 126 876 00</u>

Summary

Amount to be paid to the University.....	\$2 975 357 00
Amount to be paid by the University.....	235 599 00

This report was received for record.

INVESTMENT REPORT

Report of the Finance Committee

(43) The Finance Committee reported the following changes in investments of endowment funds for the month of May, 1967:

Endowment Pool

Sale

$55\frac{1}{100}$ share Standard Oil Company of California common..... \$ 32 44

Miller

Sale

\$5 000 Commercial Credit open-end demand notes..... 5 000 00
500 shares Merck and Company common stock..... 41 372 51

Purchase

\$ 1 000 Commercial Credit open-end demand notes..... 1 000 00
50 000 Martin Marietta Corp. 5 $\frac{7}{8}$ per cent Sinking Fund
Debentures due 4/15/92..... 48 562 50
100 shares Household Finance Corp. common stock..... 2 920 94

Report of the Comptroller

The Comptroller reported the following changes in investments of current and un-expended plant funds, which he has been authorized to make, for the month of May, 1967:

Current Funds

CURRENT FUNDS (Chicago Circle)

Purchase

\$100 000 First National Bank of Chicago Certificate of Deposit due 10/2/67.....	100 000 00
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FORD FOUNDATION — GENERAL ENGINEERING

Purchase

\$5 000 U.S. Treasury bills due 7/6/67.....	4 975 83
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RESTRICTED GROUP

Purchase

\$1 000 000 Ford Motor Credit Corporation notes due 9/5/67.....	1 000 000 00
2 075 000 U.S. Treasury bills due 4/30/68.....	1 999 158 75
1 000 000 Dial Finance 5 per cent notes due 5/14/68.....	1 000 000 00

STAR COURSE CENTENNIAL SERIES

Purchase

\$25 000 U.S. Treasury bills due 2/29/68.....	24 264 72
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Construction Funds

DENTISTRY-MEDICINE-PHARMACY AUXILIARY (Medical Center)

Purchase

\$6 000 U.S. Treasury 4 per cent bonds due 2/15/80.....	5 565 00
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FLORIDA AVENUE RESIDENCE HALLS

Purchase

\$175 000 U.S. Treasury bills due 9/30/67.....	172 936 17
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GRADUATE HOUSING

Sale

\$5 000 U.S. Treasury bills due 6/29/67.....	4 982 53
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ORCHARD APARTMENTS

Purchase

\$200 000 U.S. Treasury bills due 5/18/67.....	199 761 67
350 000 U.S. Treasury bills due 6/15/67.....	348 664 65
275 000 U.S. Treasury bills due 7/13/67.....	273 102 50
285 000 U.S. Treasury bills due 8/17/67.....	282 019 53
260 000 U.S. Treasury bills due 9/14/67.....	256 501 27
200 000 U.S. Treasury bills due 10/13/67.....	196 619 00
150 000 U.S. Treasury bills due 11/30/67.....	146 751 79
90 000 U.S. Treasury bills due 12/31/67.....	87 778 13
125 000 U.S. Treasury bills due 1/31/68.....	121 396 08
115 000 U.S. Treasury 5½ per cent notes due 2/15/68.....	116 509 38
90 000 U.S. Treasury bills due 3/31/68.....	86 916 80
50 000 U.S. Treasury 4¾ per cent notes due 5/15/68.....	50 343 75
200 000 U.S. Treasury 4¼ per cent notes due 8/15/68.....	200 250 00
14 000 U.S. Treasury 3¾ per cent bonds due 11/15/68.....	13 956 25

UNION (Chicago Circle)

Purchase

\$36 000 U.S. Treasury bills due 7/6/67.....	35 821 52
30 000 U.S. Treasury bills due 8/10/67.....	29 750 80

UNION AND RESIDENCE HALL (Medical Center)

Purchase

\$225 000 U.S. Treasury bills due 6/22/67.....	223 853 13
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Sinking Funds

ASSEMBLY HALL

Purchase

\$9 000 U.S. Treasury 4¼ per cent notes due 8/15/68..... 9 005 63

HOUSING REVENUE BONDS

Purchase

\$ 42 000 U.S. Treasury bills due 9/21/67..... 41 419 44

42 000 U.S. Treasury bills due 2/29/68..... 40 729 50

109 000 U.S. Treasury 4¼ per cent notes due 8/15/68..... 109 095 00

MEN'S RESIDENCE HALLS OF 1957

Purchase

\$28 000 U.S. Treasury 4¼ per cent notes due 8/15/68..... 28 026 25

STUDENT SERVICES

Purchase

\$5 000 U.S. Treasury 4¼ per cent notes due 8/15/68..... 5 004 69

WOMEN'S RESIDENCE HALLS OF 1956

Purchase

\$13 000 U.S. Treasury bills due 9/21/67..... 12 829 50

26 000 U.S. Treasury 4¼ per cent notes due 8/15/68..... 26 016 25

This report was received for record.

AUTHORIZATION FOR EXECUTIVE COMMITTEE TO ACT ON REAL ESTATE MATTERS

(44) The University is now negotiating for the acquisition of various parcels of real estate needed for the University's educational purposes. The necessity for action on such acquisitions may become urgent, and, hence, it may not be possible to postpone action to the next regular meeting of the Board of Trustees (presently set for September 20, 1967).

In addition, the Illinois Building Authority has asked the University to make specific requests for award of contracts on bids to be received by the Authority on University projects. The Authority will also require the University to adopt specific resolutions transferring jurisdiction of land to and leasing facilities from the Illinois Building Authority, prior to the Authority entering into construction contracts.

Accordingly, the Director of the Physical Plant, the Vice-President and Comptroller, and the Legal Counsel recommend that, pursuant to Article IV, Section 3, of the By-Laws, the Board of Trustees authorize the Executive Committee of the Board to take action at any time prior to the next regular meeting of the Board on transfers of jurisdiction to and leases from the Illinois Building Authority and any other matter relating to the lease, sale, purchase, or other acquisition, by or for the University, of real estate, including authority to exercise the right of eminent domain and to institute condemnation proceedings.

I concur.

On motion of Mr. Grimes, the Executive Committee was authorized to act for the Board on the matters of business as recommended, by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Kerner, Dr. Weatherly.

PROGRAM FOR STUDY IN EUROPE FOR STUDENTS IN ARCHITECTURE

(45) The Board has approved, in principle, a program for study in Europe for students in Architecture, and on June 20, 1967, authorized the Vice-President and Comptroller to execute contracts with Mr. Pierre Lachaux for leasing of living quarters, office space, and a newly constructed studio in LaNapoule, France, for the period October 1, 1967, through May 31, 1968, at \$6,000 with an option to renew for the next academic year. This was the estimated cost of all services for the in-

structional program, and did not include rental of student living quarters. The contract proposed by Mr. Lachaux is \$5,600 for lease of office space, a newly constructed studio, and quarters for twenty students. Additional quarters will be provided at \$880 for each four students. Mr. Lachaux will also provide secretarial, janitorial, chambermaid, and laundry services on the basis of cost plus 5 per cent. A charge will also be made for utilities in excess of specified allowances. The total payments to Mr. Lachaux will be between \$13,000 and \$15,000.

The participating students have agreed to provide financial support to a maximum of \$100 per student per semester for the program. This support, together with an additional payment of \$150 per student per semester (which approximates a rental cost on the Urbana-Champaign campus), will provide the funds for these arrangements.

Cost of instruction will not exceed those at the Urbana-Champaign campus insofar as the expenditure of state funds is concerned. Transportation of staff and operational costs of the studio will be handled by other than state funds. Students will incur approximately the same living costs as they presently do at the Urbana-Champaign campus, plus travel and personal expenses.

The Vice-President and Comptroller recommends that the action of June 20 be modified to reflect the above-corrected terms of the contract.

I concur.

On motion of Mr. Swain, this recommendation was approved.

EMPLOYMENT OF SPECIAL COUNSEL

(46) The Attorney General of the State of California has instituted a proceeding in the Superior Court of the State of California for the County of Los Angeles seeking to nullify a bequest under the Will of Cookie Beck to the Benjamin Goldberg Foundation. Since the College of Medicine of the University of Illinois is the sole beneficiary under the terms of the Trust creating the Benjamin Goldberg Foundation, the University has an interest in the outcome of the proceedings initiated by the Attorney General of the State of California. The bequest under the Will of Cookie Beck which is under attack is estimated at \$250,000.00.

The Legal Counsel recommends that he be authorized to employ such special legal counsel as deemed necessary to protect the University's interest in this matter.

I concur.

On motion of Mr. Swain, authority was given as requested.

REPORTS AND ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

FUTURE MEETINGS OF THE BOARD

President Johnston announced that the Executive Committee would meet on August 15 and 31 to transact such business as may be necessary.

The September meeting will be held, as previously scheduled, on Wednesday, September 20, 1967, at Chicago Circle.

A request was made to change the October meeting, previously scheduled for October 18.

On motion of Mr. Swain, the Board voted to change the date of this meeting to Monday, October 16, and to hold this meeting in Chicago.

The November meeting will be held on November 10 at the Urbana campus. (The Board having voted to change the date of this meeting from the third Wednesday, November 15.)

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by President; cancellations, declinations, resignations, and terminations; leaves of absence. A copy of the report is filed with the Secretary.

CANCELLATION OF LEAVE OF ABSENCE**Medical Center**

Harry F. Dowling, Professor of Medicine and Head of the Department, and Chief of Medicine, Research and Educational Hospitals — cancellation of leave of absence granted him for the period June 16, 1967, through December 15, 1967, as the University will administer the grant in support of his research.

RECESS AND EXECUTIVE SESSION

President Johnston announced that an executive session had been requested and was being ordered for consideration of reports and recommendations relating to property acquisitions.

On motion of Mr. Swain, the Board recessed.

GUESTS OF THE BOARD

During the luncheon recess, President Henry introduced as guests of the Board: President William M. Staerkel of the new Parkland College; Mr. William Froom, President of the Board of Parkland College; Dr. Norris Brookens, Chairman of the Board of Regents for Northern Illinois University and Illinois State University; and R. A. Stipes, President of the Universities Retirement System of Illinois.

When the Board reconvened in executive session, the same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes, except Mr. Page who asked to be excused.

The Board considered the following reports and recommendations from the President of the University:

**ACQUISITION OF LAND FOR RUNWAY EXTENSION
AT UNIVERSITY OF ILLINOIS—WILLARD AIRPORT**

(47) Representatives of the University have conducted negotiations with the owner of the land at the northwest end of Runway 13-31 of the University of Illinois—Willard Airport in an effort to arrive at a fair price for the land required for a "clear zone approach" and runway extension to 6,500 feet (from the present 5,300) as specified by the Federal Aviation Administration. However, the owner has refused to sell for a price which the officials of the University consider fair and reasonable and representative of its present market value.

Therefore, the Director of the Institute of Aviation and the Vice-President and Comptroller recommend that the necessary land be condemned by exercise of the power of eminent domain and request the adoption of the following resolution. I concur.

**Resolution Authorizing Condemnation of Property Adjacent to Northwest
End of Runway 13-31 University of Illinois—Willard Airport**

Be It, and It Hereby Is Resolved, Found and Declared by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following-described property situated in the County of Champaign, in the State of Illinois, to-wit:

A parcel of land situated in the State of Illinois, the County of Champaign and being a part of the West One-half (W ½) of Section Three (3), Township Eighteen North (T-18-N), Range Eight East (R-8-E) of the Third Principal Meridian (3rd P.M.) and being more fully bounded and described as follows:

Beginning at the Southeast corner of the Northwest ¼ of said Section 3, said corner being marked with a corner post; thence Northerly along the East line of said Northwest ¼ a distance of 1,236.34 feet to a corner, said corner being marked with an iron pipe monument; thence Northwesterly along a line parallel to the centerline of runway 13-31 (extended) a distance of 1,986.18 feet to a

corner, said corner being marked with an iron pipe monument; thence Southwesterly along a line forming an angle of 90°00' to the left with a prolongation of the last described course a distance of 1,750.00 feet to a corner, said corner being marked with an iron pipe monument; then Southeasterly along a line parallel to the centerline of runway 13-31 (extended) a distance of 2,500.00 feet to a corner, said corner being marked with an iron pipe monument; thence Northeasterly along a line forming an angle of 90°00' to the left with a prolongation of the last described course a distance of 298.18 feet to a corner in a fence marking the West property line of the University of Illinois-Willard Airport, said corner being marked with an iron pipe monument; thence Northerly along the said West property line a distance of 165.09 feet to a corner in the South line of the said Northwest ¼, said corner being marked with a corner post; thence Easterly along the said South line a distance of 704.31 feet to the point of beginning; said parcel containing 100.54 acres more or less;

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for use as a clear zone approach and runway extension at the Northwest end of runway 13-31 for the University of Illinois-Willard Airport and for other educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use, that funds are available to the University for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owner of said land for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owner has refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois, for such price and continues to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owner of said property and she and it are unable to agree upon the purchase price to be paid to said property owner for the sale and conveyance of said land by said owner thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owner thereof for such land cannot be agreed upon between her and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owner thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of said title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

**ACQUISITION OF THE PROPERTY AT 902 WEST
CALIFORNIA AVENUE, URBANA**

(48) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 902 West California Avenue, Urbana, at a price of \$60,000, subject to funds being made available by the Seventy-fifth General Assembly and any required releases by the Governor. The property is one of six in the block proposed for the Center for Advanced Study. After continued negotiations, the owners have agreed to the stated price, provided they can retain occupancy of the premises until June 15, 1968. The interim use of the property has yet to be determined.

The property consists of a lot of 80 feet by 150 feet (12,000 square feet), and is improved with a two-story frame dwelling used as an apartment and student rooming house.

I concur.

On motion of Mr. Hughes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

On motion of Mr. Grimes, the Board adjourned.

R. C. WICKLUND
Clerk pro tem

WAYNE A. JOHNSTON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

September 20, 1967



The September meeting of The Board of Trustees of the University of Illinois was held in the Chicago Circle Center, Chicago, Illinois, on Wednesday, September 20, 1967, beginning at 9:30 a.m.

President Wayne A. Johnston called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Theodore A. Jones, Mr. Ray Page, Mr. Harold Pogue, Mr. Timothy W. Swain. Governor Otto Kerner and Dr. James A. Weatherly were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor Jack W. Peltason, University of Illinois at Urbana-Champaign; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. James J. Costello, Legal Counsel; Dr. Daniel C. McCluney, Dean of Faculties, Chicago Circle; Dr. James B. Holderman, Associate Chancellor, Chicago Circle; Mr. George H. Bargh, Executive Assistant to the President; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant, Urbana; Mr. Eugene S. Pitcher, Assistant to the Director of the Physical Plant, Urbana; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Dr. Earl W. Porter, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on December 8, 1966, press proof copies of which have previously been sent to the Board.

On motion of Mr. Swain, these minutes were approved as printed on pages 267 to 294, inclusive.

REPORTS OF THE EXECUTIVE COMMITTEE

The Executive Committee presented the following reports of two meetings held since the regular meeting of the Board in July.

REPORT OF THE EXECUTIVE COMMITTEE

August 15, 1967

On call of the Chairman, a meeting of the Executive Committee of The Board of Trustees of the University of Illinois was held in Room 800, 135 East Eleventh Place, Chicago, Illinois, on Tuesday, August 15, 1967, beginning at 11:30 a.m.

The meeting was called for consideration of reports and recommendations from the President of the University on matters of business, including acquisition of property, requiring approval by the Board of Trustees on which action should not be deferred until the regular meeting of the Board in September. The Board at its meeting on July 26, 1967, authorized the Executive Committee to take action at any time prior to the next regular meeting of the Board on transfers of jurisdiction to and leases from the Illinois Building Authority and any other matter relating to the lease, sale, purchase, or acquisition, by or for the University, of real estate, including the authority to exercise the right of eminent domain and to institute condemnation proceedings.

The Chairman asked the Secretary to call the roll, and the following, constituting all members of the Committee, were present: Mr. Wayne A. Johnston, Chairman, Mr. Howard W. Clement, and Mr. Timothy W. Swain. Also present were: Mr. Donald R. Grimes and Mr. Earl M. Hughes, members of the Board of Trustees; President David D. Henry; Dr. J. S. Begando, Chancellor of the University of Illinois at the Medical Center; Mr. Charles E. Flynn, Assistant to the President and Director of Public Information; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Dr. Earl W. Porter, Secretary and Clerk of the Committee.

The Committee considered the following reports and recommendations from the President of the University.

**DEANSHIP OF THE COLLEGE OF COMMERCE
AND BUSINESS ADMINISTRATION, URBANA**

(1) I recommend the appointment of Dr. Joseph W. McGuire, presently Dean of the School of Business of the University of Kansas, as Dean of the College of Commerce and Business Administration at Urbana, beginning July 1, 1968, at an annual salary of \$30,000 on a twelve-month service basis.¹

I also recommend that Dr. McGuire be appointed Professor of Industrial Administration on indefinite tenure.

The recommendation is based upon a report from a Consultative Committee

¹ This appointment will be from July 1, 1968, through August 31, 1969, which is consistent with the statutory provision of biennial tenure of deans, such appointments coinciding with the fiscal biennium.

and following consultation with the Executive Committee of the College¹ and with the Chancellor at Urbana.

The date set for Dr. McGuire's assumption of duties is occasioned by a long-standing commitment: During the 1967-68 academic year he will be Ford Visiting Research Professor at the Graduate School of Industrial Administration at Carnegie-Mellon University, Pittsburgh. In the interim period, i.e., for the academic year 1967-68, an Acting Dean of the College is being appointed.

Dr. McGuire succeeds Dr. Paul M. Green whose service with the University as Dean will terminate on August 31, 1967.

The Executive Vice-President and Provost, the Chancellor at Urbana, and the Dean of the Graduate College endorse this recommendation.

On motion of Mr. Swain, this appointment was approved.

ACTING DEANSHIP OF THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION, URBANA

(2) The Chancellor at Urbana has recommended that Professor Vernon K. Zimmerman, presently Associate Dean of the College of Commerce and Business Administration at the Urbana-Champaign campus, be appointed Acting Dean of the College effective September 1, 1967, and continuing through June 30, 1968, and that he be given additional salary in the amount of \$1,200 for this period.

The recommendation is made after consultation with the Executive Committee of the College. The Executive Vice-President and Provost concurs.

I recommend approval.

On motion of Mr. Clement, this appointment was approved.

CONTRACTS FOR CONSTRUCTION OF PERSONNEL SERVICES BUILDING, URBANA

(3) The Director of the Physical Plant and the Vice-President and Comptroller recommend assignment of \$66,594 from Urbana-Champaign Contract Research Reserve and award of the following contracts for construction of a Personnel Services Building to be located on Gregory Drive immediately west of the University Press Building, the award being in each case to the lowest bidder based upon the Base Bid and recommended alternates. The project will provide office, testing, interview, and related facilities for the University Office of Nonacademic Personnel.

General — C. A. Petry & Sons, Inc., Champaign

Base bid.....	\$243 600 00
Deductive alternates:	
Elimination of assignment of other contracts to the general contractor	13 500 00
Substitution of gypsum drywall for ceramic tile as specified.....	2 800 00
Deletion of storm sash panels or self-storing combination storm sash.....	800 00
Substitution of ponderosa pine door frames for birch door frames as specified.....	2 000 00
<i>Subtotal</i>	\$224 500 00

¹ Members of the Consultative Committee are: John E. Cribbet, Professor of Law, *Chairman*; Robert Ferber, Professor of Economics and Marketing, Research Professor in the Bureau of Economic and Business Research, in the College of Commerce and Business Administration, and Director of the Survey Research Laboratory, in the Graduate College; Robert W. Resek, Associate Professor of Economics; Donald H. Skadden, Professor of Accountancy; Daniel M. Slate, Associate Professor of Business Administration, Associate Professor of Marketing, Head of Department of Marketing, and Acting Head of Department of Industrial Administration; Martin Wagner, Professor of Labor and Industrial Relations and Director of Institute of Labor and Industrial Relations.

Exclusive of the Dean of the College (who according to custom did not participate in the consultative discussion), the members of the Executive Committee of the College are: Carl T. Arlt, Professor of Money, Banking, and Finance; Norton M. Bedford, Professor of Accountancy; Marvin Frankel, Professor of Economics and Research Professor in Bureau of Economic and Business Research; A. James Heins, Associate Professor of Economics; Robert K. Mautz, Professor of Accountancy; Robert I. Mehr, Professor of Finance.

Plumbing—David W. Reichard Plumbing & Heating Co., Inc., Urbana.....	29 560 00
Heating and Air Conditioning—Ralph Vancil, Inc., Cairo.....	41 585 00
Ventilating—Inskip Plumbing, Heating & Air Conditioning Co., Champaign.....	21 812 00
Electrical—Potter Electric Service, Inc., Urbana.....	50 385 00
<i>Total</i>	<u>\$367 842 00</u>

The balance of funds needed for the project is available from state capital appropriations to the University from the Universities Building Fund.

A report from the Physical Plant Department, including a schedule of bids received, is submitted herewith, and a copy is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Swain; no, none; absent, none.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR
CONSTRUCTION OF SCIENCE AND ENGINEERING CENTER
BUILDING CAISSONS, CHICAGO CIRCLE**

(4) On July 25, 1967, the Illinois Building Authority received bids for the Science and Engineering Center Building Caissons at the Chicago Circle Campus, which is the first phase of construction on the Science and Engineering Center Building. The lowest bidder is Case International Company, Roselle, with a bid of \$227,380. A bid was also received from the Gust K. Newberg Construction Co., Chicago, in the amount of \$280,000. The lowest bidder is deemed qualified to perform the work.

The project is a part of the construction for the Chicago Circle campus which the Board, at its meeting on July 26, 1967, requested the Illinois Building Authority to provide. The Authority will finance the construction and lease the facilities to the University. Funds for rental payments are available in state capital appropriations to the University. Jurisdiction of the land on which the project will be constructed will also be transferred to the Authority.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that, pursuant to the authority granted by the Board at its meeting on July 26, 1967, the Executive Committee of the Board of Trustees request the Illinois Building Authority to award a contract for the described work to the lowest bidder and proceed to procure this facility for the use of the University.

It is also recommended that the Comptroller and Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments of transfer, conveyance, lease, contract, and other documents as are necessary to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

I concur and recommend adoption of the resolution submitted herewith to implement the official actions required including authorization of the instrument of transfer of jurisdiction of real estate to the Illinois Building Authority.

Resolution

Be It, and It Hereby Is, Resolved by the Executive Committee of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to the Case International Company, Roselle, a contract in the amount of \$227,380.00 for construction of the Science and Engineering Center Building Caissons at the Chicago Circle Campus in accordance with the base bid submitted.

Be It, and It Hereby Is, Further Resolved by the Executive Committee of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge, and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Swain; no, none; absent, none.

Resolution

WHEREAS the Seventy-Fifth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, a Science and Engineering Center Building on the Chicago Circle Campus of the University of Illinois in Chicago, Illinois; and

WHEREAS for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said building will be located; and

WHEREAS The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois, has been requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said building.

Now, Therefore, Be It and It Is Hereby Resolved by the Executive Committee of The Board of Trustees of the University of Illinois, pursuant to authority granted said Executive Committee by The Board of Trustees of the University of Illinois at its July 26, 1967, meeting, as follows:

Section 1. That the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be and they are hereby authorized to execute, acknowledge, and deliver in the name and on behalf of this corporation, an instrument of transfer of jurisdiction to the property described in the attached document entitled "Instrument of Transfer" which said form of Instrument of Transfer is, by this reference, incorporated in and made a part of this Resolution.

On motion of Mr. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Swain; no, none; absent, none.

REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE CONTRACT FOR CONSTRUCTION OF CHICAGO CIRCLE CAMPUS, PHASE II — IMPROVED LIGHTING SYSTEM FOR ADDITION TO THE LIBRARY

(5) The Vice-President and Comptroller and the Director of the Physical Plant recommend that the Board request the Illinois Building Authority to authorize an increase of \$16,254.02 in the contract with the Gust K. Newberg Construction Co., Chicago, for construction of Chicago Circle Campus, Phase II, to provide improved lighting conditions in the Library Building Addition.

Funds are available in the project budget.

I concur.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Swain; no, none; absent, none.

REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE CONTRACT FOR CONSTRUCTION OF CHICAGO CIRCLE CAMPUS, PHASE II — MODIFICATION OF HEATING SYSTEM FOR ADDITION TO THE LIBRARY

(6) The Vice-President and Comptroller and the Director of the Physical Plant recommend that the Board of Trustees request the Illinois Building Authority to authorize an increase of \$16,078.32 in the contract with the Gust K. Newberg Construction Co., Chicago, for construction of Chicago Circle Campus, Phase II, which

¹ The "Instrument of Transfer" is being filed with the Secretary of the Board for record.

will provide for additional expansion loops and anchorages for the fin tube radiation in the addition to the Library.

Funds are available in the project budget.
I concur.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Swain; no, none; absent, none.

PURCHASES

(7) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller.

The list of purchases recommended for Board approval was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds.....	\$ 410 294 96
From Institutional Funds.....	627 387 90
<i>Grand Total</i>	<u>\$1 037 682 86</u>

A complete list of the purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting and a copy has been filed with the Secretary of the Board for record.

On motion of Mr. Swain, the purchases recommended were authorized.

The business of the meeting having been concluded, on motion of Mr. Swain, the Executive Committee adjourned.

The Executive Committee of
The Board of Trustees
of the University of Illinois

HOWARD W. CLEMENT
TIMOTHY W. SWAIN

EARL W. PORTER
Secretary and Clerk

WAYNE A. JOHNSTON, *Chairman*

REPORT OF THE EXECUTIVE COMMITTEE

August 31, 1967

On call of the Chairman, a meeting of the Executive Committee of The Board of Trustees of the University of Illinois was held in Room 800, 135 East Eleventh Place, Chicago, Illinois, on Thursday, August 31, 1967, beginning at 11:30 a.m.

The meeting was called for consideration of reports and recommendations from the President of the University on matters of business, including acquisition of property, requiring approval by the Board of Trustees on which action should not be deferred until the regular meeting of the Board in September. The Board at its meeting on July 26, 1967, authorized the Executive Committee to take action at any time prior to the next regular meeting of the Board on transfers of jurisdiction to and leases from the Illinois Building Authority and any other matter relating to the lease, sale, purchase, or acquisition, by or for the University, of real estate, including the authority to exercise the right of eminent domain and to institute condemnation proceedings.

The Chairman asked the Secretary to call the roll, and the following, constituting all members of the Committee, were present: Mr. Wayne A. Johnston, Chairman, Mr. Howard W. Clement, and Mr. Timothy W. Swain. Also present were: Mr. Theodore A. Jones, a member of the Board of Trustees; President David D. Henry; Dr. J. S. Begando, Chancellor of the University of Illinois at the Medical Center; Dr. J. W. Peltason, Chancellor of the University of Illinois at Urbana; Mr. C. S. Havens, Director of the Physical Plant; Mr. James J. Costello, Legal Counsel; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; Mr. Grover Shipton, Associate Director of Public Information at Chicago Circle; and Dr. Earl W. Porter, Secretary of the Board and Clerk of the Committee.

The Committee considered the following reports and recommendations from the President of the University.

REQUEST FOR THE ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR THE CONSTRUCTION OF THE COLLEGE OF NURSING OFFICE AND CLASSROOM BUILDING. ALSO KNOWN AS THE COLLEGE OF NURSING BUILDING, AT THE MEDICAL CENTER CAMPUS

(1) On August 9, 1967, the Illinois Building Authority received bids for all work for the construction of the College of Nursing Office and Classroom Building, also known as the College of Nursing Building, at the Medical Center campus. The lowest bidder is J. L. Simmons Company, Inc., 506 Wabash Avenue, Chicago, Illinois, with a bid of \$4,805,000.

Three other bids were received as follows :

W. E. O'Neil Construction Co., 2751 Clybourn Avenue, Chicago....	\$4 871 000 00
S. N. Nielsen Company, 3059 Augusta Street, Chicago.....	4 891 000 00
Gust K. Newberg Construction Co., 2040 N. Ashland Avenue, Chicago.....	5 370 000 00

The lowest bidder is deemed fully qualified to construct this project.

The project is one of those which the Board of Trustees, at its meeting on July 26, 1967, requested the Illinois Building Authority to provide. The Authority will finance the construction and will lease the facilities to the University for rental payments appropriated by the Illinois General Assembly. The University will transfer jurisdiction of the land on which the project will be constructed to the Authority.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that, pursuant to the authority granted by the Board at its meeting on July 26, 1967, the Executive Committee of the Board of Trustees request the Illinois Building Authority to award a contract for the described work to the lowest bidder and proceed to procure this facility for the use of the University.

It is also recommended that the Comptroller and the Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments of transfer, conveyance, lease, contract, and other documents as are necessary to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

I concur and recommend adoption of the resolutions submitted herewith to implement the official actions required including authorization of the instrument of transfer of jurisdiction of real estate to the Illinois Building Authority.

Resolution

Be It, and It Hereby Is, Resolved by the Executive Committee of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to the J. L. Simmons Company, Inc., 506 Wabash Avenue, Chicago, Illinois, a contract for the entire work for the construction of the College of Nursing Office and Classroom Building, also known as the College of Nursing Building, at the

Medical Center, for the fixed price of \$4,805,000, consisting of a base bid and four additive alternates.

Be It, and It Hereby Is, Further Resolved by the Executive Committee of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Swain; no, none; absent, none.

Resolution

WHEREAS the Seventy-Fifth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, a College of Nursing Office and Classroom Building, also known as the College of Nursing Building, at the Medical Center of the University of Illinois in Chicago, Illinois; and

WHEREAS for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said building will be located; and

WHEREAS The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois, has been requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said building.

Now, Therefore, Be It and It Is Hereby Resolved by the Executive Committee of The Board of Trustees of the University of Illinois, pursuant to authority granted said Executive Committee by The Board of Trustees of the University of Illinois at its July 26, 1967, meeting, as follows:

Section 1. That the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be and they are hereby authorized to execute, acknowledge and deliver, in the name and on behalf of this corporation, an instrument of transfer of jurisdiction to the property described in the attached document entitled "Instrument of Transfer"¹ which said form of Instrument of Transfer is, by this reference, incorporated in and made a part of this Resolution.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Swain; no, none; absent, none.

CONTRACTS FOR REMODELING THE SANGAMON STREET BUILDING FOR DEPARTMENTS OF MEDICINE AND MICROBIOLOGY, COLLEGE OF MEDICINE

(2) The Director of the Physical Plant and the Vice-President and Comptroller recommend assignment of \$65,632 from Medical Center Contract Research Reserve and award of contracts for remodeling in the Sangamon Street Building for the Departments of Medicine and Microbiology, College of Medicine, the award being in each case to the lowest bidder, based upon the base bid and recommended alternates.

General — Mutual Contracting Company, Chicago

Base bid \$73 828 00

Additive alternates for:

Assignment of Divisions II through V contracts to the Division I contractor..... 4 103 00

¹ The "Instrument of Transfer" is being filed with the Secretary of the Board for record.

Cost of adding cylinder locks to drawers and doors on laboratory equipment.....	1 390 00	
Cost of adding three-hour fire protection to the exterior walls, columns, and ceilings of the mechanical roof penthouse.....	6 325 00	
Cost of adding five window air conditioning units....	<u>607 00</u>	
<i>Subtotal</i>		\$ 86 253 00
Plumbing and Sewerage Work—Peter H. Smith Co., Chicago		
Base bid.....	\$15 579 00	
Additive alternate for cost of installation of infrared humidifiers in animal rooms.....	<u>645 00</u>	
<i>Subtotal</i>		16 224 00
Heating, Piping, Refrigeration & Automatic Temperature Control Systems—Herman Bogot & Co., Chicago		
Base bid.....	\$58 064 00	
Additive alternates for:		
Cost of installation of infrared humidifiers in animal rooms.....	5 060 00	
Cost of adding five window air conditioning units....	2 011 00	
Cost of installing a chilled water system and controls in lieu of a direct expansion refrigeration system....	<u>3 901 00</u>	
<i>Subtotal</i>		69 036 00
Ventilating—The Robert Irsay Company, Skokie		
Base bid.....	\$40 872 00	
Additive alternates for:		
Cost of extending exhaust duct branches from the ceiling level to the floor level of the animal rooms....	500 00	
Cost of installation of infrared humidifiers in animal rooms.....	<u>200 00</u>	
<i>Subtotal</i>		41 572 00
Electrical—Gerson Electric Construction Co., Chicago		
Base bid.....	\$30 199 00	
Additive alternates for:		
Cost of installation of infrared humidifiers in animal rooms.....	100 00	
Cost of installing a chilled water system and controls in lieu of a direct expansion refrigeration system....	<u>100 00</u>	
<i>Subtotal</i>		30 399 00
<i>Total</i>		<u>\$243 484 00</u>

It is further recommended that all contracts other than the general contract be assigned to the contractor for general work, making the total of his contract price \$243,484. It is also further recommended that an agreement be entered into with Mutual Contracting Company for the assignment of these other contracts for \$4,103, which amount is included in the contract price, being the amount bid by that Company for supervision of other contracts assigned to the general contractor.

The work provides for the remodeling of the second and third floors of the Sangamon Street Building, and includes new lighting, air conditioning, and laboratory equipment.

The remainder of the funds needed for this work was appropriated by the Board on July 27, 1966.

Submitted herewith is the schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Clement, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Swain; no, none; absent, none.

**EMPLOYMENT OF ENGINEERS FOR STREET IMPROVEMENTS
AT URBANA-CHAMPAIGN**

(3) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of the following engineering firms for the projects and at the fees indicated.

- | | |
|--|--|
| <p>A. Street lighting improvements on Florida Avenue from Lincoln Avenue west to the Illinois Central Railroad underpass.
Clark, Dietz & Associates, Urbana</p> | <p>Schedule B of minimum fees adopted by the Illinois Society of Professional Engineers.</p> |
| <p>B. Paving of South First Street Road from the end of the existing pavement south of St. Mary's Road to the access drive serving the University's Children's Research Center and the Adler Zone Clinic, and the paving of South Lincoln Avenue Road from Florida Avenue south to the south right-of-way line of George Huff Drive extended.
Sodemann & Associates, Champaign</p> | <p>Schedule B of minimum fees adopted by the Illinois Society of Professional Engineers.</p> |

Funds are available for the above projects in state capital appropriations to the University for the 1967-69 biennium subject to release by the Governor.

The Advisory Committee on Architectural and Engineering Services has considered these recommendations and recommends approval.

I concur.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Swain; no, none; absent, none.

**EMPLOYMENT OF ENGINEERS FOR EXPANSION OF THE LIBRARY
AIR CONDITIONING CENTER, URBANA**

(4) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of Associate Engineers, Inc., Peoria, for complete engineering services for the expansion of the Library Air Conditioning Center at a fee of 6 per cent of the total construction cost. The expansion will provide required cooling capacity for the Foreign Languages Building, the Music Building, and Smith Music Hall.

Funds are available from state capital appropriations to the University for the 1967-69 biennium subject to release by the Governor.

The Advisory Committee on Architectural and Engineering Services has been consulted and recommends approval.

I concur.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Swain; no, none; absent, none.

PURCHASE AND GIFT OF THE T. W. BALDWIN LIBRARY (URBANA)

(5) T. W. Baldwin, Professor of English, *Emeritus*, is the owner of an extraordinary collection of rare books consisting of approximately 5,806 volumes of sixteenth, seventeenth, and eighteenth century texts of classical authors, with commentaries on them, Bibles and prayer books, rhetorics and histories, all of which are now located in the Rare Book Room of the University of Illinois Library at Urbana. The collection is commonly known as the T. W. Baldwin Library. Professor Baldwin and his wife, Regina Elisabeth Baldwin, propose to make a gift to the University of 350 volumes of this library. The value of this proposed gift is estimated to be \$50,000.

Moreover, Professor and Mrs. Baldwin have offered to sell the remainder of the library to the University for the total sum of \$200,000 to be paid in five equal annual installments of \$40,000 each, subject to the availability of funds.

It has been proposed that the payments be funded as follows:

	<i>First Year</i>	<i>Second Year</i>	<i>Third Year</i>	<i>Fourth Year</i>	<i>Fifth Year</i>
Library gifts and grants (non-state funds).....	\$25 000 00	\$25 000 00	\$25 000 00	\$25 000 00	
University of Illinois Foundation..	7 500 00	7 500 00	7 500 00	7 500 00	\$20 000 00
Contract Research Reserve.....	7 500 00	7 500 00	7 500 00	7 500 00	20 000 00
	<u>\$40 000 00</u>	<u>\$40 000 00</u>	<u>\$40 000 00</u>	<u>\$40 000 00</u>	<u>\$40 000 00</u>

Fifty thousand dollars of the purchase price will be furnished by the University of Illinois Foundation over the period of the purchase pursuant to action taken by the Board of Directors of the University of Illinois Foundation on February 15, 1967.

The Dean of Library Administration and the Vice-President and Comptroller recommend that The Board of Trustees of the University of Illinois accept the proposed gift of 350 volumes of the T. W. Baldwin Library as described above and that the purchase of the remainder of the library on the terms outlined above be approved and that the purchase be funded as proposed, subject to the availability of funds. The Chancellor at Urbana endorses this recommendation.

I concur.

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

PURCHASES

(6) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller.

The list of purchases recommended for Board approval was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds.....	\$161 147 00
From Institutional Funds.....	461 618 88
<i>Grand Total</i>	<u>\$622 765 88</u>

A complete list of the purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting and a copy has been filed with the Secretary of the Board for record.

On motion of Mr. Clement, the purchases recommended were authorized.

INCREASE IN CONTRACT FOR PHASE I CONSTRUCTION OF CHICAGO CIRCLE CAMPUS

(7) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$41,866.30 in the contract with Gust K. Newberg Construction Co., Chicago, for construction of Chicago Circle Campus Phase I.

This increase is for additional work by Fischbach, Moore & Morrissey, Inc., Chicago (\$25,000), based on changes in air handling fixtures in the Library, changes in electrical wiring and modifications in electrical fixtures at various locations on the campus, and repair of work damaged by others. It also includes \$16,866.30 to Gust K. Newberg Construction Co. for additional reinforcing steel required and for window glass breakage replacements.

The foregoing will complete the construction work in Phase I, and final payment could be made to the Gust K. Newberg Construction Co. upon presentation of the waivers and releases called for by the contract documents. Because of pending litigation, it is not feasible for the Gust K. Newberg Construction Co. to obtain the necessary waivers and releases from one of the subcontractors assigned to it by the University. It is therefore recommended that payment of all unpaid balances to the Gust K. Newberg Construction Co. be authorized upon that contractor executing and delivering an undertaking, in a form satisfactory to the Legal Counsel

and underwritten by the contractor's surety, to repay the same to the University in the event litigation is initiated against the University or the contractor by the assigned subcontractor, or any award is made against the University by reason of the claims of the assigned subcontractor or its subcontractors.

Funds are available in the project budget.

I concur.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Swain; no, none; absent, none.

ADDITION TO THE KRANNERT ART MUSEUM, URBANA

(8) It is proposed that the facilities at the Krannert Art Museum be expanded by the construction of an addition east of the present building approximately 78 feet by 118 feet, consisting of a lower level and a ground level area, and certain remodeling in the existing building. The expansion would provide approximately 17,800 square feet of additional space.

The additional space on the lower level would be used for relocating and increasing the size of the workshop and storage areas. The present workshop would be remodeled to provide an additional gallery. The present print exhibit and storage rooms will be remodeled to provide space for an elevator and an office for the Curator. On the ground level, the addition will provide a large gallery with movable partitions to provide flexibility as to the size of the exhibit areas. A passenger elevator will be included to improve facilities for handicapped students and the public. The additional annual operational and maintenance expense when the building is completed is estimated at \$17,955.

Commitments have been received by the University of Illinois Foundation for contributions which will entirely finance the construction of the addition and the remodeling. Construction should be started immediately, and it is recommended that the Board of Trustees approve the project and request the University of Illinois Foundation to proceed with temporary financing and the awarding of contracts for the construction of the facility, subject to approval by the Board of Higher Education.

The Board of Trustees at its meeting on February 9, 1967, approved a contract for architectural services on the Krannert Art Museum Addition with Richardson, Severns, Scheeler & Associates, Inc., Champaign, on the basis of 6 per cent for new construction and cost plus 150 per cent for remodeling work with a maximum cost of \$26,500.

Based on the above, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the contract with Richardson, Severns, Scheeler & Associates, Inc., be amended to increase the maximum cost to \$50,000.

The Committee on Buildings and Grounds has reviewed and approved this recommendation.

I concur.

On motion of Mr. Clement, this recommendation was approved.

CONTRACT FOR BUS SERVICE FOR URBANA-CHAMPAIGN CAMPUS

(9) The Director of Purchases and the Vice-President and Comptroller recommend authorization of a contract with the Champaign-Urbana City Lines, Inc., Champaign, for a chartered bus service for students, faculty, staff, and other authorized personnel, for the period September 1, 1967, through August 31, 1968, at an estimated total expenditure of \$64,826. Bids were invited from five other transportation companies, but the Champaign-Urbana City Lines, Inc., is the only bidder, at prices of \$6.15 per hour, with fare collection, and \$6.00 per hour, without fare collection.

In order to serve students in University housing and outlying areas (such as in Orchard Downs) and staff, it is necessary to supplement the public transportation system in Urbana-Champaign by continuing an orderly intra-campus chartered transportation system. The charter bus service on regular schedules (Illi-Bus) will be provided at \$6.15 per hour, per bus; special chartered service and the Faculty-Staff bus will be provided, without fare collection, at \$6.00 per hour, per bus.

The total cost is based on:

An estimated 11,362 Illi-Bus hours, less an estimated \$38,550 in fares..	\$31 326 00
Estimated 5,000 bus hours for Faculty-Staff bus, plus 583 hours for special charter intra-campus conference transportation.....	33 500 00
<i>Estimated net total</i>	<u>\$64 826 00</u>

Funds are available in the Physical Plant budget and from special use charges for the Faculty-Staff bus use. The cost of Illi-Bus service will be provided from fees collected plus housing division income.

I recommend authorization of this contract.

On motion of Mr. Swain, this contract was authorized as recommended by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Swain; no, none; absent, none.

RECESS AND EXECUTIVE SESSION

Chairman Johnston announced that an executive session had been requested and was being ordered to consider the following item of business concerning property acquisition.

On motion of Mr. Swain, the Committee recessed.

When the Committee reconvened in executive session, the same members of the Committee and officers of the University as recorded at the beginning of these minutes were present.

The Committee considered the following item of business presented by the President of the University.

PROPOSED ACQUISITION OF 1116-1118 WEST NEVADA STREET, URBANA

(10) The site for the Music Building was authorized by the Committee on Buildings and Grounds of the Board of Trustees at its meeting on June 16, 1965. The site consisted of three lots on Oregon Street and one lot fronting on Nevada Street.

As a result of planning studies by the University and the architects, it has been concluded that the existing site is not adequate to meet the planning restrictions of the State Board of Higher Education and that the acquisition of additional property will be required. After studying various alternate plans possible, the architects have recommended that the University acquire the two additional properties at 1116 and 1118 West Nevada Street which are contiguous to property now owned. The preliminary design has been carefully worked out with the School of Music and has been reviewed with Mr. Abramovitz and Dean Weller in terms of its aesthetic relationship with the Krannert Center for the Performing Arts.

Funds can be made available in the University's land acquisition program for 1967-69 to be financed from either state capital appropriations or through the University of Illinois Foundation.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board authorize officials of the University to secure appraisals and negotiate with the owners for the acquisition of this property.

I concur.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Swain; no, none; absent, none.

The business of the meeting having been concluded, on motion of Mr. Swain, the Executive Committee adjourned.

The Executive Committee of
The Board of Trustees
of the University of Illinois
HOWARD W. CLEMENT
TIMOTHY W. SWAIN
WAYNE A. JOHNSTON, *Chairman*

EARL W. PORTER
Secretary and Clerk

RECOMMENDATIONS FROM MR. TIMOTHY W. SWAIN

Mr. Swain then presented the following recommendations:

Recommendations Concerning New Campuses

As a representative of this Board on the Illinois Board of Higher Education, I should like to suggest that the Board of Trustees take official cognizance of the recent action of the Board of Higher Education concerning the development of new campuses in Springfield and Chicago.

As has been reported in the press, the Board of Higher Education on September 13 established a committee to consider the questions of general location, campus mission and governance of a new campus in Springfield and a new campus in Chicago. This action was taken in response to legislation passed by the General Assembly in the last session and approved by the Governor on July 14. The Committee was instructed by the Board of Higher Education to report and make recommendations within the next sixty days.

As is well known, on several occasions representatives of this Board have made known the interest of the University of Illinois in planning and ultimately operating a new campus in Springfield and one or more new campuses in Chicago. The University's concern for the need to plan and develop new campuses in Illinois was first expressed in a comprehensive way in 1964, when the desirability of statewide attention to this question was identified by the President of the University and the Board of Trustees.

Therefore, I recommend and move that the Board of Trustees direct the administrative officers of the University to prepare a report indicating the University's interest in the establishment of a new campus in Springfield and present it to the Board of Higher Education for the use of the committee just established.

In addition, I recommend that the administrative officers be directed to submit to the Board of Trustees at its meeting on October 16 a report on University studies of possible programs and general locations for a new degree-granting campus in the Chicago Metropolitan Area.

On motion of Mr. Swain, seconded by Mr. Grimes, this recommendation was approved. Mr. Page asked to be recorded as not voting inasmuch as he will be serving as a member of the Special Committee on New Senior Colleges of the Illinois Board of Higher Education.

**Recommendation Concerning the Expansion of the Programs
of the University of Illinois in the Health Sciences and Professions**

The Executive Director of the Board of Higher Education announced at the Board's meeting on September 13 that a report probably would be submitted in November on the "Study of Education in the Health Fields" being conducted for the Board under the direction of Dr. James A. Campbell (President of Presbyterian-St. Luke's Hospital).

Although the administrative officers of the University have submitted to the Study Director a substantial body of information concerning its current programs and various proposals for expansion in these fields, no definitive plans have yet been officially reviewed and approved by the Board of Trustees. I recommend, therefore, that the administrative officers be directed to submit to this Board at its meeting on October 16, a long-term comprehensive plan for the expansion of the University's activities in the health sciences and professions—involving all of its campuses and including the basic health sciences, medicine, dentistry, nursing, pharmacy, public health, and allied fields.

On motion of Mr. Swain, this recommendation was approved.

**REQUEST FOR ENROLLMENT REPORT AND REPORT
ON VARIOUS ETHNIC GROUPS**

Mr. Jones inquired about the desirability of receiving reports as soon as possible concerning enrollments relating to University activity in the field of human relations and enrollment reports of students from various ethnic groups. He also expressed interest in a report of the

work and mission of the new Center for Urban Studies. He thereupon moved that the administrative officers be directed to prepare and submit informational reports on these matters. This passed unanimously. The President of the University indicated that the annual report on human relations would soon be forthcoming, that it was now in process, and that fall enrollment reports would be available soon. He indicated that Director William L. Garrison of the Center for Urban Studies (who was in attendance at the meeting and was recognized) would be asked to make a special report to the Board at the earliest possible time.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

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 passed the standard written examination given in May, 1967, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

LOUIS THOMAS ADDANTE, Chicago, Illinois	GEORGE ROBERT BRUHA, La Grange Park, Illinois
PHILIP FRANCIS ALBRECHT, Dolton, Illinois	PETER BORDEN BRUNE, Park Ridge, Illinois
AARNE ANDERSON, Wood Dale, Illinois	DONALD JOSEPH CALABRIA, Forest Park, Illinois
HENRY MOORE ANDING, JR., Evanston, Illinois	JOHN CHARLES CARLYLE, Chicago, Illinois
MILFORD AMES ARDELL, Chicago, Illinois	HOWARD LEROY CARVER, Madison, Wisconsin
GEORGE HAROLD ASHLEY, Chicago, Illinois	DENNIS BRUCE CHASE, Libertyville, Illinois
HENRY RALPH BALDWIN, Elmhurst, Illinois	VIRGIL LEE COLE, La Grange Park, Illinois
PETER QUENTIN BANKS, Chicago, Illinois	STEPHEN LESLIE CORN, Champaign, Illinois
BARRY RHOADES BARNARD, Park Forest, Illinois	DON HOWARD CURTIS, Park Forest, Illinois
JOHN FREDERICK BARTELS, Tallahassee, Florida	EUGENE VINCENT CWIERTNIAK, Hickory Hills, Illinois
MARY KATHLEEN BATES, Aurora, Illinois	JAMES LEONARD CZECH, Chicago, Illinois
VICTOR FRANKLIN BEEDERMAN, Chicago, Illinois	LOUIS JAY DAVIS, Champaign, Illinois
LAWRENCE BERNARD BERKOWITZ, Chicago, Illinois	MARY CATHERINE DOHERTY, Chicago, Illinois
ROBERT LEE BERNAUER, Chicago, Illinois	GREGORY MICHAEL DOLD, Park Forest, Illinois
EUGENE HOWARD BERNSTEIN, Elgin, Illinois	MICHAEL THOMAS DUKE, Chicago, Illinois
WILLIAM PATRICK BERRY, Oak Park, Illinois	GARY FRANKLIN ECHOLS, Belleville, Illinois
KENNETH JOHN BOELTS, Villa Park, Illinois	MARSHALL EUGENE EISENBERG, Evanston, Illinois
SHELDON ARNOLD BRODER, Chicago, Illinois	

- GEORGE RICHARD JOSEPH ERICK, Elk
 Grove Village, Illinois
 LEE EDWARD EVANS, Riverdale, Illinois
 WALTER JOHN FELDMANN, Skokie,
 Illinois
 ALAN STUART FINGER, Skokie, Illinois
 LOUIS MARTIN FISCHER, Chicago
 Heights, Illinois
 GARY LEE FISH, Bloomington, Illinois
 ROY PHILIP FRANCHINO, Milan, Italy
 RICHARD MARTIN GABRIEL, Oak Park,
 Illinois
 MARSHALL ALLEN GARDNER, Chicago,
 Illinois
 THOMAS JOSEPH GAVIN, Oak Forest,
 Illinois
 JOHN MICHAEL GAYNOR, Chicago,
 Illinois
 EARL FRED GEBEL, Des Plaines, Illinois
 GEORGE NATHAN GILKERSON, JR.,
 Mattoon, Illinois
 JAMES RAY GILLETTE, Monmouth,
 Illinois
 ARTHUR RICHARD GOLDBECK,
 La Grange, Illinois
 ERROL GENE GOLUB, Skokie, Illinois
 PAUL NEIL GORDON, Chicago, Illinois
 ROSANN MARIE GORMAN, Manteno,
 Illinois
 EDWARD EVERETT GRAY, JR., Springfield,
 Illinois
 WALTER ALBERT GUYER, Mt. Prospect,
 Illinois
 FRANK JOSEPH HABDAS, JR., Westmont,
 Illinois
 HOWARD EUGENE HABENICHT, Western
 Springs, Illinois
 FRANK ALEXANDER HAHN, Blue Island,
 Illinois
 ROSALIE CARLOTTA HALLBAUER,
 Chicago, Illinois
 CLARENCE LEONARD HARRIS, Chicago,
 Illinois
 ARNOLD STUART HARRISON, Chicago,
 Illinois
 ROBERT DANIEL HAYER, Oak Park,
 Illinois
 STEWART MORRIS HERMAN, Chicago,
 Illinois
 ODELL HICKS, JR., Chicago, Illinois
 RICHARD ALAN HINTZ, Downers Grove,
 Illinois
 CATHERINE ELIZABETH HOLTZCLAW,
 Decatur, Illinois
 JAMES JOSEPH HOPKINS, Evergreen
 Park, Illinois
 ROBERT ANTHONY HORNBROOK,
 Wilmette, Illinois
 ROBERT JOHN IVANAUSKAS, Chicago,
 Illinois
 ROBERT GEORGE JOHNSON, Dolton,
 Illinois
 ARCHIBALD WILLIAM JOHNSTON, JR.,
 Oak Park, Illinois
 JAMES WESLEY JOHNSTON, Dolton,
 Illinois
 DUDLEY WILLIAM JOYCE, Elmwood
 Park, Illinois
 JAMES ELLIOT KADING, Des Plaines,
 Illinois
 KEITH CHARLES KAKACEK, Naperville,
 Illinois
 ALLEN EPHRAIM KANTER, Harwood
 Heights, Illinois
 FRANK THOMAS KAPPLE, Deerfield,
 Illinois
 JEFFREY BENJAMIN KARP, Skokie,
 Illinois
 JAMES BENEDICT KATCH, Chicago,
 Illinois
 CAROL EILEEN KENNEDY, Forest City,
 Illinois
 ROBERT LEE KLEINBERG, Chicago,
 Illinois
 DENIS ALAN KLEINFELD, Glencoe,
 Illinois
 RONALD LEE KOZOMAN, Joliet, Illinois
 BARRY BENJAMIN KREISLER, Skokie,
 Illinois
 CHESTER WILLIAM KRUSZELY, Stickney,
 Illinois
 DAN OLAV LAKSFOSS, Chicago, Illinois
 JOHN J. LESNER, Chicago, Illinois
 STEVEN EDWARD LINDBLAD, Glenview,
 Illinois
 ROGER WILSON LOGAN, Springfield,
 Illinois
 PHILIP LEON LONGMIRE, Chicago,
 Illinois
 LYNN DIANE LOTKA, Chicago, Illinois
 BRUCE JAY LURIE, St. Louis, Missouri
 STEVEN DAVID LUSTIG, Chicago, Illinois
 ROBERT EDMUND MALONE, Hazel Crest,
 Illinois
 PHILIP HERMAN MANASSE, Des Plaines,
 Illinois
 HARVEY MARK MARGOLIS, Chicago,
 Illinois
 STANLEY ALLAN MARTIN, Savoy,
 Illinois
 GEORGE BRADLEY MATHEWSON, Pana,
 Illinois
 WILLIAM JAMES McCABE, Chicago,
 Illinois
 WILLIAM ROY McCLAYTON, Park Ridge,
 Illinois
 JACK LOUIS McCOOK, Riverside, Illinois
 FRANK LEE McCORMICK, DeKalb,
 Illinois
 CARLOTTA JEAN McELROY, Urbana,
 Illinois
 WILLIAM JOSEPH McNALLY, JR.,
 Chicago, Illinois
 ROBERT MEJIA, Chicago, Illinois

- MARTIN MELINGER, Skokie, Illinois
STEPHEN MILTON MELTZ, Evanston, Illinois
HAROLD JOSEPH MEYER, Palo Alto, California
MARTIN RONALD MEYERS, Chicago, Illinois
RICHARD ALAN MICHALAK, Evergreen Park, Illinois
MARVIN CHARLES MILES, Arlington Heights, Illinois
DUANE LEON MILLER, Bloomington, Illinois
LARRY MACK MITCHELL, Robinson, Illinois
JAMES ANTHONY MOORE, Chicago, Illinois
FRANK WILBUR MORRASY, Sycamore, Illinois
ERNEST THORNHILL NORTHRUP, Augusta, Georgia
PETER NORDAL NUSTAD, Clarendon Hills, Illinois
JAMES JOHNS OGOREK, Chicago, Illinois
JOE OLINGER, Des Plaines, Illinois
DONALD LANDIS OLSON, Jr., Rock Island, Illinois
BRENDAN MICHAEL O'NEILL, Riverdale, Illinois
DONALD FRED PASSALACQUA, Effingham, Illinois
JONATHAN HARRIS PERLMAN, Chicago, Illinois
JOHN WILLIAM PETERSON, Chicago, Illinois
THOMAS ADAM PHILLIPS, Glencoe, Illinois
KENNETH MARK PISTORIUS, Moweaqua, Illinois
STEPHEN GLENN POOL, Ottawa, Illinois
DAVID LEE POPEJOY, Bloomington, Illinois
JOHN HARLAN RATHE, Champaign, Illinois
LOUIS ALAN REISMAN, Chicago, Illinois
JERRY DEE REX, Evanston, Illinois
DAVID ARTHUR RINGSTAD, River Grove, Illinois
RICHARD ALAN ROGGEVEEN, Chicago, Illinois
LAWRENCE ALBERT ROSENBERG, Chicago, Illinois
LEONARD FRANCIS ROSSBACH, Berwyn, Illinois
BRUCE JAMES ROTH, Chicago, Illinois
DAVID MAURICE RUBIN, Skokie, Illinois
ANTHONY RAYMOND RUFFATTI, Joliet, Illinois
RICHARD LYNN RUSSELL, Springfield, Illinois
JAMES HENRY RUTZ, Chicago, Illinois
VINCENT THOMAS RYAN, Chicago, Illinois
- GERALD ARTHUR SAUVE, Chicago, Illinois
ALAN CHARLES SCHMIEDERER, Chicago, Illinois
JOE BOB SCOTT, Oak Park, Illinois
BERNARD REUBEN SERED, Chicago, Illinois
WAYNE JOHN SHUST, Chicago, Illinois
EDWARD JOSEPH SIERACKI, Lombard, Illinois
GARY ALAN SILVERS, Chicago, Illinois
JAMES FREDRIC SINGELMAN, Harvard, Illinois
JOSEPH MICHAEL SMRIGA, Joliet, Illinois
ROBERT EDWARD SNYDER, Chicago, Illinois
PAUL GEORGE SOTOS, Dundee, Illinois
PETER JOSEPH STRAMAGLIA, Chicago, Illinois
DONALD GEORGE STREBEL, Arlington Heights, Illinois
ROBERT NICHOLAS STUMPF, Chicago, Illinois
MICHAEL DENNIS SULLIVAN, Oak Forest, Illinois
ROBERT KEVIN SULLIVAN, Chicago, Illinois
ALLAN CAMERON SUTHERLAND, Urbana, Illinois
MYRA AGNES SWICK, Park Ridge, Illinois
LARRY ENOCH SYDES, Champaign, Illinois
ROBERT FRANCIS TANNER, Chicago, Illinois
ROBERT SHERWOOD THAYER, East Chicago, Indiana
MICHAEL G. THOMPSON, Rockford, Illinois
ROBERT VERN TINKHAM, Wilmette, Illinois
BRUCE DOUGLAS TOBECKSEN, La Grange Park, Illinois
JOHN BUDD TRUSKOWSKI, Rolling Meadows, Illinois
MICHAEL LEWIS UNDERWOOD, Peoria, Illinois
HARVEY ALLEN UNGERLEIDER, Des Plaines, Illinois
THEODORE FRANCIS UNTON, Chicago, Illinois
EUGENE GEORGE UTTENWEILER, Streamwood, Illinois
CLIFFORD DONALD VOJTA, La Grange Park, Illinois
JAMES ARTHUR VOLLMER, Chicago, Illinois
MARY ELIZABETH WALSH, Chicago, Illinois
GERALD WAYNE WARSHAW, Chicago, Illinois
MARTIN JAY WEISS, Champaign, Illinois

CALVIN BENJAMIN WELLS, Park Forest, Illinois	DONALD ANDREWS WRIGHT, Park Forest, Illinois
JOHN MAURICE WILLIAMSON, Groveland, Illinois	ROBERT LOUIS ZAMBRENO, Elmhurst, Illinois
ARNOLD DEAN WILLMS, Collinsville, Illinois	ROBERT JOSEPH ZIMA, Clarendon Hills, Illinois
STANLEY ALLEN WILSON, Palatine, Illinois	

The Committee on Accountancy further recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Illinois Accountancy Act of 1943, as amended, 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 EMMET BIBLER	Franklin Park, Illinois	Maryland
GEORGE EPHRAIM BRAMMER	Rockwood, Tennessee	Virginia
JEFF DARRELL BURTON	Florissant, Missouri	Missouri
MILTON HOLCOMB FORTSON	Wheaton, Illinois	Texas
LARRY ALTON JOBE	West Chicago, Illinois	Texas
HAROLD ALVON KNOTTS	Arlington Heights, Illinois	California and Texas
SHELDON IRVIN LANDMAN	Niles, Illinois	District of Columbia
EMANUEL W. MARION	Dearborn, Michigan	Michigan
BARRY ALAN SWARTZ	Skokie, Illinois	District of Columbia

I concur.

On motion of Mr. Jones, these certificates were awarded.

ADVISORY COMMITTEE FOR THE DIVISION OF UNIVERSITY EXTENSION

(2) The Dean of the Division of University Extension recommends the following appointments to the Advisory Committee for the Division for two years beginning September 1, 1967.

University Representatives

Dr. H. W. BAILEY, Associate Chancellor, Chicago Circle Campus
Dr. NAT E. SMITH, Assistant Dean, College of Medicine, Medical Center Campus

Non-University Representatives

RUEL HALL, County Superintendent of Schools, Kankakee County, Kankakee 60901
R. C. MCKAHAN, General Operations Supervisor, Illinois Bell Telephone Company,
225 West Randolph Street, Chicago 60606
BOB WILLIAMS, Director of Training Branch, Rock Island Arsenal, Rock Island
61201

I concur.

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

CHAIRMANSHIP OF THE DEPARTMENT OF ECONOMICS, URBANA

(3) The Acting Dean of the College of Commerce and Business Administration recommends the appointment of Dr. Marvin Frankel, presently on the faculty, as Professor of Economics on indefinite tenure and Chairman of the Department of Economics at Urbana for two years beginning with the academic year 1967-68 at an annual salary of \$20,000, on an academic year basis.

Professor Frankel will succeed Professor John F. Due who requested that he not be considered for reappointment as Chairman of the Department.

This recommendation is submitted after consultation with the Executive Committee of the Department, and is concurred in by the Chancellor of the Urbana-Champaign campus and the Dean of the Graduate College.

I recommend approval.

On motion of Mr. Swain, 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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A — indefinite tenure; P — indefinite term appointment for part-time service only; B — two years; D — one year; E — nine months from the beginning of the academic year; G — special tenure; Q — initial term appointment for Professor or Associate Professor; T — terminal appointment; Y — twelve months' service required instead of two semesters; 1-7 — indicates the number of years of service which will be credited at the end of the contract period toward completion of the probationary period relating to tenure.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

1. A. OWEN ALDRIDGE, Professor of French, Urbana, beginning September 1, 1967, at an annual salary of \$21,500 (A).
2. PETER C. ALTNER, Assistant Professor of Orthopaedic Surgery, College of Medicine, on nine-tenths time, beginning June 1, 1967, at an annual salary of \$15,000 (1Y90).
3. ELMER H. ANTONSEN, Associate Professor of Germanic Languages and Literatures, Urbana, beginning September 1, 1967, at an annual salary of \$15,000 (A).
4. WALTER L. ARNSTEIN, Professor of History, Urbana, beginning September 1, 1968, at an annual salary of \$16,000 (A).
5. DAVID H. BAKER, Assistant Professor of Animal Science, Urbana, beginning September 1, 1967, at an annual salary of \$12,000 (1Y).
6. HALE C. BARTLETT, Associate Professor of Management, College of Business Administration, Chicago Circle, beginning September 1, 1967, at an annual salary of \$13,000 (Q).
7. HENRY L. BEEKLEY, JR., Assistant Professor of Industrial Administration and Business Administration, Urbana, beginning September 1, 1967, at an annual salary of \$11,500 (1).
8. HAROLD E. BENZINGER, JR., Assistant Professor of Mathematics, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (1).
9. BRUCE C. BERNDT, Assistant Professor of Mathematics, Urbana, beginning September 1, 1967, at an annual salary of \$9,500 (1).
10. AUDREY S. BINGEL, Assistant Professor of Pharmacology, in the Department of Pharmacognosy and Pharmacology, College of Pharmacy, beginning September 1, 1967, at an annual salary of \$9,500 (1).
11. DANIEL B. BLAKE, Assistant Professor of Geology, Urbana, beginning September 1, 1967, at an annual salary of \$10,000 (1).
12. JOHN D. BREDEHOEFT, Visiting Associate Professor of Geology, Urbana, for the academic year 1967-68, at a salary of \$15,000 (E).
13. GEORGE E. G. CATLIN, Visiting Professor of Political Science, Urbana, for four and one-half months from September 16, 1967, at a salary of \$10,000 (E).
14. RICHARD I. CHANG, Assistant Professor of Linguistics, on 85 per cent time, and in Asian Studies, on 15 per cent time, Urbana, beginning September 1, 1967, at an annual salary of \$10,000 (4).
15. KUO-TSAI CHEN, Professor of Mathematics, Urbana, beginning September 1, 1967, at an annual salary of \$20,000 (A).
16. RUTH ANNE CLARK, Assistant Professor of Speech, Urbana, beginning September 1, 1967, at an annual salary of \$10,000 (1).
17. BARBARA COHEN, Assistant Professor of Nursing, College of Nursing, beginning September 1, 1967, at an annual salary of \$9,000 (1).
18. ROBERT E. CONDON, Associate Professor of Surgery, College of Medicine, beginning July 1, 1967, at an annual salary of \$26,000 (AY).
19. MARK P. COSTELLO, Assistant Professor of English, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (1).
20. EVERETT C. DADE, Professor of Mathematics, Urbana, beginning September 1, 1967, at an annual salary of \$20,000 (A).
21. PATRICIA F. DAY, Assistant Professor of Health Science and Staff Physician, Health Service, Urbana, beginning September 1, 1967, at an annual salary of \$17,000 (1Y).

22. JOHANNES M. J. DE WET, Professor of Plant Cytogenetics, Department of Agronomy, Urbana, beginning September 1, 1967, at an annual salary of \$17,000 (AY).
23. HAROLD G. DIAMOND, Assistant Professor of Mathematics, Urbana, beginning September 1, 1967, at an annual salary of \$10,500 (1).
24. LLOYD E. EASTMAN, Associate Professor of History, Urbana, beginning September 1, 1967, at an annual salary of \$12,500 (A).
25. S. Y. ETTINGER, Visiting Research Assistant Professor in the Coordinated Science Laboratory, Urbana, beginning July 13, 1967, at an annual salary of \$12,500 (DY).
26. WALLACE D. FARNHAM, Visiting Professor of History, Urbana, for the academic year 1967-68, at a salary of \$14,500 (E).
27. WILLIAM L. FASH, Associate Professor of Architecture, Urbana, beginning September 1, 1967, at an annual salary of \$12,500 (A).
28. FREDERICK C. FLIEGEL, Professor of Rural Sociology, in the Department of Agricultural Economics and in the Department of Sociology, Urbana, beginning January 1, 1968, at an annual salary of \$20,000 (AY).
29. SUSAN C. FORD, Assistant Professor of Classics, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (1).
30. JAMES W. FOSS, Assistant Professor of Architecture, Urbana, beginning September 1, 1967, at an annual salary of \$10,500 (1).
31. DONALD K. FRIESEN, Assistant Professor of Mathematics, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (1).
32. JAMES W. GARLAND, JR., Associate Professor of Physics, Chicago Circle, beginning September 1, 1967, at an annual salary of \$12,500 (Q).
33. ABRAHAM GELPERIN, Associate Professor of Preventive Medicine and Community Health, College of Medicine, on four-fifths time, beginning July 1, 1967, at an annual salary of \$22,600 (QY80).
34. CARL H. J. GENTZ, Visiting Assistant Professor of Pediatrics, College of Medicine, for eleven months from August 1, 1967, at a salary of \$16,500 (G).
35. DOROTHY F. GILLANDERS, Professor of Physical Education for Women, Chicago Circle, beginning September 1, 1967, at an annual salary of \$13,500 (A).
36. LEONARD E. GOODALL, Associate Professor of Political Science, Chicago Circle, beginning September 1, 1967, at an annual salary of \$13,500 (A).
37. GEORGE B. GRAEN, Assistant Professor of Psychology, Urbana, beginning September 1, 1967, at an annual salary of \$9,500 (1).
38. EDWARD M. GRIFFIN, Assistant Professor of Vocational and Technical Education and in Educational Placement, Urbana, beginning September 1, 1967, at an annual salary of \$14,000 (3Y).
39. CHAIM GUTFINGER, Associate Professor of Energy Engineering, Chicago Circle, beginning September 1, 1967, at an annual salary of \$12,500 (Q).
40. NECIP GUVEN, Visiting Assistant Professor of Geology, Urbana, for the academic year 1967-68, at a salary of \$10,500 (E).
41. PALLE HANSEN, Visiting Professor of Accountancy, Urbana, for four and one-half months from September 16, 1967, at a salary of \$9,000 (E).
42. HELEN M. HEITMANN, Associate Professor of Physical Education for Women, Chicago Circle, beginning September 1, 1967, at an annual salary of \$13,000 (A).
43. MARSHALL HERTIG, Visiting Professor of Epidemiology, Center for Zoonoses Research, College of Veterinary Medicine, Urbana, beginning June 16, 1967, without salary (DY).
44. KEITH A. HITCHINS, Associate Professor of History, Urbana, beginning September 1, 1967, at an annual salary of \$13,000 (A).
45. CARL G. JOCKUSCH, JR., Assistant Professor of Mathematics, Urbana, beginning September 1, 1967, at an annual salary of \$9,500 (1).
46. SHMUEL KANTOROVITZ, Associate Professor of Mathematics, Chicago Circle, beginning September 1, 1967, at an annual salary of \$15,000 (A).
47. HAROLD H. KASSARJIAN, Visiting Associate Professor of Marketing, Urbana, for the academic year 1967-68, at a salary of \$15,000 (E).
48. BOYD R. KEENAN, Professor of Political Science, Chicago Circle, beginning September 1, 1967, at an annual salary of \$17,000 (A).
49. CLARA M. KIRK, Visiting Professor of English, Chicago Circle, on one-half time, for the academic year 1967-68, at a salary of \$8,000 (E50).

50. RUDOLF KIRK, Visiting Professor of English, Chicago Circle, for the academic year 1967-68, at a salary of \$16,000 (E).
51. AMY J. KNORR, Visiting Professor of Vocational and Technical Education, Urbana, for the academic year 1967-68, at a salary of \$12,000 (E).
52. RICHARD LARSON, Assistant Professor of Mathematics, Chicago Circle, beginning September 1, 1967, at an annual salary of \$10,000 (3).
53. LEON M. LEVY, Assistant Professor of Art, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,500 (1).
54. JEFF E. LEWIS, Assistant Professor of Mathematics, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,800 (1).
55. DAVID M. LONG, Associate Professor of Surgery, College of Medicine, beginning September 1, 1967, at an annual salary of \$26,000 (QY).
56. LEONARD A. LOPEZ, Assistant Professor of Civil Engineering, Urbana, beginning September 1, 1967, at an annual salary of \$11,000 (1).
57. ADAM MAKKAL, Assistant Professor of English, Chicago Circle, beginning September 1, 1967, at an annual salary of \$11,000 (1).
58. VALERIE B. MAKKAL, Assistant Professor of English, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,500 (1).
59. ANNE MARKHAM, Assistant Professor of Art, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,500 (1).
60. D. GEORGE MCRAE, Assistant Professor of Mathematics, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (1).
61. RICHARD L. MERRITT, Associate Professor of Political Science, on two-thirds time, and in the Institute of Communications Research, on one-third time, Urbana, beginning September 1, 1967, at an annual salary of \$15,000 (A).
62. DARRELL A. MILLER, Associate Professor of Plant Breeding and Genetics, in the Department of Agronomy, Urbana, beginning June 20, 1967, at an annual salary of \$16,500 (AY).
63. THEODORE MISCHEL, Visiting Professor of Philosophy, Urbana, for four and one-half months from September 16, 1967, at a salary of \$9,500 (E).
64. JEAN MISRAHI, Visiting Professor of French, Urbana, for the academic year 1967-68, at a salary of \$19,000 (E).
65. BIJAN MOHRAZ, Assistant Professor of Civil Engineering, Urbana, beginning September 1, 1967, at an annual salary of \$10,000 (1).
66. N. FREDERICK NASH, Circulation Librarian with rank of Assistant Professor, Library, Urbana, beginning September 1, 1967, at an annual salary of \$9,500 (4Y).
67. SEEV NEUMANN, Assistant Professor of Industrial Administration and Business Administration, Urbana, beginning September 1, 1967, at an annual salary of \$11,500 (1).
68. YVONNE NOBLE, Assistant Professor of English, Urbana, beginning September 1, 1967, at an annual salary of \$9,500 (4).
69. KARL O'LESSKER, Visiting Professor of Political Science, Urbana, for the academic year 1967-68, at a salary of \$17,000 (E).
70. KARL F. OTTO, JR., Assistant Professor of German, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,000 (1).
71. EDWARD PAGE-EL, Assistant Professor of Pediatrics, on one-half time, and in Neurology and Neurological Surgery, on three-tenths time, College of Medicine, beginning September 1, 1967, at an annual salary of \$13,000 (1Y80).
72. JOSEPH PATTERSON, Assistant Professor of Health Education in Health and Safety Education, on 75 per cent time, and in University Extension, on 25 per cent time, Urbana, beginning February 1, 1968, at an annual salary of \$10,500 (1).
73. ALAN J. PESHKIN, Associate Professor of Comparative Education, in the Department of History and Philosophy of Education, Urbana, beginning September 1, 1967, at an annual salary of \$11,000 (Q).
74. NORBERT PFENNIG, Visiting Professor of Microbiology, Urbana, for seven months from September 16, 1967, at a salary of \$11,200 (G).
75. J. RICHARD PHILLIPS, Assistant Professor of Computer Science, Urbana, beginning September 1, 1967, at an annual salary of \$12,000 (1).
76. JÓHAN H. W. POULSEN, Assistant Professor of Germanic Languages and Literatures, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (T).

77. EVERETT A. PRICE, Assistant Professor of Oral Diagnosis, College of Dentistry, on two-fifths time, beginning September 1, 1967, at an annual salary of \$4,000 (BY40).
78. DONALD M. ROBERTS, Associate Professor of Business Administration and Industrial Administration, Urbana, beginning September 1, 1967, at an annual salary of \$15,000 (Q).
79. ROBERT K. RUSHING, Visiting Associate Professor of Law, Urbana, for the academic year 1967-68, at a salary of \$15,500 (D).
80. PAUL E. SAYLOR, Assistant Professor of Computer Science, Urbana, beginning September 1, 1967, at an annual salary of \$11,000 (1).
81. RICHARD T. SCANLAN, Associate Professor of Classics, on 15 per cent time, and of Secondary and Continuing Education, on 75 per cent time, and Counselor, Council on Teacher Education, on 10 per cent time, Urbana, beginning September 1, 1967, at an annual salary of \$16,000 (AY).
82. JOSEPH L. SCHOFER, Assistant Professor of Systems Engineering, on one-half time, and in the Center for Advanced Studies, on one-half time, Chicago Circle, beginning September 1, 1967, at an annual salary of \$10,500 (1).
83. DAVID M. SEGAL, Assistant Professor of Mathematics, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,000 (1).
84. HIDEO SEO, Assistant Professor of Electrical Engineering, Urbana, beginning July 15, 1967, at an annual salary of \$13,000 (1Y).
85. MICHAEL SHAPIRO, Assistant Professor of English, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (1).
86. KENNETH R. SIVIER, Associate Professor of Aeronautical and Astronautical Engineering, Urbana, beginning September 1, 1967, at an annual salary of \$15,000 (A).
87. HERMAN H. SLAYMAN, Extension Specialist with rank of Associate Professor, in the Division of University Extension, beginning September 1, 1967, at an annual salary of \$14,000 (QY).
88. ROBERT I. SOARE, Assistant Professor of Mathematics, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,500 (1).
89. CHARLES A. SORRELL, Visiting Associate Professor of Ceramic Engineering, on one-half time, and of Geology, on one-half time, Urbana, for the academic year 1967-68, at a salary of \$14,000 (E).
90. EDWIN N. THOMAS, Professor of Geography, on one-half time, and in the Center for Urban Studies, Chicago Circle, on one-half time, beginning September 1, 1967, at an annual salary of \$17,500 (A).
91. ROBERT F. TIMM, Assistant Professor of Mechanical and Industrial Engineering, Urbana, beginning September 1, 1967, at an annual salary of \$12,500 (1).
92. ROBERT J. TURNBULL, Assistant Professor of Electrical Engineering, Urbana, beginning September 1, 1967, at an annual salary of \$9,700 (1).
93. LEON WALDOFF, Assistant Professor of English, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (1).
94. JOAN S. WALLACE, Assistant Professor in the Jane Addams Graduate School of Social Work, Chicago Circle, beginning September 1, 1967, at an annual salary of \$11,000 (1).
95. LUITPOLD WALLACH, Professor of Classics, Urbana, beginning September 1, 1967, at an annual salary of \$17,000 (A).
96. BURTON A. WEICHTHAL, Assistant Professor of Animal Science Extension, Urbana, beginning August 1, 1967, at an annual salary of \$12,000 (1Y).
97. ANNE J. WELLS, Assistant Professor of Nursing, College of Nursing, on one-half time, beginning September 1, 1967, at an annual salary of \$4,500 (D50).
98. ROLLIN G. WRIGHT, Associate Professor of Physical Education for Men, on four-fifths time, and Counselor, University Council on Teacher Education, on one-fifth time, Urbana, beginning September 1, 1967, at an annual salary of \$13,500 (A,D).
99. ALEXANDER ZABRODSKY, Assistant Professor of Mathematics, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,500 (1).
100. THEO ZEITLER, Assistant Professor of Art, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (2).

On motion of Mr. Hahn, these appointments were confirmed.

WELDON POWELL PROFESSORSHIPS IN ACCOUNTANCY

(5) On December 8, 1966, the Board of Trustees authorized acceptance of gifts deposited with the University of Illinois Foundation and the establishment of a Professorship in Accountancy named in honor of the late Weldon Powell.

The Department of Accountancy now recommends that the funds received for this purpose by the University of Illinois Foundation be used to establish Weldon Powell Memorial Awards and to establish the Weldon Powell Memorial Lecture-ship Series. The memorial awards would be available to Professors of Accountancy on the Urbana-Champaign campus, and the lectureship series would be held either on the Chicago Circle campus, the Urbana-Champaign campus, or elsewhere as seems appropriate.

The funds now on deposit are in excess of \$130,000. Both programs would be supported by these funds and the earnings thereon, with approximately 80 per cent of the contributed funds devoted to support the Weldon Powell Memorial Awards, and 20 per cent to the financial support of the Weldon Powell Memorial Lecture-ship Series. Both principal and interest would be expended as needed.

The Executive Vice-President and Provost recommends the establishment of the Weldon Powell Memorial Awards and the Weldon Powell Memorial Lecture-ship Series.

I concur.

On motion of Mr. Jones, this recommendation was approved.

AMENDMENT OF SECTION 48 OF THE UNIVERSITY OF ILLINOIS STATUTES

(6) With the concurrence of the Chancellors at each campus, I submit for the consideration of the Board an amendment to Section 48 of the *University of Illinois Statutes* so that the Section would read as follows:

Dean of Students or Student Affairs

Sec. 48 (a) Upon recommendation of the Chancellor at each campus and on the nomination of the President, the Board of Trustees may appoint biennially a dean who shall have general supervision over extracurricular activities of students at that campus.

(b) The responsibility and authority of this officer are set forth in the *General Rules Concerning University Organization and Procedure*.

I recommend provisional approval of this amendment, with the stipulation that the Trustees defer final approval until the present action has been reported to the Senates of all three campuses for their information and further advice.¹

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Dr. Weatherly.

REORGANIZATION OF DEAN OF STUDENTS OFFICE, URBANA

(7) The Dean of Students at Urbana has recommended and the Chancellor has concurred in a plan for the reorganization of his office. Appointments to newly-titled positions and rearrangement of responsibilities will be on acting basis during the 1967-68 academic year subject to further review.

The new organization provides that the present Dean of Women will hold the title *Dean of Student Personnel and Dean of Women*, and that the post of Dean of Men, now vacant, be replaced by a new position, *Dean of Student Programs and Services*.

It is expected that during 1967-68 experience with the new plan of operation will permit further development and refinement of the proposal. However, it is the intent of the Dean of Students that the work of his office will be brought to clearer focus in two major administrative positions: (1) the Dean of Student Personnel and Dean of Women will be responsible for personnel and guidance work

¹ Although the amendment contemplates the ultimate discontinuance of the title University Dean of Students, the incumbent (Dean Fred H. Turner) will continue to hold the title during his tenure at the University.

with individual men and women, coordinating closely with the offices of Financial Aid, Foreign Student Affairs, and Coordinating Placement; (2) the Dean of Student Programs and Services will be directly concerned with programs and policies touching student organizations and activities, residence hall programs, the Housing Division, the Union, and the Security Office. Within the academic year, after further consultation, the Dean of Students will propose changes in title for certain Assistant Deans of Men and Women (and other staff members) to reflect their associations with "Student Personnel" or "Student Programs and Services."

The preliminary steps in this reorganization have been undertaken following extensive consultation with all staff members involved, as well as with numerous faculty members, deans of colleges, and administrative officers. The plan is also consistent with national trends.

It is intended that the reorganization described will be implemented in 1967-68 on an interim basis, pending formal amendment of the *Statutes*, and it is with this understanding that I ask approval.

On motion of Mr. Hahn, this recommendation was approved.

ADMINISTRATIVE CHANGES. PHYSICAL PLANT DEPARTMENT

(8) Under the University *Statutes*, the Director of the Physical Plant is responsible for "the operation and maintenance of and capital additions to the physical plant at Urbana-Champaign (excluding the Airport, Robert Allerton Park, the experimental farms, and properties maintained by the Athletic Association), at the Chicago Professional Colleges, and at the Chicago Undergraduate Division."

After considerable study related to the functions of the Physical Plant Department and in further defining the specific duties to be delegated to campus administration, I am proposing, with the concurrence of the Chancellors and the Director of the Physical Plant, that effective October 1, 1967, on an interim basis and pending formal amendment of the *Statutes*, the following changes in administrative organization and functions related to the Physical Plant Department:

1. That the operation and maintenance services of the Physical Plant and operation and maintenance of Auxiliary Services at each campus be administered by "Campus Directors," who shall report directly to the Chancellor of that campus.
2. That the present title of "Director of Physical Plant Department" be changed to "University Director of Physical Plant Planning and Construction." He shall report directly to the President and will be responsible at all campuses for campus physical plant planning; planning and construction of new buildings and additions to existing buildings; landscape and site development related to these projects; and land acquisition (excluding the Airport, Robert Allerton Park, experimental farms and areas, and properties maintained by the Athletic Association).

A recommendation will be submitted later on revision of *The General Rules Concerning University Organization and Procedure* to reflect the changes.

It is intended that the changes described will be implemented in 1967-68 on an interim basis, pending formal amendment of the *Statutes*, and it is with this understanding that I ask approval.

On motion of Mr. Jones, this recommendation was approved.

DEPARTMENT OF RECREATION AND PARK ADMINISTRATION. URBANA

(9) On recommendation of the department and with the agreement of other departments concerned, the Chancellor at the Urbana-Champaign campus has approved a change in the name of the Department of Recreation and Municipal Park Administration to "Department of Recreation and Park Administration." Since the formation of the department in 1957, courses have been added to the department's curricula which relate to administration of park systems at other levels as well as at the municipal level; hence, the change will reflect more accurately the department's program.

This action is reported to the Trustees for the record.

On motion of Mr. Hughes, this report was received for record.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES, URBANA

(10) The Executive Vice-President and Provost, the Chancellor of the Urbana-Champaign campus, and the Vice-President and Comptroller recommend the following nonrecurring appropriations from:

Urbana-Champaign General Reserve

College of Liberal Arts and Sciences	
Department of Geology, equipment.....	\$ 53 600 00
Department of Zoology, equipment.....	11 940 00
<i>Total, Urbana-Champaign General Reserve.....</i>	<i>(\$ 65 540 00)</i>

Urbana-Champaign Contract Research Reserve

College of Agriculture	
Department of Forestry, greenhouses and headhouse.....	24 759 00

Urbana-Champaign National Science Foundation Cost-of-Education Allowances

College of Engineering	
Nuclear Engineering Program, balance required to upgrade the Nuclear Reactor, to supplement a grant from the National Science Foundation.....	40 000 00
<i>Grand Total.....</i>	<i>\$130 299 00</i>

I concur.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Dr. Weatherly.

REAPPROPRIATION OF UNEXPENDED BALANCES

(11) The Vice-President and Comptroller recommends that the following balances and overdrafts in budget appropriations June 30, 1967, be carried forward for the fiscal year beginning July 1, 1967, in accordance with the usual policy.

I concur.

Urbana-Champaign

Board of Trustees.....	\$	734 00*
President's Office.....	4	609 00
Vice-President's Office.....		238 00*
Executive Vice-President and Provost.....	16	249 00
Vice-President and Comptroller.....	1	273 00*
Office of Secretary of University.....		7 00*
Admissions and Records.....	3	388 00
Legal Counsel.....	4	319 00
Nonacademic Personnel.....		480 00
Public Information.....		568 00
Dean of Students.....	8	922 00
Health Service.....		205 00*
Agriculture.....	21	148 00
Commerce and Business Administration.....		162 00
Education.....	5	156 00
Engineering.....	6	679 00
Fine and Applied Arts.....	3	401 00*
Graduate College.....	5	190 00*
Journalism and Communications.....	1	136 00*
Law.....		634 00
Liberal Arts and Sciences.....	12	305 00*
Physical Education.....	5	234 00*
University Extension.....	25	266 00*
Veterinary Medicine.....		851 00
Armed Forces.....		158 00

* Deduct.

Institute of Aviation	\$ 5 376 00	
Institute of Government and Public Affairs	1 274 00*	
Institute of Labor and Industrial Relations	956 00*	
School of Social Work	1 165 00	
Summer Session	1 647 00*	
University Press	34 200 00*	
Library and Library School	596 00	
Physical Plant:		
Regular operation and maintenance	\$251 784 00	
Renewals and replacements	333 920 00	
Special items	73 903 00	659 607 00
Equipment, maintenance, remodeling, renovations, alterations, etc.:		
Office of Vice-President special equipment	1 420 00	
Office of Chancellor special equipment	18 508 00	
Office of Instructional Resources equipment	1 419 00	
Business Office, Bursar, special equipment	4 547 00	
Dean of Students equipment	3 151 00	
Agriculture Administration special equipment	1 740 00	
Agriculture Administration re- modeling room 123 Mumford Hall	7 046 00	
Agricultural Engineering special equipment	4 764 00	
Agronomy soil sample storage building	1 170 00	
Dairy Science minor buildings	7 294 00	
Dixon Springs Agricultural Center special equipment	3 196 00	
Dixon Springs water system fire protection	4 062 00	
Dixon Springs remodeling administration garage	1 344 00	
Food Science special equipment	3 552 00	
Plant Pathology special equipment	2 729 00	
Commerce Administration special equipment	2 000 00	
Education Administration special equipment	4 847 00	
Civil Engineering special equipment	7 088 00	
Civil Engineering HMRL equip- ment replacement	7 790 00	
Civil Engineering equipment NSF matching grant	3 408 00	
Electrical Engineering NSF matching grant	3 785 00	
Highway Traffic Center special equipment	9 552 00	
Mechanical and Industrial Engineer- ing GY 1362 matching	5 167 00	
Mechanical and Industrial Engineer- ing NSF GE 8795 matching	6 811 00	
Architecture special equipment	2 467 00	
Art graphic design laboratory expense	4 265 00	
Oriental art special materials	2 046 00	

* Deduct.

Photos and slides Chinese art collection	\$ 3 480 00
Music special equipment	5 009 00
Concert Band uniforms	2 226 00
Band uniforms	10 000 00
Krannert Art Museum special equipment	8 700 00
Liberal Arts and Sciences Administration special equipment	1 100 00
Chemistry equipment NSF 9522 matching	15 260 00
Chemistry and Chemical Engineering special equipment	12 466 00
Chemistry equipment NSF 1911 matching	20 836 00
East Chemistry Building addition equipment	8 811 00
Division of General Studies special equipment	2 756 00
Geography special equipment	1 341 00
Geology special equipment	29 587 00
Geology equipment and moving	26 092 00
Life Sciences NSF matching grant	1 231 00
Speech special equipment	1 400 00
Zoology special equipment	2 438 00
Physical Fitness Laboratory special equipment	1 155 00
Physical Education for Women special equipment	2 047 00
Rehabilitation purchase of buses	19 836 00
Allerton House replacements	11 759 00
Veterinary Clinical Medicine special equipment	1 459 00
Willard Airport water distribution system	24 253 00
Library public service special equipment	10 622 00
Library chemistry library equipment move	7 641 00
Nonrecurring unassigned	35 934 00
Administration Building remodeling	3 008 00
Altgeld Hall air conditioning	2 496 00
Architectural studies for future buildings	23 205 00
Armory heating, ventilating, and air conditioning	4 755 00
Bevier Hall remodeling room 30	1 356 00
Burrill Hall equipment controls center	24 724 00
Campus trees labeling program	1 500 00
Davenport Hall remodeling room 113	1 292 00
Dairy Science milk handling room	6 623 00
David Kinley Hall remodeling	8 150 00
Education Building remodeling	5 540 00
Engineering Hall remodeling	8 260 00
Engineering Hall remodeling instructional materials center	4 216 00
Goodwin Avenue temporary relocation	2 490 00
1002 West Green Street remodeling	2 724 00
Harker Hall remodeling	5 119 00

Highway Material Research			
Laboratory fire damage repairs..	\$ 4 206 00		
Ice Rink remodeling.....	4 500 00		
Illini Hall air conditioning.....	8 030 00		
Illini Union remodeling.....	38 078 00		
Illini Towers remodeling.....	1 927 00		
Large Animal Clinic remodeling fans	1 035 00		
Lincoln Hall air conditioning.....	1 260 00		
Lincoln Hall remodeling.....	7 923 00		
Library-Gregory Hall air conditioning.....	5 353 00		
Library remodeling.....	3 690 00		
608 South Mathews Avenue remodeling.....	1 035 00		
McKinley Hospital remodeling room 314.....	18 792 00		
Mechanical Engineering Building remodeling.....	2 400 00		
Mechanical Engineering Building and Laboratory air conditioning	9 707 00		
Men's Old Gymnasium pool renovation.....	14 953 00		
Mumford Hall and Agronomy remodeling.....	27 198 00		
Mumford Hall remodeling.....	1 441 00		
Mumford Hall remodeling TV classroom psychology.....	1 344 00		
Natural History Building remodeling.....	109 214 00		
Natural History Building remodeling geology.....	82 974 00		
Noyes Laboratory remodeling.....	86 801 00		
Nuclear Engineering remodeling laboratory.....	4 913 00		
Nuclear Engineering Laboratory re- modeling measurement program	9 680 00		
Remodeling and minor additions unassigned.....	16 952 00		
801 South Wright Street remodeling	2 355 00		
Tennis courts resurfacing Gregory Drive.....	3 448 00		
Tennis courts fences.....	1 471 00		
Transportation Building remodeling	3 670 00		
Turner Hall greenhouse.....	79 964 00		
Veterinary Clinic small animal unit remodeling.....	2 285 00		
Veterinary Research Farm additional space.....	6 376 00		
1110 West Main Street remodeling..	3 316 00		
Colonel Wolfe School remodeling..	3 738 00		
Women's Gymnasium remodeling..	2 487 00		
Fifty-one items ranging from \$259.00 overdraft to \$989.00....	19 824 00	\$1 090 405 00	
<i>Total, Urbana-Champaign.....</i>			\$1 737 406 00
<i>Medical Center</i>			
Executive Vice-President and Provost.....		800 00	
Chancellor's Office.....		2 216 00	
Business Office.....		10 039 00	
Nonacademic Personnel.....		1 171 00	
Public Information.....		1 356 00	
Illustration Studios.....		707 00	
Medical Research Laboratory.....		155 00	

Medicine.....	\$23 737 00	
Dentistry.....	1 711 00	
Pharmacy.....	8 273 00	
Graduate College.....	5 875 00	
Nursing.....	6 729 00	
Physical Education for Men.....	325 00	
Research Resources Laboratory.....	1 861 00*	
Division of Services for Crippled Children.....	41 564 00	
Research and Educational Hospitals.....	185 072 00*	
Library.....	554 00*	
Physical Plant:		
Regular operation and maintenance	\$110 500 00	
Renewals and replacements.....	107 996 00	
Special items.....	116 863 00	335 359 00
Equipment, maintenance, remodeling, renovations, alterations, etc.		
Chancellor's Office furnishings.....	3 973 00	
Chancellor's Office equipment and furnishings.....	1 200 00	
Television audio console.....	6 162 00	
Television monitors.....	3 298 00	
Centennial exhibit.....	3 360 00	
Pharmacology equipment for teaching laboratory.....	9 800 00	
Carl Zeiss spectrophotometer.....	6 997 00	
Chemistry chromatograph and accessories.....	5 321 00	
Pharmacology and Pharmacognosy special equipment.....	2 025 00	
Pharmacy special equipment.....	6 003 00	
Anaesthesiology install manifold...	2 950 00	
Dietary equipment.....	5 850 00	
Photo tube coldrimer and recorder	5 500 00	
Media service laboratory equipment	14 800 00	
Cardiac laboratory equipment.....	9 900 00	
Nursing closed circuit television system.....	22 400 00	
Equipment replacement hospital addition.....	3 555 00	
Pathology microprojector microfilm machine.....	7 615 00	
Radiology isotope scalers.....	2 366 00	
Renovate and relocate radiology equipment.....	16 000 00	
Repair deep x-ray therapy machine	9 000 00	
Ward special equipment.....	46 015 00	
Statistical Services remodeling.....	14 917 00	
Cashier alarm system.....	2 450 00	
Install electric receptacles.....	1 000 00	
Dentistry-Medicine-Pharmacy Building remodeling room 124..	9 304 00	
Dentistry-Medicine-Pharmacy Building modernize storage room 504.....	3 000 00	
Pharmacy Administration remodeling.....	7 200 00	
Install mail chute.....	7 400 00	
Remodeling rooms 458 and 460....	5 688 00	
Air condition rooms 331, 337, 339, and 345.....	4 500 00	
Air condition room 100.....	8 500 00	

* Deduct.

Air condition dining room.....	\$15 107 00		
Remodel storeroom locker space....	26 973 00		
Darkroom installation.....	15 600 00		
Bathroom facilities room 324.....	2 277 00		
Illinois Eye and Ear Infirmary demolition.....	17 740 00		
Dishwashing complex.....	23 663 00		
Neuropsychiatric Institute remodeling south wing.....	1 236 00		
Admitting Clinic air condition.....	28 243 00		
Install video and audio lines.....	1 750 00		
Install television monitors.....	1 427 00		
Stenographic Service air condition..	3 289 00		
Television Studios air condition....	4 385 00		
Install door room 28.....	1 060 00		
Air condition rooms 140, 142, 144, and 151.....	4 051 00		
East Dentistry-Medicine-Pharmacy estimate for remodeling room 176	1 000 00		
Dentistry-Medicine-Pharmacy Building air condition room 510	1 000 00		
Dentistry-Medicine-Pharmacy Building air condition room 524	1 000 00		
Dentistry-Medicine-Pharmacy Building air condition room 507	1 000 00		
Dentistry-Medicine-Pharmacy Building remove benches, hood, sink, room 204.....	1 000 00		
Dentistry-Medicine-Pharmacy Building minor alterations rooms 372 and 373.....	1 000 00		
Dentistry-Medicine-Pharmacy Building minor remodeling rooms 401, 405, and 408.....	1 000 00		
Dentistry-Medicine-Pharmacy Building extend electric power line eighth to tenth floor.....	1 000 00		
Dentistry-Medicine-Pharmacy Building air condition room 318	1 000 00		
Dentistry-Medicine-Pharmacy Building air condition room 332	1 000 00		
Gas and air service new dental unit	1 650 00		
Dentistry-Medicine-Pharmacy Building air condition room 280	1 000 00		
Dentistry-Medicine-Pharmacy Building air condition room 279B	1 000 00		
Install sink and cabinet.....	1 000 00		
Medical Research Laboratory electrical changes room 46.....	1 000 00		
Sixty-seven items ranging from \$22.00 to \$986.00.....	35 713 00	\$456 213 00	
<i>Total, Medical Center</i>			\$708 743 00
<i>Chicago Circle</i>			
Executive Vice-President and Provost.....	6 371 00		
Chancellor's Office.....	22 496 00		
Business Office.....	968 00		
Legal Counsel.....	24 00		
Nonacademic Personnel.....	711 00		
Public Information.....	695 00		
Health Service.....	903 00		
Alumni Relations and Records.....	502 00*		
Liberal Arts and Sciences.....	6 892 00		
Engineering.....	2 427 00		
Graduate College.....	4 757 00		

* Deduct.

Physical Education.....	\$	226 00	
Armed Forces.....		25 00	
School of Social Work.....		330 00*	
Library.....		29 167 00	
Physical Plant:			
Operation and maintenance.....	\$77 650 00		
Renewals and replacements.....	62 249 00		
Special items.....	15 885 00	155 784 00	
Equipment, maintenance, remodeling, renovations, alterations, etc.			
Matching Illinois 6-0574 instructional research.....	40 346 00		
Matching Illinois 7-0098 instructional research.....	14 365 00		
Bursar special equipment.....	2 908 00		
Education matching title 1 grant...	1 806 00		
Energy Engineering matching NSF GY 1402.....	22 800 00		
Information Engineering matching NSF GY 1722.....	18 700 00		
Geology equipment for Illinois Eye and Ear Infirmary.....	34 203 00		
Geology matching NSF GY 1946...	7 834 00		
Psychology equipment for Illinois Eye and Ear Infirmary.....	1 330 00		
Psychology matching NSF GY 1111	1 619 00		
Speech and Theatre equipment CNB	3 835 00		
Speech and Theatre equipment 11th Street Theatre.....	3 533 00		
Equip Hull House restoration.....	4 039 00		
Stein Building remodeling.....	45 218 00		
Roosevelt Road Building remodeling	3 617 00		
Materials Engineering remodeling Illinois Eye and Ear Infirmary..	3 569 00		
Geology remodeling Illinois Eye and Ear Infirmary.....	20 484 00		
Library partitions room 1-230....	3 228 00		
Emergency repairs electrical system	2 400 00		
Seven items ranging from \$146.00 to \$875.00.....	3 293 00	\$239 127 00	
<i>Total, Chicago Circle.....</i>			\$ 469 741 00
<i>Grand Total.....</i>			\$2 915 890 00

On motion of Mr. Hughes, these reappropriations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Dr. Weatherly.

CONTRACT FOR REROOFING EAST HALF OF NOYES LABORATORY, URBANA

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$69,990 to Petry Roofing and Sheet Metal Co., Champaign, for replacing the roofing, flashings, gutter linings, downspouts, and lightning protection system on the east half of Noyes Laboratory, Urbana-Champaign campus.

Funds are available from the Physical Plant Department budget for this work. I concur.

On motion of Mr. Grimes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Dr. Weatherly.

* Deduct.

**CONTRACTS FOR REMODELING IN NOYES LABORATORY
FOR THE DIVISION OF CHEMISTRY, URBANA**

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend assignment of \$157,280 from the Urbana-Champaign Contract Research Reserve and award of the following contracts, based on the percentages bid for contractors' fees, for remodeling twenty-five rooms in portions of the first, second, third, and fourth floors of Noyes Laboratory for the Division of Chemistry of the College of Liberal Arts and Sciences, Urbana-Champaign, the award in each case to the lowest bidder:

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General — Dean Evans Co., Champaign.....	4	25	12	\$27 220 00	\$223 220 00
Electrical — G. L. Wilsky, an individual doing business as Downtown Electric, Urbana	15	22	0	6 500 00	42 500 00
Plumbing — Wren C. Thomas and Willis H. Thomas, a partnership doing business as Thomas Plumbing and Heating Company, Urbana	15	38	2	13 540 00	59 540 00
Heating, Piping, Refrigeration and Automatic Tempera- ture Control Systems — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	25	35	10	12 100 00	54 200 00
Ventilation and Distribution Systems for Conditioned Air — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	25	30	10	19 600 00	89 600 00

Remaining funds for the work are available from a National Science Foundation Grant (\$200,000) and from a previous allocation approved by the Board of Trustees on April 19, 1967.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Dr. Weatherly.

**CONTRACTS FOR REMODELING IN NOYES LABORATORY
FOR THE DEPARTMENT OF ZOOLOGY, URBANA**

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend assignment of \$53,280 from the Urbana-Champaign General Reserve and award of the following contracts, based on the percentages bid for contractors' fees, for remodeling four rooms in Noyes Laboratory for the Department of Zoology, Urbana-Champaign, the award in each case to the lowest bidder:

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General — Barber & DeAtley, Inc., Urbana.....	5	25	10	\$3 500 00	\$31 500 00
Electrical — G. L. Wilsky, an individual doing business as Downtown Electric, Urbana..	16	23	0	418 00	2 618 00

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
Plumbing—Wren C. Thomas and Willis H. Thomas, a partnership doing business as Thomas Plumbing and Heating Company, Urbana	20	39	5	\$1 264 00	\$5 264 00
Heating, Piping, Refrigeration and Automatic Temperature Control Systems—W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana	30	35	10	760 00	3 360 00
Ventilation and Distribution Systems for Conditioned Air—W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana	30	35	10	610 00	2 610 00

Since W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana, is the lowest bidder with identical fee percentages for heating, piping, refrigeration and automatic temperature controls system work and for ventilation and distribution systems for conditioned air work, it is also recommended that these two awards be combined in a single contract in lieu of separate contracts.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Page, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Dr. Weatherly.

CONTRACT FOR CONSTRUCTION OF NEW STEAM SERVICE TO PERSONNEL SERVICES BUILDING, URBANA

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$18,970 to The Nu-Way Contracting Corp., Chicago, the lowest bidder, for the provision of steam service to the Personnel Services Building, Urbana-Champaign campus.

Funds are available in state capital appropriations to the University for 1967-69 and have been released.

I concur.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Dr. Weatherly.

CONTRACT FOR PROFESSIONAL DESIGN SERVICES, CHICAGO CIRCLE

(16) The Vice-President and Comptroller recommends award of a contract to Skidmore, Owings & Merrill, Chicago, for design services, including layout, selection of materials and fabrications for general and special equipment for Behavioral Sciences Center, Site 2, Phase III, Chicago Circle.

The fee will be based on timecard charges at the firm's usual and customary hourly rates, plus 150 per cent to cover overhead and profit. The estimated total expenditure is not to exceed \$67,000.

Funds are available in state capital appropriations to the University for 1967-69, subject to release by the Governor.

The Director of the Physical Plant concurs in this recommendation.

I concur.

On motion of Mr. Jones, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Dr. Weatherly.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT
FOR CONSTRUCTION OF BEHAVIORAL SCIENCES
CENTER, CHICAGO CIRCLE**

(17) On August 31, 1967, the Illinois Building Authority received bids for the construction of the Behavioral Sciences Center at the Chicago Circle campus. The lowest bidder is Turner Construction Company, Chicago, with a bid of \$8,990,000. Proposals were also received from Gust K. Newberg Construction Co., Chicago, with a bid of \$9,447,000 and S. N. Nielson Construction Co., Chicago, with a bid of \$9,870,000. The lowest bidder is deemed qualified to do the work.

The project is a part of the construction for the Chicago Circle campus which the Board, at its meeting on July 26, 1967, requested the Illinois Building Authority to provide. The Authority will finance the construction and lease the facilities to the University. Funds for rental payments for the present biennium are available in state appropriations to the University. Jurisdiction of the land on which the project will be constructed will also be transferred to the Authority.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees request the Illinois Building Authority to award a contract for the described work to the lowest bidder and proceed to procure this facility for the use of the University.

It is also recommended that the Comptroller and the Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments of transfer, conveyance, lease, contract, and other documents as are necessary to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

I concur and recommend adoption of the resolutions submitted herewith to implement the official actions required, including authorization for the execution and delivery of the instrument of transfer of jurisdiction of real estate to the Illinois Building Authority.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to the Turner Construction Company, Chicago, a contract in the amount of \$8,990,000 for construction of the Behavioral Sciences Center at the Chicago Circle Campus in accordance with the base bid submitted.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge, and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Dr. Weatherly.

Resolution

WHEREAS the Seventy-Fifth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, a Behavioral Sciences Center on the Chicago Circle campus of the University of Illinois in Chicago, Illinois; and

WHEREAS for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said building will be located; and

WHEREAS The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois, has been requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said building.

Now, Therefore, Be It and It Is Hereby Resolved by The Board of Trustees of the University of Illinois, as follows:

Section 1: That the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this corporation, an instrument of transfer of jurisdiction to the property described in the attached document entitled "Instrument of Transfer"¹ dated September 20, 1967, which said form of Instrument of Transfer is, by this reference, incorporated in and made a part of this Resolution.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Dr. Weatherly.

CONTRACT FOR AUTOMATIC LAWN SPRINKLER SYSTEM FOR MALL AREAS, MEDICAL CENTER

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$13,300 to Muellermist Irrigation Co., Broadview, the lowest bidder, for furnishing and installing the irrigation system in the Mall area located adjacent and south of the Chicago Illini Union at the Medical Center.

The system will provide for the irrigation of the landscaping in the Mall and the Union Building areas which now has to be done by tank truck.

Funds are available in state capital appropriations to the University and have been released.

I concur.

On motion of Mr. Swain, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Dr. Weatherly.

EMPLOYMENT OF PLANNING CONSULTANTS

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of the following firms for architectural studies and consulting services on long-range campus planning as directed by the University.

Chicago Circle Campus

Skidmore, Owings & Merrill, Chicago, at a fee of actual costs of technical personnel at customary hourly rates plus 150 per cent.

Urbana-Champaign Campus

Harry Weese & Associates, Chicago, at a fee of actual costs of technical personnel at customary hourly rates plus 150 per cent.

Funds for the Chicago Circle campus work are available in state capital appropriations to the University, subject to release by the Governor. The assignment of \$15,000 from the Urbana-Champaign General Reserve is recommended for the work at Urbana-Champaign.

I concur.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Dr. Weatherly.

¹ The "Instrument of Transfer" is being filed with the Secretary of the Board for record.

MODIFICATION OF ARRANGEMENTS FOR ARCHITECTURAL SERVICES FOR THE MUSIC BUILDING, URBANA

(20) The Board at its meeting on April 19, 1967, approved the employment of Richardson, Severns, Scheeler & Associates, Inc., Champaign, for complete architectural services for the Music Building at the Urbana-Champaign campus. On July 26, 1967, the Board of Trustees, at the request of the Illinois Building Authority, amended its previous action and authorized the employment at a fee of 5½ per cent of the budgeted construction costs, and authorization was given for the assignment of the contract to the Building Authority.

The Building Authority has subsequently offered a fee arrangement, which the architect prefers and which will result in a basic fee through the receipt of bids of 4½ per cent of the budgeted construction cost of \$3,545,500, plus additional payments for supervision and construction administration at a rate of .2 of 1 per cent of the budgeted construction cost, plus the cost of actual time in the field of their personnel during construction plus 125 per cent.

As this contract will be assigned to the Illinois Building Authority and as the proposed fee arrangement meets with its approval, the Director of the Physical Plant and the Vice-President and Comptroller recommend that actions of the Board relating to this project be amended as indicated above.

I concur.

On motion of Mr. Swain, this recommendation was approved.

ASSIGNMENT OF ARCHITECTURAL AND ENGINEERING CONTRACTS TO THE ILLINOIS BUILDING AUTHORITY

(21) The Seventy-fifth General Assembly declared certain buildings and projects for the University of Illinois at the Chicago Circle, Medical Center, and Urbana-Champaign campuses to be in the public interest, thereby indicating that funding of these projects could be accomplished by the Illinois Building Authority. On July 26, 1967, the Board of Trustees requested the Illinois Building Authority to undertake these projects.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that authorization be given for the assignment to the Illinois Building Authority of the following architectural and engineering contracts relating to projects which the Illinois Building Authority has been requested to finance in the 1967-69 biennium:

Chicago Circle Campus

1. Behavioral Sciences Center Building..... Skidmore, Owings & Merrill, Chicago
2. Science and Engineering Center Building..... Skidmore, Owings & Merrill
3. Utilities Center Addition..... Sargent & Lundy, Engineers, Chicago

Urbana-Champaign Campus

1. Small Animal Clinic Building..... Perkins & Will, Chicago
2. Intramural-Physical Education Building..... Holabird & Root, Architects, Chicago
3. Women's Gymnasium Addition..... John Sweetnam with Spangler, Beall, Salogga and Bradley, Decatur

I concur.

On motion of Mr. Clement, this recommendation was approved.

TRANSFER OF REACTOR COMPONENTS TO MICHIGAN STATE UNIVERSITY

(22) As a result of the purchase of new equipment, approved by the Board of Trustees on November 10, 1966, certain reactor components and fuel parts of the TRIGA Nuclear Reactor will become surplus property no longer needed in the advancement of the University's nuclear engineering research program.

The United States Atomic Energy Commission, which has control over the use of the fuel parts and which is currently contributing \$126,945 for the purchase of new fuel parts in our updating program, and the National Science Foundation, which furnished the majority of the original purchase funds and which is currently contributing \$141,700 to the updating of the TRIGA Nuclear Reactor, have re-

quested the University of Illinois to make the surplus reactor parts and surplus atomic fuel available to another school without charge for nuclear engineering research purposes.

Guidelines for identifying a school with close ties to the University of Illinois which was located in the Midwest and which had the projected capacity for proper use of these materials in accordance with the requirements of the Atomic Energy Commission and the National Science Foundation were developed. In accordance with these guidelines, the CIC schools were contacted and it has been determined that Michigan State University is the only school from among those contacted which is both interested and fully capable of making best use of these materials. Consequently, it is proposed that these surplus reactor components and the surplus fuel parts be transferred to Michigan State University without charge.

As a part of this transfer, the University of Illinois will provide technical instruction to Michigan State University personnel with respect to operation of the equipment, and the University of Illinois will assume responsibility for removal and packaging of all materials for delivery to a carrier to be designated by mutual agreement. For these services, Michigan State University will pay to the University of Illinois the amount of \$16,500 less the cost of shipping the fuel from the Urbana reactor site to the designated site at Michigan State University. However, in no event shall the payment to the University of Illinois be less than \$13,500 f.o.b. the Urbana reactor site.

The chairman of the nuclear engineering program, the Vice-President and Comptroller, and the Executive Vice-President and Provost recommend that this transfer be approved in principle and that the Comptroller and Secretary be authorized to enter into a contract with Michigan State University in this respect after first securing written approval of the transfer from appropriate officials of the state of Illinois in accordance with the provisions of the State Property Control Act.

I concur.

On motion of Mr. Jones, this recommendation was approved.

RECOMMENDATIONS FROM COMMITTEE ON COPYRIGHTS AND RECORDINGS

(23) The Committee on Copyrights and Recordings has reviewed a request from the College of Liberal Arts and Sciences, Chicago Circle, that a contract be negotiated with McGraw-Hill Book Company for the publication of self-instructional materials in remedial mathematics. Dr. Michael Eraut was commissioned by the University of Illinois at Chicago Circle to prepare the materials for use in the Special Education Project for Disadvantaged Students, with funds being provided by the University.

Two volumes are presently under consideration for revision and publication — with a third volume being contemplated following completion of Dr. Eraut's service for the University. This third volume is not dependent on the first two for publication. The following are the Committee's recommendations:

1. That Dr. Eraut be permitted to negotiate a contract with McGraw-Hill for publication and royalties, subject to final approval by the University — with a royalty rate of no less than 8 per cent.
2. That 60 per cent of royalty income on the first two volumes — including the diagnostic materials — be paid to the University and 40 per cent to the author, Dr. Eraut.
3. That the division of royalties recommended be effective for seven years or for the life of the edition of the first two volumes (including diagnostic materials, in their originally-published form), whichever is later.
4. That any substantial use of the commissioned materials in connection with revised or enlarged editions after the time designated in (3) above be subject to further negotiation of royalty arrangements.
5. That any identification of the University of Illinois with the published work be subject to the approval of the University.

The Executive Vice-President and Provost and the Vice-President and Comptroller endorse these recommendations.

I concur.

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

CHANGES IN NONACADEMIC POLICY AND RULES

Relating to: Holidays; Vacation and Personal Leave; Political Activity; Schedules, Hours, and Overtime; and Conduct and Discipline

(24) Proposed changes in the *Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees* relating to: Holidays, Vacation and Personal Leave, Political Activity, Schedules, Hours, and Overtime, and Conduct and Discipline have been under consideration for some time. Consistent with procedures followed in other recent changes and revisions, comments have been solicited by the Director of Nonacademic Personnel from deans, directors, and department heads, and from employee organizations. Draft revisions were submitted to the Nonacademic Personnel Advisory Committees on each campus and to the University of Illinois members of the Employees Advisory Committee of the University Civil Service System of Illinois. Revised drafts were reviewed by the All-University Nonacademic Personnel Advisory Committee.

In the light of such review and upon the recommendation of the Vice-President and Comptroller and the Director of Nonacademic Personnel, the following policy changes are presented to the Board for approval:

Holidays

University-wide General Policy: Holidays and Work Suspensions — to become effective October 1, 1967

- A. University facilities will be closed, except for necessary operations, on the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.
- B. On these days, eligible employees, as defined by the President, will be excused with pay except that (1) an employee in a Prevailing Rate Craft will be excused and paid for holidays as designated in his respective multi-employer area agreement, and (2) an employee required for necessary operations will not be excused but, pursuant to rules issued by the President, may be given his holiday pay at his regular rate plus one and one-half times his regular rate for all hours worked.
- C. Work will be suspended at other times only as approved by the President or the appropriate Chancellor who shall decide in each case whether employees' schedules for work will be excused with or without pay.

In general, the new text differs from earlier language in seeking to provide more uniformity and in relating policy to a redefinition of prevailing rate groups.

Vacation and Personal Leave

The revised policy statement conforms to standards recommended by the Merit Board of the University Civil Service System of Illinois at its July 26 meeting. The general objective is to attain a common vacation plan for the three campuses of the University of Illinois.

University-wide General Policy: Vacation and Personal Leave — to become effective January 1, 1968

- A. The University provides employees with Vacation and Personal Leave for their use in renewing their physical, psychological, and mental vigor, their enthusiasm for their work, and in satisfying personal needs. The design of the leave contemplates that each employee will use a sizable amount of his available leave for vacation and rest while reserving smaller increments for personal and family reasons.
- B. Vacation and Personal Leave is earned by each employee for pay-status service in a Trainee, Apprentice, Provisional, or Status Appointment, subject to completion of an initial six months of such service.
- C. The amount of Vacation and Personal Leave earned is based upon the hours in pay status and the number of service years completed without break of service.
(A memorandum on the method of calculating years of service and other technical aspects of Item "C" is being filed with the Secretary of the Board for record.)
- D. An employee may accumulate at his then current earning rate an amount of leave equal to that earned in two service years but upon reaching this accumulation will cease to earn leave except as the accumulation is reduced.

In addition to a number of technical changes, particularly in the Rules of Administration, the revised statement differs from the existing statement in that: personal leave and vacation benefits are combined into a single account; eligibility is clarified and standardized; a uniform definition of the service year is established throughout the University; the present deferral of vacation is discontinued but a maximum accumulation of up to two years at the current earning rate is permitted; and payment of cash in lieu of vacation is not contemplated but once the maximum accumulation is reached, further leave is not earned except as the accumulation is reduced.

Political Activity

Currently, various provisions relating to the political activity of nonacademic employees appear in State statutes, University General Rules, Civil Service statutes and elsewhere but are not easily available in a single reference. Therefore, it is proposed that the *Policy and Rules* include references to such provisions advising employees where they may be found and their general nature. In addition, employees would be directed to appropriate University offices where questions about the provisions can be answered.

The Director of Nonacademic Personnel also has proposed that a general statement of policy, positively phrased, be provided to encourage employees to exercise the rights they possess as citizens to the extent they are not limited by the existing provisions.

Accordingly, the following statement of policy is recommended to become effective October 1, 1967:

University-wide General Policy: Political Activities

Employees are encouraged to exercise their rights and obligations as citizens and to participate in political activities except those that are prohibited by law or conflict with their University duties.

Schedules, Hours, and Overtime

University-wide General Policy: Schedules, Hours, and Overtime — to become effective October 1, 1967

Work schedules, the number of hours to be worked and starting and quitting times shall be established by the President or under his authority.

Work schedules may be changed from time to time to meet varying conditions of the University's programs.

The University may require employees to work overtime. Overtime work shall be limited to unusual, essential, or emergency situations and, insofar as practicable, shall be fairly distributed.

In general, the new text is a delegation of the President of the University to establish work schedules, the hours to be worked and starting and quitting times. The present policy which is being superseded established actual work schedules. As the maximum weekly hours and the minimum overtime rates are now established by Statute (e.g., the Fair Labor Standards Act), it appears desirable to give the President discretion to establish work schedules and rules within these statutory limitations. The manner in which this discretion will be exercised is reflected in the proposed rules, a copy of which is being filed with the Secretary of the Board for record.

Conduct and Discipline

The text of the proposed policy statement follows. The purpose of this statement is to lay a foundation upon which the President may issue appropriate guides for employee conduct. The policy will become effective upon adoption by the Trustees.

Basic Policy: Conduct and Discipline

Employees are expected to perform their work efficiently and effectively and to be mindful of the public expectations of the University and of University employees. Supervisors are expected to provide leadership for the group they supervise, to respect the dignity and rights of employees as individuals, and to set an example by their own conduct, attitude, and work habits. Appropriate disciplinary measures should be applied firmly, consistently, and impartially.

The present *Policy and Rules* contain a ban on solicitation but no other rules on Conduct and Discipline. Several months ago, Governor Kerner issued a Code

of Conduct applicable to employees under the State Personnel Code. Many other public and private employers have similar codes. The Civil Service Handbook contains a listing of specific items for which discipline may be imposed but does not include some important ones, e.g., unsatisfactory work performance. The rules, in this case actually guides, which the President proposes to issue at this time are being filed with the Secretary of the Board for record.

I concur in the recommendation that these policies be approved as herein presented. Upon their approval, appropriate rules will be issued as indicated, and modified from time to time as circumstances warrant according to the policies established.

On motion of Mr. Swain, this recommendation was approved.

PURCHASES

(25) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller; also a list of purchases authorized by the President.

The lists of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundations grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds

Purchases Authorized.....	\$ 5 353 00
Purchases Recommended.....	186 149 40
	<u>\$191 502 40</u>

From Institutional Funds

Purchases Authorized.....	26 495 00
Purchases Recommended.....	280 121 43
	<u>\$306 616 43</u>
<i>Grand Total.....</i>	<i>\$498 118 83</i>

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Clement, the purchases authorized by the President were approved, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(26) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary.

This report was received for record.

INVESTMENT REPORT

Report of the Finance Committee

(27) The Finance Committee reported the following changes in investments of endowment funds for the months of June and July, 1967:

Endowment Pool

<i>Sale</i>	
\$21 000 Columbia Gas System 4¾ per cent bonds due 10/1/81....	\$ 19 687 50
<i>Purchase</i>	
\$10 000 Natural Gas Pipeline 4½ per cent due 9/1/84.....	8 800 00

Miller

Purchase		
\$10 000 Commercial Credit Corp. open-end demand notes.....	\$	10 000 00
40 000 Martin-Marietta Corp. 5½ per cent SF Deb. due 4/15/92..		39 048 00
100 shares Honeywell common stock.....		7 596 55
900 shares Household Finance Corp. common stock.....		26 326 14

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the months of June and July, 1967:

Current Funds

ART OBJECTS

Purchase		
\$71 000 CIT Financial Corp. open-end demand notes.....	\$	71 000 00

CURRENT FUNDS (Chicago Circle)

Purchase		
\$300 000 First National Bank of Chicago C/D due 12/29/67.....		300 000 00
200 000 U.S. Treasury bills due 12/31/67.....		195 968 00

RESTRICTED GROUP

Sale

\$ 250 000 Hallmark Cards notes due 10/16/67.....		246 833 33
2 075 000 U.S. Treasury bills due 4/30/68.....	2	001 241 21

Purchase

\$ 250 000 Clark Equipment Credit Corp. notes due 10/16/67.....		246 833 33
750 000 Hallmark Cards notes due 10/16/67.....		738 322 92
1 000 000 First National Bank Chicago C/D due 11/3/67.....	1	000 000 00
1 000 000 First National Bank Chicago C/D due 11/6/67.....	1	000 000 00
1 000 000 Cargill notes due 1/3/68.....	1	000 000 00
1 000 000 Continental Illinois National Bank C/D due 1/3/68....	1	000 000 00
500 000 Hallmark Cards notes due 1/16/68.....		500 000 00

STAR COURSE CENTENNIAL SERIES

Purchase

\$10 000 U.S. Treasury bills due 2/29/68.....		9 716 83
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Construction Funds

ASSEMBLY HALL

Purchase

\$255 000 U.S. Treasury bills due 9/30/67.....		252 556 98
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KRANNERT CONTRIBUTIONS

Sale

\$21 000 Commercial Credit Corp. open-end demand notes.....		21 000 00
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Purchase

\$285 500 Beneficial Finance 6 per cent due 6/29/73.....		285 500 00
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DENTAL-MEDICAL-PHARMACY AUXILIARY (Medical Center)

Purchase

\$140 000 U.S. Treasury 4½ per cent notes due 8/15/67.....		140 262 50
130 000 U.S. Treasury 4½ per cent notes due 11/15/68.....		128 578 13

FLORIDA AVENUE RESIDENCE HALLS

Purchase

\$207 000 U.S. Treasury bills due 9/30/67.....		205 014 41
320 000 U.S. Treasury bills due 6/30/68.....		305 234 67

GRADUATE HOUSING

Sale

\$6 000 U.S. Treasury bills due 9/28/67.....		5 962 14
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Purchase		
\$259 000 U.S. Treasury bills due 9/28/67.....	256 619 36	
UNION (Chicago Circle)		
Sale		
\$5 000 U.S. Treasury bills due 9/14/67.....	4 965 44	
Purchase		
\$10 000 U.S. Treasury bills due 9/7/67.....	9 931 75	
40 000 U.S. Treasury bills due 9/14/67.....	39 631 96	
UNION AND RESIDENCE HALL (Medical Center)		
Purchase		
\$235 000 U.S. Treasury bills due 9/14/67.....	233 109 10	
<i>Sinking Funds</i>		
HOUSING REVENUE BONDS		
Purchase		
\$1 332 000 U.S. Treasury 4¼ per cent notes due 8/15/68.....	1 321 593 75	
99 000 U.S. Treasury 4 per cent bonds due 2/15/69.....	97 576 88	
MEN'S RESIDENCE HALLS OF 1956		
Purchase		
\$30 000 U.S. Treasury 3¾ per cent bonds due 8/15/68.....	29 906 25	
13 000 U.S. Treasury 4 per cent bonds due 2/15/69.....	12 821 25	
UNION AND RESIDENCE HALL (Medical Center)		
Purchase		
\$26 000 U.S. Treasury bills due 11/24/67.....	25 613 67	
17 000 U.S. Treasury 4 per cent bonds due 2/15/70.....	16 628 13	
This report was received for record.		

COMPTROLLER'S REPORT OF CONTRACTS

(28) The Comptroller's report of contracts executed during the period July 1 to August 31, 1967.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
DeKalb Agricultural Association, Inc.	Maize genetics	\$ 3 500 00
Federal Aviation Administration FA-67-CE-4822	Reimbursement for land acquisition — Willard Airport	70 694 00
Moorman Manufacturing Company	Variations in mineral balances related to nitrogen and carbohydrate sources	9 000 00
United States Air Force AF-AFOSR-66-1147B	Gas laser studies in the 50 to 1000 micron range of the electromagnetic spectrum	56 000 00
F01600-67-C-0487	Instruction to government selected students	8 640 00
F01600-68-C-0028	Flight instruction to AFROTC students	12 495 00
United States Arms Control and Disarmament Agency ACDA/E-138	Study to evaluate the feasibility of developing objective criteria for determining policy on pensions, severance pay, and related benefits for laid-off defense workers	42 124 00
United States Army		
DAAK 02-67-C-0546	Device for passive night vision image conversion	136 885 00
DA-ARO-D-31-124-G944	High-energy plasmas by means of gaseous lasers	6 000 00
DACW 39-67-C-0097	Analytical methods for evaluating the stability of excavation slopes in rock under static loading	13 297 00
United States Department of Defense DAHC 15-67-C-0221	Research in the science of materials (factors which influence the properties of materials and fundamental relationships which exist between composition and structure and the properties and behavior of materials)	3 600 000 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Department of Health, Education, and Welfare		
68-2-ST(B)	Child welfare training grant	\$ 9 334 00
OE-92-000491	College library resources program (Urbana)	108 414 00
OE-92-000492	College library resources program (Chicago Circle)	5 000 00
OEC4-7-000051-3629	Continuation of the Language and Area Center for Latin America	45 000 00
OEC4-7-000058-3636	Continuation of the Russian Language and Area Center	74 000 00
OEC4-7-000070-3648	Continuation of an Asian Studies Language and Area Center	37 000 00
PH 86-67-206	Sampling and evaluation of coal mines in Illinois by the Illinois Geological Survey	75 261 00
United States Office of Economic Opportunity		
CG-8884	Head start training program	203 579 00
CG-8889	Head start demonstration	122 722 00
United States Office of Water Resources Research		
14-01-0001-1081	Water resources center institute	100 000 00
14-01-0001-1497	Economic analysis of water use in Illinois agriculture	38 100 00
14-01-0001-1498	Boundary effects on jet flow patterns related to water quality and pollution problems	22 005 00
14-01-0001-1499	Effect of raindrop impact and surface roughness on sheet flow	28 950 00
14-01-0001-1500	Catalytic oxidation of organic compounds in waste waters	13 572 00
United States Navy		
N00600-68-D-0074	Education and training of Naval students	5 800 00
N00600-68-D-0124	Instruction for Navy personnel	138 000 00
<i>Total</i>		\$4 985 372 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
State's Attorney of Champaign County	Payment for services rendered by local governmental units (Student-Staff Apartments)	\$ 3 612 00

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
John Bruce	Rental of premises at 2008 Bruce Drive, Urbana, Illinois (July 1, 1967, to June 14, 1968)	\$ 2 990 00

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
American Cyanamid Company	Cyanamid insecticides on Illinois crops	\$ 1 500 00
The Griffin Wheel Company	Improvement of cast steel railway car wheels	30 750 00
Illinois Department of Conservation	Wildlife research studies	113 834 00
Illinois State Library	Conduct non-credit in-service training programs for public library employees in Illinois	5 000 00
The Institute of Boiler and Radiator Manufacturers	Steam and hot water heating systems	38 000 00
National Lime Association	Lime processing and lime stabilization of soils	27 713 00
State of Illinois, Department of Mental Health		
17-121	Residency training in psychiatry	50 000 00
17-130	Relationship of neonatal hypoglycemia to mental and neurological damage in low birth weight infants and twins	124 048 00
1723	Psychosomatic differentiation during infancy	65 057 00
State of Illinois, Department of Public Health		
	Public health nursing workshop for chronic illness	8 619 00
	Public health nursing workshop for maternal and child health	7 040 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Agency for International Development AID/csd-1432	Malaria immunity and vaccination	\$ 199 872 00
United States Air Force AF 29(601)-6850	Development of indices relating the physical properties and engineering behavior of rock	11 344 00
AF 33(615)-3890	Cybernetics research	89 952 00
United States Army DA-18-001-AMC-862(X)	Plan and conduct a conference on direct aeronomic measurements in the lower ionosphere	469 00
United States Atomic Energy Commission AT(11-1)-1502	Photosynthetic processes in cells and model systems	51 533 00
United States Department of Health, Education, and Welfare OEG3-6-061928-1558	The blind learning aptitude test	20 544 00
OEG-3-6-062063-1559	Education of behaviorally disordered children in the public school setting	115 293 00
OEG-3-6-600645-1424	Fellowship for prospective English department chairmen	17 600 00
OEG-3-7-421020-3795	Institute for teaching disadvantaged youth	62 306 00
PH43-65-1031	Vaccines for immunization against viral respiratory infections	84 600 00
PH-43-67-61	Study diagnosis and remediation of minimal brain dysfunction	4 900 00
PH-108-66-192	School smoking education project	135 550 00
United States Department of Labor S4-0124-15-5-004.000	Youth work-training project	566 00
United States Department of the Interior 14-16-0008-698	Establishing certain parameters of hazards to aircraft by migrating birds in the Mississippi flyway	400 00
United States Office of the Secretary of Defense SD-131	Research in the science of materials	2 123 000 00
<i>Total</i>		\$3 389 490 00

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Admiral Heating and Ventilating, Inc.	Cost-plus contract — heating and ventilating 715 South Wood Street, Chicago	\$ 5 952 00
Barber and DeAtley, Inc.	Cost-plus contracts — general	4 500 00
	Altgeld Hall	3 980 00
	Armory	3 000 00
	David Kinley Hall	3 000 00
	Electrical Engineering Research Laboratory	7 000 00
	Engineering Hall	6 900 00
	McKinley Hospital	3 000 00
Cool-Rite Refrigeration	Cost-plus contract — heating and ventilating	5 400 00
Emric Electric, Inc.	Cost-plus contracts — electrical	5 400 00
	Engineering Hall	5 400 00
	Illini Hall	3 200 00
	Mumford Hall	7 000 00
Dean Evans Company	Cost-plus contract — general	4 000 00
	Noyes Laboratory and Chemistry Annex	4 000 00
Jamar-Olmen Company	Cost-plus contract — air conditioning	3 800 00
	715 South Wood Street, Chicago	3 800 00
Julian Engineering Company	Cost-plus contract — heating and ventilating	4 000 00
	Y.W.C.A.	4 000 00
<i>Total</i>		\$ 67 132 00

Summary

Amount to be paid to the University.....	\$8 374 862 00
Amount to be paid by the University.....	73 734 00

This report was received for record.

DEGREES CONFERRED IN AUGUST, 1967

The Secretary presented for record the following list of degrees conferred at Urbana-Champaign on August 15, 1967, on recommendation of the Urbana-Champaign Senate.

Summary

Graduate College	
Master of Arts.....	180
Master of Science.....	379
Master of Education.....	284
Master of Social Work.....	6
Master of Fine Arts.....	5
Master of Laws.....	1
Master of Television.....	2
Master of Architecture.....	7
Master of Accounting Science.....	12
Master of Business Administration.....	12
Master of Extension Education.....	2
Master of Landscape Architecture.....	3
Master of Urban Planning.....	4
Master of Comparative Law.....	1
Advanced Certificate in Education.....	51
Certificate of Advanced Study in Librarianship.....	2
<i>Total, Graduate College.....</i>	<i>(951)</i>
College of Agriculture	
Bachelor of Science.....	29
College of Engineering	
Bachelor of Science.....	76
College of Liberal Arts and Sciences	
Bachelor of Arts.....	84
Bachelor of Science.....	61
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(145)</i>
College of Law	
Bachelor of Laws.....	2
Doctor of Law.....	11
<i>Total, College of Law.....</i>	<i>(13)</i>
College of Education	
Bachelor of Science.....	14
College of Commerce and Business Administration	
Bachelor of Science.....	42
College of Journalism and Communications	
Bachelor of Science.....	6
College of Fine and Applied Arts	
Bachelor of Architecture.....	6
Bachelor of Fine Arts.....	16
Bachelor of Music.....	5
Bachelor of Science.....	4
<i>Total, College of Fine and Applied Arts.....</i>	<i>(31)</i>
College of Physical Education	
Bachelor of Science.....	14
College of Veterinary Medicine	
Bachelor of Science.....	1
<i>Total, Degrees Conferred at Urbana-Champaign.....</i>	<i>1,322</i>

GRADUATE COLLEGE

Degree of Master of Arts

In Anthropology

JOANNE MAGALIS HARRIS, A.B., 1964

KAREN LOUISE LUNDQUIST, A.B., Occidental College, 1962

In Art Education

ELEESE VIRGINIA BROWN, B.S., University of New Hampshire, 1963
 CAROL STINGLE CRAFT, B.S., State University of New York (Buffalo), 1961
 KENNETH ALBERT ENGLUND, A.B., Augustana College, 1960
 HONG TATT FOO, B.F.A., 1964
 KAREN LEE GYLLIN, B.S., Illinois State University, 1964
 KERMIT EUGENE LINDBERG, B.F.A., 1954
 DAVID GEORGE LOGAN, B.S., University of Wisconsin, 1963
 LOUISE ANDERSON POND, B.F.A., 1961
 GERALDINE SANDERS, B.F.A., 1966
 ROCHELLE ANN TONER, B.A., Iowa State Teachers College, 1962
 SHARON KOEHNKE WANNER, B.F.A., 1958
 KATHLEEN KELLY WOELL, B.A., Clarke College, 1962; B.A.E., School of the Art
 Institute of Chicago, 1965

In Art History

SUAN GUESS WELCKER, B.F.A., Illinois Wesleyan University, 1964; M.F.A., 1966

In Classics

SHARRON ANN BARKDOLL, B.A., North Central College, 1966
 MICHAEL ROBERT COMBER, B.A., University of Cambridge, 1966

In Economics

DENNIS EDGAR BOLAND, A.B., University of Michigan, 1965
 FREDERICK LOCKE JOHNSON, B.A., M.A., Indiana State University, 1959, 1960
 STEPHEN LOUIS MEHAV, A.B., Indiana University, 1965

In Education

JESSICA HENDERSON DANIEL, B.S., Fayetteville State College, 1964

In English

ROSEMARIE ABENDROTH, B.A., Nazareth College, 1966
 BONITA SUSAN BAKER, B.A., Lake Forest College, 1964
 HELEN CAROL BROWNE, B.A., Southern Illinois University, 1965
 CAROLYN MARIE CHRISTENSEN, A.B., Wheaton College, 1966
 NANCY ELLEN DEITZ, B.A., University of Florida, 1966
 LINDA MAE DILBERT, B.A., Northwestern University, 1966
 PATRICIA ANN DOYLE, B.A., College of Saint Francis, 1966
 NORMA JENCKES FRANCIS, A.B., Rhode Island College, 1965
 Yafa GABLINGER, B.A., Hebrew University, 1965
 KAREN MARDELL KEENER, B.A., Augustana College, 1965
 NIEMAT EL-SAYED A. NASSEF, B.A., Ain Shams University, 1963
 BYRON CARL NELSON, A.B., 1967
 BETTY BENTZEN PASTA, A.B., 1966
 SUE LOGAN PRANCE, B.A., Millikin University, 1962
 MELODY ANN EIKENBERRY RUPLEY, B.A., Manchester College, 1965
 ROBERT ERIC SANDERS, A.B., 1966
 MARY MONTGOMERY SAUNDERS, A.B., Duke University, 1966
 JOHN KEITH SHERIFF, B.A., Greenville College, 1966
 SISTER CLEMENT MARY DERNBACH, A.B., St. Xavier College, 1961
 NANCY ANN SOCH, B.A., Saint Mary's College, 1966
 JAMES VICTOR STAUDT, B.A., St. Louis University, 1959
 CHERYL DAWN SUMMERS, A.B., 1966
 BELIAS LANOUÉ THRASHER, B.A., Arlington State College, 1965

In French

RYLAND CORNELIUS AMMONS, B.A., University of Virginia, 1965
 SUSAN TRAPPE BLACK, A.B., 1965
 THELMA ZUCKERMAN BOOTH, A.B., 1961
 MARY ELLEN BORDENCA, A.B., Trinity College, 1966
 SUSAN MARIE CAMPANINI, A.B., 1965
 FRANCOIS JEAN DE VRIENDT, A.B., 1966
 RICHARD ALLEN HEFFT, B.A., Harpur College, 1962

LINDA ABDEL-MALEK MATHEWS, B.A., Cairo University, 1952; Ed.M., University of Buffalo, 1958; Adv.Cert., 1960
 SUSAN LEA RICHARDSON, B.A., University of Washington, 1965
 ELIZABETH MEAD SAFANDA, B.A., DePauw University, 1966
 MARTHA JANE SHERER, A.B., 1966
 SISTER MARY AUSTIN FISCHER, B.S., St. Louis University, 1960
 WILLIAM HENRY SMART, B.A., University of North Carolina, 1965
 INNA TOLSTOY, B.A., Carleton University, 1966

In Geography

GRANT WILKINS SIGSWORTH, B.A., Waterloo Lutheran University, 1965
 WAYNE ARTHUR WALCOTT, B.S., Western Michigan University, 1965

In German

SUSAN JANE BERSCH, B.A., University of Wisconsin, 1965
 SHERRY LIN PETRY, B.A., Manchester College, 1965

In Greek

CATHERINE CUMMISKEY KIRK, A.B., Manhattanville College of the Sacred Heart, 1961

In History

KATHLEEN ELIZABETH BERGAN, B.A., Quincy College, 1966
 LESLIE ANN BILLET, A.B., Syracuse University, 1963
 SAMUEL EARL BOYNTON, B.A., University of California (Santa Barbara), 1965
 HARRY ALLEN BUTOWSKY, B.A., Pennsylvania State University, 1966
 ROBERT MICHAEL CRAIG, B.A., Principia College, 1966
 RUTH CHRISTINE ELY, A.B., Wheaton College, 1966
 SILVIA PARVEI FORGUS, B.A., Lake Forest College, 1961
 CAROL ANN GOLDSTEIN, B.A., Queens College, 1966
 PHYLLIS ANN HALL, B.A., St. Bonaventure University, 1966
 VALENTIN KIRILOVICH KASZUBA, A.B., University of Chicago, 1961
 GUY LORAN LEWIS, A.B., Fresno State College, 1950; B.D., Pittsburgh-Xenia Theological Seminary, 1953
 LEONARD EUGENE OLSON, B.A., DePaul University, 1966
 ALEXANDER SYDORENKO, A.B., 1966
 EVAGGELOS GERASSIMOS VALLIANATOS, A.B., 1965
 JOHN SHEPLEY WAGENER, B.A., St. Olaf College, 1966
 BETTE JANE WYCKOFF, B.A., Northwestern University, 1966

In Labor and Industrial Relations

HANJOCHEN WALTER STADTLANDER, B.S., 1966

In Latin

CHARLES LEE BRUNK, A.B., 1966
 JOHN ROGER HOPKINS, B.A., Syracuse University, 1966

In Linguistics

ELIZABETH JANE ALLWARDT, B.A., Valparaiso University, 1965
 JOSEPH FREDERICK FOSTER, B.A., Louisiana State University and Agricultural and Mechanical College, 1965

In Mathematics

HENRY ALFONSO CAMARGO RONCANCIO, B.S., M.S., 1965, 1965
 WILLIAM HOWARD GUSTAFSON, B.A., Wesleyan University, 1967
 JUDITH CAROL HUBERT, A.B., Wheaton College, 1965
 LINDA JEAN NAYLOR, B.A., Carthage College, 1967
 V. R. GOPALA RAO, M.Sc., Andhra University, 1965
 ROBERT CLARK WILLIAMS, B.A., College of the Holy Cross, 1966
 ANTHONY JOHN ZAHORIK, B.A., St. John's University, 1966

In Philosophy

STEPHEN EARL ROSENBAUM, B.A., Baylor University, 1965
 MARGIT FRESE SCHOENFELD, Dipl.Handelslehrer, University of Hamburg, 1956

In Political Science

CHARLES EDWARD GLASSER, A. B., Denison University, 1961
 MICHAEL JAMES HOOPER, A.B., University of New Hampshire, 1963
 ROGER LEWIS KNIGGE, B.A., Southern Illinois University, 1966
 LOUISE KRISTINE LINDQUIST, B.A., Augustana College, 1966
 JOHN PATRICK REIDY, A.B., St. Benedict's College, 1965
 JOHN LYNN SULLIVAN, B.S., Georgetown University, 1948

In Portuguese

LOUISE ELEANOR BORSOI, B.A., Florida State University, 1964

In Psychology

WADE EDWARD CRAIGHEAD, B.A., Abilene Christian College, 1965
 DAVID LEE DeVRIES, A.B., Calvin College, 1965
 JEROME BODAWALT DUSEK, A.B., University of Michigan, 1965
 THOMAS STEPHEN GREENSPON, B.A., Yale University, 1963
 DUANE RICHARD KAUFFMANN, B.A., Goshen College, 1966
 DAVID ROBERT MAY, A.B., Kenyon College, 1963
 PATRICIA SMITH MIKES, B.S., 1965
 NANCY MAHONEY MINAHAN, B.A., College of William and Mary, 1964
 TERENCE ROBERT MITCHELL, A.B., Duke University, 1964; Adv.Dipl., University of Exeter, 1965
 HENRY JOSEPH PIESZKO, B.S., Loyola University, 1965
 DONALD SHELDON SCHAEFFER, B.S., University of Maryland, 1962
 ERICH KARL THOMANEK, B.A., Sir George Williams University, 1962
 ELISABETH SUE WEIDEMANN, B.S., 1963

In Public Administration

ROBERT WILLIAM CORY, B.S., Temple University, 1948

In Russian

JOHN DOUGLAS CLAYTON, B.A., Cambridge University, 1965
 ROMAN RUDOLPH KOPP, B.A., University of Minnesota, 1965
 LYDIA IRENE SAWARYN, A.B., Rosary College, 1962

In Social Sciences

JOHN STANLEY BUTSCH, A.B., 1965
 MARY CAROL FRENZEL, A.B., Trinity College (District of Columbia), 1966
 ROBERTA LOU KASS, A.B., 1966
 JEFFREY HAROLD LITE, B.S., 1965
 JOHN DENNIS LOWREY, B.A., San Jose State College, 1966

In Sociology

BRUCE HOLLEY JOHNSON, A.B., Wheaton College, 1959; B.D., Fuller Theological Seminary, 1962
 UDOM VONGSURAWAT, B.Econ., University of Tokyo, 1962
 FRANK JEROME WEED, B.A., Hanover College, 1965

In Spanish

CHARLES DONALD BEVELANDER, B.S., Tufts University, 1962
 MARGO CORONA DE LEY, A.B., 1965
 SUZANNE ELIZABETH GOLDSMITH, A.B., Wayne State University, 1965
 NANCY ELIZABETH HAGEBAK, B.A., St. Olaf College, 1963
 EDWARD GEORGE HAYES, A.B., 1965
 JANIS ILENE LUKE, A.B., Indiana University, 1965
 MARILYN R. NATHANSON, A.B., Wayne State University, 1966
 MARSHA HEDY SCHWARTZ, A.B., 1965
 MARGARET LOUISE SNOOK, B.S., Southern Connecticut State College, 1966
 MARY LOUISE SPONSLER, B.S., Illinois State University, 1950
 RONALD ROBERT YOUNG, B.A., Wisconsin State University (Eau Claire), 1965

In Speech

STEWART BEACH, B.A., MacMurray College, 1965

- KAREN GAIL BROWN, B.S., Brooklyn College, 1964
 DAVID ASA CROSSMAN, B.A., DePauw University, 1963
 ROBERT ANDREW DAHLSTROM, A.B., Wheaton College, 1960
 BERNETTE VELESCYA DILLON, B.S., Alcorn Agricultural and Mechanical College,
 1965
 MARILYN GOODMAN, B.A., New York State College (Cortland), 1966
 MARY ANN HAUSMANN, B.A., College of Saint Teresa, 1966
 RITA KAY HOFF, B.S., Moorhead State College, 1966
 LA VAHN GERRY HOH, B.A., Wisconsin State University, 1964
 HERBERT EDSON HUDSON, A.B., 1957
 STEPHANY LYNN JEROME, B.S., Miami University, 1966
 JOANNA DIANE JOHNSON, B.S., Purdue University, 1966
 PHYLLIS ROBERTA KANTER, B.S., 1966
 RICHARD JOHN KLICH, B.S., 1966
 IRENE ANN MARIE MARSCH, A.B., Loretto Heights College, 1966
 SUSIE MAE MEYER, B.A., Wittenberg University, 1966
 RONALD LEE MOYER, A.B., 1966
 JUDITH DENISE O'MALLEY, B.A., Clarke College, 1966
 PAUL WILLIAM OZIER, B.S., Eastern Illinois University, 1962
 NANCY KATHLEEN POFF, B.A., Western Michigan University, 1961
 MARY ELIZABETH RIECK, B.A., Augustana College, 1966
 MARY ANN KEIL SMITH, A.B., Heidelberg College, 1965
 JAMES ARCE STEVENS, A.B., 1965
 DAVID NORTH ULRICH, B.A., University of Maryland, 1966
 CAROL KOSOVSKI WAGNER, B.S., 1966

In the Teaching of English

- GARY LLOYD BLEWETT, B.A., Rocky Mountain College, 1960
 TERRY EDWARD HENLEY, A.B., 1966
 NINA ROSE PULLIAM, A.B., MacMurray State College, 1962
 JO GARD WEBBER, A.B., 1964

In the Teaching of English as a Second Language

- TARA KUMARI SINGWI, B.A., 1967

In the Teaching of French

- ESTHER ANN CARLS, A.B., 1966
 PATRICIA VIRGINIA EGAN, B.A., Rosary College, 1965

In the Teaching of German

- DENNIS ALFRED LARSON, A.B., Monmouth College, 1963

In the Teaching of Russian

- CONSTANCE O'HARA CURTIN, A.B., Mt. Holyoke College, 1948; A.M., Columbia
 University, 1950

In the Teaching of Social Studies

- MARILYN JEANNE ARNOLD, B.S., Northern Illinois University, 1965
 HUGH FREDRIC CURTIS, B.S., Illinois State University, 1963
 LINDA MANN DIAMOND, A.B., 1963
 MARY JO ANN DONOVAN, A.B., Marquette University, 1961
 SHEILA SMITH HUEHNER, A.B., 1964
 PHILIP CHARLES MUGAVERO, B.S.Ed., Chicago Teachers College, 1965
 SUZANNE STUTZMAN ROBERSON, A.B., Eastern Illinois University, 1963
 ROSEMARY TERESA ROSICH, B.A., St. Xavier College, 1964
 ALLEN KEITH SWANSON, B.S., 1960

In the Teaching of Speech

- WALTER HERBERT BLOMQUIST, B.A., Florida Southern College, 1962

Degree of Master of Science

In Advertising

- MARSHALL JAY FELDMAN, B.A., Vanderbilt University, 1965

DAVID HOUSEAL FURSE, A.B.J., University of Georgia, 1965
 JOHN STEPHEN HADLEY, B.S., Texas Christian University, 1963
 GERALD JOSEPH HALEY, B.S., University of Colorado, 1962
 GEORGE BRUCE McLAREN, B.S., Fordham University, 1966
 KENNETH ALBERT PROBST, B.S., Purdue University, 1966
 ANTHONY ALVIN SEIDEL, A.B.J., University of Georgia, 1966
 STUART HARVEY SURLIN, B.S.B.A., Roosevelt University, 1966

In Aeronautical and Astronautical Engineering

DAVID WILLIAM CONGLETON, B.S., 1965
 GARY DALE ZINN, B.S., 1966

In Agricultural Economics

SURESH CHANDRA BIRLA, M.Sc., Agra University, 1957
 CHARLES EDWARD CAGLEY, B.S., Illinois State University, 1965
 MARSHALL PAUL DANKER, B.S., 1966
 ROBERT JACOB HEMP, B.S., 1949
 DONALD EDWARD JARRETT, B.S., 1966
 PHILIP WARREN SCHLEETER, B.S., 1966
 RONALD RALPH WARFIELD, B.S., 1965

In Agricultural Education

TIMOTHY DEAN RAY, B.S., Oklahoma State University, 1966

In Agricultural Engineering

RICHARD LEE BENGTON, B.S., University of Wyoming, 1966
 WILLEM FRANS BRUTSAERT, Agr. Engr., University of Gent (Belgium), 1963
 JOHN DOUGLAS HENDRICK, B.S., Cornell University, 1965
 DOUGLAS EDWARD KENYON, B.Agr.E., Cornell University, 1965
 LARRY WILLIAM SPRINKLE, B.S., 1966

In Agronomy

WISIT CHOLITKUL, B.Sc., Kasetsart University, 1961
 EUGENE EMELUWA EZIKE, B.S., 1966
 RAM KHILARI GUPTA, B.Sc., Uttar Pradesh Agricultural University, 1965
 LORENZ ARTHUR KNUTH, B.S.Agr., Chico State College, 1965

In Animal Science

KEITH KEARNEY BOLSEN, B.S., 1966
 DONALD ALLISON DAY, B.S., Delaware Valley College of Science and Agriculture,
 1965

In Biology

MARY LOU ANNE ANDERSEN, B.S., 1965
 VIRGINIA EHL BURLEY, B.S., 1965
 BERNARDINE WICZER DODEK, A.B., 1963
 SANFORD ALLEN GARFIELD, B.A., Chicago Teachers College (North), 1965
 ANN JACOB STOCKER, B.S., Cornell University, 1959

In Botany

HELEN MARGARET BARBER, B.A., Elmira College, 1957; M.S., Western Reserve,
 1962
 WILLIAM LEE HALVORSON, B.S., Arizona State University, 1965
 MOHAMMAD HOSSAIN MONDAL, B.Ag., M.Ag., University of Dacca, 1960, 1962
 DONALD WESLEY PARK, B.A., Millikin University, 1965

In Ceramic Engineering

PHILIP EDWARD BOHABOY, B.S., 1966
 JAMES ALLEN LAIRD, B.S., 1960
 WILLIAM DAVID LONG, B.S., Alfred University, 1966
 WALTER RICHARD OTT, B.S., Virginia Polytechnic Institute, 1965
 CARL DONALD REYNOLDS, JR., B.S., 1966

In Chemical Engineering

ABDULLAH ABUD ABBAS, B.S.Ch.E., University of Tulsa, 1966

- JAMES ROBERT BRAGG, B.S., Virginia Polytechnic Institute, 1965
 ANASTASIOS JOHN KARABELAS, Diploma, National Technical University (Athens), 1963
 JOHN KEELER-CALCANO, Ingeniero Industrial, Andes Bello Catholic University, 1965
 ROBERT CLIFFORD LINDBERG, B.S.Ch.E., Purdue University, 1965
 PATRICK FRANK TOMLAN, B.S., University of Minnesota, 1965

In Chemistry

- DANIEL RICHARD BLOCH, B.S., University of Wisconsin, 1962
 JOHN BRIAN FAUGHT, B.Sc., Assumption University of Windsor, 1965
 SOON YUNG HONG, B.S., M.S., Kyungpook University, 1955, 1959
 THOMAS JOHN KISTENMACHER, B.S., Iowa State University of Science and Technology, 1965
 FANG-MAW LIN, B.S., National Taiwan University, 1960
 GARY LELAND MCPHERSON, B.S., University of Arizona, 1965
 MICHAEL SOLOMON ROZEFF, A.B., M.A.T., Harvard University, 1962, 1963
 LOUISA JOSEPHINE SAURO, B.S., Marygrove College, 1964
 HOWARD THEODORE SILVERSTEIN, B.A., Alfred University, 1965
 RONALD STEPHEN STRANGE, B.S., University of Kentucky, 1965

In Civil Engineering

- PATRICK WILLIAM DRENNON, B.C.E., Georgia Institute of Technology, 1962
 JAMES WILLIAM DUNMYER, B.S., United States Military Academy, 1962
 TERENCE EDWARD DURBIN, B.S., United States Military Academy, 1966
 ALVIN CHARLESWORTH EDWARDS, B.S., 1966
 RONALD LEE FRIESTAD, B.S., North Dakota State University, 1963
 ALFRED GENE GILBERT, B.A., Morehouse College, 1959
 LONNIE EDWARD HAEFNER, A.B., Northwestern University, 1963
 PAUL KEITH HEILSTEDT, B.S., 1966
 CHARLES HENRY HOFMAYER, B.E., Cooper Union, 1966
 RICHARD HUGH HOULDER, B.S., Northwestern University, 1952
 LAWRENCE FREDERIC KAHN, B.S., Stanford University, 1966
 JAMES J. MALLET, B.Civil Engr., Auburn University, 1955
 NANCY LEE MARY MALLONEE, B.S., St. Louis University, 1963
 REHN MATTHEW MONCRIEF, B.S., United States Air Force Academy, 1966
 GEORGE CHARLES OLEXA, JR., B.S.C.E., Newark College of Engineering, 1966
 ARGO THOMAS PARRELLO, B.S.C.E., Newark College of Engineering, 1966
 DAVID CLARENCE PEARCE, B.S., United States Military Academy, 1966
 GHANTA KOTESWARA RAO, B.E., Andhra University, 1960; M.E., Osmania University, 1963
 JAMES KELLY SENTER, B.S., Arlington State College, 1966
 GUILLERMO URIBE-CORREA, Ingeniero Civil, Pontificia Universidad Javariana, 1965
 ROBERT JACKSON YOUNG, B.Arch., 1966
 LAWRENCE STEPHEN ZIMMERMAN, B.S., 1965

In Commercial Teaching

- EUNICE DODEN ZUMDAHL, B.S., Illinois State University, 1964

In Computer Science

- DUGALD AUSTIN HENDERSON, JR., B.Sc., Queen's University, 1965

In Dairy Science

- CHILECAMPALLI ADINARAYANA REDDY, B.V.Sc., Sri Venkateswara University, 1962
 DAVID LEE WAGNER, B.S., University of Wisconsin, 1965

In Economics

- PAUL ALBERT JORAY, B.S., University of Maryland, 1965
 JOHN ANTON SKOCILICH, B.S.Ed., Northern Illinois University, 1965

In Education

- ARLENE MAE COSTELLA, B.S., 1964
 NANCY ELYSE GOLDEN, B.S., 1965
 GAIL RENEE TULER FRIEDMAN, B.S. (Educ.), B.S., 1964, 1964
 MICHAEL JOSEPH JAKUPCAK, JR., B.S., 1964

MARY ANN RAINER, B.S., Northern Illinois University, 1957
 SHARON ROETZEL STEINER, B.S., Southern Illinois University, 1964

In Electrical Engineering

PETER ALEXANDER, B.E., University of Canterbury (New Zealand), 1965
 MARCUS LOY BUNTING, B.S., 1966
 DAVID EUGENE BUTLER, B.S., University of Missouri, 1966
 SATYANARAYANA CHALASANI, B.E., Indian Institute of Science (Bangalore), 1964
 GEORGES JEAN CHRETIEN, Dipl. Ing., Ecole Nationale Superieure des Telecommuni-
 cations, 1966
 BRIAN LEE CORRIE, B.S., 1966
 FORREST ALAN GREEN, B.S., 1966
 VICTOR JEROME MONTY, B.S.E.E., Newark College of Engineering, 1966
 JOHN PHILLIP MORROW, B.S.E.E., University of Mississippi, 1966
 LAWRENCE ROBERT MURPHY, B.S., 1966
 ALTON BENJAMIN OTIS, JR., S.B., Massachusetts Institute of Technology, 1964
 EARL GORDON PHILLIPS, B.S., 1966
 EARL KENNETH RETHERFORD, B.S.E.E., Purdue University, 1966
 ROGER PHILIP RIES, B.S., 1966
 MARVIN CARSON ROGERS, JR., B.S., 1964
 JACK LEONARD SALTICH, B.S., 1966
 ESAM FAYEZ MUSTAFA SAMARA, B.S., 1965
 HARRY SCHMEICHEL, B.S.E.E., Illinois Institute of Technology, 1965
 PETER WILLIAM SOGNEFEST, B.S., 1964
 JOHN RICHARD THOMAS, B.S., University of Southern Mississippi, 1962
 ISAO TOYOKAWA, B.Sc., University of the Ryukyus, 1963
 RICHARD PETER TURCO, B.S., Rutgers, the State University, 1965

In Finance

MARTIN THOMAS CONROY, B.A., St. Procopius College, 1965
 WILLIAM RELLER DESOLLAR II, A.B., 1964
 MARK STANLEY DORFMAN, B.S., Northwestern University, 1966
 GERALD WAYNE PETERSON, B.S.B.A., Drake University, 1966
 EDWARD LOUIS PRILL, B.S., Wisconsin State University (Stevens Point), 1962

In Food Science

CARL WAYNE HASTINGS, B.S., 1964

In Forestry

ROBERT PAUL GREGORY, B.S., 1965

In Geology

JAMES CLIFTON GAMBLE, A.B., Earlham College, 1962
 JOHN WILLIAM VUKOVICH, B.S., University of Wisconsin (Milwaukee), 1964

In Health Education

ROBERT JOHN MOORE, JR., B.S., 1962
 SUSAN JANE PETERS, B.S., University of Florida, 1966
 JOHN REESE SEFFRIN, B.S., Ball State University, 1966

In Home Economics

GLORIA ARACHELL BROOKS, B.S., Agricultural and Technical College of North
 Carolina, 1965
 JANICE IRENE MAYFIELD, B.S., Washington State University, 1965
 CAROL LARSON WARFIELD, B.S., South Dakota State University, 1962
 MARY CLARK WILLY, B.S., 1963

In Industrial Engineering

HUSENI HATIMBHAI KAPADIA, B.Tech., Indian Institute of Technology, 1966
 AHMET CETIN TAMER, B.S., 1966

In Journalism

JONG-YEOL KIM, B.A., Korea University, 1962

JAMES ANTHONY KLOSOWSKI, B.S., 1963
 ROGER RAY MORRIS, B.S., Morris Harvey College, 1966
 RAMONA ANN SMITH, B.A., Dickinson College, 1962
 EVA JANE POWEL THOMAS, B.A., State University of Iowa, 1965

In Library Science

RICHARD EDMUND VICTOR ALLWARDT, B.A., Valparaiso University, 1962
 ARMI KAARINA BARNETT, A.B., Brigham Young University, 1961
 MARCIA LOUISE BENGIS, B.S., Grove City College, 1964; M.S., 1966
 ETHEL WOBUS BLOESCH, B.A., Elmhurst College, 1953; S.M.M., Union Theological Seminary, 1955
 EDNA LOIS BOOZE, B.S., Illinois State University, 1964
 RUTH BEERY BORDEN, B.Ed., Illinois State University, 1940
 BETTY MUENCH BREITHAUP, A.B., Asbury College, 1953
 DWIGHT FRANCIS BURLINGAME, B.S., Moorhead State College, 1965
 RACHEL RAE CAMPBELL, B.S., Southeast Missouri State College, 1962
 EMMA SYKES DAVIS, B.S., Virginia State College, 1950
 PATRICIA CATHERINE FEELEY, A.B., Douglass College, 1966
 DIANE DUBROW FISHMAN, A.B., Cornell University, 1966
 ROBERT JOSEPH FORTADO, A.B., Illinois College, 1960
 WILLIAM CARLISLE GAINES, JR., B.A., Florida Atlantic University, 1966
 BARBARA JEAN GEISAR, B.A., Milwaukee-Downer College, 1964
 DOROTHEA HAYMAN GILPIN, B.A., Eureka College, 1959
 LAURA ELLEN GOWDY, B.A., Monmouth College, 1949; M.A., University of Colorado, 1955
 JANET KAY GRIFFY, B.S., Eastern Illinois University, 1961
 WILLIAM HENRY GUNDLAH, B.A., Valparaiso University, 1961
 NANCY ELIZABETH HARDIN, B.S., 1966
 CARL BYRON HOLLAND, B.A., Michigan State University, 1960; B.D., Lutheran School of Theology at Chicago, 1964
 BENITA JANKLE HOWELL, A.B., Duke University, 1965
 LYNN CAROL ILLBACK, A.B., Wheaton College, 1964
 ANN LYNN KALKHOFF, A.B., 1966
 FLORA MCLAUGHLIN KEARNEY, A.B., College of William and Mary, 1941; A.M., Radcliffe College, 1942; Ph.D., University of Maryland, 1954
 NANCY NYE KNIPE, B.A., Lawrence University, 1966
 SHIH-MAY LI, B.A., MacMurray College, 1965
 MARY BETH MCGUFF, B.A., Siena College, 1965
 BEVERLY HERSHBARGER MILLER, B.S., Eastern Illinois University, 1955
 MARGARET PUCKETT MILLER, B.A., Colorado State University, 1964
 ROSALIND ELAINE MILLER, A.B., Drury College, 1951; M.A.Ed., Washington University, 1961
 JOHN ANDREW MRAZ, B.S., 1963
 PATTY LOU MUNN, B.Sc., Ohio State University, 1962
 CAROLYN SUE ONSTOTT, B.S., Southern Illinois University, 1963
 BARBARA ANN PAUL, B.A., Roosevelt University, 1966
 MARILYN LOUISE PAUL, B.A., Sioux Falls College, 1966
 GENE KEITH RINKEL, A.B., Greenville College, 1950; B.D., Asbury Theological Seminary, 1958
 BARBARA LOUISE SACKMAN, B.A., Adelphi College, 1966
 CHARLES MARVIN SCHAEVE, B.S., M.S., 1950, 1951
 PHILIP RONALD SCOTT, B.S., Ashland College, 1961
 KATHRYN ANNE SPITZNAS, A.B., 1964
 ROBERT GAIL STANLEY, B.S., M.S., Kansas State University, 1948, 1949
 JOHN JOSEPH SZCZEPANSKI, B.S., 1966
 CAROL MARY NELSON THOMAS, A.B., 1966
 REBECCA ANNE THOMAS, B.S., University of Tennessee, 1964
 DOLORES JANEAN THOMPSON, A.B., University of Missouri, 1963
 DONNIE LEE TOLLIVER, B.S., M.S., Eastern Illinois University, 1960, 1964
 GEORGE WALTER TOUSSAINT, B.S.Ed., Southern Illinois University, 1957; M.A., State University of Iowa, 1963
 JILL LEE TRÖELSTRUP, B.A.Ed., Arizona State University, 1966
 DELORES BOURAS WALLACE, B.F.A., M.F.A., 1950, 1953

CAROL JANET WEBB, B.A.Ed., University of Arizona, 1949
 NORMAN GRAENING WENDE, B.A., Wartburg College, 1953; B.D., Wartburg Theological Seminary, 1957

In Management

JOHN STANLEY FIESE, B.S., 1966
 MOTOKI SHIRASUKA, B.Agr., University of Tokyo, 1962
 CHARLES EDWARD WATSON, B.S., University California, 1966

In Marketing

MICHAEL LEWIS COHEN, B.S., 1964
 CHARLES JAN STEWART, B.S., Purdue University, 1962

In Mathematics

MARY MARGARET BAKER, B.S., Mundelein College, 1966
 ERIC JOHN BRAUDE, B.Sc., University of Natal, 1965
 VELETA PAULETTE BROOKS, A.B., MacMurray College, 1966
 ROBERT OWEN CARR, B.S., 1966
 JEROME MICHAEL CASEY, B.S., University of Minnesota, 1966
 STEVEN HOWARD COMSTOCK, A.B., MacMurray College, 1965
 KENNETH CHARLES FLOREK, B.A., Saint Mary's College, 1966
 GUNTER GUCKEL, B.S., B.S., 1964, 1965
 HENRY NELSON HAYHOE, B.Sc., Carleton University, 1966
 MICHAEL THOMAS HOGINS, B.A., University of California (Los Angeles), 1965
 ALVIN GEORGE KLEIN, B.A., Saint Louis University, 1966
 BRUCE STEPHEN LUND, B.S., 1967
 MARIE ANTOINETTE MACHNIKOWSKI, B.S., Northern Illinois University, 1965
 VIRGIL JOHN NIEMAN, B.S., Eastern Illinois University, 1964
 JULIUS WALTER OVERBECK, A.B., 1966
 THOMAS SANDS PARKS, B.S., Stanford University, 1963
 ANTHONY JOSEPH PRIETO, B.S., 1966
 ALICE RUTH SCHELLBERG, B.S., 1965
 MILDRED GEORGIA SCHLAPKOHL, B.S., Northwestern University, 1953
 CATHERINE LEIGH STEPHENS, B.A., University of Colorado, 1966
 TA-TUNG CHING TONG, B.A., Tunghai University, 1960; M.A., Brown University, 1964
 MARCIA JEAN UEBBING, B.S., Mundelein College, 1966
 KENNETH MICHAEL VANNELLI, B.S., University of Minnesota, 1966

In Mechanical Engineering

ROBERT RAY GOODRICH, B.S., Southern Illinois University, 1960
 GARY WILLIAM HOLMES, B.S., 1966
 ROBERT JOSEPH PODLASEK, B.S., A.B., 1966, 1966

In Metallurgical Engineering

BIJOY KISHORE DAS, B.Tech., Indian Institute of Technology (Kharagpur), 1965
 RONALD HENRY GELLS, B.S., Northwestern University, 1966
 DONALD IRWIN POTTER, Ph.B., B.S., Wayne State University, 1964, 1966
 JAMES ALLEN SALSGIVER, B.S., Pennsylvania State University, 1965
 MICHAEL ALLEN SCHMERLING, B.S., 1965
 FRANCIS ANDRÉ VASSORT, Diplôme d'Ingénieur Civil des Mines, Ecole Nationale Supérieure des Mines de Paris, 1965

In Microbiology

STEVEN BERNARD ANSLEY, B.S., College of the City of New York, 1966
 PATRICIA ANN ENDA, B.A., St. Xavier College, 1965
 HOWARD MARC GOLDEN, B.S., 1965
 RONALD EDWARD JUREZIZ, B.S., 1965
 PETER JON KNISKERN, B.S., 1965
 KINGSLEY FREDERICK LANGENBERG, B.S., 1965
 DENNIS MICHAEL O'NEIL, B.S., Purdue University, 1964
 BERNADETTE KNUE PACE, B.S., Indiana State College, 1965

In Mining Engineering

- KAO HSIUNG LIAO, B.S., Taiwan Provincial Cheng Kung University, 1963
 TUKREL RADHAKISHIN THAKUR, B.Eng., University of Madras, 1963
 BISHWA NATH TOMKORIA, B.Sc.(Hons.), Ranchi University, 1966

In Music Education

- JOHN BRANT ALBERT, A.B., Southern Illinois University, 1964
 VIRGINIA RUTH ARCHER, B.S.M., Bluffton College, 1938
 JOE LOUIS BOYER, B.S., Tennessee Agricultural and Industrial State University, 1962
 ROBERT GEORGE CHASE, B.A., Northland College, 1962
 ROGER RANDOLPH CUNNINGHAM, B.Mus.Ed., Illinois Wesleyan University, 1962
 JON RICHARD DUGLE, B.S., 1965
 AMEL EMILE EILAND, B.M.E., Jackson State College, 1964
 SUZANNE WATKINS FREESE, B.S., 1961
 THOMAS ROY HAGEMAN, B.M.Ed., Illinois Wesleyan University, 1964
 DONNA SUE HITE, B.S.Ed., Northern Illinois University, 1966
 CAROL JANE HOOGEVEEN, B.S., 1966
 WILLIAM DEAN KISINGER, B.S., 1963
 SUNNY JOAN LAWRENCE, B.M.E., Bradley University, 1957
 FREDERICK GEORGE LEVORA, JR., B.S., University of Dayton, 1964
 LARRY RAY MAFFETT, B.S., Eastern Illinois University, 1962
 CAROLYN JOYCE MITCHELL, B.Mus., B.S., 1959, 1959
 BETTY SUE NETHERY PALSGROVE, B.S., Southeast Missouri State College, 1943
 PETER PAUL PARADY, B.S., University of New Hampshire, 1963
 THOMAS ARTHUR PARKER, B.S., Illinois State University, 1962
 JAMES ALAN PHILLIPS, B.S., 1966
 DAVID EUGENE REED, B.S., Eastern Illinois University, 1961
 SHARON KAY REICH, B.M.Ed., Valparaiso University, 1966
 ROBERT JOHN RUCKRIGEL, B.S., 1963
 FRANKIE SWIFT SEABERRY, B.S., Illinois State University, 1958
 WILLIAM ANDREW SHAY, B.S., Wisconsin State University (Stevens Point), 1965
 CHARLOTTE MARIE SOUDER, B.S., Northern Illinois University, 1962
 WILLIE THOMAS SUMMERVILLE, B.S., Arkansas Agricultural, Mechanical and Normal College, 1966
 WILLIAM CURTIS WORRA, B.M., Western Michigan University, 1955

In Nuclear Engineering

- JAMES CHEH-MIN CHOW, B.S., 1966
 OREST ANTHONY HRYNEWYCH, B.S., 1966
 HAROLD JOSEPH PEARSON, B.S., Tougaloo Southern Christian College, 1966

In Physical Education

- CAROL JEAN ABERLE, B.S., Illinois State University, 1964
 JOYCE ELLEN CANTILENO, B.A., Queens College, 1964
 MARILYN LAMONT DiLIBERTO, B.S., Kent State University, 1954
 MARTHA ELAINE EWING, B.S., Kansas State University, 1966
 LARRY R. GETTMAN, JR., A.B., Colorado State College, 1966
 PRISCILLA SUE JARBOE, B.S., Indiana University, 1966
 BARBARA JEAN JARVIS, B.S., Central Michigan University, 1962
 MAURICE JOHN JETTE, B.A., University of Ottawa, 1958
 JAMES WILLIAM KOHLER, B.S., 1962
 PETER RICHTER, Diplom, Sportshochschule (Koln), 1963
 RONALD ARTHUR SCHAD, B.A., University of Western Ontario, 1966
 RONALD PETER SCHLEGEL, B.A., University of Western Ontario, 1966
 WILLIAM DARE SNYDER, B.S., 1966
 SANDRA LEE WILHAM, B.S., 1965

In Physics

- ALLAN WAYNE BJERKAAS, B.S., University of North Dakota, 1966
 GARY RALPH CAMPBELL, B.A., Southern Illinois University, 1965
 JAMES SHIH-TSIH CHANG, B.S., 1965

TED MIYOSHI KOBAYASHI, B.S., United States Military Academy, 1964
 DON ALLEN MARSHALL, B.S., University of Idaho, 1966
 JORGE OSSANDON, Licenciado en Fisica, Austral University of Chile, 1960
 DON LYNN RENFRO, B.S., United States Military Academy, 1964

In Physiology

WILLIAM BRADFORD BAKER, A.B., Calvin College, 1965
 RICHARD DEAN BARNETT, B.S., 1964
 PAUL HARLAN BRAMSON, B.S., Colorado State University, 1963
 LAURENCE MICHAEL MITCHEN, B.A., Carthage College, 1965

In Psychology

GERALDINE ELIZABETH KELLY, B.S., 1966
 SUSAN JANE PFEIFER, B.S., 1966

In Recreation

HENRY ANDREW BERGER, B.S.Ed., State University of New York (Cortland), 1966
 STANLEY THOMAS DORFF, B.S., Wisconsin State University, 1966
 DE SALE GAUTHIER, B.A., University of Ottawa, 1963
 MARILYNN GRACE GUILLAUME, B.S., University of Michigan, 1957
 PHOEBE MARJORIE HAMILTON, B.P.E., University of British Columbia, 1966
 SHARYN SIPE HERB, B.S., Slippery Rock State College, 1966
 DENNIS RAMSAY HOWARD, B.S., University of Oregon, 1966
 SHARON ANN HUBER, B.S., Indiana University, 1966
 RUSSELL JOHN IRVINE, B.P.E., University of New Brunswick, 1964
 DAN WILSON KENNEDY, B.S., 1964
 CHARLIE WAYNE KORINEK, B.S., Arizona State University, 1966
 HAROLD LEE KUND, A.B., Illinois College, 1965
 THOMAS ERROL HARDY LEE, B.A., B.P.E., McMaster University, 1964, 1965
 ROLAND HAROLD SHARER, B.S., Arizona State University, 1966
 JOHN DOUGLAS SINNOTT, B.P.H.E., University of Toronto, 1965
 DAVID LOUIS WIEMER, B.S., Iowa State University, 1955
 MELVIN LEROY WOODS, B.S., Jackson State College, 1962

In Sanitary Engineering

GEORGE ALLEN FARNSWORTH, B.S., 1966
 CHARLES ROBERT KERTELL, B.C.E., Rensselaer Polytechnic Institute, 1966
 ALBERT TAKAKI KONDO, B.S., 1966
 JAMES ROBERT QUIN, B.S.C.E., Lafayette College, 1966

In Speech Correction

CYNTHIA MAY BISHOP, B.S., New York State College (Brockport), 1965
 BARBARA JEAN LESTER, B.S., Eastern Illinois University, 1965
 MAX BRENTON McDERMOTT, B.S.Ed., Eastern Illinois University, 1964
 SISTER MARY WILMA SMITH, A.B., St. Ambrose College, 1954, A.M., 1962
 KAREN ELAINE TULIN, B.A., University of Maryland, 1966

In Statistics

CHI SONG WONG, B.S., National Taiwan University, 1962; M.S., University of Oregon, 1966

In the Teaching of Biological Sciences and General Science

CHARLENE ANN NEMEC, B.S.Ed., Northern Illinois University, 1966
 JOHN THOMAS SILVER, B.S., 1966

In the Teaching of Geography

STEVEN CURTIN ROBERTS, B.S.Ed., Western Illinois University, 1962

In the Teaching of Mathematics

HOWARD ALLAN AMERLAN, B.S., 1966
 PATRICK JOHN BIBBY, B.S., Illinois State University, 1963
 ROGER ALLAN ENGE, B.A., Luther College, 1961
 JOY DIAN FETT, A.B., MacMurray College, 1966

MARILYN ROSE FONTES, A.B., Salve Regina College, 1961
 RONALD WALTER FORDONSKI, B.A., Lewis College, 1963
 DANNY LEROY HADDOCK, B.S., Eastern Illinois University, 1963
 CLEVELAND HOLMES, A.B., Stillman College, 1960
 GERALD JAMES MACNAB, B.S., Illinois State University, 1963
 JUDITH ANN MADARY, A.B., Miami University, 1961
 JON LEROY PEACY, B.S., 1958
 SISTER MARY PAUL HOLDMEYER, B.S., Notre Dame College (Missouri), 1956
 SISTER DAVID MARIE TONER, A.B., Saint Xavier College, 1962
 RICHARD ORVIN SMITH, B.S., Illinois State University, 1965
 JUDITH KAY TURNBULL, B.S., Western Illinois University, 1964

In the Teaching of Physical Education

MARY JEAN BOOTHBY, B.S., 1966
 JUDITH ANN MIRUS, B.A., DePauw University, 1966
 KENNETH WALTER ZIMMERMAN, B.S., 1963

In Theoretical and Applied Mechanics

SAMUEL LEE HAWKES, B.S., San Jose State College, 1966
 ROBERT PHILLIP HUBBARD, B.S.M.E., Duke University, 1965
 SAMMY AARON KIGER, B.S., 1966
 WILSON LEEMING, B.S., 1957
 JOHN JOSEPH MARCINIAK, B.S.E.S., University of Notre Dame, 1966
 ROLAND BAXTER WILSON, B.S., 1966

In Veterinary Medical Science

HAROLD NEIL BECKER, B.S., D.V.M., 1960, 1962
 EDDO CALETTI PAGANIN, Medico Veterinario, University of San Marcos, 1963
 MARVIN ALFRED NORBY, D.V.M., Kansas State University, 1947
 JOHN CARL THURMON, B.S., D.V.M., University of Missouri, 1960, 1962

In Zoology

BARRY WALTER ACHE, B.S., Albright College, 1965
 LEE EDWARD ENGSTROM, B.S., Iowa Wesleyan College, 1964
 GREGORY FRANCIS ERICKSON, B.S., North Park College, 1964
 GRETCHEN VAN CAMP HALL, A.B., Albion College, 1962
 JAMES MICHAEL JONES, B.A., Culver-Stockton College, 1965
 SANDRA HAGER KLUG, B.S., University of Wisconsin, 1966
 BILLY LEE REDMOND, B.S., University of Tennessee, 1964
 ROLAND RAY ROTH, B.S., University of Arkansas, 1966
 JAMES MITCHELL SONTAG, B.S., Lamar State College of Technology, 1965
 DAVID LAURENCE THOMAS, B.S., 1964
 ALICE PEPPER VAUGHAN, B.S., Wittenberg University, 1965
 EARL GRAVES ZIMMERMAN, B.S., Indiana State University, 1965

Degree of Master of Music

LAWRENCE JOHN DALEY, B.Mus., Roosevelt University, 1962
 DOUGLAS ROBERT DiBIANCO, B.Mus.Ed., University of Notre Dame, 1963
 KENNETH JOHN FERRANTINO, B.S., Northern Illinois University, 1965
 WILMA JEAN GEIL, B.A., Swarthmore College, 1961; M.S., 1964
 PAUL STEVE GORSKI, B.M., 1965
 DAVID CHARLES HOTTMANN, Mus.B., Oberlin College, 1956
 ALBERT CLEMON HUGHES, JR., A.B., B.M., Birmingham Southern College, 1964,
 1964
 JON CLIFFORD HUMPHREY, B.Mus., Baldwin-Wallace College, 1958
 WILLIAM PATTERSON MULLEN, B.Mus., 1966
 CLIFFORD IRWIN OCHAMPAUGH, B.M., Kansas State University, 1966
 DELREEN HAFENRICHTER PHILLIPS, B.Mus., 1966
 RUDOLPH OWENS SHACKELFORD, B.Mus. and Mus.Ed., Richmond Professional Insti-
 tute, 1966
 LAWRENCE EUGENE WELLER, B.S., B.Mus., 1964, 1964

Degree of Master of Education

- REVA MCDANIEL ABRAHAM, A.B., University of Kansas, 1937
 NARONG ANANTARUNGSI, B.Ed., College of Education (Bangkok), 1956
 DONALD DEAN ANGEL, B.A., State College of Iowa, 1959
 LORRINE ELAINE ARNETT, B.S., Illinois State University, 1964
 ANITA ROHN ARNEY, B.A., Augustana College, 1965
 ROBERT DEAN ARNOLD, B.S., Wheaton College, 1961
 KAY ELAINE ASHDOWN, B.S., Illinois State University, 1959
 FRANK GOLDMAN BAILEN, A.B., 1966
 OMA BONITA BAKER, B.S., Olivet Nazarene College, 1959
 CHARLENE MARY BALOUN, A.B., Mundelein College, 1964
 PAUL PETER BALTIS, A.B., Marianapolis College, 1940; M.S.I.R., Loyola University, 1960
 BERT ELWYN BARICKMAN, JR., A.B., 1961
 MARJORIE JEAN MILLER BARNETT, B.S., 1966
 JANE OLIVER BARR, B.S., Ball State Teachers College, 1964
 JAMES EDWARD BAUER, B.S., Eastern Illinois University, 1963
 SUSAN MARY BAUMBACH, B.S., 1964
 GALE LEE BEATTY, B.S.Ed., Northern Illinois University, 1966
 LEA GRACE BEAUDRO, B.S.H.A., Northwestern University, 1950
 RONALD RAY BERKSHIRE, B.A., Evansville College, 1952
 HENRIETTA MARY BERNING, B.S., Western Illinois University, 1955
 DAVID ARNOLD BERTO, B.S., Indiana State Teachers College, 1964
 BELVA MARTIN BEYERS, B.S., 1963
 RICHARD JOE BODINE, B.S., Indiana State University, 1962
 CAROL LYNN BOICE, B.F.A., Millikin University, 1962
 SHARON MARIE BONCOSKY, B.A., Augustana College, 1965
 JEAN GERBER BOWEN, B.A., Millikin University, 1964
 SANDRA ERVIN BOWEN, B.S., 1964
 RICHARD KENNETH BOYER, B.S., Eastern Illinois University, 1959
 MARY LOUISE BRAMER, B.S., 1960
 MARGO GEORGIA BROWNE, A.B., Elmhurst College, 1960
 JANIFER ENGQUIST BROZ, A.B., Augustana College, 1958
 GEORGE XAVIER BUHL, B.A., Lake Forest College, 1953
 KEITH VERNON BURBA, B.A., Olivet Nazarene College, 1965
 LINDA RICE BURBA, B.A., Olivet Nazarene College, 1966
 JOANN MARY BUTTIMER, B.S., 1962
 NANCY EILEEN CAIN, B.S., Ball State University, 1964
 JOHN GORDON CAMPBELL, B.S., Milton College, 1949
 KATHLEEN ANN CENTER, B.S., Macalester College, 1964
 CHARLES JAMES CHILVERS, B.S., 1966
 LEONARD COLLIER, B.S., Washington University, 1961
 JUNE MARGARET STOTTS CONNOR, B.S., 1962
 JAMES EMORY CORGAN, B.S., University of Missouri, 1950
 ANNETTA BERNIECE DAVIS, B.S., 1964
 DONALD ARTHUR DAVIS, B.S., 1953
 LINDA KAY DAVIS, B.A., North Central College, 1966
 MARY ANNE DAVIS, B.S., Eastern Illinois University, 1962
 SHIRLEY NELSON DAVIS, A.B., University of Dubuque, 1962
 MARLENE TAYLOR DAVISON, B.S., Tuskegee Institute, 1957
 GRACE ANN DE GIROLAMO, B.A., DePaul University, 1963
 MARIE LYDIA DIETER, B.S., Eastern Illinois University, 1962
 GORDON GRAY DREMANN, B.S., Illinois State University, 1960
 WILLIAM EAGLETON, B.S., Southern Illinois University, 1963
 HANNAH MARIE ERICKSON, B.A., Luther College, 1961
 NORMAN EDWARD FECHTIG, B.S., 1960
 BRENDA FISHER FERGUSON, B.S., 1963
 JEFFREY LEE FERGUSON, B.S., 1964
 ALVERA NARMONT FITZHUGH, A.B., MacMurray College, 1962
 THERESA HUGHES FRANKLIN, B.S., Philander Smith College, 1952
 MARY LOUISE FREDERICK, B.S., Grambling College, 1958
 GEORGE THOMAS FREESE, B.S., Eastern Illinois University, 1963

- GERALD LEE GAJDA, A.B., St. Benedict's College, 1955
 GEORGE JOHN GALLA, B.S., 1964
 JOEL DAVID GALLOWAY, B.S., Iowa State University, 1963
 JOHN MORRIS GARTH, B.S., Eastern Illinois University, 1962
 ENID BELL GIFFORD, A.B., 1955
 EDITH ESTELLE GILLES, B.S., Wisconsin State University (Superior), 1963
 ROSEMARIE BUERKLE GILPIN, B.S.Ed., Ball State University, 1965
 DAVID GLENN GODDARD, B.S., Eastern Illinois University, 1963
 JAMES MARTIN GRASSE, B.S., Olivet Nazarene College, 1963
 LAWRENCE DAVID GRETH, B.S.Ed., Western Illinois University, 1965
 CAROLE ANN GRIMM, B.S.Ed., Eastern Illinois University, 1964
 LARRY FIELDS GUTHRIE, B.S., 1966
 DARLA KAREN HAGEMAN, B.S., Illinois State University, 1964
 DALE BUEL HALL, A.B., 1964
 RANDALL DEAN HALL, A.B., 1964
 MELVIN EUGENE HAMILTON, A.B., Harris Teachers College, 1962
 DOROTHY EILEEN HAMMOND, B.A., Ohio Wesleyan University, 1959
 JOHN LEIGHTON HANGEY, B.S.Ed., Illinois State University, 1962
 GARY F. HANNAGAN, B.S., Eastern Illinois University, 1963
 MATTIE PEARL HARRISON, B.S., Jackson State College, 1962
 GEORGE ROBERT HART, B.S., 1964
 MARIAN VAN GERPEN HATHAWAY, B.S., 1955
 ROBERT LEEROY HEAVNER, B.S., 1960
 GAIL OLMSTEAD HEIDARI, B.S., 1962
 ROBERT ST. CLAIRE HENRY, B.S., Shurtleff College, 1954
 VIVIAN RUTH HERNDON, B.A., Harris Teachers College, 1959
 LAUREL MARTIN HERTIG, B.A., University of Texas, 1948; M.S., State College of Washington, 1950
 MICHAEL JOHN HILL, B.Ed., Chicago Teachers College, 1964
 VIRGINIA ROSKENS HILL, B.S., Iowa State University, 1951
 LAWRENCE MICHAEL HOFFMAN, B.S., Wisconsin State Teachers College (Stevens Point), 1955
 JOY MAE HOHULIN, B.S., Illinois State University, 1963
 ALAIN GUSTAVE HOLT, B.A., Gustavus Adolphus College, 1962
 ELAINE CYNTHIA HOPEWELL, B.F.A., 1965
 ETHEL BERNICE HOYT, B.S., Western Illinois University, 1962
 BARBARA JOANN DOWNING HUBBARD, A.B., Duke University, 1965
 DONALD WAYNE HUBBARD, B.S., Southern Illinois University, 1956
 JEAN KOOF HURST, B.S., Northwestern University, 1947
 JOSEPH BRANNAN HURST, JR., A.B., 1966
 WALLACE JIRO INOUE, B.S.Ed., Northeast Missouri State Teachers College, 1962
 RUTH ALICE ISAACS, Th.B., B.S., Olivet Nazarene College, 1957, 1963
 EMILY RICHARDSON IVORY, A.B., Johnson C. Smith University, 1946
 HARRY LOGAN JACKSON, B.S., Eastern Illinois University, 1959
 JEWELL BANKS JACOBSON, B.S., Central Missouri State Teachers College, 1938
 EDWARD JAKUBCZAK, B.S., Lewis College, 1956
 CAROL HERRMANN JASNOW, B.A., Elmira College, 1964
 THOMAS FRANCIS JENNINGS, B.S., Illinois State University, 1963
 E. PETER JOHNSEN, A.B., St. Mary of the Lake Seminary, 1959
 CAROLL GARD JOHNSON, B.S. (Agr.), B.S. (Agr.Ed.), 1941, 1941
 COLLEEN SMITH JOHNSON, B.Ed., Chicago Teachers College, 1958
 NORMAN LEROY JOHNSON, A.B., McPherson College, 1962
 ANNE LAURA JOY, B.A., DePauw University, 1966
 ELDA LOUISE KAUFMAN, B.S., Eastern Illinois University, 1962
 DWIGHT WENDALL KEELE, B.S., Southern Illinois University, 1956
 HARVEY MILTON KELBER, B.S., 1965
 ALVAH CARL KELLEY, B.S., Southern Illinois University, 1964
 LORAINÉ DORIS KELTNER, B.S., Illinois State University, 1959
 FRANK NEIL KENNEDY, B.A., McKendree College, 1965
 EDWARD AARON KIRBY, B.A., Southern Illinois University, 1965
 SARA JOAN KNIGHT, B.S., 1964
 FRANCIS PETER KOTTRA, B.S., Carthage College, 1961
 FRED KRAUSS, A.B., 1965

RITA AGNES KURTENBACH, B.S., Illinois State University, 1950
 KENNETH WALTER LAHR, B.S.C.E., Tri State College, 1953
 WILLIAM JOSEPH LAKEN, B.S., Lewis College, 1963
 DARRELL WILLIAM LANE, JR., B.S., 1962
 EMMA BRANDT LANGHORST, B.S., Illinois State University, 1964
 LEVI LESLIE LATHROP, A.B., McKendree College, 1959
 RONALD LARRY LIESEN, B.S., Quincy College, 1963
 DONALD MAURICE LINDQUIST, B.S., Illinois State University, 1963
 MARY ANN LINK, B.S., Southern Illinois University, 1964
 RICHARD LOWELL LINNENBURGER, B.S., Western Illinois University, 1964
 CAROL ANN LIPPERT, A.B., 1964
 JOHN MERTON LUNDSTEN, B.S., 1966
 JAMES LOUIS MANTHE, B.S., 1963
 HELEN NEWMAN MARSHALL, B.S., 1966
 RUTH MARY LEITCH MARTEN, B.S., Eastern Illinois University, 1944
 JOYCE KIMBELL MARVEL, A.B., Philander Smith College, 1962
 CLYDE WESLEY MASON, B.S., Bradley University, 1958
 BETH MARLENE MASSEY, B.S., Eastern Illinois University, 1962
 JOHN ARTHUR MAU, B.S., Southern Illinois University, 1963
 SYLVIA QUINN MAYCOX, B.S., Florida Normal & Industrial Memorial College, 1960
 SARA JOAN MCGARIGLE, B.S., Eastern Illinois University, 1956
 MARY CLARKE McJUNKIN, B.S.Ed., Northwestern University, 1965
 NANCY JANE GORDON MCKAUGHAN, B.A., Blackburn College, 1962
 WINSTON ANDREW MCKEAN, B.S., Bowling Green State University, 1960
 JUDITH ANN MECUM, B.S.Ed., Illinois State University, 1966
 THURLENE JOYCE MEDENDORP, A.B., Calvin College, 1966
 VIRDA McDONALD MENKE, B.S., Southern Illinois University, 1963
 THELMA DRUM MENTZER, B.S., Illinois State University, 1961
 JEAN ANN MEYER, B.S., Southern Illinois University, 1963
 JERRY ROBERT MEYER, B.S., Quincy College, 1962
 CHARLES WILLIAM MILLER, B.S., Eastern Illinois University, 1960
 JANIS ROBERTS MILLER, B.S., University of Wisconsin (Milwaukee), 1962
 MARGARET ANNE MILLER, B.S.Ed., Drake University, 1960
 JACK EUGENE MITCHELL, B.S., Illinois State University, 1958
 JANET PLUMMER MOCKAITIS, A.B., MacMurray College, 1962
 DIXIE LEE MOHR, B.S., Northeast Missouri State Teachers College, 1964
 BARBARA BRAAT MONGE, B.S., Illinois State University, 1960
 FREDERICK STEVEN MONK, B.A., Carroll College, 1964
 GALE MAVIS MOORE, B.S.Ed., Illinois State University, 1966
 RITA ANN MORENO, B.A., Saint Xavier College, 1964
 SAMUEL MORGAN, B.S., Lincoln University, 1955
 FARRIES HENRY MORRISON, JR., B.S., Western Illinois University, 1963
 MARY ALICE MORRISSEY, B.Ed., Illinois State University, 1941
 RICHARD KAZUAKI NAKANO, B.S., Northeast Missouri State Teachers College, 1963
 MARTHA SENTENEY NEAL, B.S., Eastern Illinois University, 1965
 MARY SUSAN NORELL, B.S.Ed., Northwestern University, 1965
 DOROTHY MERCER NORRIS, B.S., Bowling Green State University, 1943
 EDWARD PATRICK NUGENT, B.A., Loyola University of Los Angeles, 1955; A.M.,
 University of Notre Dame, 1963; S.T.B., S.T.L., Catholic University of America,
 1959, 1960
 MARGIE CUNNINGHAM O'BRYAN, A.B., 1961
 LINDA KUHPUSS O'DONNELL, B.S.Ed., Illinois State University, 1963
 THEODORE JAMES OETTEL, B.S., Illinois State University, 1962
 JOHN RUSSELL OTT, A.B., McKendree College, 1959
 HAROLD LANE PALMER, A.B., Harris Teachers College, 1961
 GREGORY FRANK PAWLAK, B.S., Illinois State University, 1961
 KENNETH LLOYD PERDUE, B.S., Illinois State University, 1959
 PHYLLIS ELLEN PERGAKES, A.B., 1964
 RUTH KING PERLMAN, A.B., Duke University, 1938
 SARA JANE PEASE PIEPER, A.B., Illinois Wesleyan University, 1939
 CAROLYN REED PIERCE, B.S., Southern Illinois University, 1954
 BOBBETTE SCOTT PIPPENGER, A.B., 1966
 JOHN ROLAND PLEAS, A.B., McKendree College, 1960

- PAMELA JEAN HENRY POLSON, B.S., Kansas State University, 1966
 DONALD LEE POTEETE, B.S., Southern Illinois University, 1959
 FREDERICK JAMES POWERS, B.S., Northern Illinois University, 1963
 JANE ANN PREST, B.S., Illinois State University, 1959
 OPAL ARNOLD PRUITT, B.S., Western Illinois University, 1948
 MARVINIA MAE RANDOLPH, B.S., 1964
 ROBERT FRANCIS REEDY, B.S., Southern Illinois University, 1965
 JOHN ARTHUR REID, B.S., Eastern Illinois University, 1961
 JOHN RICARDO RICCITELLI, B.S.Ed., Western Illinois University, 1961
 CAROLE SUE RIEDELL, A.B., Indiana University, 1966
 GARWOOD CHRIS RIGONI, B.S.Ed., Illinois State University, 1964
 KEITH ALLEN ROBINSON, B.S., 1962
 ELIZABETH ANNE ROLLS, B.S., 1962
 MARK LAWRENCE ROSENBLUM, B.F.A., 1966
 ROBERT COOKE ROSS, JR., B.S., Eastern Illinois University, 1957
 NICHOLAS ANTHONY ROSSI, B.S., State College of New York (Cortland), 1959
 SUZANNE MENZ ROTHERMEL, B.S., 1962
 DONALD LESTER ROUX, B.S., 1961
 JACQUELINE MARGARET RYAN, B.S., Northern Illinois University, 1961
 PATRICIA MARY RYAN, A.B., College of St. Francis, 1964
 CLARK LEAVERTON SABINE, B.S., 1959
 JEAN FRANCES SADLER, B.A., Saint Ambrose College, 1963
 HARRIETT WYATT SAILOR, B.S., 1956
 RAFFAELE SALATINO, B.S., 1964
 WALTER WARD SAVAGE, B.S., Illinois Wesleyan University, 1942
 MARIETTA HELEN SCHEIBE, B.A., Coe College, 1963
 EDWARD EARL SCHIEFER, B.S., 1964
 KAREN JOHNSON SCHILLING, B.S., Bradley University, 1964
 PATRICIA ANN SEAMAN, B.S., 1954
 HOWARD DAVID SHELTON, B.S., Southern Illinois University, 1960
 NATHANIEL SHEPPARD, B.S., Fort Valley State College, 1966
 JUDITH ANN SHIPLOCK, B.S., 1966
 JAY HARLAN SHORES, B.S., 1965
 JANE MARIE SHUMAN, A.B., 1966
 JOAN HELEN SIENKOWSKI, B.S., Northern Illinois University, 1958
 NANCY MCCLELLAND SIMONS, B.A., Millikin University, 1964
 AMARJIT SINGH, B.Sc.A. and A.H., Uttar Pradesh Agricultural University, 1964
 SISTER CECILIA BIALK, A.B., DePaul University, 1935
 SISTER MARY LORETTA CARRIGAN, B.S., Loyola University, 1959
 SISTER MARY DEVOTA DALY, A.B., St. Xavier College, 1960
 SISTER MARY REGINE FANNING, A.B., St. Xavier College, 1956
 SISTER M. ALCANTARA GOODE, A.B., College of Saint Francis, 1958
 SISTER MARY EILEEN MASSE, A.B., College of St. Mary of the Springs, 1954
 SISTER MARY JAMES EDWARD O'BRIEN, Ph.B., DePaul University, 1964
 SISTER PATRICK QUINN, B.S., St. Mary-of-the-Woods College, 1956
 SISTER MARIE CLAUDE SLOAN, B.S., Edgewood College of the Sacred Heart, 1947
 SISTER MARY REGIS SONDGEROTH, A.B., DePaul University, 1952
 SISTER MARY ANTON UTHE, Ph.B., DePaul University, 1962
 DANIEL JOE SLACK, B.S., Southern Illinois University, 1960
 ELAINE OPATRYNY SMID, B.S., Illinois Wesleyan University, 1962
 DALE THOMAS SMITH, B.S., 1962
 JOHN THOMAS SMITH, B.S., 1960
 ROBERT EDWIN SMITH, B.S., Illinois State University, 1949
 RUTH CORTRIGHT SMITH, B.S., 1962
 LUELLA MOORE SNYDER, B.A., Cornell College, 1963
 RUTH MARIE SOHN, B.S., Southern Illinois University, 1949
 CONSTANCE WALTON SOLBERG, A.B., Vassar College, 1950
 JERRY ALLEN SORENSEN, B.S., Southern State Teachers College, 1963
 KENNETH EUGENE SPICER, A.B., McKendree College, 1964
 ELIZABETH HALANE SPIRDURO, B.Ed., Illinois State University, 1942
 RONALD LARRY STAGEN, B.S., Illinois State University, 1960; Ed.M., 1963
 JAMES NEELEY STEWART, B.S., Southern Illinois University, 1959
 RONALD LEE STICKLER, B.S., 1963

KAREN LEE STONE, A.B., 1965
 KATHLEEN GAYLE GILBERT STRADER, B.S., Eastern Illinois University, 1958
 JUDITH BISHOP STROHMEYER, B.S.Ed., Eastern Illinois University, 1964
 RUTH ANN STRUCK, B.S., 1965
 ELIZABETH JEAN SUTTER, B.S., Illinois State University, 1966
 BERNICE RANSOM SWANSON, B.A., Mary Hardin-Baylor College, 1934
 THOMAS ERIC SWARSEN, A.B., Northwestern University, 1963
 LUCILLE CORDELL SWEARINGEN, B.S., 1940
 JAMES HENRY TALBERT, B.A., Millikin University, 1962
 BEATRICE JORDON TERRY, B.A., Fisk University, 1952
 STEPHEN KENNETH THOMAS, B.S., 1962
 DARREL MAHLON THOMPSON, B.S., Iowa State University of Science and Technol-
 ogy, 1959
 DARRELL EUGENE THOMPSON, B.S., University of Southern Mississippi, 1965
 JUDITH PEARSE THOMPSON, B.S., 1964
 LAVONNE OPAL THOMPSON, B.S., Minot State College, 1962
 LEONARD J. TLAPA, B.A., Millikin University, 1962
 WILLIAM EUGENE TRACY, B.S., Illinois State University, 1964
 VERNON JOHN TRUCANO, B.S., Iowa State College of Agricultural and Mechanical
 Arts, 1959
 DAVID LEO TUCKER, B.S., Quincy College, 1964
 ELIZABETH WADE TURNER, B.S., Florida State University, 1943
 KATHRYN KALB VAN HOOREWEGHE, B.F.A., 1963
 WILMA MARSHALL VANZANT, A.B., McKendree College, 1963
 ROBERT HENRY VOGT, A.B., Bradley University, 1964
 RAYMOND DEAN WALLEN, B.S., 1960
 DIANE ANN WCISLO, B.S., Loyola University, 1963
 ROSE MARY WEST, B.S.Ed., Franklin College (Indiana), 1958
 RUSSELL GILES WHITAKER, B.S., Ball State Teachers College, 1963
 WILLIAM GEORGE WHITE, B.S., 1966
 MARION LOUISE WIDMER, B.S., Western Michigan University, 1963
 BIRDEAN THAMES WILLIAMS, B.S., Southern Illinois University, 1961
 EDWARD FELLIS WINGLER, B.S., Northwestern University, 1962
 GERALDINE JONES WOOD, B.S., Northeast Missouri State Teachers College, 1960
 STANLEY LEE WOODS, B.S., Western Illinois University, 1963
 JOYCE LORRAINE WUEHLE, B.S., Western Illinois University, 1954
 CHAMLUENG WUTTICHAN, B.A., B.Ed., Chulalongkorn University, 1956, 1959
 JAMES STEVENSON YOUNG, A.B., Augustana College, 1963
 BONNIE BURDINE YOUNGBERG, B.S.Ed., Indiana University, 1965
 JAMES LAMAR ZAHNLE, B.S., Northern Illinois University, 1956
 BRUNO CHARLES ZUBRZYCKI, B.S., 1958

Degree of Master of Social Work

MARILYN GRACE BENTZ, A.B., University of Washington, 1954
 JANET CAROLYN FAIRS, A.B., 1965
 IRWIN JACK KERZNER, B.A., Roosevelt University, 1965
 ANNE PICKETT MAZUREK, B.A., Beloit College, 1964
 FREDERICK DALE STEIN, B.A., Millikin University, 1965
 CHARLOTTE HARRIET WALKER, B.Ed., Chicago Teachers College, 1958

Degree of Master of Fine Arts

In Design

PATRICK WILLIAM DINEEN, B.F.A., 1965

In Painting and Printmaking

KAREN LOUISE DIPPOLD, B.F.A., 1965
 BARBARA APEL KOETSCH, B.F.A., Kansas City Art Institute and School of Design,
 1965
 RONALD CHARLES RIZK, B.F.A., Maryland Institute College of Art, 1965
 WILLIAM GEORGE WEGMAN, B.F.A., Massachusetts College of Art, 1965

Degree of Master of Laws

ABD EL SAMEI OMER AHMED, LL.B., University of Khartoum, 1964; J.D., 1966

Degree of Master of Television

MENG YANN FU, B.A., National Chengchi University, 1966

WAYNE MICHAEL KAPLAN, B.S., Bradley University, 1966

Degree of Master of Architecture

WILLIAM MALCOLM BARKSDALE, B.Arch., Oklahoma State University, 1966

DAVID WILLIAM DAVIS, B.Arch., Oklahoma State University, 1965

DALE ALDEN DURFEE, B.Arch., Oklahoma State University, 1966

ROBERT THOMAS JAEGER, B.Arch., 1962

JOHN WESLEY POWERS, JR., B.Arch., 1966

LESTER EDWIN ROSENWINKEL, B.Arch., 1964

WILLIAM PHILIP WHITE, B.Arch., Ohio State University, 1965

Degree of Master of Accounting Science

BRUCE EDWARD ARNOLD, B.Bus.Adm., Stetson University, 1966

SUMANA CHOTIKAPANICH, B.Accy., Chulalongkorn University, 1963

HAROLD LEWIS DVORIN, B.S., 1961

HAROLD LAWRENCE HEYMAN, B.B.A., University of Georgia, 1966

ANNA MARIE JACKEY, B.S., American University, 1953

JACK LIPSHUTZ, B.B.A., City College of New York, 1966

JOHN JACOB MADDEN, A.B., 1956

WILLIAM ROY McCLAYTON, B.S., 1966

JOHN HARLAN RATHE, B.S., 1966

DONALD WAYNE ROGERS, B.B.A., Stetson University, 1966

LARRY ENOCH SYDES, B.S., 1966

LAWRENCE GEORGE WOLSKI, B.S., 1966

Degree of Master of Business Administration

GERALD JEROME DAY, B.A., Brigham Young University, 1965

PAUL LANGDON EARLY, JR., B.S., Virginia Polytechnic Institute, 1965

CALVIN HOWELL FITCH, B.S., 1964

ROBERT AYDELOTTE FLECK, JR., A.B., Ripon College, 1965

LLOYD VINCENT GIESLER, B.S., 1965

TIMOTHY EDWARD GRIFFIN, B.A., University of Notre Dame, 1965

GEOFFREY STEVEN KESSLER, B.S., University of California, 1965

JEREMY ANDREW KLAINER, S.B., Massachusetts Institute of Technology, 1963

JOSEPH MURRY RECKA, B.S., 1964

WILLIAM DON SNIDER, B.S., 1964

LEON EDMUND STREMLAU, B.S., 1961

RICHARD EDMUND TOTH, B.S., 1963

Degree of Master of Extension Education

LAWRENCE LEE ACKER, B.S., 1965

BYRON WHITING HUTCHINS, B.S., 1943

Degree of Master of Landscape Architecture

DAVID RICHARD JENSEN, B.S., Utah State University, 1965

DAVID HERMAN KOTTER, B.F.A., Utah State University, 1966

THEODORE DELBERT WALKER, B.S., Utah State University, 1957

Degree of Master of Urban Planning

LYNN CURTIS BENDER, B.S., Michigan State University, 1965

VIRGINIA LOUISE BLAKE, B.A., Swarthmore College, 1965

JOAN LYNN COOKE, A.B., 1963

RICHARD CLAUDE LORAAS, B.A., University of Minnesota, 1965

Degree of Master of Comparative Law

NILS ALFSSON ASTRUP, Cand.jur., University of Oslo, 1966

Advanced Certificate*In Education*

- EUGENE LOUB ARONIN, B.S., M.S., University of Wisconsin (Milwaukee), 1963, 1966
- CHARLES EUGENE BAYLESS, B.S., Purdue University, 1948; A.M., Indiana University, 1950
- MARY ANN KLINGENBERG BENDER, B.S., Southern Illinois University, 1954; M.S., Illinois State University, 1961
- WAYNE HAROLD BLUNIER, B.S., M.S., 1962, 1964
- JEAN MARIE BORG, B.S., Illinois State University, 1950; Ed.M., 1962
- DANIEL MANSFIELD BRAUER, B.S., Western Illinois University, 1954; Ed.M., 1955
- FRANK JOSEPH D'ANGELO, B.S., Loyola University (New Orleans), 1959; M.A., Tulane University, 1963
- GEORGE ROBERT EDWARDS, B.S., Illinois State University, 1948; Ed.M., 1953
- HAROLD BENJAMIN ELLIOTT, B.S., Ed.M., 1949, 1956
- MARTHA GRACE EWING, B.S., Illinois State University, 1944; M.S., 1951
- BRADFORD JOHN FENNER, B.S., M.Ed., St. Lawrence University, 1955, 1956
- BRYANT PAUL FILLION, A.B., University of Michigan, 1960; M.S., C. W. Post College, 1965
- JOHN DUNCAN FRATTICK, B.S., Illinois State University, 1957; M.S., Indiana State College, 1960
- DOMINICK ARCHIE FRIGO, B.S., Western Illinois University, 1955; M.S., Southern Illinois University, 1956
- ROBERT JOSEPH GARCIA, A.B., M.A., New Mexico Highlands University, 1956, 1961
- SAMUEL EUGENE GOOD, B.Ph., Illinois Wesleyan University, 1952; Ed.M., 1957
- RALPH LEO GOODMAN, B.S., Ed.M., 1954, 1960
- SARA GOVER, B.S., University of Dayton, 1958; A.M., Michigan State University, 1962
- DAVID LEE GUILIANI, B.S., Illinois State University, 1958; M.S., Indiana State College, 1963
- LEWIS JUNIOR HILLIARD, B.S., M.S., Southern Illinois University, 1951, 1952
- RAYMOND GEORGE HOLLMANN, B.S.Ed., M.A., Southern Illinois University, 1956, 1959
- JOHN FOSSE JORSTAD, B.S., Illinois State University, 1948; M.S., 1953
- WALTER JOSEPH KIRSCH, B.S.Ed., Indiana State University, 1955; M.Ed., Western Maryland College, 1959
- DAVID GEORGE KIVES, A.B., Wheaton College, 1959; Ed.M., Wayne State University, 1964
- HOMER CARLYLE KUETHE, B.A., University of Colorado, 1947; M.S., 1952
- ALLAN CHARLES LAROCCO, A.B., Monmouth College, 1963; Ed.M., 1967
- EUN SOOK LEE, B.A., Ohio Wesleyan University, 1952; A.M.T., Radcliffe College, 1953
- JAMES OAKLEY LEE, B.A., Haverford College, 1959; M.A.T., Harvard University, 1961
- RUSSELL OLIVER LEWEY, B.S., Ed.M., 1950, 1957
- HAROLD IRVING LINDLEY, B.S., Ed.M., 1961, 1964
- MARGARET MARIE MARTIN, A.B.Ed., University of Michigan, 1962; Ed.M., 1966
- JOHN SAWYER MAYHER, B.A., Williams College, 1961; M.A.T., Harvard University, 1962
- DAVID VERNELL MCBRIDE, B.S., Western Illinois University, 1956; Ed.M., 1964
- ALAN DAYL McCLAIN, B.A., Graceland College, 1962; M.A.Ed., University of Kansas City, 1966
- RAY LAVERNE MYERS, A.B., Knox College, 1954; M.S., Illinois State University, 1966
- LUTHER CHARLES POLLARD, JR., B.S., Drake University, 1954; Ed.M., 1966
- RUTH BERNICE RUSSELL POPE, A.B., A.M., 1945, 1951
- PAUL FREDERICK RAAB, Ph.B., Illinois Wesleyan University, 1953; Ed.M., 1958
- RICHARD TERRY REID, B.S., Oregon State University, 1963; Ed.M., 1967

JAMES EDWIN ROLAND, B.S., M.S., *Indiana State Teachers College*, 1959, 1961
 DONALD GLENN RUCKRIGEL, B.S., Ed.M., 1950, 1958
 JULIA JEANNETTE SANDERS, B.A., M.Ed., *University of North Carolina*, 1955, 1966
 HAZEL JOANNE SCOTT, B.S., *Southern Illinois University*, 1964; Ed.M., 1967
 RONALD JOHN SEIBEL, B.S., M.S., 1957, 1958
 DIANE PRENTISS SHUGERT, A.B., A.M., 1958, 1965
 SANDRA JEAN STINEBRING, B.S., *Illinois State University*, 1959; Ed.M., 1961
 ALVAH LEE STONE, JR., B.S., *Olivet Nazarene College*, 1955; Ed.M., 1963
 CHARLES AUGUST SUHOR, B.S., *Loyola University (Louisiana)*, 1956; M.A., *Catholic University of America*, 1957
 RODNEY OLIVER SYMES, JR., B.S., *University of Chattanooga*, 1960; Ed.M., 1963
 RAIDON YOUNG, B.S., *Ohio State University*, 1964; Ed.M., 1966
 WILLIAM WINSTON YOUNG, B.S.Ed., M.S.Ed., *University of Pennsylvania*, 1950, 1951

Certificate of Advanced Study in Librarianship

FLORENCE HELEN MALTBY, B.A., *Iowa State Teachers College*, 1954; M.S., 1960
 GEORGE ROBERT MALTBY, B.A., *University of Oklahoma*, 1957; M.S., *Louisiana State University and Agricultural and Mechanical College*, 1961

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

LAVERNE EUGENE DEBATIN	RICHARD MAURICE PHALEN
JAMES WILLIAM HARROP	KENNETH ARTHUR PRUSSNER
ROBERT EUGENE LANTZ, HONORS	RICHARD ALAN ROHLF
WILLIAM THOMAS McNAMARA	CHARLES EARL SASSE, HONORS
HARRY LEE MORSE	HAROLD LEE SILKWOOD
CHARLES STUART MOSER	HOWARD RUSSEL SPIRES
JAMES ARTHUR NUTT	JAMES ALLEN STEVENS, HONORS
DONALD GEORGE PAUKEN	

In Floriculture and Ornamental Horticulture

JUDITH ANN POWELL

In Food Science

STEPHEN WALKER DREW

In Forestry

BURNS LANCE DAVISON	STANLEY KENNETH SIPP
WILLIAM GREGORY MCKIBBEN	

In Home Economics

BONNIE ELLEEN BOGENHOLM	VICTORIA RAE MUSGRAVE
CHERYL LYNN CAISE	MARILOUSE SUZZANNAH REED
KATHLEEN DENNIS	DONNA MAE SCHULTZ
ALBERTA LOUISE DORN ENGLAND	

In Home Economics Education

DORIS ANN KELLEY	KAREN JUNE MILLER RICHMAN
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COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical and Astronautical Engineering

NANCY ANN BARKLEY	NORMAN DAVID KAPLAN
PHILIP JAMES BOHN	PATRICK ROBERT MORATH
DANIEL EUGENE DZIEWULSKI	LYLE WILHELM SWENSON, JR.
Fritz ANTHONY GORETZKE	

In Agricultural Engineering

CARLTON ROBERT MILLS

In Ceramic Engineering

LEONARD BART SIS

In Civil Engineering

DEAN CHAPMAN BERNETT
 PAUL ANDREW BOEHLE
 RAYMOND GEORGE COLE
 PETER PAUL DESMONIE, JR.
 DARYOUSH DANNY GHORBANI

JAMES JOSEPH JEREB
 JOHN KONTOUDAKIS
 LARRY AUGUST NEWMAN, High Honors
 BRYAN THOMAS PHEGLEY
 LEON MICHAEL TEBO

In Electrical Engineering

ABDELQADER MOHAMMED HASSAN
 AL-WUHUSH
 EDWARD JAMES BEACH, High Honors
 JOHN KENNETH BEAZLEY
 JOHN HERMAN BIERITZ, High Honors
 MARVIN RAYMOND BOHNERT
 BARRY DEAN BRIGGS
 CLIFFORD LAFAYETTE BROWN, JR.
 LUIGI CONSOLE
 CARL JUNIOR ENLOW
 KONSTANTINOS FESTAS
 JOHN GERVASIO
 WERNER JAMES GIESEKE
 RAYMOND HARRY HANSON
 DAVID MICHAEL HIRSCH
 ROBERT IRVING HURWICH

RICARDO L. JIMENEZ
 DIMITRIOS E. KARVELAS
 ROGER LANE
 GEORGE LANGAS, Honors
 RONALD GUSTAV MARTIN
 DONALD JOHN MCKIM
 LARRY DEAN MOULTON
 FREDERICK JOHN MUELLER
 JAMES DOUGLAS NORRIS, High Honors
 TERRE YOUNGE PRIMMER
 RAJINDER KUMAR RAHEJA
 FRANK DONALD RICHARDS
 ROBERT PAUL ROULEAU
 ALLEN GEORGE TAYLOR
 JONATHAN GARDNER TIDD

In Engineering Mechanics

DENNIS KENDALL JOHNSON

In Engineering Physics

PETROS THEODOROS ANTONOPOULOS,
 High Honors

JOHN EUGENE ECK

In General Engineering

RANDALL EUGENE RANKEN

JAMES EDWIN SKIERSKI

In Industrial Engineering

RICHARD THOMAS PETRELLA

PAUL CLARE WOOD

In Mechanical Engineering

MICHAEL DUANE ALLARD
 KENNETH JOHN BRUMLEVE
 MICHAEL JOSEPH DURKO
 RICHARD OLAYIWOLA FAGBENLE
 MICHAEL EDWARD GEMMILL
 ROBERT ARTHUR HAYSKAR
 DALE ARTHUR HENNING
 MICHAEL GENE HERSCHLER
 GEORGE KAZUO ICHISHITA
 EARL CLINTON JOHNSON III

JEFFREY ALAN JOHNSON
 STEPHEN VICTOR LEVA
 ROBERT TERRY MARSHALL
 FRED WALTER MOLZAHN
 ROBERT JAMES NAVRATIL
 JERRY MICHAEL PROCHASKA
 JORGE LUIS TORRICO
 PETER ARNOLD TUINSTRA
 HERMAN WILLIAMS

In Metallurgical Engineering

CONSTANTINE ALEXANDER KOROSE

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

DAVID LAWRENCE ADAMS
 LOUISE HARRIS ANDRAS
 SANDRA SUE BELDIN

WILLIAM RAY BENSYL, Honors in Lib-
 eral Arts and Sciences with High
 Distinction in Political Science

FAY JEANNE BERGSTROM
 NANCY LEE BIXBY
 DENNIS ARNOLD BRANDT
 BETH JO BROWN
 VAN EDWARD CARLSON
 JOHN LEONARD CARRIERE
 JAMES OLAF CHRISTY
 RICHARD DEAN CONLIN, Honors in Liberal Arts and Sciences
 JOYCE LEE CORLETT
 DAVID ALLEN DAPOGNY, Honors in Liberal Arts and Sciences
 FRANK ARTHUR DE TRANA
 ERNEST CHARLES DOWNEY
 ARTHUR MICHAEL FRIED, Honors in Liberal Arts and Sciences
 ALAN DALE GRAYSON
 CARLENE ZIPSE HARRIS, Honors in Liberal Arts and Sciences
 MARY JEAN HARRIS
 JOHN JOSEPH HENELY, Honors in Liberal Arts and Sciences
 PHYLLIS JANE HETRICK
 BILLIE JEAN ISBELL, Honors in Liberal Arts and Sciences with Highest Distinction in Anthropology
 SANDRA BEATRICE JEFFERSON
 MYRA JOYCE LAZERWITH, Honors in Liberal Arts and Sciences
 MARK POWERS LEONETTI
 CATHERINE LOUISE LOGAN
 DAVID WAYNE LUCAS
 PRUDENCE JANE LYLE
 JAMES MURDAUGH MADDEN
 JEANNE MARIE MALKOWSKI
 STEPHEN ALLEN MANN
 EUGENE GERALD MARTIN
 VERONICA GAIL BEUTLER MATHEIN
 THEODOR ALBERT MAXEINER, Honors in Liberal Arts and Sciences with High Distinction in Economics

In the Teaching of English

SARAH SCHREINER BENSON
 MARYANN CARP, Honors in Liberal Arts and Sciences
 SHELLEY EDITH DAVIES
 ESTELA ELIZONDO

MARY JANET McCORMICK
 HARRY THOMAS MILLER, JR.
 WILLIAM MICHAEL MILLER
 JANE EMERALD MOORE
 TONNA MARIAN MOORE
 JAMES MICHAEL MULLEN
 DAVID FLOYD NEFZGER
 MEADDOW JOHN OLSON
 PATRICIA EVA PALMER
 CAROL FRANCIS PARKHURST
 GARY RANDALL PASNIK
 ROBERT CHARLES REINACH, Honors in Liberal Arts and Sciences
 JULIA RITA RODRIGUEZ
 JACK JAMES SANGERMAN
 JOYCE FRANCES SANGERMAN
 JEROME DAVID SCHENWAR
 MARGARET SCHNITZER
 FLORENCE BLACK SCHWARTZ, Honors in Liberal Arts and Sciences
 WILLIAM FRANCIS SEATON
 EVELINDA HINTZE SHARP, Honors in Liberal Arts and Sciences
 ANGELICA SHTRLEY, Honors in Liberal Arts and Sciences
 ROBERT GEORGE SJOSTROM
 SANDRA LOUINE SKONEY
 BARBARA ELLEN SMITH
 GARY JAY SOLAR
 ANWAR NASSIM SULEIMAN
 ANN LOUISE TEMPLETON
 ELIZABETH TYLER, Honors in Liberal Arts and Sciences
 JOHN EDWARD UTZ
 JAMES STUART WADDELL
 PAUL PETER WAGENBRETH, Honors in Liberal Arts and Sciences
 GREGORY MARTIN WIELAND
 ELLEN ROBERTS WILSON, Honors in Liberal Arts and Sciences

In the Teaching of French

SHARON LYNN LANDES

In the Teaching of Social Studies

JOANNE ETHEL FINLAY
 GARY ALLEN FRY
 CAROLE LYNN LARSON, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

RUTH STROUD MACHULA, Honors in Liberal Arts and Sciences
 JOHN DAVID PAULSGROVE

In the Teaching of Speech

SYLVIA ANN SINGLETON, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

In Theatre Art

EUGENE DALE WARNER

Degree of Bachelor of Science*In Chemical Engineering*

NOBLE BRADFORD FERGUSON, Honors in Liberal Arts and Sciences
 STEVEN LOUIS MILLER, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

MICHAEL BRUCE LONG

In Chemistry

ROBERT CHARLES HOCHEL

In Liberal Arts and Sciences

DAVID LOUIS ALEXANDER
 MARTHA COLLIER ARMSTRONG
 DONALD ANDREW BAKER
 VICTOR CHARLES BELL
 STEPHEN RAYMOND BERG
 JOHN ROBERT BLOCK
 MARY KATHLEEN BOHLEN
 CLINTON WALTER BROOKS, JR.
 BARRY DAVID BROWN, Honors in Liberal Arts and Sciences
 CARLYN REECE BRUCE
 ROBERT WILLIAM CAIRNS
 ROBERT PAUL CARLSON, Honors in Liberal Arts and Sciences with High Distinction in Mathematics
 DENNIS EDWARD CIELASZYK
 RICHARD TERRY COPPOLETTI, Honors in Liberal Arts and Sciences
 LYNN RAOUL DALE, Honors in Liberal Arts and Sciences
 JOSEPH CLAIR DEWEY
 EDWIN HOWARD DOLIN, Honors in Liberal Arts and Sciences
 ROSE MARIE ENDRES, Honors in Liberal Arts and Sciences with High Distinction in Mathematics
 LLOYD LESTER EVANS
 WILLIAM JOSEPH GIBBS, JR.
 RITA JEAN DUSELL GRAUZAS
 ANN MARILYN GUNSALUS
 ROBERT SCOTT HELLER, Honors in Liberal Arts and Sciences
 GERALDINE GRACE IFLAND
 GLEN ALLEN INGRAM
 DAVID ROBERT JEFFREY

DAVID BRUCE KELLEY
 BARRY MARTIN KERMAN, Honors in Liberal Arts and Sciences
 WILLY TEOFILO KISANJI
 BARBARA MARGARET KRIS
 JAMES GEORGE LIFTON
 GEORGE FRANCIS MALY
 LAURA MAZE, Honors in Liberal Arts and Sciences with Highest Distinction in Mathematics
 WILLARD G. MONTGOMERY
 PATRICIA ANN PARUCKA
 CRAIG EDWARD PLASSMEYER
 KARLA LOUISE REED
 LINDA SUE ROGERS, Honors in Liberal Arts and Sciences with High Distinction in Psychology
 ROBERT OWEN RUDER, Honors in Liberal Arts and Sciences
 ROGER JOHN SABELLA
 RICHARD ARTHUR SAUDARGAS
 JAMES WILLIAM SCHEPPACH
 LESLIE THOMAS SCHWARZ
 JOHN CLAUDE SHAFFER
 SALLY ANN SINCLAIR, Honors in Liberal Arts and Sciences
 STUART VICTOR SOSTRIN
 EDWARD DONALD SUMNER
 MICHAEL ALLAN SWIDLER
 LEE IVAN WEINSTEIN
 ROBERT STEWART WEINSTEIN, Honors in Liberal Arts and Sciences
 RICHARD G. YAGOL, Honors in Liberal Arts and Sciences

In Speech Correction

BRONWEN LORENE CARLSON

PATRICIA ARLENE SPRINGFIELD

In the Teaching of the Biological Sciences and General Science

REBECCA ANN ALLEN, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

In the Teaching of Mathematics

JOAN ROBERTA BUCHANAN
 SUSAN STELLA MATECKI

JANET HURST SPOONAMORE, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

COLLEGE OF LAW**Degree of Bachelor of Laws**

WILLIAM ROBERT GASTON

PAUL AIVARS REICHS

Degree of Juris Doctor

JAMES IRELAND BLISS, B.S., 1966
ROBERT ALLEN CANNER, A.B., Wayne
State University, 1964

ALAN SESSEL DOCKTERMAN, B.S., 1964
ROGER ANDREW GERTH, A.B., Michigan
State University, 1959

HENRY CLAY IDE, A.B., Tufts Univer-
sity, 1960

EVERETT DAN KIMMEL, B.S., 1959

JAMES EUGENE ROSE, JR., B.S., 1964
KENNETH ALAN RUUD, A.B., Parsons
College, 1964

WILLIAM CRAVENS SHAFPER, A.B., 1958
MILTON SHERMAN, A.B., 1962; B.S., Co-
lumbia University, 1963; Honors

JAY HOWARD TRESSLER, A.B., DePauw
University, 1964

COLLEGE OF EDUCATION**Degree of Bachelor of Science***In the Education of the Deaf*

REBECCA PATERNOSTER DEBATIN, High
Honors

In Elementary Education

PATTI LYNN BELL
JANICE MARIAN BILLINGS
SUSAN FRIES FALKMAN
LEE KUEHN GOLEASH
JUNEALDA FREY JACKSON

SHEILA MARGARET PORN
HELEN VINSON REEDER, High Honors
HOLLIS SUE SALKIN
VIVIAN FRANCES STEWART
ETHEL MARIE WILLIAMS

In Secondary Education

RICHARD ALAN BRICKWELL
GLENN EDWARD KEEVER

CHAVA PERLBERG

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Accountancy*

PAULA HELEN BRATT
JAMES MARSHALL GEIGEL
CHRISTY RAY HAYNES
JAMES ARTHUR HENDERSON
ALAN NEIL KAPP, Honors
MARTIN STUART KOREY
ARTHUR LEWIS MANN
PETER HERBERT MARSH
DAVID EDWARD MATES
CARLOTTA SCHRIBER McELROY

JANET FOSLER McFADDEN
GARY JON OYER
PAUL MARK PEARSON
BRUCE DILLINGER ROBERTSON
DAVID ARTHUR ROLLER
TOM CARL RUNGE
DANIEL TOBIAS SHERE
RAYMOND FRANCIS SLATTERY
ROBERT JOSEPH STARZYK
JOSEPH WAGNER

In Commercial Teaching

JUDITH KERCHNER POTTER

In Economics

ALAN GLENN BLACKWOOD
CAROLYN GRACE BURRELL
DAVID BENJAMIN CARLSON, High
Honors

JOHN HAROLD FARTHING
GARY HOWARD FIELD
PHILLIP WILFRED PELOQUIN, JR.
ROBERT LESLIE TIGGEMANN, Honors

In Finance

DENNIS CLAIR HENSLEY
ANDREW WILLIAM KOEHLER

JACK HENRY LEMEIN

In Industrial Administration

WAI-LAM LO

In Management

JERRY WILLIAM HACKER

EDWARD RAYMOND MELCHIN

*In Marketing*MICHAEL CRAIG BRAUN
WILLIAM EDWARD D'ALLAIRD
CHARLES STEPHEN DAVIS
GEORGE TRENT MARQUISLARRY PAUL ROSS
JEFFREY MICHAEL SHANIN
JOHN ARTHUR ULLRICK
MICHAEL DEAN WILSON**COLLEGE OF JOURNALISM AND COMMUNICATIONS****Degree of Bachelor of Science***In Communications*ROBERT JAY BELINOFF
COLEMAN MATTHEW CHANDLER
ANDREW EDWARD CHVOJKASTANLEY NICHOLAS PAYNE
PAUL HENRY STEVENS
LARRY HUGH TAYLOR**COLLEGE OF FINE AND APPLIED ARTS****Degree of Bachelor of Architecture**RICHARD EUGENE LILLARD, JR.
MICHAEL LESTER LUX
ALAN WARD PALMERRICHARD HAROLD QUAIL
JAMES JOSEPH WOZNAK
JAMES GREGORY YOUNG**Degree of Bachelor of Fine Arts***In Art Education*MARY MARGARET BURKE, Honors
JO ANN GROTH
ANNE ROGERS MCKINNEY
SUSAN LORRAINE McMAINSKAREN MARIE PROSIN
SHARON LYNN THODE, High Honors
MARSHA ANNE WALKER, Honors*In Crafts*

GLENDA MAY ANDERSON

*In Graphic Design*JOYCE MARIE GRUSZESKY
ANTON MAJERI, JR.
NANCY FRANCES NINKEJAMES EMAN RINGQUIST
DIANE ELIZABETH SCHMIDT*In Industrial Design*

JOHN DENNIS HUTTON

In Painting

HAROLD ELMER FEIST, Honors

VERA RIGOTTI KRAUSS, High Honors

Degree of Bachelor of MusicMARGARET ANN MEHARRY BOWERS,
Honors
MARK EDWARD JOHNSONMETA CAIN PETRARCA
ALBERTO PEDRO RAFOLS
MICHAEL BARTLETT RUSSELL**Degree of Bachelor of Science***In Medical Art*IRENE MARCHERTAS
NANCY MORRIS

CHARLES STEVEN WELLEK, Honors

In Music Education

DIANNE ELAINE FISHER

COLLEGE OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Physical Education*

CLIFFORD L. ADAMO
 ROBERT WALTER BRACH
 THOMAS RICHARD HABLEY
 JAMES HOWARD HOFFMAN

PAULA WOLF KISTLER
 ROBERTA LYNNE PORT
 WILLIAM PAUL ZILLMAN

In Recreation

SANDRA HINDIN GREENBERG
 GEORGE PATRICK HUGHES
 MARLENA JOYCE KAMSTOCK
 JOANNE JOY RINGENBERG

JAMES THOMAS STOTZ
 RICHARD ALAN STOTZ
 LANCE HENRY WUELLNER

COLLEGE OF VETERINARY MEDICINE**Degree of Bachelor of Science***In Veterinary Medicine*

DENNIS MICHAEL WEBSTER

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; declinations and resignations; leaves of absence. A copy of the report is filed with the Secretary.

CHANGE IN SABBATICAL LEAVE OF ABSENCE

GOVINDJEE, Associate Professor of Botany and Biophysics, Urbana — sabbatical leave granted him for the academic year 1967-68 with one-half pay, changed to sabbatical leave for the second semester with full pay.

REPORT OF THE FINANCE COMMITTEE**Treasurer's Bond**

Mr. Grimes, for the Finance Committee, reported that it has received from Robert R. Manchester, Treasurer of the University, a bond dated March 14, 1967, in the amount of \$6,000,000, with the Continental Casualty Company as surety.

The bond has been approved by the Legal Counsel and by the Business Office. The Finance Committee has accepted the bond and reports its receipt for record.

This report was received for record.

FUTURE MEETINGS OF THE BOARD

President Johnston announced that the next three meetings of the Board will be held as scheduled: October 16, 1967, Medical Center campus; November 10, 1967, Urbana-Champaign campus; December 20, 1967, Urbana-Champaign campus.

REGULAR MEETING RECESSED

President Johnston stated that the regular meeting of the Board would be recessed and that a meeting of the Committee on Buildings and Grounds had been called. He further stated that an executive session had been requested and was being ordered following the committee meeting for consideration of recommendations relating to patentable inventions, pending litigation, and property acquisitions.

Following the meeting of the Buildings and Grounds Committee and during the luncheon recess the following new deans of the Chicago Circle campus were introduced: Dean D. B. Doner, College of Liberal Arts and Sciences; Director W. L. Garrison, Center for Urban Studies; and Dean Daniel C. McCluney, Dean of Faculties.

EXECUTIVE SESSION

When the Board reconvened, the same members of the Board, officers of the Board, and officers of the University as recorded at the beginning of these minutes were present, except Mr. Page who asked to be excused.

The Board considered the following reports and recommendations from the President of the University.

LAND ACQUISITION PROGRAM FOR 1967-69, URBANA

(29) The University of Illinois Foundation has purchased properties at Urbana-Champaign on behalf of the University under its loan commitment from The First National Bank of Chicago for 1965-67 in the amount of \$3,554,535.

It is estimated that during the coming biennium it will be desirable for the University or the Foundation to acquire additional property in order to provide for campus expansion in the amount of \$1,189,000, making a total land acquisition program of \$4,743,535.

The General Assembly appropriated funds for the acquisition of land in Urbana-Champaign in the amount of \$1,831,850. This requires financing of \$2,911,685.

The First National Bank of Chicago has agreed that if the University, under the terms of the land option contracts with the Foundation, will acquire sufficient properties so that the Foundation can reduce its present indebtedness to the Bank to \$2,500,000, or below, it will be willing to extend the maturity of the line of credit to the University of Illinois Foundation loan in an amount not to exceed \$2,500,000 until the end of the biennium 1967-69. The University can provide out of its Contract Research Reserve the sum of \$411,685 to purchase land to be used for research activities, so that, with the extension of the loan from The First National Bank of Chicago and the balance of the appropriation, the above land acquisition program for 1967-69 can be financed.

The Director of the Physical Plant and the Vice-President and Comptroller recommend approval of this program and the purchase of the following properties from the University of Illinois Foundation at the prices indicated, plus miscellaneous costs incurred in the acquisition of the properties:

511 East John Street.....	\$128 158 00
502 East Daniel Street.....	30 500 00
504 East Daniel Street.....	50 000 00
806 South Fifth Street.....	75 000 00
1012 South Fifth Street.....	60 000 00
1001 South Sixth Street.....	41 000 00
1301 West Stoughton Street.....	32 500 00
1202 West Oregon Street.....	45 000 00
903 West Illinois Street.....	45 000 00
905 West Illinois Street.....	41 000 00
904 West California Avenue.....	30 500 00
906-908 West California Avenue.....	70 000 00
<i>Total</i>	<u>\$648 658 00</u>

Funds are available in the state capital appropriation and have been released. Other purchase recommendations will be brought to the Board of Trustees for action.

The Chancellor at the Urbana-Champaign campus and the Executive Vice-President and Provost endorse these recommendations.

I concur.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(30) The University Patent Committee, with the concurrence of the Chairman of the University Research Board, submits the following reports and recommendations relating to patentable inventions by members of the staff.

1. High temperature electric cell for solid fuels—Shao L. Soo, Professor of Mechanical Engineering, and Gerald M. Colver, Assistant in Mechanical Engineering, inventors. This high temperature electric cell for solid fuels produces electricity from a solid fuel (such as graphite, coal, etc.) and an oxidizer (such as oxygen). The electrodes consist of an anode formed by fuel fed into the reaction zone and a cathode formed by a porous metal rod feeding oxygen. After ignition, combustion raises the gap ($\frac{1}{2}$ to 1 mm.) to high temperature and electricity is generated.

This disclosure covers the basic ideas for a solid fuel cell such as for coal. Claim should include multiple electrodes and extended surface electrodes and a feed means for fuel.

The Committee recommends assignment of the rights of the University to the inventors.

2. Gamma-electric cell—Henry T. Sampson, Graduate Student in Nuclear Engineering, inventor. The gamma-electric cell is a device that produces electrical energy when placed in a gamma radiation field. The output current from the cell is proportional to the intensity of the radiation field. Therefore a calibrated cell can be used to measure the intensity of an unknown field. The gamma-electric cell can also be used as a high voltage source when attached to a high impedance load.

The Committee recommends assignment of the rights of the University to the inventor.

3. Teledometer for the remote measurement of human locomotor activity—R. E. Herron and R. W. Ramsden of the Motor Performance Laboratory, Children's Research Center, inventors; developed under the sponsorship of the State of Illinois Department of Mental Health. This device consists of a short-range, inexpensive, transmitter-transducer designed for installation in the heel of a shoe. It was intended as a means of monitoring foot contact with the ground in order to provide information about "natural" patterns of daily physical activity in children. An important aim was to eliminate possible artifacts due to the subject's awareness that he is under study. The instrument seems to have acceptable stability and reliability and it may be installed and remain in the heel of a shoe, unknown to the wearer, for a matter of days.

The Committee recommends assignment of the rights of the University to the inventors.

4. Feed system for paraboloidal antennas—John H. Bruning, Research Assistant in Electrical Engineering, inventor; developed under a contract with the Andrew Corporation. It has been demonstrated mathematically and experimentally that for a uniform illumination design, the gain loss incurred by using the best fit paraboloid in place of the specially shaped main reflector gives a significant net increase in gain over the more conventional conic dual reflector system. For the case of the high performance or low sidelobe type aperture distributions (tapered or Taylor distribution), it has been demonstrated mathematically that the best fit paraboloid fits the specially shaped surface to within an even higher degree of accuracy.

The Committee recommends assignment of the rights of the University to the Andrew Corporation.

5. Edible food coatings—A. I. Nelson, Professor of Food Science, and Dov Hartal, Research Assistant in Food Science, inventors; developed under the sponsorship of the State of Illinois Department of Agriculture. The initial work on this project was directed toward development of an edible corn carbohydrate coating for meat and other food products. Representative products of the various starches, dextrans, corn sirups and corn sugar were evaluated alone and in combination as food coatings. The major, and unsurmountable, problem was the difficulty encountered in fixing and firming these coatings. No single starch or combinations of carbohydrates were suitable because a long time was required for the coatings to set or dry. This problem was solved by the addition of sodium alginate to the carbohydrate coating. After being dipped in the coating material, the food

product was immersed in a calcium chloride solution which caused an almost instantaneous exchange of the calcium with the sodium in the alginate. The resulting coating was firm and the coated product could be handled immediately.

The Committee recommends that the rights of the University be assigned to the University of Illinois Foundation for further development and possible patent application.

6. Ferromagnetic shielding enhancer — David Cohen, Associate Professor of Physics at Chicago Circle, inventor. It has been known that the application of an oscillating magnetic field inside ferromagnetic material increases the permeability, and can, under certain conditions of periodicity and intensity, raise the permeability to the "ideal magnetization curve." This present invention is applying this principle to magnetic shielding in the following way: a toroid, say, is wrapped around a cylindrical, uncapped shield, and a.c. passed through the toroid; the shielding efficiency of the cylinder is then increased because the effective permeability is greater, for mag. frequencies less than the exciting a.c. frequency.

The Committee recommends assignment of the rights of the University to the University of Illinois Foundation for further study, development, and possible patent application.

7. Water-soluble Dichloro-s-triazinyl agents for the therapy of burns and other conditions of the skin and corium — Philip P. Goland, Research Associate in Orthodontics at the Medical Center, and Floyd J. Green, of the Department of Orthodontics at the Medical Center, inventors; developed under a contract with the Institutum Divi Thomae. Experiments show reactive dichloro-s-triazinyl cross-linking agents can readily establish polymeric products with the superficial layers of the skin and corium where these are pathologically involved or denuded as in burns. These reactive agents become an integral part of the structure of the tissue molecules and help to stabilize these structures, preventing further disintegration and necrosis. It was found that the homeostatic mechanisms are aided by the establishment of these cross-linked polymeric products preventing the loss of capillary fluids. In addition, these agents have bacteriocidal and bacteriostatic properties and are thus of aid in prevention or ameliorating established infection.

The Committee recommends assignment of the rights of the University to the University of Illinois Foundation, subject to the rights of the Institutum Divi Thomae and with the negotiation of equitable contracts recognizing such rights.

8. Optically excited thin platelet lasers — Nick Holonyak, Jr., Professor of Electrical Engineering, and Murray D. Sirkis, Professor of Electrical Engineering, inventors; developed under a contract with the United States Air Force and the Advanced Research Projects Agency. By optical excitation (optical pumping) thin semiconductor platelets are made to operate as lasers either by photon amplification along the surface of a platelet or by photon amplifications through the thickness dimension of the platelet. The latter is potentially more important since it leads to an ultra small volume laser with potential application to holography.

The Committee recommends assignment to the University of Illinois Foundation of the rights of the University, subject to recognition of the rights of the sponsoring agencies.

9. Flexible surface disc for multi-transducer computer controlled audio record and playback devices — Brian W. Voth, Research Engineer at Coordinated Science Laboratory, inventor; developed under a contract with the United States Army Electronics Command and the Advanced Research Projects Agency through the Office of Naval Research. This device consists of a disc of novel design which has a flexible, air supported surface. It is to be used primarily in multi-head, contact type magnetic audio records and playback devices. The unique feature of the disc is its flexible, air supported surface which permits the use of stiffly suspended, contact type transducer heads by virtue of its ability to accommodate small irregularities in head-to-disc spacing arising from variations in disc flatness, flexible surface flatness, or alignment of heads.

The Committee recommends assignment to the University of Illinois Foundation of the rights of the University, subject to recognition of the rights of the sponsoring agencies.

10. Log periodic dipole, folded dipole, monopole, and slot arrays fed by a pair of coupled transmission lines which form a log-periodic scaled directional coupler — Paul G. Ingerson, Research Assistant in the Department of Electrical Engineering, inventor; developed under a contract with the United States Air

Force Avionics Laboratory. The general purpose of the proposed design is to overcome several limitations of the conventional log-periodic dipole array design by using a feeding system of two coupled transmission lines instead of a single line, so that in place of dipole radiating elements, folded dipole elements, with their inherent broadband performance, slots, and other types of radiators can be used. The construction of a compact monopole and folded-monopole over ground plane array is possible as well as a log-periodic slotted ground plane array. Finally by using two lines of different characteristics impedances to form the coupler, a wider range of mean input impedances may be achieved.

The Committee recommends that the rights of the University be assigned to the University of Illinois Foundation, subject to the rights of the sponsoring agency, for further development and possible patent application.

11. Stochastic switch—Dennis R. Zander, Research Assistant in Electrical Engineering, and W. Ross Ashby, Professor of Electrical Engineering and of Biophysics, inventors; developed under contract with the United States Air Force Systems Engineering Group. The stochastic switch is designed to provide a random connection between electrodes with specifiable and controllable probability; for instance a 23-per cent probability of connection between electrodes at each activation.

The Committee recommends assignment of the rights of the University to the University of Illinois Foundation, subject to the rights of the sponsoring agency, for further development and possible patent application.

12. Method of treatment of deep-seated caries and dental pulp—Philip P. Goland, Research Associate in Orthodontics at the Medical Center, Eugenio Zerlotti, of the Department of Orthodontics at the Medical Center, and Ayrton Orlando de Toledo, of the Department of Orthodontics at the Medical Center, inventors; developed under contract with the United States Public Health Service. This pertains to the use of halo-s-triazinyl compounds as cross-linking and calmativ agents for the topical treatment of the tooth. More particularly, they have applicability for focal (1) desensitization of cementum, and dentin; (2) the treatment of dentin in deep caries; (3) the treatment of inflamed pulps. In addition to their cross-linking and calmativ action on the pulp, the compounds of the present invention have been found to induce and stimulate reparative processes in the pulp. Their bacteriocytic properties contribute to the sterilization of infected tissues.

The Committee recommends assignment of the rights of the University to the University of Illinois Foundation, subject to the rights of the sponsoring agency.

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

EMPLOYMENT OF SPECIAL COUNSEL

(31) A suit has been filed in the Circuit Court of Cook County (67 L 13177) by Howard S. Chapman (one of the passengers in a University plane which crashed November 28, 1966) against the University, its eleven Trustees, the Secretary of the Board and of the University, and Robert L. Ayers, the pilot of the University aircraft. The complaint seeks damages for personal injuries alleged to have been caused, in part, by the negligence of the defendants. The complaint further alleges that certain portions of the Illinois Court of Claims statute are invalid and unconstitutional. Each of the University employees named as a defendant is alleged to have been performing his University duties on the occasions referred to in the complaint, and each has requested the University to provide representation for him in the matter.

The Legal Counsel recommends that he be authorized to take such steps as are necessary or appropriate, including the employment of special counsel, to defend the University and its employees in the proceedings.

I concur.

On motion of Mr. Swain, this recommendation was approved.

On motion of Mr. Grimes, the Board adjourned.

EARL W. PORTER
Secretary

WAYNE A. JOHNSTON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

October 16, 1967



The October meeting of The Board of Trustees of the University of Illinois was held at the Medical Center Campus, Chicago, Illinois, on Monday, October 16, 1967, beginning at 8:30 a.m.

President Wayne A. Johnston called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Timothy W. Swain. Mr. Theodore A. Jones was not present when the Board convened but joined the meeting later. Governor Otto Kerner, Mr. Ray Page, Mr. Harold Pogue, and Dr. James A. Weatherly were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor Jack W. Peltason, University of Illinois at Urbana-Champaign; Vice-President Eldon Johnson; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. James J. Costello, Legal Counsel; Dr. Daniel C. McCluney, Dean of Faculties, Chicago Circle; Dr. James B. Holderman, Associate Chancellor, Chicago Circle; Mr. George H. Bargh, Executive Assistant to the President; Mr. Vernon L. Kretschmer, University Associate Director of the Physical Plant; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant, Urbana; Mr. Eugene S. Pitcher, Assistant to the Director of the Physical Plant, Urbana; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Dr. Earl W. Porter, Secretary.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting; a copy was filed with the Secretary of the Board for record.

**PROPOSALS TO THE BOARD OF HIGHER EDUCATION WITH
REFERENCE TO POSSIBLE RELATIONSHIPS OF THE UNIVERSITY
OF ILLINOIS IN THE PLANNING AND GOVERNANCE OF A
NEW CAMPUS IN THE CHICAGO METROPOLITAN AREA**

(1) On September 20, 1967, the Board of Trustees directed the administrative officers of the University to present to the Board at its meeting of October 16, 1967, a "report on University studies of possible programs and general locations for a new degree-granting campus in the Chicago Metropolitan Area."

The report requested is submitted herewith, and is being filed with the Secretary of the Board for record. The technical sections have been prepared under the direction of the Executive Vice-President and Provost. The proposals presented under "Conclusions" on pages 14-19 have been formulated in consultation with the President of the University.

I recommend that the proposals as noted above be approved in principle as the policy position of the Board of Trustees.

I further recommend that the President of the University and the Provost be authorized to present the position of the Board of Trustees in this matter to the Board of Higher Education and its Special Committee on New Senior Colleges.

On motion of Mr. Swain, these recommendations were approved unanimously.

**PROPOSAL FOR THE ESTABLISHMENT BY THE UNIVERSITY OF
ILLINOIS OF A NEW INSTITUTION OF HIGHER EDUCATION
IN SPRINGFIELD**

(2) A proposal for the establishment of a new institution of higher education in Springfield by the University of Illinois was presented in accord with the instructions of the Board at its September 20, 1967, meeting. A copy of the proposal is being filed with the Secretary of the Board for record.

Mr. Hahn moved acceptance and approval of the statement.

**PROPOSALS RELATING TO POTENTIAL EXPANSION OF UNIVERSITY
OF ILLINOIS ACTIVITIES IN THE HEALTH SCIENCES
AND HEALTH PROFESSIONS**

(3) At the September 20, 1967, meeting of the Board of Trustees, the administrative officers were further instructed to submit to the Trustees, at the October 16 meeting, "a long-term comprehensive plan for the expansion of the University's activities in the health sciences and professions. . . ."

The background of state-wide planning that led to the action of September 20 is as follows:

The Illinois Board of Higher Education is now conducting a "Study of Education in the Health Fields" for the purpose of assessing the State's needs in this area and developing long-range plans for meeting them. Along with other institutions of higher education in Illinois, the University of Illinois has been asked by the Board's study director to indicate the nature and extent of the expansion it proposes to undertake in the health professions and related fields in the foreseeable future.

In response, on January 12, 1967, a report was prepared and submitted to the study director, in which the University outlined the scope of its current programs in the health sciences and professions and described plans then under discussion. It was not possible at that time to submit definitive

estimates of the extent of expansion that might be undertaken, particularly in the field of medicine.

Subsequently, the President of the University has established the University Council on the Health Sciences and Professions and appointed the Executive Vice-President and Provost to serve as its chairman. The Council's mission is to "advise the President on a continuing basis concerning the effectiveness of the University's activities and programs in the health sciences and in professional education related to them; to encourage University-wide communications and cooperation among the faculties involved; and to recommend improvements in organization and in programs."

A first task of the Council has been to consider University relationships to the Board of Higher Education's "Study of Education in the Health Fields." The proposals presented in the attached document, a copy of which is being filed with the Secretary of the Board for record, have been developed with the consultation and approval of the University Council on the Health Sciences and Professions and have been submitted to the President by its chairman, the Executive Vice-President and Provost.¹

The President now submits the proposals to the Board of Trustees, with the request that they be approved in principle at this time. The proposals will be used as the basis for internal review and planning, which will lead to specific requests for capital and operating funds—first in the 1969-71 biennial budget and in later biennial periods.

On motion of Mr. Swain, the proposals were approved in principle as requested.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(4) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Illinois Accountancy Act of 1943, as amended, 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>
THOMAS JOSEPH BRADY	Chicago, Illinois	New York
EDWARD LAWRENCE LYSAUGHT	Chicago, Illinois	Indiana

I concur.

On motion of Mr. Swain, these certificates were awarded.

EXTENSION COUNCIL ADVISORY COMMITTEE

(5) The Governor of the State of Illinois recently signed into law Senate Bill 925 which provides for an Extension Council Advisory Committee to work with the Director of the Cooperative Extension Service in the College of Agriculture, Urbana, in developing proposals for the administration of funds. The President

¹The other members of the Council are as follows: Daniel Alpert, Dean, Graduate College; Joseph S. Begando, Chancellor, Medical Center Campus; Granville A. Bennett, Dean, College of Medicine, Medical Center Campus; Carl A. Brandly, Dean, College of Veterinary Medicine, Urbana-Champaign Campus; Herbert E. Carter, Vice-Chancellor, Urbana-Champaign Campus; Donald J. Caseley, Medical Director, Research and Educational Hospitals, Medical Center Campus; John O. Corliss, Head, Department of Biological Sciences, Chicago Circle Campus; William L. Garrison, Director, Center for Urban Studies, Chicago Circle Campus; Mark P. Hale, Director, Jane Addams Graduate School of Social Work; William P. Hurder, Associate Director, Institute for Research on Exceptional Children, Urbana-Champaign Campus; Robert E. Johnson, Professor of Physiology, Urbana-Champaign Campus; Reino E. Kallio, Director, School of Life Sciences, Urbana-Champaign Campus; Robert H. Kokernot, Assistant Director, Center for Zoonoses Research, Urbana-Champaign Campus; Mark H. Lepper, Professor of Preventive Medicine and Community Health, Medical Center Campus; Mary K. Mullane, Dean, College of Nursing, Medical Center Campus; Norman A. Parker, Chancellor, Chicago Circle Campus; Jack W. Peltason, Chancellor, Urbana-Champaign Campus; Donald R. Peterson, Professor of Psychology (Psychological Clinic), Urbana-Champaign Campus; M. B. Russell, Director, Agricultural Experiment Station, Urbana-Champaign Campus; Gregorio Weber, Professor of Biochemistry, Urbana-Champaign Campus; George L. Webster, Dean, College of Pharmacy, Medical Center Campus; Seymour H. Yale, Dean, College of Dentistry, Medical Center Campus.

of the University reports for record the following appointments to this Committee for two-year terms and until their respective successors are elected and appointed:

HERMAN A. LINDHOLM, Chairman
University of Illinois Cooperative Extension Service Advisory Committee
Rural Route 1
Naperville

E. E. GOLDEN, President
Illinois State Association of Farm Advisers
315 North Sixth Street
DeKalb

MRS. ELIZABETH B. HOFFMAN, President
Illinois Home Advisers Association
509-A West Mill Street
Waterloo

PAUL IVES
Wapella

On motion of Mr. Hughes, this report was received for record.

NONSALARIED FACULTY OF THE COLLEGE OF MEDICINE, 1967-68

(6) Upon recommendations of the Dean of the College of Medicine and the Chancellor at the Medical Center, and with the concurrence of the Executive Vice-President and Provost, I have approved appointments and reappointments to the nonsalaried faculty of the College of Medicine for the academic year beginning September 1, 1967. The list of these appointments is being filed with the Secretary of the Board for record, and his office will issue the usual notices to the appointees.

Following is a comparative summary of the number of appointments in each department for the years 1966-67 and 1967-68.

<i>Department</i>	Summary	
	<i>1966-67</i>	<i>1967-68</i>
Anatomy.....	6 (1) ¹	5 (1)
Biological Chemistry.....	19	18
Dermatology.....	29 (4)	32 (5)
Medical Social Work.....	5	7
Medicine.....	316 (31)	334 (29)
Microbiology.....	11 (1)	12 (1)
Neurology and Neurological Surgery.....	22 (1)	22 (1)
Obstetrics and Gynecology.....	104 (4)	104 (5)
Occupational Therapy.....	3	3
Ophthalmology.....	61 (4)	59 (5)
Orthopaedic Surgery.....	28 (3)	26 (3)
Otolaryngology.....	66 (9)	66 (13)
Pathology.....	47 (3)	50 (3)
Pediatrics.....	94 (6)	96 (8)
Pharmacology.....	4	4
Physical Medicine and Rehabilitation.....	6	8
Physiology.....	3 (2)	4 (2)
Preventive Medicine and Community Health.....	24 (1)	21 (2)
Psychiatry.....	152 (4)	145 (3)
Radiology.....	35 (1)	42 (1)
Surgery (including Urology and Anesthesiology).....	245 (19)	225 (17)
	1 280 (94)	1 283 (102)

On motion of Mr. Hughes, these appointments were confirmed.

APPOINTMENTS TO THE FACULTY

(7) 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 The figures in parentheses indicate the number of emeritus members.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; P— indefinite term appointment for part-time service only; B— two years; D— one year; E— nine months from the beginning of the academic year; G— special tenure; Q— initial term appointment for Professor or Associate Professor; Y— twelve months' service required instead of two semesters; 1-7— indicates the number of years of service which will be credited at the end of the contract period toward completion of the probationary period relating to tenure.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

Chicago Circle

1. DAN CENSOR, Assistant Professor of Electrical Engineering, Department of Information Engineering, beginning September 1, 1967 (1), at an annual salary of \$9,500.
2. MATTHEW HENRY ELLSWORTH, Assistant Professor of Physical Education for Men, beginning September 1, 1967 (3), at an annual salary of \$8,500.
3. HELENE N. GUTTMAN, Associate Professor of Biological Sciences, beginning September 1, 1967 (A), at an annual salary of \$14,000.
4. MARY JANE LUETGERT, Assistant Professor of Psychology and Counselor, Student Counseling Service, beginning September 1, 1967 (1Y;D), at an annual salary of \$10,800.
5. FAUSTINE C. JONES, Assistant Professor of Education, beginning September 1, 1967 (2), at an annual salary of \$11,000.
6. MACIEJ J. MACZYNSKI, Visiting Assistant Professor of Mathematics, for the academic year 1967-1968 (E), at a salary of \$10,000.
7. MARION S. MILLER, Visiting Assistant Professor of History, for the academic year 1967-68 (E), at a salary of \$10,000.
8. VALERIE K. OPPENHEIMER, Assistant Professor of Sociology, beginning September 1, 1967 (1), at an annual salary of \$9,600.
9. MAX SAVELLE, Visiting Professor of History, on one-half time, for the fall quarter 1967-68 (E50), at a salary of \$3,500.
10. CLIFFORD E. TIEDEMANN, Assistant Professor of Geography, beginning September 1, 1967 (3), at an annual salary of \$10,800.
11. ELDON ULLMER, Head of Audiovisual Division with rank of Assistant Professor, Office of Instructional Resources, beginning September 1, 1967 (1Y), at an annual salary of \$12,600.
12. CALVIN WOLF, Assistant Professor of Energy Engineering, beginning September 1, 1967 (3), at an annual salary of \$10,500.

Medical Center

13. ANGEL S. ARAMBULO, Associate Professor and Director of Manufacturing Pharmacy, College of Pharmacy, beginning September 1, 1967 (DY;AY), at an annual salary of \$15,000.
14. HARRY BROWN, Assistant Professor of Obstetrics and Gynecology, College of Medicine, beginning September 1, 1967 (1Y), at an annual salary of \$15,000.
15. ARTHUR L. ROSEN, Assistant Professor of Biophysics, Department of Surgery, College of Medicine, beginning September 1, 1967 (1Y), at an annual salary of \$14,000.

Urbana-Champaign

16. THOMAS S. BALDWIN, Associate Professor of Vocational and Technical Education, beginning September 1, 1967 (Q), at an annual salary of \$16,000.
17. HELMUT BENDER, Visiting Assistant Professor of Mathematics, for the academic year 1967-68 (E), at a salary of \$9,500.
18. ALAN W. BLACKSHAW, Visiting Assistant Professor of Physiology, Department of Dairy Science, beginning September 1, 1967 (DY), at an annual salary of \$10,000.
19. N. L. BLUMSON, Visiting Assistant Professor in the Department of Dairy Science, beginning September 1, 1967 (DY), at an annual salary of \$9,500.
20. GAVIN BROWN, Visiting Assistant Professor of Mathematics, for the academic year 1967-68 (E), at a salary of \$9,000.
21. JOHN CAGE, Visiting Professor of Music and Associate in the Center for Ad-

- vanced Study, for the academic year 1967-68 (E), at an annual salary of \$14,000.
22. ALAN R. CAMINA, Visiting Assistant Professor of Mathematics, for the academic year 1967-68 (E), at a salary of \$9,000.
 23. JOANNA DAVENPORT, Associate Professor of Physical Education for Women, on 80 per cent time, and Counselor, Council on Teacher Education, on 20 per cent time, beginning September 1, 1967 (A80; D20), at an annual salary of \$10,000.
 24. JAMES H. DAVIS, Visiting Associate Professor of Psychology, for the academic year 1967-68 (E), at a salary of \$14,000.
 25. WALTER FEINBERG, Assistant Professor of Philosophy of Education, Department of History and Philosophy of Education, beginning September 1, 1967 (3), at an annual salary of \$11,200.
 26. GORDON FULLERTON, Visiting Assistant Professor of Mathematics, for the academic year 1967-68 (E), at a salary of \$10,000.
 27. STEGFRIED HOLZER, Assistant Professor of Civil Engineering, beginning September 1, 1967 (1), at an annual salary of \$9,000.
 28. JOHN A. HOPKIN, Professor of Agricultural Finance, Department of Agricultural Economics, beginning September 1, 1967 (AY), at an annual salary of \$22,500.
 29. IVAR JOHANSSON, Visiting Professor of Genetics, Department of Dairy Science, on 67 per cent time, beginning September 1, 1967 (DY67), at an annual salary of \$12,000.
 30. CHRISTIAN W. KROENER, Visiting Assistant Professor of Mathematics, for the academic year 1967-68 (E), at a salary of \$9,000.
 31. OLAV A. LAUDAL, Visiting Associate Professor of Mathematics, for the second semester 1967-68 (E), at a salary of \$6,500.
 32. HENRY S. LEONARD, Visiting Associate Professor of Mathematics, on one-half time, for the academic year 1967-68 (E50), at a salary of \$6,000.
 33. DANY LEVIATAN, Visiting Assistant Professor of Mathematics, for the academic year 1967-68 (E), at a salary of \$9,000.
 34. THOMAS J. LONG, Assistant Professor of Educational Psychology, beginning September 1, 1967 (1), at an annual salary of \$10,000.
 35. ROY S. MALPASS, Assistant Professor of Psychology, beginning September 1, 1967 (1), at an annual salary of \$9,500.
 36. WILLIAM F. MARQUARDT, Professor of English Education, Department of Secondary and Continuing Education, beginning September 1, 1967 (Q), at an annual salary of \$13,500.
 37. BRUCE A. MORRISSETTE, Visiting Professor of French, on one-half time, for the academic year 1967-68 (E50), at a salary of \$11,000.
 38. C. SCOTT MOSS, Professor of Psychology, beginning September 1, 1967 (AY), at an annual salary of \$20,170.
 39. WALTER OBERSCHELP, Visiting Associate Professor of Mathematics, for the academic year 1967-68 (E), at a salary of \$12,000.
 40. B. L. S. PRAKASA RAO, Visiting Assistant Professor of Mathematics, for the academic year 1967-68 (E), at a salary of \$10,000.
 41. OLIVER R. L. PRETZEL, Visiting Assistant Professor of Mathematics, for the academic year 1967-68 (E), at a salary of \$9,000.
 42. RODMAN D. RHODES, Assistant Professor of English, beginning September 1, 1967 (1), at an annual salary of \$9,500.
 43. LUIS RIBES, Visiting Assistant Professor of Mathematics, for the academic year 1967-68 (E), at a salary of \$9,000.
 44. BEVERLY SCHMIDT, Visiting Associate Professor of Physical Education for Women, for the academic year 1967-68 (D), at a salary of \$10,000.
 45. ROLAND SCHMIDT, Visiting Assistant Professor of Mathematics, for the academic year 1967-68 (E), at a salary of \$9,000.
 46. PAUL E. SCHUPP, Visiting Assistant Professor of Mathematics, for the academic year 1967-68 (E), at a salary of \$9,500.
 47. EVELYN L. SCHURR, Associate Professor of Physical Education for Women, on 80 per cent time, and Counselor, Council on Teacher Education, on 20 per cent time, beginning September 1, 1967 (A80; D20), at an annual salary of \$13,000.

48. WARREN M. STEINMAN, Research Assistant Professor of Special Education, in the Institute for Research on Exceptional Children and in the Children's Research Center, beginning September 1, 1967 (1), at an annual salary of \$10,500.
49. WILLIAM F. STOUT, Assistant Professor of Mathematics, beginning September 1, 1967 (1), at an annual salary of \$9,000.
50. ROBERT S. THOMSON, Assistant Professor of French, beginning September 1, 1967 (1), at an annual salary of \$9,800.
51. KALATHOOR VARADARAJAN, Visiting Associate Professor of Mathematics, for the academic year 1967-68 (E), at a salary of \$11,000.
52. LOUIS LLOYD WALTERS, Visiting Associate Professor of Elementary Education, on one-fourth time, for the academic year 1967-68 (E25), at a salary of \$2,700.
53. ROBERT E. WOLVERTON, Associate Professor of Classics and Associate Dean of the Graduate College, beginning September 1, 1967 (AY27; DY73), at an annual salary of \$17,000.
54. JAMES T. YARDLEY III, Assistant Professor of Chemistry, beginning September 1, 1967 (1), at an annual salary of \$9,500.
55. GIOVANNI GIORGIO ZACHER, Visiting Assistant Professor of Mathematics, for the second semester 1967-68 (E), at the salary of \$4,500.

On motion of Mr. Grimes, these appointments were confirmed.

**AMENDMENT OF THE GENERAL RULES CONCERNING UNIVERSITY
ORGANIZATION AND PROCEDURE: SECTION 8 —
PHYSICAL PLANT DEPARTMENT**

(8) On September 20, 1967, the Board of Trustees approved the following recommendations concerning administrative changes in the Physical Plant Department:

1. That the operation and maintenance services of the Physical Plant and operation and maintenance of Auxiliary Services at each campus be administered by "Campus Directors," who shall report directly to the Chancellor of that campus.
2. That the present title of "Director of Physical Plant Department" be changed to "University Director of Physical Plant Planning and Construction." He shall report directly to the President and will be responsible at all campuses for campus physical plant planning; planning and construction of new buildings and additions to existing buildings; landscape and site development related to these projects; and land acquisition (excluding the Airport, Robert Allerton Park, experimental farms and areas, and properties maintained by the Athletic Association).

It was indicated in the recommendation of September 20 that proposed revisions in *The General Rules Concerning University Organization and Procedure* would be forthcoming. Therefore, I now recommend that the following language be substituted for Section 8 in the *General Rules*:

University Director of Physical Plant Planning and Construction

The University Director of Physical Plant Planning and Construction shall be appointed biennially by the Board of Trustees on the nomination of the President. He shall be administratively responsible to the President of the University. He shall be responsible at all campuses (but excluding the Airport, Robert Allerton Park, experimental farms and areas, and properties maintained by the Athletic Association) for campus physical plant planning; construction of new buildings and additions to existing buildings; landscape and site development related to these projects; and land acquisition. He shall establish and evaluate, in consultation with the Chancellors and Campus Directors, appropriate standards of service, operation and maintenance.

Campus Directors

Upon recommendation of the Chancellor at each campus and on the nomination of the President, the Board of Trustees may appoint biennially directors at each campus who shall be responsible for: (a) operation and maintenance of Physical Plant services, alterations to existing buildings, and for security of

property; and (b) for operation and maintenance of Auxiliary Services (housing, food service facilities, Union facilities, etc.).

On motion of Mr. Swain, this recommendation was approved.

GRADUATE STUDENT FEE FOR LANGUAGE EXAMINATIONS

(9) The Dean of the Graduate College reports that its Executive Committee has given final approval to a plan to discontinue the traditional reading examinations given by the language departments in French and in German, and to substitute for them the language examinations developed by the Educational Testing Service.

Heretofore, the cost of administering and grading the language examinations has been met through funds provided in the regular budgets of the language departments. The Educational Testing Service charges a fee of \$6.00 for each test, and it is proposed that funds be placed in the budget of the Graduate College to meet this charge for the *first* test taken by a given student. It is proposed further that if a student fails the examination and must make a second attempt, he be charged a fee of \$6.50 to cover the cost of the test plus administrative expense.

The University Committee on Fees endorses the request that the Graduate College be authorized to assess this fee of \$6.50 beginning February 1, 1968.

I concur.

On motion of Mr. Grimes, authority was given as requested.

ESTABLISHMENT OF NATIONAL COORDINATION CENTER FOR THE NATIONAL LABORATORY IN EARLY CHILDHOOD EDUCATION, URBANA

(10) The United States Office of Education, Department of Health, Education, and Welfare, has been providing the University with funds to conduct exploratory studies leading to the establishment of a National Coordination Center for the National Laboratory in Early Childhood Education.

The purpose of the National Coordination Center is to provide leadership in the improvement of research and development activities in early childhood education. The Center will coordinate efforts of participating centers located in other universities which are supported by the federal government, and facilitate communications with the entire field through an Educational Research Information Center in Early Childhood Education.

The Office of Education is currently considering funding of the project for an additional year at an amount not to exceed \$1,700,000. Of this amount, approximately \$300,000 would be used by the University of Illinois to pay operating expenses of the Coordination Center; the remaining portion would be distributed under subcontracts among the research and development centers located in six other colleges and universities. University funds involved in the program would be limited to a small portion of several staff members' time, estimated at approximately \$30,000.

The National Center would be administered by the College of Education at the Urbana-Champaign campus. The proposal has the approval of the Chancellor and of the Executive Vice-President and Provost. The President recommends the establishment of the National Coordination Center for Childhood Development, subject to approval of the State Board of Higher Education, and the authorization of H. O. Farber, Comptroller, to execute the necessary contracts with the United States Office of Education to implement the program.

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

NAMING OF MALL, GIFT OF THE CLASS OF 1917, URBANA

(11) The Committee on Buildings and Grounds on September 20, 1967, approved a recommendation of the President of the University that the redeveloped area extending from the Main Quadrangle to Mathews Avenue between Noyes Laboratory and the Chemistry Annex Building, Urbana, be named "Centennial Court" — in accordance with a request of the Class of 1917. The project, the first phase of development of an east-west mall from the Quadrangle to the Krannert Center

for the Performing Arts, will be financed partially by funds given by the Class of 1917 in connection with its fiftieth anniversary.

This matter is being reported to the Board for record.

This report was received for record.

CIVIL ENGINEERING HYDROSYSTEMS LABORATORY, URBANA

(12) The President of the University recommends that the building north of Main Street and west of Mathews Avenue, Urbana, be designated "Civil Engineering Hydrosystems Laboratory." In the over-all plans for the Civil Engineering Building complex, this building will eventually be connected to the Civil Engineering Building.

On motion of Mr. Hahn, this recommendation was approved.

DEDICATION OF CERTAIN NATURAL AREAS AS NATURE PRESERVES

(13) The President of the University recommends that certain natural areas owned by the University and administered by the Committee on Natural Areas and Uncultivated Lands be dedicated as nature preserves within the system and under the procedures outlined in An Act in relation to the acquisition, control, maintenance, improvement and protection of state parks and nature preserves, approved June 26, 1925, as amended.

The properties to be affected by this action are those commonly known as Brownfield Woods, Trelease Woods, Hart Memorial Forest, Funk Forest, Volo Bog, and Wauconda Bog, the legal descriptions of each such parcel being as shown on Exhibit A. A copy of said Exhibit A has been filed with the Secretary of the Board for Record.

Areas so dedicated as nature preserves are declared by statute to be put to their highest, best, and most important use for public benefit. After dedication, these areas will not be subject to alienation except to another public use and then only upon a finding by the Department of Conservation of the State of Illinois of imperative public necessity with the concurrent approval of the Governor and the Illinois Nature Preserves Commission.

To implement this proposal, the President of the University recommends that the Comptroller and the Secretary of the Board be authorized to execute articles of dedication providing for the dedication of these properties as nature preserves within the meaning of the act referred to above; provided, however, that said articles of dedication shall provide that the University is to retain responsibility for the care, supervision, and control of the premises and that said dedication shall be for a period not in excess of twenty-five years.

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

APPLICATIONS FOR GRANT FUNDS UNDER TITLE I OF THE HIGHER EDUCATION FACILITIES ACT OF 1963

(14) Under the Higher Education Facilities Act of 1963, the United States Commissioner of Education is authorized to grant funds for the construction, rehabilitation, and improvement of academic and related facilities. The requirements of the Department of Health, Education, and Welfare for the submission of applications for grants under the Act necessitate the adoption of a formal resolution by the Board authorizing the filing of applications and designating the person to act on behalf of the University.

It is recommended that the Board of Trustees adopt the resolutions submitted herewith authorizing the filing of four applications and one supplemental application for grants for the following projects. In addition, James E. Osborn, Business Manager at Chicago Circle, would be designated as the officer authorized to file the application on behalf of the University for construction at Chicago Circle, and H. O. Farber, Comptroller of the Board, as the officer authorized to file the applications on behalf of the University for construction at Urbana-Champaign. The projects are:

Construction at Chicago Circle — Education Center Building

Construction at Urbana-Champaign — Foreign Languages Building; Music Build-

ings; Library Fifth Stack Addition, also known as Library Building Addition; Addition to Women's Gymnasium

Resolution Authorizing the Filing of Application for Grant Funds Under Title I of the Higher Education Facilities Act of 1963

Approved October 16, 1967

WHEREAS, the U. S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a grant under the aforementioned act for the project described as follows:

Construction of Education Center Building at Chicago Circle Campus

Now, therefore, be it

Resolved, that an application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said application will be forwarded to the U. S. Commissioner of Education for consideration for his approval; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates James E. Osborn, Business Manager, Chicago Circle Campus, as the Officer authorized to file the application and act as the representative of this Board in connection with said application.

Signed _____

WAYNE A. JOHNSTON, President
The Board of Trustees of the
University of Illinois
October 16, 1967

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

Resolution Authorizing the Filing of Applications for Grant Funds Under Title I of the Higher Education Facilities Act of 1963

Approved October 16, 1967

WHEREAS, the U. S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for grants under the aforementioned act for the projects described as follows:

1. Construction of Foreign Languages Building at Champaign-Urbana Campus.
2. Construction of Music Buildings at Champaign-Urbana Campus.
3. Construction of Library Fifth Stack Addition also known as Library Building Addition at Champaign-Urbana Campus.

Now, therefore, be it

Resolved, that applications for the projects described above are authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said applications receive a priority rating sufficiently high to receive grant funds under the aforementioned act, said applications will be forwarded to the U.S. Commissioner of Education for consideration for his approval; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates H. O. Farber, Comptroller, as the officer authorized to file the applications and act as the representative of this Board in connection with said applications.

Signed _____

WAYNE A. JOHNSTON, President
The Board of Trustees of the
University of Illinois
October 16, 1967

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

Resolution Authorizing the Filing of Supplementary Application for Grant Funds Under Title I of the Higher Education Facilities Act of 1963

Approved October 16, 1967

WHEREAS, the U. S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a supplemental grant under the aforementioned act for the project described as follows:

Construction of Addition to Women's Gymnasium at Urbana-Champaign

Now, therefore, be it

Resolved, that a supplementary application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said supplementary application will be forwarded to the U. S. Commissioner of Education for consideration for his approval; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates H. O. Farber, Comptroller, as the officer authorized to file the supplementary application and act as the representative of this Board in connection with said supplementary application.

Signed _____

WAYNE A. JOHNSTON, President
The Board of Trustees of the
University of Illinois
October 16, 1967

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Johnston, Mr. Jones, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

**APPROPRIATIONS FOR NONRECURRING EXPENDITURES,
MEDICAL CENTER**

(15) The Executive Vice-President and Provost, the Vice-President and Comptroller, and the Chancellor of the Medical Center campus recommend the following nonrecurring appropriations from the Medical Center General Reserve:

Medical Center Illustration Studios, equipment.....	\$ 20 815 00
Medical Research Laboratory, equipment.....	39 805 84
Research and Educational Hospitals	
Department of Surgery, equipment.....	31 671 00
Department of Medicine, equipment.....	16 000 00
Research and Educational Hospitals Laboratories, equipment.....	28 000 00
Department of Anesthesiology, equipment.....	17 000 00
<i>Total, Medical Center General Reserve.....</i>	<i>\$153 291 84</i>

I concur.

On motion of Mr. Hughes, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

**CONTRACTS FOR CONSTRUCTION OF ORCHARD DOWNS
LAUNDRY BUILDING ADDITION, URBANA**

(16) The President of the University recommends award of the following contracts for construction of an addition to the South Orchard Downs Laundry Building for the Housing Division, Urbana, the award in each case being to the lowest bidder. (All appropriate administrative officers have been consulted.)

General — Barber & DeAtley, Inc., Urbana	
Base bid	\$25 850 00
Additive alternate for supervision of other contracts assigned to the general contractor.....	1 500 00
<i>Subtotal.....</i>	<i>\$27 350 00</i>
Plumbing — Reliable Plumbing & Heating Company, Champaign....	14 995 00
Heating — F. R. Inskip, an individual doing business as Inskip Plumbing, Heating & Air Conditioning Co., Champaign.....	4 334 00
Ventilation — F. R. Inskip, an individual doing business as Inskip Plumbing, Heating & Air Conditioning Co., Champaign.....	6 116 00
Electrical — Square Deal Electrical Contracting, Inc., Urbana.....	7 264 00
<i>Total</i>	<i>\$60 059 00</i>

Since F. R. Inskip, an individual doing business as Inskip Plumbing, Heating & Air Conditioning Co., Champaign, is the lowest bidder for heating and ventilation work, it is also recommended that these two awards be combined in a single contract in lieu of separate contracts.

It is further recommended that all contracts other than the general contract be assigned to the contractor for general work, making the total of the contract \$60,059; and that an agreement be entered into with Barber & DeAtley, Inc., Urbana, for the assignment of these other contracts for \$1,500. This amount is included in the \$60,059 contract price, and is the amount bid by that firm for the supervision of contracts assigned to the general contractor.

Funds for this work are available from the proceeds of the sale of revenue bonds and Housing Division operating reserves.

Submitted herewith is a report from the campus architect including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Swain, these contracts were awarded by the fol-

lowing vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

CONTRACT FOR CONSTRUCTION OF NEW STEAM SERVICE TO PSYCHOLOGY LABORATORY, URBANA

(17) The President of the University recommends award of a contract for \$84,656 to The Nu-Way Contracting Corp., Chicago, the lowest bidder, for the provision of steam service to the Psychology Laboratory, Urbana.

Funds are available in state capital appropriations to the University and have been released.

On motion of Mr. Clement, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

CONTRACTS FOR AIR CONDITIONING AND REMODELING OF MATHEMATICS LIBRARY IN ALTGELD HALL, URBANA

(18) The President of the University recommends the assignment of \$40,249 from the Urbana-Champaign General Reserve and award of the following contracts, based on the percentages bid for contractors' fees, for air conditioning and remodeling the Mathematics Library in Altgeld Hall, Urbana, the award in each case to the lowest bidder. (All appropriate administrative officers have been consulted.)

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General — Barber & DeAtley, Inc., Urbana	5	28	10	\$ 748 40	\$ 5 182 00
Electrical — G. L. Wilsky, an individual doing business as Downtown Electric, Urbana	27	18	0	232 38	1 291 00
Heating, Piping, Refrigeration and Automatic Temperature Control Systems — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana	25	38	10	3 044 85	13 138 00
Ventilation and Distribution Systems for Conditioned Air — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana	25	35	0	2 878 15	13 285 00

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

CONTRACTS FOR REMODELING IN NATURAL HISTORY BUILDING FOR THE DEPARTMENT OF ZOOLOGY, URBANA

(19) The President of the University recommends assignment of \$169,310 from the Urbana-Champaign General Reserve and award of the following contracts, based on the percentages bid for contractors' fees, for remodeling eleven rooms in the Natural History Building for the Department of Zoology of the College of Liberal Arts and

Sciences, Urbana, the award in each case to the lowest bidder. (All appropriate administrative officers have been consulted.)

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General — Dean Evans Co., Champaign.....	4	26	5	\$9 260 00	\$75 260 00
Electrical — Wm. H. Brunkow, an individual doing business as Brunkow Electric Co., Champaign.....	10	24	0	2 100 00	13 100 00
Plumbing — Wren C. Thomas and Willis H. Thomas, a partnership doing business as Thomas Plumbing and Heating Company, Urbana..	20	47	5	5 445 00	21 945 00
Heating, Piping, Refrigeration and Automatic Temperature Control Systems — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	25	38	10	2 611 00	11 811 00
Ventilation and Distribution Systems for Conditioned Air — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	25	35	10	1 825 00	8 325 00

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Jones, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

EMPLOYMENT OF ENGINEERS, URBANA

(20) The President of the University recommends employment of the following firms for complete engineering services, including design and bid documents, for the projects and on the terms indicated:

- A. Warren & Van Praag, Inc., Decatur
Extensions and improvements to the
Water Distribution System
Schedule B of minimum fees of Illinois
Society of Professional Engineers, 1965
Edition
- B. Associated Engineers, Inc., Peoria
Air conditioning Smith Music Hall
Seven per cent of actual construction
costs
- C. Sargent & Lundy, Engineers, Chicago
Study and report on boiler and
smokestack efficiency at Abbott
Power Plant
Direct costs plus 100 per cent of salary
and wages of technical personnel, not to
exceed \$8,000

Funds are available for the above projects in state capital appropriations to the University, subject to release by the Governor, and in the Physical Plant Department budget.

The Advisory Committee on Architectural and Engineering Services and all appropriate administrative officers have been consulted.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Johnston, Mr. Jones, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

AGREEMENT WITH CITY OF URBANA FOR WIDENING AND IMPROVING PARTS OF LINCOLN AVENUE, ILLINOIS STREET, OREGON STREET, AND GREGORY PLACE

(21) The President of the University recommends that the Board authorize its Comptroller and Secretary to execute an agreement with the city of Urbana to share in the costs of improving the following streets: Lincoln Avenue from Green Street to Nevada Street; Illinois Street from Lincoln Avenue to Goodwin Avenue; Oregon Street from Lincoln Avenue to Goodwin Avenue; and Gregory Place from Illinois Street to Nevada Street.

The city of Urbana, in a phased program and in accordance with the Major Street and Highway Plan for the Champaign-Urbana Urban Area (Harland Bartholomew & Associates, 1960) has widened or is in the process of widening Lincoln Avenue in all areas north of Florida Avenue except this segment. This will complete the City's program of widening Lincoln Avenue to forty-four feet from Florida to Interstate Route FA 74. The widening and improving of the remaining streets will make a major contribution in serving traffic to the Kranert Center for the Performing Arts now under construction, the proposed Music Building, and the Illinois Street Residence Halls as well as future developments in the area.

The City has indicated its willingness to proceed with these projects if the University will share in the total costs of the improvements based on the ratio of University-owned property frontage to total property frontage. The total cost is estimated at \$560,000, with the University's share at approximately \$260,000.

Funds are available in state capital appropriations to the University, subject to release by the Governor.

On motion of Mr. Grimes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

AGREEMENT WITH CITY OF URBANA, TOWNSHIPS OF URBANA AND CHAMPAIGN, AND STATE OF ILLINOIS FOR PAVING PORTIONS OF SOUTH FIRST STREET ROAD AND SOUTH LINCOLN AVENUE

(22) The Executive Committee of the Board at its meeting on August 31, 1967, authorized the employment of Sodemann & Associates, Champaign, for complete engineering services for the paving of South First Street Road from St. Mary's Road to the entrance of the Children's Research and Adler Zone Centers; and Lincoln Avenue from Florida Avenue to the entrance to the south right-of-way line of George Huff Drive extended.

The rights of way are under the jurisdiction of the city of Urbana and the townships of Urbana and Champaign. The governing bodies have indicated a willingness for the University to undertake these improvements at its expense and are agreeable to vacating these rights of way and thereby vesting title to the rights of way in the University as the abutting owner. The University owns the property abutting these proposed improvements on both sides except the site of the State Office Building now under construction on South First Street Road and on which the University recently transferred title to the state of Illinois.

The University has for a number of years performed most of the maintenance and snow removal on these roads.

The improvements proposed will include permanent concrete streets forty-four feet wide and will provide all-weather access to the Children's Research Center, the Firemanship Training facility, the Adler Zone Center, and the State Office Building on South First Street Road and the proposed new Small Animal Clinic and other future facilities for the College of Veterinary Medicine.

Accordingly, the President of the University recommends that the Comptroller and the Secretary of the Board be authorized to execute agreements with the city of Urbana, Champaign Township, Urbana Township, and the state of Illinois providing for the transfer of title to the rights of way to the University and the construction of these improvements by the University.

Funds for this project have been included in state capital appropriations to the University, subject to release by the Governor.

On motion of Mr. Hughes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

LEASE WITH HENDRICK DORMS, INC., CHAMPAIGN

(23) Senate Bill 393 approved by the Seventy-fifth General Assembly increases the opportunities for police training by broadening the classification of officers who may participate and extends financial help to include advanced basic specialized courses. The major portion of the responsibility for this expanded program will be assumed by the Police Training Institute in the Division of University Extension, Urbana.

During the current year, twelve courses will be offered, varying in length from one week to four weeks. Although it is necessary to contract for housing for the participants in these courses, no University housing is available. Private operators have been contacted, but only Hendrick Dorms, Inc., can accommodate the participants in the program.

It is proposed that the University execute an appropriate lease agreement with Hendrick Dorms, Inc. The latter would provide twenty-four rooms (to accommodate a maximum of forty-eight participants) and bus service at a total cost of \$34,800. In addition, Hendrick Dorms, Inc., will provide meals at \$18.75 per week for each resident. The fees charged for the courses include a charge for housing and food service which is adequate to meet the cost of this lease.

The President of the University recommends that the appropriate administrative officers be authorized to execute a lease as described above.

On motion of Mr. Clement, this recommendation was approved.

LEASE OF SITE FOR ADDITION TO KRANNERT ART MUSEUM, URBANA

(24) On August 31, 1967, the Executive Committee of the Board of Trustees approved the construction of an addition to the Krannert Art Museum and requested the University of Illinois Foundation to proceed with the temporary financing and awarding of contracts for the addition, subject to the approval of the State of Illinois Board of Higher Education. This approval has now been obtained.

In order for the Foundation to proceed with the financing, it is necessary for the University to lease the site to the Foundation for a period of thirty years and for the Foundation to sublease the site and improvements to the University for biennial periods.

The President of the University recommends adoption of the following resolution.

Resolution Re Addition to and Remodeling of Krannert Art Museum

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized for and in the name of, and on behalf of, this public corporation:

(1) to sign, execute and deliver an agreement with and to University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, hereinafter referred to as "Foundation", which agreement shall provide that this public corporation will lease certain hereinafter described property owned by it in Champaign, Illinois, to Foundation; that Foundation will borrow money for the

purpose of constructing and will construct, on said property an addition to, and perform certain remodeling of, the Krannert Art Museum; that Foundation will sublease said premises, including the buildings and facilities to be constructed thereon, to this public corporation at a rental and upon the terms and conditions hereinafter set forth; and that upon completion of the repayment of said indebtedness title to said property, including all improvements and facilities thereon, shall be vested in this public corporation;

(2) to enter into a lease with Foundation providing for the leasing by this public corporation to Foundation of the following described property, viz:

Situated in the State of Illinois, the County of Champaign, the City of Champaign, in the Southwest Quarter (SW $\frac{1}{4}$) of Section Eighteen (18), Township Nineteen North (T-19-N), Range Nine (9) East of the Third Principal Meridian (3rd P.M.), and being more fully bounded and described as follows:

Beginning at a corner 1062.73 feet distant south of and 466.2 feet distant west of the NE Corner of the said SW $\frac{1}{4}$ of Section 18; thence westerly, a distance of 477.2 feet to a corner; thence southerly a distance of 223.6 feet to a corner; thence easterly, a distance of 477.2 feet to a corner; thence northerly, a distance of 223.6 feet to the point of beginning, containing 2.45 acres, more or less;

for a term of thirty years commencing on the first day of November A.D. 1967 and extending to and including the 31st day of October A.D. 1997, or until the indebtedness incurred by Foundation in connection with the construction and remodeling of said buildings and facilities has been paid and liquidated, whichever shall first occur; in consideration of Foundation's constructing thereon an addition to, and performing remodeling of Krannert Art Museum pursuant to plans and specifications therefor as now on file in the office of the Campus Architect of this public corporation, and in consideration of Foundation's reimbursing this public corporation for architectural, engineering and estimating fees incurred in connection with said construction and the plans and specifications therefor and accepting an assignment of the architectural contract therefor, and in consideration of Foundation's subleasing said premises and the buildings and facilities to be constructed thereon to this public corporation upon the terms and conditions hereinafter set forth; and providing further that in the event this public corporation should become in default under the terms of said sublease or fail to exercise any option for renewal of the term of said sublease under the terms and conditions therein set forth that thereupon Foundation shall have the full and unrestricted right to the use and possession of said premises and the buildings and facilities thereon for the remainder of the original term of said lease and the right to assign said lease or sublet said premises with the buildings and facilities thereon to others for the remainder of the original thirty year term of said lease;

(3) to enter into a sublease agreement with Foundation providing for the subleasing by Foundation to this public corporation of said premises including the buildings and facilities to be constructed thereon, under which sublease this public corporation will agree to pay a Basic Rental payable in semiannual installments in the amount of Seventeen Thousand Five Hundred Dollars (\$17,500.00) or such other amount as may be necessary to enable the Foundation to pay all interest when due on Foundation's loan and all costs incurred by the Foundation in connection with the operation and maintenance of the Krannert Art Museum, but upon which Basic Rental University shall have the right to take credit for any interest paid on Foundation's loan from the loan proceeds and for all income received from investments of the loan proceeds during the construction period and from investments of Krannert gifts by Foundation, and an additional rental equal to any shortages in scheduled Krannert gifts, payable in eight quarterly installments beginning with the first quarter of the biennium subsequent to the term or any renewal term of the sublease in which such deficiency in Krannert gifts occurred; said sublease to run from the date of the closing of Foundation's permanent loan secured for the financing of said improvements and extend to June 30 of the first subsequent odd-numbered year thereafter; and which sub-

lease shall contain options giving to this public corporation the right to renew said sublease for successive two year periods from July 1 of each odd-numbered year to June 30 of the next succeeding odd-numbered year by giving written notice to Foundation between the first and fifteenth day of July in each year when such renewal is to be made, to and including April 30, 1973, or until said sublease is finally terminated by the payment and liquidation of the above mentioned indebtedness, whichever shall first occur; and which sublease shall provide that this corporation subject to the availability of funds which may lawfully be applied to the payment of such rental will exercise said options for renewal for such biennial periods;

(4) to commit this public corporation to act as agent for Foundation in the supervision of construction and administration of contracts therefore and change orders thereto, and the administration and service of said indebtedness, and in making payments of and disbursements from and of funds made available by the creditor of Foundation for the purpose of said construction and acquisition of facilities; and

(5) to commit this corporation to hold all monies, instruments, accounts, securities or other property, and the income from investments thereof, which it now has or may hereafter receive or become entitled to from any person or entity for the use of the Krannert Art Museum for and devoted to such purpose;

(6) to assign to Foundation the architectural agreement dated February 9, 1967, with Richardson, Severns, Scheeler & Associates, Inc., a Delaware corporation, for professional architectural services for the construction of an addition to, and the remodeling of certain portions of, the existing Krannert Art Museum; and

(7) to sign, execute, acknowledge and deliver any and all other documents and instruments deemed necessary or desirable by said Comptroller and said Secretary to accomplish the purposes herein set forth.

On motion of Mr. Swain, the foregoing resolution was adopted.

PURCHASES

(25) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller.

The lists of purchases recommended for Board approval was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds.....	\$ 45 343 02
From Institutional Funds.....	264 677 21
<i>Grand Total</i>	<u>\$310 020 23</u>

A complete list of the purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Jones, the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(26) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(27) The Comptroller's report of contracts executed during the period September 1 to 30, 1967.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
American Institute of Steel Construction, Inc.	Decision tables for steel specifications by Fenves and Gaylord	\$21 600 00
Illinois Department of Business and Economic Development	Technical services and evaluation reports for the following project proposals: 1. Computer technology for the Illinois building industry 2. Technical services for the wood using industry 3. Technical services for the farm equipment industry 4. Continuing education 5. Evaluation of continuing education and semester courses 6. Advanced short courses	187 586 00
Illinois Department of Conservation	Commercial fisheries research studies on the clam industry in Illinois	7 200 00
Illinois Department of Public Health	Pesticide residue analysis	54 958 00
Illinois Local Governmental Law Enforcement Officers Training Board	Developing curricula and course descriptions in several areas of advanced police training	24 000 00
Illinois Superintendent of Public Instruction E-147	Application of programmed auditory perception materials to students gifted musically	9 794 00
Morris Animal Foundation	Study of immunity in canine babesiosis and diagnosis of hemotropic infections in zoo animals	3 000 00
North Carolina State University (Subcontract with United States Department of Health, Education, and Welfare grant OEG-2-7-070348-2698 and OEG-2-6-000517-0585)	Development of achievement measures for trade and technical education	30 688 00
Prairie View Agricultural and Mechanical College	Upgrading of the academic skills of freshmen students at Prairie View in reading, mathematics, and English	3 358 00
Southwest Texas Educational Television Council	Transmission of Economics 108 over closed circuit television to member schools of Southwest Texas Educational Television Council	390 00
Stanford Research Institute (Subcontract with United States Army DAHC 20-67-C-0136)	Structural interaction of building members, specifically: 1. Interaction of structural frames with filler walls 2. Interaction of floor slabs with surrounding members	39 566 00
United States Air Force AFOSR-68-1391	Relations between logical structure, time, and natural numbers	47 922 00
United States Department of Commerce	Study on the feasibility of using the critical field of superconducting Al as a thermometric parameter	5 000 00
United States Department of Health, Education, and Welfare OEC-1-7-071194-5117	Studies in public library government, organization, and support	157 285 00
OEC-1-7-071213-4557	Acquisition of knowledge in relation to information, storage, and retrieval methods	250 000 00
United States Navy N0022868D0064	Instruction to officer students	3 500 00
<i>Total</i>		<u>\$845 847 00</u>
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Skitch Henderson and Orchestra	Performance on October 21, 1967, at Chicago Circle Center	\$ 4 000 00

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Steve Lauber	Rental of barber shop in the Chicago Circle Center building (September 1, 1967, to August 31, 1969)	\$ 7 200 00
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Pierre Lachaux	Rental space on second and third floors of building in LaNapoule, France (October 1, 1967, to May 31, 1968)	\$ 8 600 00

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Department of Mental Health 17-192	Conflict and identification in families of female schizophrenics	\$ 2 500 00
Illinois Department of Public Health	Pesticide residue analysis	53 803 00
Moorman Manufacturing Company	Nutritional quality of pig starter rations	2 600 00
United States Air Force AF-AFOSR-7-67	Theory and application of computational principles in complex intelligent systems	96 146 00
F33615-67-C-1190	Behavior of highly damped structures	30 000 00
United States Army DA-28-043-AMC-01733	Equipment to be made available from previous contracts for use on future government contracts	269 161 00
DACA 39-67-C-0009	Behavior of underground openings subjected to static loads	31 670 00
United States Atomic Energy Commission AT(11-1)-1198	Understanding the nature of materials, predominantly solids	20 000 00
United States Department of Health, Education, and Welfare OEG 32-23-1020-6002	Remedial guidance of young retarded children with behavior problems which interfere with academic learning and adjustment	30 014 00
United States Navy NBy-24976	Welding procedures, including preheating and stress	15 000 00
Nonr-1834(38)	Dependence of dielectric properties on crystal structures	14 510 00
Total		\$565 404 00

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Admiral Heating and Ventilating, Inc.	Air conditioning admitting clinics	\$ 5 282 00
Barber and DeAtley, Inc.	Cost-plus contracts — general	8 000 00
Cool-Rite Refrigeration	Cost-plus contracts — heating and ventilating	8 278 00
Fries Walters Co.	Cost-plus contract — electrical	3 000 00
Gust K. Newburg Construction Co.	Site development — general	7 735 00
Total		\$ 44 485 00

Summary

Amount to be paid to the University.....	\$1 418 451 00
Amount to be paid by the University.....	57 085 00

This report was received for record.

INVESTMENT REPORT**Report of the Finance Committee**

(28) The Finance Committee reported the following changes in investments of endowment funds for the month of August, 1967:

Duke

Purchase
\$15 000 U.S. Treasury bills due 9/21/67.....\$ 14 953 54

Endowment Pool

Purchase
\$112 000 Commercial Credit Co. open-end demand notes..... 112 000 00

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of August, 1967:

Current Funds

FORD FOUNDATION — GENERAL ENGINEERING

Purchase
\$30 000 U.S. Treasury bills due 7/31/68.....\$ 28 528 72

FORD FOUNDATION — INTERNATIONAL PROGRAMS

Exchange

\$100 000 U.S. Treasury 3¾ per cent notes due 8/15/67 for
100 000 U.S. Treasury 5¼ per cent notes due 11/15/68.

Purchases

\$125 000 U.S. Treasury bills due 7/31/68..... 118 872 69
92 000 U.S. Treasury 4 per cent bonds due 2/15/69..... 90 706 25

RESTRICTED GROUP

Sale

\$ 250 000 Clark Equipment Credit Corporation notes due 10/16/67 248 251 74
500 000 Hallmark Cards notes due 10/16/67..... 496 503 47
1 000 000 First National Bank of Chicago C/D due 11/3/67..... 1 009 097 70
1 000 000 First National Bank of Chicago C/D due 11/6/67..... 1 009 065 18

ART OBJECTS

Sale

\$25 000 CIT Financial Corp. open-end demand notes..... 25 000 00

Construction Funds

UNION BUILDING (Chicago Circle)

Purchase

\$30 000 U.S. Treasury bills due 10/13/67..... 29 785 60

FLORIDA AVENUE RESIDENCE HALLS

Purchase

\$274 000 U.S. Treasury bills due 6/30/68..... 262 241 75

Sinking Funds

ASSEMBLY HALL

Purchase

\$331 000 U.S. Treasury bills due 9/21/67..... 329 809 32
340 000 U.S. Treasury bills due 6/30/68..... 324 677 33
25 000 U.S. Treasury bills due 7/31/68..... 23 818 85
514 000 U.S. Treasury bills due 7/31/68..... 488 792 16

UNION BUILDING (Chicago Circle)

Purchase

\$196 000 U.S. Treasury bills due 9/21/67..... 195 191 94
69 000 U.S. Treasury bills due 3/22/68..... 66 933 50

HOUSING REVENUE BONDS

Purchase

\$1 338 000 U.S. Treasury bills due 9/21/67.....	1 333 642 21
132 000 U.S. Treasury 4 per cent bonds due 2/15/69.....	130 230 94

ILLINI UNION AND HEALTH CENTER

Purchase

\$291 000 U.S. Treasury bills due 9/21/67.....	291 992 15
127 000 U.S. Treasury bills due 3/22/68.....	123 404 87
215 000 U.S. Treasury 4 per cent bonds due 2/15/69.....	211 909 38

REVENUE BONDS OF 1952

Purchase

\$50 000 U.S. Treasury bills due 8/24/67.....	49 902 78
7 000 U.S. Treasury bills due 2/29/68.....	6 829 38

REVENUE BONDS OF 1956

Purchase

\$43 000 U.S. Treasury bills due 9/21/67.....	42 859 95
4 000 U.S. Treasury 2½ per cent bonds due 6/15/69.....	3 855 00

STUDENT SERVICES

Exchange

\$60 000 U.S. Treasury 3¾ per cent notes due 8/15/67 for
60 000 U.S. Treasury 4¾ per cent notes due 5/15/72.

Purchase

\$8 000 U.S. Treasury 4 per cent bonds due 2/15/72.....	7 610 00
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WOMEN'S RESIDENCE HALLS OF 1956

Purchase

\$91 000 U.S. Treasury bills due 9/21/67.....	90 705 87
65 000 U.S. Treasury 3¾ per cent bonds due 8/15/68.....	64 207 81
29 000 U.S. Treasury 4 per cent bonds due 2/15/69.....	28 601 25
17 000 U.S. Treasury 5¼ per cent notes due 5/15/71.....	16 994 06

This report was received for record.

**REPORTS AND RECOMMENDATIONS FROM THE
PRESIDENT OF THE BOARD**

FUTURE BOARD MEETINGS

President Johnston called attention to the dates for the next three meetings of the Board to be held: November 10, 1967, in Urbana, December 20, 1967, in Urbana, and January 17, 1968, in Chicago.

DEGREES CONFERRED

The Secretary presented for record the following lists of degrees conferred on candidates at Urbana-Champaign on October 16, 1967, in accordance with the authorization of the Board.

Summary

Graduate College	
Doctor of Philosophy.....	245
Doctor of Education.....	19
Master of Arts.....	53
Master of Science.....	86
Master of Music.....	1
Master of Education.....	11
Master of Social Work.....	2
Master of Fine Arts.....	1
Master of Business Administration.....	3
Advanced Certificate.....	4
<i>Total, Graduate College.....</i>	<i>(425)</i>

College of Agriculture	
Bachelor of Science.....	3
College of Engineering	
Bachelor of Science.....	4
College of Liberal Arts and Sciences	
Bachelor of Arts.....	37
Bachelor of Science.....	11
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(48)</i>
College of Law	
Doctor of Law.....	6
College of Education	
Bachelor of Science.....	4
College of Commerce and Business Administration	
Bachelor of Science.....	8
College of Journalism and Communications	
Bachelor of Science.....	3
College of Fine and Applied Arts	
Bachelor of Architecture.....	4
Bachelor of Fine Arts.....	3
Bachelor of Landscape Architecture.....	1
Bachelor of Science.....	1
<i>Total, College of Fine and Applied Arts.....</i>	<i>(12)</i>
College of Physical Education	
Bachelor of Science.....	2
<i>Total, Degrees Conferred at Urbana-Champaign.....</i>	<i>515</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

ERNEST LEWIS ENKE, B.Sc., B.A., M.A., University of Nebraska, 1955, 1961
 RONALD VERNON HARTLEY, B.S.C., Ohio University, 1960; M.A.S., 1961
 JOHN HERMAN SMITH, B.S.B.A., A.M., University of Missouri, 1960, 1963

In Agricultural Economics

BADIE JAMIL AL-KADDO, B. Sc., University of Baghdad, 1959; M.S., 1965
 TSOUNG-CHAO LEE, B.S., National Taiwan University, 1958; M.S., 1965
 CHARLES BLACKMAN SAPPINGTON, B.S., Cornell University, 1948; M.S., 1965
 RUDIE WRIGHT SLAUGHTER, JR., B.S.Agr., M.S., University of Missouri, 1953, 1964

In Agronomy

OLIN NOVELLER ANDREWS, JR., B.S., M.S., Auburn University, 1958, 1963
 ROBERT BAXTER, B.Sc., University of London, 1959; M.S.A., University of Toronto, 1964
 NICANOR CROVALDE FERNANDEZ, B.S.A., University of the Philippines, 1958; M.S., University of Hawaii, 1963
 TIMOTHY JOHN O'BRIEN, B.Sc., University College (Dublin), 1961; M.S.A., University of Toronto, 1964
 BIR BAHADUR SINGH, B.Sc. (Hons.) Ag.&A.H., Uttar Pradesh Agricultural University, 1963; M.S., 1965
 DONALD PAUL WEEKS, B.S.A., Purdue University, 1963

In Animal Science

STANLEY DEAN FARLIN, B.Sc.Ag., University of Nebraska, 1961; M.S., Colorado State University, 1963
 CARL COLIN KALTENBACH, B.S., University of Wyoming, 1961; M.S., University of Nebraska, 1963
 JAMES JOSEPH MCGILLIVRAY, B.S., Michigan State University, 1960; M.S., 1962
 GORDON DEAN NISWENDER, B.S., University of Wyoming, 1962; M.S., University of Nebraska, 1964

In Astronomy

WILLIAM ELLIOTT GREIG, B.Sc., M.A., University of Toronto, 1961, 1962

In Biology

ELIZABETH BOGART JUERGENSMAYER, B.S., Oregon State University, 1962; M.S., 1964

DONALD WILLIAM SLATER, B.A., University of Denver, 1959

DAVID ORVILLE TOFT, B.A., Gustavus Adolphus College, 1963; M.S., 1965

BARBARA SCHNEIDER VOLD, A.B., University of California, 1963; M.S., 1964

In Biophysics

WILLIAM ROBERT LIEB, B.S., M.S., 1962, 1963

CHUI-HSU YANG, B.S., Tunghai University, 1959; M.S., North Texas State University, 1964

In Botany

LEON DELANO EISENHauer, B.S., M.S., 1959, 1959

DAVID EMANUEL FINLEY, B.S., M.S., Western Illinois University, 1962, 1964

RICHARD WESTON FONDA, A.B., Duke University, 1962; M.S., 1965

In Business

RICHARD DEAN BROWN, B.S., University of Kansas, 1958; M.S., Kansas State Teachers College, 1959

In Ceramic Engineering

NORMAN HOWARD HARRIS, A.B., Whittier College, 1963; M.S., 1966

In Chemical Engineering

ROBERT GARY LADD, B.S.Chem.E., University of Nebraska, 1963; M.S., 1965

In Chemistry

CHRISTOPHER WHITNEY ALLEN, B.A., University of Connecticut, 1964; M.S., 1966

JAMES ALLAN COX, B.Chem., University of Minnesota, 1963; M.S., 1965

THOMAS PATRICK DOHERTY, A.B., Municipal University of Omaha, 1962; M.S., 1964

DAVID ALAN DURAND, B.S., Wheaton College (Illinois), 1962; M.S., 1964

MARLENE KRESGE FELDT, B.S., Bucknell University, 1963; M.S., 1965

RAYMOND JOHN FELDT, B.A., Central College (Iowa), 1962; M.S., 1965

DON PAUL FILSON, A.B., Park College, 1952; M.S., 1962

CHARLES MILTON FLYNN, JR., B.S., California Institute of Technology, 1962

JAMES CAROL GAAL, B.S., Marietta College, 1961

JAMES EDWARD GANO, B.A., Miami University, 1963; M.S., 1966

ADRIANE MARY GURAK, A.B., Rutgers, The State University, 1963; M.S., 1965

ALLEN GENE HIEBERT, A.B., Tabor College, 1963; M.S., 1965

LINDA CHARLENE JEN, A.B., Radcliffe College, 1962; M.S., 1965

RONALD LEWIS KEENER, B.S., Virginia Polytechnic Institute, 1962; M.S., 1964

THOMAS JAMES KINDT, A.B., Villa Madonna College, 1963

CHARLES MARTIN LEIR, B.S., State University of Iowa, 1963; M.S., 1965

MEI-KUO LO, B.S., National Taiwan University, 1959; M.S., 1965

DAVID VAUGHN MILLIGAN, A.B., Princeton University, 1963; M.S., 1965

JANICE CAROL PUCKETT, B.S., Queens College, 1958; M.S., University of Massachusetts, 1961

RODERIC PAUL QUIRK, B.S., Rensselaer Polytechnic Institute, 1963; M.S., 1965

MICHAEL FRANCIS RETTIG, A.B., Earlham College, 1963

ROBIN CLAIRE RUTH, B.S., University of Oklahoma, 1962

ANTON FRANZ SCHREINER, B.S., M.S., University of Detroit, 1961, 1963

JACK WHIPPLE TIMBERLAKE, A.B., Hanover College, 1962; M.S., 1964

RONALD JOSEPH TRANCCK, B.S., Wayne State University, 1963; M.S., 1965

ROBERT EBERT WAGNER, A.B., Miami University, 1963; M.S., 1965

WILLIAM LOCHRIDGE WELLS, B.S.Ch.E., University of Kentucky, 1962; M.S. 1964

MARK LESTER WICHOLAS, A.B., Boston University, 1961; M.S., Michigan State University, 1964

MARCETTA BERNICE YORK, B.A., Union College, 1963; M.S., 1965
 KENNETH CHARLES ZAHN, B.S.Ed., B.S., M.S., University of Arizona, 1959, 1960, 1960
 PETER JOHN ZANZUCCHI, B.S., Le Moyne College, 1963; M.S., 1965

In Civil Engineering

ABDEL-GAWAD ABDEL-RAOUF BAGHAT, B.C.E., Cairo University, 1960; M.S., University of Missouri (Rolla), 1964
 ABDEL RAHMAN SADIK SAID BAZARAA, B.C.E., Cairo University, 1961; M.S., 1965
 JAMES GREGORY CROSE, B.S.C.E., Washington University, 1960; M.S., 1962
 DAVID WILLIAM GOODPASTURE, B.S.C.E., University of Tennessee, 1960; M.S., 1962
 SIEGFRIED MATHIAS HOLZER, B.S.C.E., M.S.C.E., University of Kansas, 1961, 1965
 GLENN ALLEN MORRIS, B.Sc.E., M.Sc., University of Manitoba, 1956, 1958
 EDWARD LILE MURPHREE, JR., B.S.C.E., M.A., University of Mississippi, 1954, 1962; S.M., Massachusetts Institute of Technology, 1958
 JOSÉ ANTONIO PADILLA, C.Eng., Universidad Central de Venezuela, 1958; M.S., 1965
 NABIL ABDALLA SHOEB, B.E.C. (Hon.), Cairo University, 1960; M.S., 1964
 LYMAN RADLEY SQUIER, B.S.C.E., Rutgers, the State University, 1955; M.S., 1961

In Communications

DOGAN MEHMET CUCEOGLU, Grad., University of Istanbul, 1961
 KLAUS HERBERT KRIPPENDORFF, Dipl., Hochschule für Gestaltung (Ulm), 1962

In Dairy Science

LINDA KAY DIXON, B.S., Pennsylvania State College (California), 1962; M.S., University of California, 1964
 ROBERT GERALD HART, B.S., M.S., Duquesne University, 1963, 1965
 HAROLD LELAND KINCAID, B.S., M.S., 1962, 1964
 ARTHUR CHESTER SINGER, B.S., M.S., 1961, 1963
 SHARON TENA VAUGHAN, B.S., University of Oklahoma, 1963; M.S., 1965

In Dairy Technology

MUHSIN MOHAMMED ALI AL-SHABIBI, B.S., University of Baghdad, 1957; M.S., 1963
 N. R. SUNDARARAJAN, B.Sc., University of Madras, 1956; M.S., 1964

In Economics

JOHN WILLIAM ALLEN, B.S., M.S., 1958, 1963
 WILLIAM WALLACE CURTIS, B.S., College of Idaho, 1961; A.M., 1962
 NICHOLAS MICHAS, B.A., University of Alberta, 1963; M.S., 1964
 JOHN KIRKER STEPHENS, A.B., Swarthmore College, 1962; A.M., 1963

In Education

DONALD WATKINS BROWN, B.A., Biola College, 1956; B.A., University of California (Los Angeles), 1959; M.S., Gallaudet College, 1961
 LE ROI BRIAN DANIELS, B.A., M.A., University of British Columbia, 1953, 1963
 ROBERT HERMANN EWALT, B.S., Oregon State College, 1956; A.M., 1961
 GERALD WILLARD FAUST, B.A., St. John's University (Minnesota), 1964; A.M., 1966
 JACK KUENNE GENSKOW, B.S., University of Wisconsin, 1961; A.M., 1962
 ERWIN VIRGIL JOHANNINGMEIER, B.A., M.A.Ed., Washington University, 1960, 1964
 THOMAS OWENS MAGUIRE, B.Sc. B.Ed., M.Ed., University of Alberta, 1960, 1962, 1964
 DORIS ELNOVA MANNING, A.B., Southwestern College, 1942; M.E., Colorado State College, 1955
 BETTY KISER PLUNKETT, B.A.Ed., M.A.Ed., University of Kentucky, 1960, 1963
 MARGARET ANN MERRICK SCHEFFELIN, A.B., College of St. Joseph-on-the-Rio-Grande, 1952; Ed.M., 1959

PHILIP WARD TIEMANN, B.S., Purdue University, 1952; M.S., Illinois State University, 1962
AKIHIRO YOSHIDA, B.Ed., M.Ed., University of Tokyo, 1960, 1962

In Electrical Engineering

GARY SANDY BROWN, B.S., M.S., 1963, 1964
JOHN TERENCE JACOBS, B.A.Sc., University of Toronto, 1962; M.S., 1964
DAVID MATTHEW SALMON, B.E., University of Auckland, 1962; M.S.E.E., North-eastern University, 1965
KAM-CHUEN SO, B.S., 1962; M.S.E., University of Michigan, 1963
GREGORY EUGENE STILLMAN, B.Sc., University of Nebraska, 1958; M.S., 1965
LOUIS WOZNIAK, B.S., M.S., 1961, 1963

In English

ANNE WILFONG BALDWIN, A.B., Lenoir Rhyne College, 1957; A.M., 1961
THEODORE BARRY BUERMANN, A.B., St. Louis University, 1960; M.A., University of North Carolina, 1964
DONALD HOWARD ERICKSEN, B.A., Valparaiso University, 1950; A.M., Northwestern University, 1956; A.M., 1965
ROBERT EDWARD FLEMING, B.A., M.A., Northern Illinois University, 1959, 1964
HYMEN HAROLD HART, B.A., College of Puget Sound, 1950; A.M., 1959
MICHAEL ANDREW HOLLINGTON, B.A., University of Cambridge, 1963; A.M., 1964
ANNE BOWERS LONG, B.A., University of Louisville, 1963; A.M., 1964
JOHN DENNIS MCBRIDE, A.B., John Carroll University, 1959; A.M., 1963
EUGENE ERNEST MILLER, A.B., University of Notre Dame, 1955; M.A., Ohio University, 1962
JUDITH MAY NEWTON, B.A., University of the Pacific, 1960; A.M., 1961
ELLIN JANE RINGLER, B.A., Wellesley College, 1958; M.A., University of Connecticut, 1960
PHILIP EDWARD ROGERS, B.A., University of Utah, 1958; M.A., Cornell University, 1960
MARY LYNN VEACH SADLER, A.B., Duke University, 1962; A.M., 1963
STEPHEN JAMES TELLER, A.B., Roosevelt University, 1962; A.M., 1963
MARGARET JOSEPHINE WEBB, B.A., Wellesley College, 1954; M.A., Miami University, 1963
RUTH LOUISE WIDMANN, A.B., University of Wisconsin, 1963; A.M., 1964

In Entomology

JEAN MARIO MATHIEU, Ing.Agr., Instituto Tecnológico de Monterrey (Mexico), 1958; M.S., 1960

In Finance

AHMAD DAUOD MOHAMMAD ISSA, B.S., M.S., 1962, 1963
RONALD LEON RACSTER, A.B., M.S., 1958, 1962

In Food Science

DOV HARTAL, B.S.Ch.E., Technion, Israel Institute of Technology, 1961; M.S., 1966
ROMEO T. TOLEDO, B.S.Ch.E., University of San Agustin, 1960; M.S., 1965

In French

WILLIAM GRANT HEIGOLD, A.B., A.M., Washington University, 1954, 1956
DONALD JAMES NOLAN, A.B., M.A., State University of New York (Albany), 1960, 1961
SISTER CAROL ANN COLLINS, A.B., Notre Dame College, 1957; A.M., John Carroll University, 1962

In Genetics

RICHARD EUGENE RAYLE, B.S., Michigan State University, 1962

In Geology

WILLIAM WYATT DUDLEY, JR., B.S.E., Princeton University, 1960; M.S., 1962
DARREL EUGENE DUNN, B.S., 1955

KENNETH SUTHERLAND JOHNSON, B.S.(Geol.), B.S.(Geol.E.), M.S., University of Oklahoma, 1959, 1961, 1962
 DONALD RAY LOWE, B.S., Stanford University, 1964
 DETMAR FRIEDRICH SCHNITKER, M.S., University of North Carolina, 1966

In History

LYOYD EUGENE AMBROSIUS, A.B., A.M., 1963, 1964
 MICHAEL FRANCIS FOLEY, JR., B.A., American International College, 1961; A.M., 1963
 WILLIAM GILBERT GARD, A.B., A.M., 1958, 1960
 ALLAN CARL GREENBERG, A.B., Cornell University, 1962; A.M., 1964
 RONALD DEANE RIETVELD, A.B., Wheaton College (Illinois), 1959; B.D., Bethel Theological Seminary, 1962; A.M., 1964
 EKKEHARD-TEJA PETER WILFRIED WILKE, A.B., A.M., 1962, 1963

In Horticulture

STEPHEN AYARS GARRISON, B.S., M.S., Rutgers University, 1960, 1963

In Italian

VALERIA SESTIERI LEE, Laurea in Lettere, University of the Studies of Rome, 1959

In Library Science

CHARLES ALBERT BUNGE, A.B., University of Missouri, 1959; M.S., 1960
 JAMES KRIKELAS, B.S., M.S., University of Wisconsin, 1958, 1959

In Mathematics

STEPHANIE BREWSTER BREWER ALEXANDER, A.B., Mount Holyoke College, 1961; A.M., 1963
 JAMES ALLEN CRENSHAW, B.S., M.S., University of Arizona, 1960, 1962
 VLADIMIR DROBOT, B.S., University of Notre Dame, 1963; M.S., 1964
 MARSHALL MONTEITH FRASER, B.A., Beloit College, 1962; A.M., 1965
 RICHARD SAMUEL HALL, A.B., Albion College, 1962; M.S., 1963
 LELAND KITCHIN MCDOWELL, B.S.E.E., B.S.A.M., North Carolina State University, 1962, 1962; M.S., 1963
 JOHN STEPHEN MONTAGUE, A.B., Pomona College, 1962
 SISTER M. RAYMOND CAPUA HARTY, B.A., Rosary College, 1955; M.S., 1959
 GILBERT LEINBAUGH SWARD, B.A., M.A., Duke University, 1953, 1955
 MARCIA PETERSON SWARD, A.B., Vassar College, 1961; A.M., 1963
 PAUL ROBERT WILSON, A.B., A.M., University of Cincinnati, 1961, 1962

In Mechanical Engineering

ALAN BURGESS DRAPER, S.B., Massachusetts Institute of Technology, 1947; M.I.E., Syracuse University, 1955
 ROSS ORLO McNARY, B.S.M.E., Kansas State University, 1960; M.S., 1962
 ISAAC MOKED, B.Sc.M.E., Ingenieur (Mech.E.), M.Sc.M.E., Technion, Israel Institute of Technology, 1957, 1959, 1963
 SUBBIAH RAMALINGAM, B.Tech.(Hons.), Indian Institute of Technology, 1956; M.S., 1961

In Metallurgical Engineering

FRANK YALE FRADIN, S.B., Massachusetts Institute of Technology, 1963; M.S., 1964

In Microbiology

HARVEY DRUCKER, B.S., 1963
 NORMAN BERNARD HECHT, B.S., Rensselaer Polytechnic Institute, 1962

In Mining Engineering

PAUL HAI-HSING LU, B.E., Hokkaido University, 1945; M.S., 1964
 BALBIR SINGH NARANG, B.S., M.S., 1961, 1964

In Musicology

DAVID EUGENE CRAWFORD, B.A., M.A., University of Kansas, 1961, 1964

In Nuclear Engineering

HENRY THOMAS SAMPSON, B.S.Ch.E., Purdue University, 1956; M.S., University of California (Los Angeles), 1961; M.S., 1965

In Philosophy

STANLEY JACK ODELL, B.A., University of Kansas City, 1960; A.M., 1962

In Physical Education

VICTOR ALEXANDER CORROLL, B.A.P.E., University of Saskatchewan, 1962; M.S., 1965

PAUL STEPHEN FARBY, B.S., State University of New York (Cortland), 1963; M.S., 1964

BURLEIGH DON FRANKS, B.S.E., M.Ed., University of Arkansas, 1960, 1961

DONALD DALE HENKEL, A.B., Indiana University, 1951; M.S., George Williams College, 1955

DONALD JOHN MERKI, B.S., St. Joseph's College, 1955; M.S., 1956

LAWRENCE BARNEY OSCAI, B.S., La Sierra College, 1961; M.S., University of Colorado, 1963

MICHAEL LEE POLLOCK, B.S., University of Arizona, 1958; M.S., 1961

DOROTHY IMOGENE POPEJOY, B.S.Ed., Illinois State University, 1950; M.S.Ed., University of Southern California, 1955

RICHARD ALLEN SCHMIDT, A.B., M.A., University of California, 1963, 1965

MICHAEL ARTHUR SHERMAN, B.S., State University of New York (Cortland), 1961; M.S., 1962

MARCIA JANE SPAETH, B.S., 1950; M.S., University of California (Los Angeles), 1951

SIDNEY BERNARD SWARD, B.S., M.S., 1957, 1958

In Physics

VAN FONKEN WILFORD BLUEMEL, B.S., University of Michigan, 1956; M.S., 1960

RONALD RAY BOURASSA, B.A., Rice University, 1962; M.S., 1964

RICHARD CHARLES BRANDT, B.S., California Institute of Technology, 1962; M.S., 1964

MAGNUS GEORGE CRAFT, B.A., University of Iowa, 1961; M.S., 1963

CHARLES ARTHUR EBNER, A.B., Cornell University, 1962; M.S., 1963

CHARLES ROBERTS FLETCHER, B.A., Rice University, 1961; M.S., 1963

WILLIAM VERNE HASSENZAHL, B.S., California Institute of Technology, 1962; M.S., 1964

ROBERT JOSEPH HECHT, S.B., Massachusetts Institute of Technology, 1958; M.S., California Institute of Technology, 1961

GERALD EUGENE HITE, B.S., Case Institute of Technology, 1962; M.S., 1964

HARRY FREDERICK JORDAN, B.A., Rice University, 1961; M.S., 1963

JAMES PETER KAPLAFKA, B.S., Case Institute of Technology, 1960; M.S., 1962

JOSE KATZ-MASSON, B.S., M.S., 1963, 1964

DAVID CAREY MONTGOMERY, S.B., Massachusetts Institute of Technology, 1960; M.S., 1961

ROBERT JAMES SPRY, B.S., M.S., 1960, 1962

GARY GEORGE TIBBETTS, B.S., California Institute of Technology, 1961; M.S., 1963

JOHN ANDREW TODOROFF, B.S., California Institute of Technology, 1961; M.S., 1963

BYRON ARLEN YOUNG, B.S., Stanford University, 1962; M.S., 1964

In Physiology

KENNETH JAMES KANT, B.Sc.Ed., Ohio State University, 1958; M.S., 1964

ALBERT CHARLES KIRBY, B.S., M.S., Louisiana State University and Agricultural and Mechanical College, 1962, 1963

WILLIAM ELDREDGE PERKINS, B.A., Lawrence College, 1960; M.S., 1962

GERALD KINSEY WEISS, B.A., St. Olaf College, 1962; M.S., 1964

In Plant Pathology

MICHAEL JAMES HEALY, B.S., M.S., 1963, 1965

CLINTON FREDERICK HODGES, B.S., M.S., 1962, 1964

MAHENDRA NATH KHARE, M.Sc., Agra University, 1954
 OLAF NORMAN NESHEIM, B.S., M.S., 1963, 1965
 MAURICE ADOLPH STROBBE, B.S., M.S., Western Illinois University, 1950, 1957

In Political Science

CLARA SAYRE JENSEN, B.A., M.A., University of Florida, 1960, 1961
 FREDERICK BALLARD WILLIAMS, A.B., Muskingum College, 1963; A.M., 1966

In Psychology

CARL HEBSON FREDERIKSEN, A.B., Harvard College, 1963; A.M., 1965
 ELEANOR PUTTERMAN GAER, B.S., University of Wisconsin (Milwaukee), 1959;
 M.S., University of Wisconsin, 1962
 PAUL ALBIN HERZBERG, B.A.(Hons.), Queens College, 1958; A.M., Princeton Uni-
 versity, 1961
 WILLARD DENNIS LARKIN, B.S., University of Michigan, 1959; A.M., University
 of Pennsylvania, 1963

In Sociology

MAX RAYMOND CULVER, A.B., Capital University, 1949; B.D., Evangelical Lu-
 theran Theological Seminary, 1952; A.M., 1955

In Spanish

EDWARD EROS BORSOI, B.S., University of Bridgeport, 1959; A.M., 1964
 ALBERT PHILLIP MATURE, A.B., M.Ed., University of South Carolina, 1956, 1957
 WALTER EDWARD THOMPSON, B.S., A.B., Wayne State University, 1956, 1960;
 A.M., Middlebury College, 1963

In Speech

HELEN HINCHLIFF FRANZWA, A.B., University of California, 1961; M.A., San
 Diego State College, 1963
 MARY EMILY HANNAH, A.B., Grinnell College, 1958; M.A., State University of
 Iowa, 1962
 RUBY ALLEN MURPHY, A.B., Shorter College, 1959; M.Ed., Emory University,
 1960
 JOHN FREDERICK SCHUNK, A.B., A.M., 1964, 1965
 ANDREW TAKAHISA TSUBAKI, B.A., Tokyo Gakugei University, 1954; M.F.A.,
 Texas Christian University, 1961

In Theoretical and Applied Mechanics

THOMAS JOSEPH BANDER, B.S.A.E., M.S.A.E., Purdue University, 1959, 1960
 CLARK REID BARKER, B.S.M.E., Bradley University, 1961; M.S.A.M., California
 Institute of Technology, 1962
 RICHARD BOLTON, B.S., M.S., 1960, 1961
 RICHARD GLENN CARLSON, B.S., M.S., 1963, 1965
 BRUCE ROBERT DEWEY, B.S., M.S., Iowa State University, 1959, 1964
 ROBERT CALVIN HANSEN, Eng.Mines, Colorado School of Mines, 1951; M.S.M.E.,
 Bradley University, 1962
 THOMAS JOON-MOCK KIM, B.S., M.S., Seoul National University, 1959, 1963;
 A.M., Villanova University, 1964
 ROBERT CARL REUTER, JR., B.S., M.S., 1964, 1965
 ROBERT EDWARD ROWLANDS, B.A.Sc., University of British Columbia, 1959; M.S.,
 1964
 DARIUSH SHADMAN, B.S., M.S., 1962, 1964
 BENEDICT CHING-SAN SUN, B.S., National Taiwan University, 1955; M.S., Kansas
 State University, 1959

In Veterinary Medical Science

DENNIS KEITH MANN, B.S., B.S.(Vet.Med.), D.V.M., 1951, 1958, 1960; M.P.H.,
 Tulane University, 1963; M.S., 1964
 JOSEPH EDWARD WAGNER, D.V.M., Iowa State University, 1963; M.P.H., Tulane
 University, 1964

In Zoology

- RUSSELL PAUL BALDA, B.S., Wisconsin State College (Oshkosh), 1961; M.S., 1963
 JOHN DOUGLAS BUFFINGTON, B.S., St. Peter's College, 1963; M.S., 1965
 ROBERT SEICHI HIKIDA, B.S., M.S., 1963, 1965
 CHARLES EDMOND HUBERT, B.S., Savannah State College, 1941; M.S., M.A.,
 Atlanta University, 1948, 1956
 LARRY JACKSON LEAMY, B.S., Eastern Illinois University, 1962; M.S., 1965
 JAMES PATRICK LEHNERT, B.S., A.M., University of Michigan, 1958, 1961
 HAROLD WILLIAM LUNT, B.A., University of California (Santa Barbara), 1956;
 M.S., 1963
 JOHN CHARLES MERTZ, B.S., Delaware Valley College of Science and Agriculture
 (Pennsylvania), 1962; M.S., 1964
 HIROYUKI MORIOKA, B.S., Tokyo University of Education, 1954; M.Sc., Kyoto
 University, 1957
 ROBERT VINCENT O'NEILL, B.A., Cathedral College of the Immaculate Conception,
 1961
 JEROME JOHN PAULIN, B.Ed., Wisconsin State College (Whitewater), 1962; M.S.,
 1963
 DONALD KRAFT UNDERHILL, B.A., University of Minnesota, 1959; M.S., 1963
 JOSEPH JAMES WHITE, B.S., M.S., North Carolina College, 1949, 1950
 JERROLD HOWARD ZAR, B.S., Northern Illinois University, 1962; M.S., 1964

Degree of Doctor of Education*In Education*

- BRUCE RAY ANDERSON, A.B., Wheaton College, 1959; Ed.M., 1962
 LEWIS DARROW HOLLOWAY, B.Ed., Chicago Teachers College-South, 1958;
 M.S.Ed., Drake University, 1960
 MARTIN H. JASON, B.S., Roosevelt University, 1958; M.Ed., Loyola University,
 1962
 FAUSTINE CHILDRESS JONES, A.B., Agricultural, Mechanical and Normal College
 (Arkansas), 1948; A.M., 1951
 JOHN STEPHEN KEMP, B.S., Ed.M., 1957, 1961
 MELVIN MICHAEL LUBERSHANE, B.Ed., Chicago Teachers College, 1948; M.A.,
 Northwestern University, 1952
 THOMAS CHARLES McNAMARA, M.A., Catholic University of America, 1956; B.S.,
 Loyola University (New Orleans), 1960
 ROBERT LOUIS MENDELSON, B.S.Ed., M.Ed., Miami University, 1959, 1962
 MARK EUGENE MILLER, B.S., Ed.M., 1951, 1957
 ROYAL WILLIAM MULHOLLAND, B.S.Ed., Greenville College, 1961; Ed.M., 1962
 GENEVIEVE BERKOWITZ PAINTER, B.S., M.S., 1963, 1964
 RICHARD FRANKLIN POWERS, B.S., Ed.M., 1949, 1952
 JAMES ERNEST SNODDY, B.S., Indiana State Teachers College, 1954; Ed.M., 1961
 LAWRENCE ARTHUR STONEBURNER, A.B., Augustana College, 1956; Ed.M., 1960
 ROBERT CHARLES WALL, B.S.Mus.Ed., Olivet Nazarene College, 1957; Ed.M.,
 Adv.Cert., 1961, 1965
 GARY GRANT WEHLAGE, A.B., Augustana College, 1958; A.M., 1962

In Music Education

- NORA GRETCHEN HIERONYMUS, B.A., State University of Iowa, 1950; M.S., 1954
 HAROLD CLAYTON SLAGLE, B.Mus.Ed., M.Mus., University of Nebraska, 1957, 1958
 ROBERT JOSEPH TULEY, B.M.Ed., M.A.Ed., Murray State College, 1956, 1957

Degree of Doctor of Business Administration

- RICHARD MAX BURTON, B.S., M.B.A., 1961, 1963

Degree of Doctor of the Science of Law

- CALVIN ARNOLD KUENZEL, B.A., J.D., University of Iowa, 1951, 1956; LL.M., 1958

Degree of Doctor of Musical Arts

- GILBERT AMBROSE BRUNGARDT, B.M., Fort Hays Kansas State College, 1955; M.M.,
 Washington University, 1959

GLENN LOREN GLASOW, B.A., M.A., Hamline University, 1947, 1948
 BRUCE MICHAEL GOVICH, B.M.E., Baldwin-Wallace College, 1956; M.M., 1958

Degree of Master of Arts

In Anthropology

JOSEPH VELO, Licenciado, Licenciado, Doctor en Ciencias, Universidad de la Habana, 1955, 1956, 1960

In Comparative Literature

LINDA KAYE PARNELL, B.A., David Lipscomb College, 1966

In Economics

TIMOTHY ALONZO GALLI, B.A., University of Oregon, 1964
 CHARLOTTE PETTY REEDER, B.S., 1963

In Education

MARY ANN VIRGINIA MONTALEONE, B.S.Ed., Illinois State University, 1963
 EDWARD SNOWDEN WOOD III, B.A., Hampden-Sydney College, 1965

In English

BARBARA ANN DURAND, A.B., 1966
 RICHARD LEE HASBANY, B.A., Michigan State University, 1966
 KAREN DELANEY KUEHNLE, B.S.Ed., Eastern Illinois University, 1964

In German

RITA MARGARETE KUMMEL, Dipl., Johann Wolfgang Goethe University, 1965

In History

WENDELL ALLEN BARBOUR, A.B., University of Florida, 1962
 MICHAEL LESLIE BENEDICT, A.B., 1965
 ELDEN BUERKLE, A.B., 1965
 JOHN CLINTON SAWYER, A.B., 1965
 CATHARINE ANNA WALLACE, B.S., Iowa State University of Science and Technology, 1965

In Labor and Industrial Relations

JOSEPH MICHAEL COLLOTON, B.A., Loras College, 1963; LL.B., University of Iowa, 1966
 HIRSH LEVINE, B.S.B.A., M.A., Roosevelt University, 1963, 1965
 STEPHEN JAY NEWMAN, B.A., Long Island University, 1966
 BRADLEY WILLIAM PARLIN, A.B., Indiana University, 1965

In Mathematics

WILLIAM CARROLL AKIN, B.S., Ed.M., Southwest Texas State College, 1950, 1953
 ROBERT ALVAH BLACKERBY, A.B., Hardin-Simmons University, 1956; Ed.M., North Texas State University, 1962
 JULIUS MORGAN BURKETT, B.S., M.S., Northwestern State College (Louisiana), 1961, 1963
 DAVID VERNON DOGGETT, B.S., M.S., Prairie View Agricultural and Mechanical College (Texas), 1959, 1963
 GENE EVANS, B.S., Southeastern State College, 1958; M.S., Oklahoma State University, 1960
 DAVID ALAN GORE, B.S., Northwest Missouri State College, 1963
 LARRY CARL GRUNWALD, B.S., B.S.C.E., M.S., Ohio University, 1957, 1959, 1962
 LINDSAY LARROY HESS, B.S., Montana State College, 1962
 IRVING EUGENE JUSTICE, B.S., M.S., Prairie View Agricultural and Mechanical College (Texas), 1956, 1962
 BETTY WHALEY LEDFORD, B.S., Tennessee Polytechnic Institute, 1952
 LILA CAMPBELL LUBKER, A.B., Indiana University, 1949
 JAMES S. MEADOWS, B.S., Ed.M., East Texas State Teachers College, 1956, 1959
 JOHN NEWTON MUSSER, B.S., Pennsylvania State University, 1960
 WILLIAM AUGUSTUS NIELSEN, A.B., Pomona College, 1943; Ed.M., University of California (Los Angeles), 1949

THOMAS MICHAEL O'LOUGHLIN, B.S., M.S., State University of New York (Albany), 1956, 1960
 E. L. PERRY, JR., A.B., University of Texas, 1961
 ALBERTUS SMITH, B.S., M.S., Notre Dame University, 1940, 1948
 CHARLES LEONARD SMITH, B.S., Rensselaer Polytechnic Institute, 1947; M.S., Syracuse University, 1948; Ed.D., Columbia University, 1964
 SAMUEL LOUIS SOCHIS, A.B., City University of New York, 1952; A.M., Columbia University, 1955
 ANDREW STEPHAN WARGO, B.S., Drexel Institute of Technology, 1959; Ed.M., Temple University, 1964
 WAYNE GRANT WILD, B.S., South Dakota State College, 1940; M.S., University of Wisconsin, 1948

In Philosophy

RICHARD RYAN ADAMI, B.A., Pennsylvania State University, 1964

In Political Science

THOMAS JOHN MICHALAK, B.S., Loyola University, 1963; M.S., 1966
 WILDA WEBBER MORRIS, B.A., American University, 1961
 LINDA PIERZ PIERRET, A.B., Carleton College, 1964

In Psychology

ICEK AJZEN, B.A., Hebrew University, 1967
 RUSSELL KENT DARROCH, B.A., Carleton College, 1966
 DALE WARREN KAESS, A.B., University of Puget Sound, 1964
 MELISSA GALLOWAY KAPLAN, B.A., University of North Carolina (Greensboro), 1964
 RAYMOND HAROLD LEVINE, A.B., Ph.D., Syracuse University, 1961, 1964
 CHRISTINA REINKE WOOD, B.A., University of Colorado, 1965

In Spanish

CATHERINE ANN CHUIPEK, B.A., Adelphi University, 1966

In the Teaching of English as a Second Language

YOSHIKO TSUTSUI McCULLOUGH, B.A., Aoyama Gakuin University, 1952; M.Lit., Waseda University, 1956; M.A., University of Utah, 1962; A.M., 1965

In the Teaching of German

JACOB STEIGERWALD, A.B., 1965

Degree of Master of Science

In Accountancy

MOUSTAFA FAHMY ABDEL-MAGID, B.Comm., Alexandria University, 1962
 IRVIN NORMAN GLEIM, B.S., 1965

In Advertising

ERNEST ROGERS ANDERSON, JR., A.B.J., University of Georgia, 1966
 JERRY JAY BELSON, B.S., 1960
 DARROUGH BLAINE DIAMOND, B.S., 1963
 THOMAS KIRK LAUTERBACK, B.A.J., Drake University, 1966
 ROBERT ALLEN MARK, B.A., Northwestern University, 1965
 ALFRED JAMES MILLER, A.B., University of North Carolina, 1964

In Aeronautical and Astronautical Engineering

GERLINA LOUISE KELTNER, B.S., 1964

In Agricultural Economics

ELDON DEAN BALDWIN, B.S., Ohio State University, 1963
 DOUGLAS EARL HORTON, B.S., 1966

In Agricultural Engineering

DON DENNIS JONES, B.S., 1966

In Agronomy

LARRY GENE BUNDY, B.S., 1966

In Astronomy

MILDRED ANNE MCKEE NICKAS, B.S., Ohio State University, 1964

In Biology

KAY-LEE HUANG, B.S., Purdue University, 1966

LINDA HOUSE MEISS, B.A., University of Delaware, 1965

In Chemical Engineering

SHUN KWEI FUNG, B.S., University of California, 1966

WALTER LEWIS HEITZ, B.S.Chem.E., Stanford University, 1965

DANIEL BEVERLY MOWREY, B.Chem.Engr., Georgia Institute of Technology, 1965

STANLEY ALAN VEJTASA, B.S., University of Minnesota, 1965

KIN FAI WONG, B.S.E., Arizona State University, 1965

In Chemistry

FRANCES STOLTZ WALKER, B.S., Brown University, 1965

CHUNG-CHANG YOUNG, B.S., National Taiwan University, 1964

In Dairy Science

RONALD EDWARD DEBATIN, B.S., 1966

In Dairy Technology

SABAH FEKHRI AL-KISHTAINI, B.Sc., University of Baghdad, 1959

ARACELI LAVARES DOLENDO, B.S., University of Santo Tomas, 1940; M.S., Adamson University, 1949; M.S., University of California (Davis), 1963

In Education

EMILY CATHERINE HERRMANN, A.B., Shimer College, 1963

GERALDINE JOY FEINSTEIN LIEBERMAN, B.S., 1957

In Electrical Engineering

GORDON WAYNE DAY, B.S., 1966

ROBERT WAYNE HECHT, B.S., 1965

DAVID LEE KEUNE, B.S., 1966

PHILLIP HENRY MELAMED, B.S., 1965

RAYMOND CARL RUNQUIST, JR., B.S., 1966

LAWRENCE DAVID RYAN, B.S., University of Notre Dame, 1965

HERMAN CHARLES SIEVERING, B.S., 1966

In Finance

STEPHEN ROBERT NICHOLS, B.A., Simpson College, 1963

In Forestry

LESTER EUGENE ARNOLD, B.S., 1966

WILLIAM JAMES SEDLACEK, B.S., 1965

In Health Education

VICTOR BERNARD KARABIN, B.S.Ed., West Chester State College, 1966

DELMAR JOE STAUFFER, B.S., 1963

In Home Economics

BARBARA ELIZABETH HAYCOOK, B.S., Cornell University, 1963

DIAN HUFFMAN LINK, B.S., Purdue University, 1964

In Journalism

WILLARD DAVID BECKENHOLDT, B.S.A., University of Arkansas, 1962

KAREN LUCAS HASMAN, B.S., 1963

MARK WILLIAM HEISLER, A.B., 1965

JANE WESTCOTT PHILLIPS, A.B., 1965

RUSSELL EARL SHAIN, A.B.J., University of Kentucky, 1966

In Library Science

KAY MARYON BAKER, B.A., University of Denver, 1964

In Marketing

WILLIAM RAYMOND GILDHAUS, B.S., 1962

In Mathematics

JAMES HERBERT CRUMP, A.B., Elon College, 1957; A.M., Appalachian State Teachers College, 1961

ROBERT DONALD CULLUM, B.S., 1966

LORENZO LYMAN FLAKE, B.S., University of Utah, 1950; A.M., Arizona State University, 1961

LANNY ERTON GRIGSBY, B.S., Buena Vista College, 1960

LARRY L. HOFELDT, A.B., A.M., University of South Dakota, 1960, 1961

JOHN JOSEPH LOWRY, B.S., United States Military Academy, 1947; A.M., California State Polytechnic College, 1963

RONALD LEE McBRIDE, B.S., A.M., Bowling Green State University, 1961, 1962

FABIAN LEE OLSON, JR., B.A., Cornell College, 1966

EDWIN MERRILL SPECHT, B.S., Drake University, 1949; A.M., San Diego State College, 1954; Ed.D., University of California (Los Angeles), 1961

EDWARD AMIS STRALEY, B.S., Ferris State College, 1961; A.M., Central Michigan University, 1962

HARRY WASHINGTON III, A.B., Talladega College, 1949; A.M., New York University, 1952

NORMAN LOWELL WYKOFF, A.B., Hanover College, 1956; A.M., University of Louisville, 1961

In Metallurgical Engineering

JAMES DE CHANT, B.S., 1966

JOHN MAURICE LARKIN, B.S., University of Missouri Schools of Mines and Metallurgy, 1961

ROBERT WILLIAM SPOR, B.S., Carnegie Institute of Technology, 1964

In Music Education

LAWRENCE CHRISTIANSEN, B.S., University of Wisconsin (Milwaukee), 1964

EILEEN LOUISE HANSON, B.S., 1966

CAROL MILLER, B.A., Queens College (New York), 1966

ROBERT DALE MOREEN, B.S., 1965

In Nuclear Engineering

HARRY GENE STOLL, B.S.E.E., Newark College of Engineering, 1966

In Physical Education

LEONARD OLIVER GRENINGER, B.S.Ed., Southwest Missouri State College, 1966

MICHELE MAE HORNYAK, B.S., Kent State University, 1966

HUGH JAMES INGLIS, B.S., Boston University, 1966

SANDOR MOLNAR, Dipl.P.E., University of Otago, 1960

RICHARD ANDREW NESS, B.S.H. & P.E., University of New Mexico, 1966

In Radio and Television

GEORGE GREGORY TAUBENECK, B.S., 1964

In Recreation

RAYMOND JOSEPH PUZIO, B.S., Seton Hall University, 1958; B.S., 1965

In Sanitary Engineering

FRANK HAMILTON DONALDSON, B.S.C.E., University of Maryland, 1963

In Theoretical and Applied Mechanics

DAVID COOK, B.S., Southern Methodist University, 1964

CARL EDWARD JASKE, B.S., B.S.(Eng.), 1966, 1966

WILLIAM JOHN KOVES, B.S., 1966
 MARTIN HOWARD SADD, B.S., 1966
 TOM RANDOLPH SIMOVICH, B.S., Stanford University, 1965; B.A., Claremont Men's
 College, 1965

In Veterinary Medical Science

EUGENE ROY BORMAN, B.S., D.V.M., University of California (Davis), 1962, 1964

In Zoology

ARNOLD RALPH BRODY, B.S., Colorado State University, 1965

RONALD HERBERT COHN, 1965

RAYMOND ELMER SCHROEDER, B.S., Wheaton College, 1965

Degree of Master of Music

DON DWIGHT OWENS, B.M., North Texas State University, 1964

Degree of Master of Education

CAROL NOLL BURDEN, B.S., Lewis & Clark College, 1958

ROBERT CHARLES FISCHER, B.S., 1965

PHYLLIS GIBBONS GREINWALD, B.S., A.M., New York University, 1947, 1950

ANNA WILLIAMS HEDGE, A.B., 1942

SHERWOOD LEIGHTON JACKSON, B.S., 1944

JEFFREY CHARLES LOUTHAIN, B.S., 1966

NAOMI MEYER, B.S., 1951

KATHLEEN MARY MOODY, A.B., Goucher College, 1963

JAMES WILLIAM PITTS, A.B., McKendree College, 1964

KARIN BREAUX WALSH, B.A., Miami University, 1965

JUDITH AUGUSTINE WILLIAMS, A.B., 1963

Degree of Master of Social Work

FRANCES MARGUERITE GOLDING, B.A., Beloit College, 1955; Ed.M., 1964

DOROTHY SINNWELL YOGGERST, B.S., Texas Woman's University, 1962

Degree of Master of Fine Arts

In Painting and Printmaking

RUSSELL BRINTON CROCKER, B.F.A., Maryland Institute, 1965

Degree of Master of Business Administration

WENDELL ROBERT JENO, B.S., 1965

JAMES MICHAEL KOEPKE, B.S., 1965

ROGER MERRILL WAHL, B.S., 1966

Advanced Certificate

In Education

SUZANNE FULTON CAREY, B.S., Indiana University, 1956; M.A., Butler University, 1965

ISABELLE WOLFORD HENDERSON, A.B., Duke University, 1940; Ed.M., Wayne State University, 1962

WARREN WAYNE LIONBERGER, B.S., Eastern Illinois University, 1956; Ed.M., 1961

DIANA KAY TEEL, B.S., Ed.M., 1964, 1966

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

RICHARD PETER GOULETTE

RICHARD ALLEN WILKENING

PHILIP LEE LEMAN

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aeronautical and Astronautical Engineering*

DANNY RAMON BASSO

In Electrical Engineering

DONALD EDWARD RENAUD

ROBERT MICHAEL TREANOR

In Metallurgical Engineering

THOMAS JOHN REDVAY

COLLEGE OF LIBERAL ARTS AND SCIENCES**Degree of Bachelor of Arts***In Liberal Arts and Sciences*

CARL ARTHUR ADLER

ELLEN NICHOLS RUCH

LAWRENCE EDWIN BEST

SARA LEE SEGAL

JAMES EDWARD BIDWILL

THERESE MARIE SEILER, Honors in

ANNETTE BROH

Liberal Arts and Sciences

DAVID LEE BURKE

ROBERT MARTIN SHAIR

CHRISTINE HOLTZ CHEATOM

CATHERINE LOIS SHERWIN, Honors in

KATHLEEN Jo CHECKER

Liberal Arts and Sciences

MARY GAY GREEN GANTVOORT

DREW MERRIT SIEBEN, Honors in

JUDAH LEON GRAUBART

Liberal Arts and Sciences

RICHARD JOHN JOLLY, Honors in

CONSTANCE LEE MATHEWS STOHL

Liberal Arts and Sciences

RONALD MARK SWARTZ

LAWRENCE STEVENS KLEPP, Honors in

THOMAS ROGER TAYLOR

Liberal Arts and Sciences

BARBARA ANN VIERLING

CAROL BARTUSIAK LINK

KENNETH T. WASSERMAN, Honors in

MERLE NEWMAN

Liberal Arts and Sciences with Dis-

JEREMIAH PATRICK O'CONNOR

tinction in Political Science

SUSAN DALE PARLIN

DAVID HOWARD WEINER

LINDA ANN WEISS PARRISH, Honors in

DANIEL PAUL WINDSOR, Honors in

Liberal Arts and Sciences

Liberal Arts and Sciences

BURTON JAMES PATRICK

DAVID CLARENCE WOODS

PETER STEVEN PEARLMAN

KAREN LYNNE ZAGEL

DONALD CHARLES ROCKE

In the Teaching of English

DONNA MAE WIESE

In the Teaching of Social Studies

JILL HORN MARSHALL, Honors in Liberal Arts and Sciences

NANCY LEE SCOTT

Degree of Bachelor of Science*In Chemical Engineering*

STEPHEN ALLEN LINGLE

In Liberal Arts and Sciences

PHILIP WARREN ALBRECHT, Honors in

WALTER JOHN HURST

Liberal Arts and Sciences

DENNIS HENRY MICHALSKI

WILLIAM PETER CODAK

JACK MORGAN

WILLIAM JACKSON FRAZEE

ROBERT MICHAEL ORMAN

WILLIAM GARY HARLOW

JUDITH LYNN WEINTRAUB

JOHN LAURENCE HARSH

COLLEGE OF LAW**Degree of Juris Doctor**HOWARD STUART CHAPMAN, B.S., 1963;
Honors

MARSHALL KOLODENKO, B.S., 1963

CHESTER RAYBURN KELLER, B.S., 1965

LAWRENCE ELBERT MAUS, B.S., 1964

ROBERTA MARIE KILEY, B.S., University
of Wisconsin, 1964

RALPH JULIAN MENDELSON, A.B., 1965

COLLEGE OF EDUCATION**Degree of Bachelor of Science***In Elementary Education*

ROBERTA FERM BENDER, High Honors PEARL BEATRICE KELLY

In Secondary Education

KAREN JOHANNA KRESL KATHLEEN MANNINEN WILSON

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Accountancy*JAMES WALTER DZIELAWA JOHN COVEY LERE
LARUE BRIAN HIGHSMITH*In Finance*

NEIL OWEN DAHLMANN

In Industrial Administration

RALPH MONTRIMAS, JR.

In Management

JEFFERY JOHN JENSIK

In Marketing

ROGER ADELL ELAINE KOUROUPAS

COLLEGE OF JOURNALISM AND COMMUNICATIONS**Degree of Bachelor of Science***In Communications*LEONARD MARTIN FARINA ROBERT ALLEN WALKA
JENNY JONES VAN TREESE**COLLEGE OF FINE AND APPLIED ARTS****Degree of Bachelor of Architecture**MICHAEL GAYLORD COAN MARIA PERGILOUDAKI
VERNE JUDSON KNOLL, High Honors GERALD ROBERT SCHMIDT**Degree of Bachelor of Fine Arts***In Art Education*

LYNDA SUE DAUTENHAHN CELIA MARY KONRAD, Honors

In Industrial Design

JAMES VERNON SMITHSON

Degree of Bachelor of Landscape Architecture

THADDEUS WALTER TECZA

Degree of Bachelor of Science*In Music Education*

JAMES ROBERT FRIGO

COLLEGE OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Physical Education*

ALICE ROSS MARSCIN

In Recreation

BONNIE SUE KOHLENBERGER

REGULAR MEETING RECESSED

President Johnston stated that the regular meeting of the Board would be recessed and that a meeting of the Committee on Buildings and Grounds had been called. He further stated that an executive session had been requested and was being ordered following the committee meeting for consideration of recommendations relating to property acquisitions and pending litigation.

EXECUTIVE SESSION

When the Board reconvened, the same members of the Board, officers of the Board, and officers of the University as recorded at the beginning of these minutes were present.

The Board considered the following recommendation from the President of the University.

**ACQUISITION OF LAND FOR RUNWAY EXTENSION
AT UNIVERSITY OF ILLINOIS-WILLARD AIRPORT**

(29) The Board of Trustees has previously authorized (meeting of July 26, 1967) condemnation of certain real estate at the northwest end of Runway 13-31 for a "clear zone approach" and runway extension to 6500 feet (from the present 5300 feet) for use as an instrument runway at the University of Illinois-Willard Airport. It now has been determined that the University's acquisition of additional land at this time will be in its best interests and is necessary and desirable for the current operations of the airport and its future expansion.

Representatives of the University have conducted negotiations with the owner of the land, but the owner has refused to sell for a price which the officials of the University consider fair and reasonable and representative of its present market value.

Therefore, the Director of the Institute of Aviation and the Vice-President and Comptroller recommend that the property be condemned through exercise of the power of eminent domain and request the adoption of the following resolution, which resolution will supersede the action of the Board of Trustees on this matter at its July 26, 1967, meeting, and further request authorization of settlement of the condemnation suit if such settlement can be effected at a price that is within the appraisals received by the University.

I concur.

**Resolution Authorizing Condemnation of Property Adjacent to Northwest
End of Runway 13-31 University of Illinois-Willard Airport**

Be It, and It Hereby Is Resolved, Found and Declared by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following-described property situated in the County of Champaign, in the State of Illinois, to-wit:

A parcel of land situated in the State of Illinois, the County of Champaign and being a part of the West One-half (W ½) of Section Three (3), Township Eighteen North (T-18-N), Range Eight East (R-8-E) of the Third Principal Meridian (3rd P.M.) and being more fully bounded and described as follows:

Beginning at the Southeast corner of the Northwest One-Quarter (NW ¼) of said Section Three (3), said corner being marked by a corner post; thence Northerly along the East line of said Northwest One-Quarter (NW ¼) a distance of 2804.72 feet to a corner in the North line of said Northwest One-Quarter (NW ¼), said corner being marked with an iron pipe monument; thence Westerly along the North line of the Northwest One-Quarter (NW ¼) of said Section Three (3), a distance of 1525.46 feet to a corner, said corner being marked with an iron pipe monument; thence Southeasterly along a line parallel to the Centerline of Runway 13-31 extended, a distance of 234.78 feet to a corner, said corner being marked with an iron pipe monu-

ment; thence Southwesterly along a line forming an angle of 90°-00' to the right with a prolongation of the last described course, a distance of 1750.00 feet to a corner, said corner being marked with an iron pipe monument; thence Southeasterly along a line parallel to the Centerline of Runway 13-31 extended, a distance of 2811.86 feet to a corner in a fence marking the West property line of the University of Illinois-Willard Airport, said corner being marked with an iron pipe monument; thence Northerly along the said West property line a distance of 596.66 feet to a corner in the South line of the said Northwest One-Quarter (NW ¼), said corner being marked with a corner post; thence Easterly along the said South line a distance of 704.31 feet to the point of beginning; said parcel containing 129.06 acres more or less.

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois for use as a clear zone approach and runway extension at the Northwest end of runway 13-31 for the University of Illinois-Willard Airport and for other educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use, that funds are available to the University for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owner of said land for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owner has refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois, for such price and continues to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owner of said property and she and it are unable to agree upon the purchase price to be paid to said property owner for the sale and conveyance of said land by said owner thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owner thereof for such land cannot be agreed upon between her and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owner thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of said title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Johnston, Mr. Jones, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

On motion of Mr. Swain, the Board adjourned.

EARL W. PORTER
Secretary

WAYNE A. JOHNSTON
President

LUNCHEON GUESTS

Representatives of the faculty and of the students at the Medical Center campus, the Executive Director of the Illinois Building Authority, Cook County Superintendent of Schools, General Superintendent of Schools in Chicago, and the President of the Association of Suburban Conferences were guests of the Board at luncheon and were introduced. The Chairman of the Illinois Building Authority was unable to attend the luncheon but attended the meeting and was introduced at that time.

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

November 10, 1967



The November meeting of The Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Friday, November 10, 1967, beginning at 9:00 a.m.

President Wayne A. Johnston called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Theodore A. Jones, Mr. Harold Pogue, Mr. Timothy W. Swain. Governor Otto Kerner, Mr. Ray Page, and Dr. James A. Weatherly were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor Jack W. Peltason, University of Illinois at Urbana-Champaign; Vice-President Eldon Johnson; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, Legal Counsel; Mr. George H. Bargh, Executive Assistant to the President; Mr. Vernon L. Kretschmer, University Associate Director of Physical Plant Planning and Construction; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Associate Professor H. J. Stein, Chicago Circle Senate Committee of Observers; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant, Urbana; Mr. Eugene S. Pitcher, Assistant to the Director of the Physical Plant, Urbana; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. R. R. Manchester, Treasurer, and Dr. Earl W. Porter, Secretary.

TO DAVID D. HENRY

President Johnston took note of the election, on October 25, 1967, of President David D. Henry as President of the Association of American Universities for a two-year term, and presented the following resolution which was unanimously adopted:

Be It Hereby Resolved that The Board of Trustees of the University of Illinois regards this election as a signal honor not only to President Henry personally and to his outstanding career of leadership in higher education, but also as a matter of distinction for the University of Illinois and for the State of Illinois which benefits so greatly from the University of Illinois' accomplishments and from its forward-looking programs so ably directed by Dr. Henry.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

NEW CAMPUS PLANNING

(1) The President of the Board called on President Henry to make a report to the Trustees on the planning of new campuses in Illinois. President Henry presented the following statements.

Comments Regarding the Status of Deliberations of the Board of Higher Education Special Committee on New Senior Institutions

By President David D. Henry

A final report from the Board of Higher Education Special Committee on New Campuses is not yet available. We do have in hand, however, a document outlining the views and recommendations of Dr. Lyman Glenny, the Executive Director, and I should like to comment upon it.

Dr. Glenny's recommendation to the Special Committee concerning program and site for the proposed new campus in the Chicago area differs somewhat from the proposal submitted by the University of Illinois. We regret that no special mandate is given the new institution to see what it can do as a laboratory in exploring new concepts in curriculum and procedures, particularly with reference to students from disadvantaged backgrounds. At the same time we are glad the University of Illinois effort in this direction is so strongly endorsed. In general, we can only say that the decision as to priorities in program offerings and in location is a matter of judgment and that we are not disposed to argue the case made by the University beyond the statement made to the Board of Higher Education Special Committee on Senior Colleges on October 16, 1967.

With reference to the Springfield campus, I am disappointed that Dr. Glenny has proposed such a limited program. I repeat our deep conviction that this campus should be viewed as a high level University center of distinction with a special mission, as well as a senior college for transfer students. The University of Illinois proposal for Springfield takes into account both functions and is prepared strongly to advance this concept.¹

From the statement of the Executive Director and its discussion, we identify three other general points which are central in the decision on governance of the Springfield campus.

1. The University of Illinois definition and application of the concept of a "free-standing" campus within a University system appears to be endorsed. The paper describes "free-standing" as meaning that each institution "would have a chief campus officer, a faculty senate and other institutional bodies with a high degree of academic and administrative autonomy. Such autonomy is deemed necessary to be closely related to the community and responsive to its needs."

¹ See October 16, 1967, minutes of the Board of Trustees.

We believe that the chancellorship organization of the University of Illinois fully meets this definition.

2. The meaning of "typology" remains to be defined — and, more importantly, the policy governing *application* of "typology" as a criterion for assignment of governance remains to be analyzed and justified in specific terms.

Obviously, a new campus should be aligned with the objectives and capabilities of the University system of which it is a part. *We consider that the Springfield campus not only would be in harmony with the objectives and capabilities of the University of Illinois but that the University system at this time is uniquely qualified for the task of developing the kind of educational institution the people of Illinois should have in their State capital.*

3. Dr. Glenn refers to a "balance of systems." This phrase also requires definition and, once defined, a rationale for its application. If the basis for balance is enrollments, or budgets, or number of campuses, some analysis must be made of true comparability. We believe, for example, that emphasis upon upper division and graduate work in the fundamental fields of learning and high level professional education (with research and public service functions related to these fields) is the key identifying characteristic of the University of Illinois. Costs will vary by levels, and enrollments must be viewed in relationship to mission. The Medical Center campus of the University of Illinois is small compared to the other campuses and its costs are related to its unique work; yet, it is most appropriately a part of the University of Illinois system. We believe that the Springfield campus, with its location in the State capital, merits program planning which includes but looks beyond the needs of junior college transfer students and has educational meaning for the State as a whole.

Further, the people of Illinois are entitled to know whether the University of Illinois is to be used in the program of expansion of new campuses—as has been done in California, Wisconsin, New York, North Carolina, and Missouri—or whether the University is to be excluded from this use of its capabilities because of an arbitrary and educationally irrelevant concept of "balance of systems."

The controlling concern should be how the public interest, especially the educational needs of Illinois youth, can best be served. We believe that the prompt and efficient development of a campus of high quality, as a part of the University of Illinois system, is in the interest of the State, the students, the community of Springfield, and the people of Illinois.

A further comment on

Why the University of Illinois in Springfield?

By President David D. Henry

Quality institutions of higher education are built upon wise and insightful planning, capable administration, academic prestige, and professional resources needed to accomplish goals.

The University of Illinois has had a long and meaningful relationship to higher education in the Springfield area. Since 1937 credit courses at both graduate and undergraduate levels, (including a Master's Program in Public Administration), as well as noncredit courses, short courses, conferences, institutes, training programs, and special classes for federal and state employees, have been offered in Springfield. In 1941 a field representative of the Division of University Extension was assigned to the Springfield area and in 1947 a resident field representative was assigned to Springfield. In 1966-67 the University offered instructional work to 1,400 residents in a variety of courses. An additional 1,248 were enrolled in specialized programs.

Over the years, the University has participated in studies of the needs of education, especially higher education, in the Springfield area. It has loaned the services of faculty and administrative staff to compile data which now have been analyzed and interpreted in preparation of the University's plan for an institution in Springfield.

The Plan. When the Committee assigned by the Board of Higher Education to make recommendations on site, program, and governance held hearings October 16, 1967, the University of Illinois presented a specific and detailed plan for

the Springfield institution. This plan not only is forward looking but indicates the depth of consideration which the University has given "to reflect the needs of the next century rather than simply the most pressing needs of the next decade."

Educational Autonomy. The Master Plan for the State of Illinois calls for, and interested citizens of Springfield desire, an institution which will be educationally autonomous. The University of Illinois, with its system of chancellors and educational autonomy for three existing campuses, can offer the Springfield campus the kind of governance which will be most acceptable to all concerned.

If the University were assigned the task of developing the new institution in Springfield, a chancellor would be appointed and other appropriate administrative officers selected without any administrative control from the other campuses. The general administrative officers of the University are equally concerned with the interests of *all campuses* and do not direct operations at any of them. Further, a local advisory committee would be established immediately, to reflect community as well as statewide interests in planning and continuing developments.

Prestige. Even though educationally autonomous, the new campus would immediately benefit from the prestige which the University of Illinois has built over its one hundred-year history. This point is of vital concern in meeting the greatest single task any new institution must face; that is, recruitment of an able and distinguished faculty in an era in which there is great competition for scholars and scholarly achievement. The University of Illinois at Chicago Circle has made enormous strides in assembling a first-rate faculty because it is a part of the University of Illinois system.

Resources. The University of Illinois system has the kind of academic resources in every area which are needed for prompt and effective activation of a new campus. On its faculty and staff is the expertise needed now to assist in planning an educational program and to devise and construct in the most efficient way, the kind of physical plant which will get the most from dollars the State of Illinois appropriates.

Trusteeship. The University of Illinois is governed by a Board of Trustees chosen by the electorate of the state who serve as representatives of the complete citizen population of the State of Illinois. No other university system in Illinois is so constituted. It is most fitting that an institution in the State Capital be governed by a Board of Trustees representing the people of the entire commonwealth and chosen by them.

On motion of Mr. Jones, the Board gave its approval and endorsement to the comments as representing the position of the University of Illinois on this matter.

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 Illinois Accountancy Act of 1943, as amended, 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>
ERNEST EDMOND BARTHOLOMEW	South Holland, Illinois	Indiana
WILLIAM JOSEPH BIRCHLER	Brentwood, Missouri	Missouri
STANLEY JOHN MENGWASSER	Ferguson, Missouri	Missouri
ARTHUR ADOLPH RENTZSCH	Peoria, Illinois	Iowa
DAVID WHITCOMB REWICK	Barrington, Illinois	California
HAROLD LEROY WRIGHT	Lake Zurich, Illinois	Oregon and Washington

I concur.

On motion of Mr. Swain, these certificates were awarded.

**APPOINTMENT TO THE BOARD OF DIRECTORS
OF THE ATHLETIC ASSOCIATION**

(3) With the concurrence of Chancellor Jack W. Peltason, I recommend that Associate Professor William A. Ferguson be appointed to complete the term of Professor Paul R. Shaffer as a member of the Board of Directors of the Athletic Association of the University of Illinois to become effective immediately and to continue until the next annual meeting of The Board of Trustees of the University of Illinois in 1968, or until the successors of these directors have been appointed. Professor Shaffer has asked to be relieved of this service due to an extended leave of absence from the University to accept an assignment with the Office of International Science Activities of the National Science Foundation.

On recommendation of Mr. Swain, this appointment was approved.

HEADSHIP OF DEPARTMENT OF GEOLOGY, CHICAGO CIRCLE

(4) The Dean of the College of Liberal Arts and Sciences, the Dean of Faculties, and the Chancellor at Chicago Circle recommend the appointment of Dr. Werner H. Baur as Associate Professor of Geology on indefinite tenure and as Head of the Department on an academic year service basis, beginning November 1, 1967, at an annual salary of \$17,500, divided: \$16,500 as Associate Professor and \$1,000 as Head of the Department.

Professor Baur served as Acting Head of the Department during the 1966-67 academic year.

The Dean of the Graduate College and the Executive Vice-President and Provost concur in this recommendation.

I recommend approval.

On motion of Mr. Hughes, this appointment was approved.

APPOINTMENTS TO THE FACULTY

(5) 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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A — indefinite tenure; P — indefinite term appointment for part-time service only; B — two years; D — one year; E — nine months from the beginning of the academic year; G — special tenure; Q — initial term appointment for Professor or Associate Professor; Y — twelve months' service required instead of two semesters; 1-7 — indicates the number of years of service which will be credited at the end of the contract period toward completion of the probationary period relating to tenure; T — terminal appointment, accompanied with or preceded by notice of non-reappointment.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

Chicago Circle

1. WILLIAM H. BOGARTZ, Visiting Associate Professor of Psychology, for the academic year 1967-68 (D), at a salary of \$12,200.
2. DJAIRO DE FIGUEIREDO, Associate Professor of Mathematics, beginning September 1, 1967 (A), at an annual salary of \$14,000.
3. MARY ANGELA DIVITO, Assistant Professor of Physical Education for Women, beginning September 1, 1967 (1), at an annual salary of \$10,000.
4. MATAM P. MURTHY, Visiting Associate Professor of Mathematics, for the academic year 1967-68 (E), at a salary of \$12,000.
5. KESHAV C. SEN, Visiting Assistant Professor of Economics, College of Business Administration, for the academic year 1967-68 (D), at a salary of \$12,000.
6. WILLIAM R. TAYLOR, Visiting Professor of History, on one-half time, for the academic year 1967-68 (E50), at a salary of \$9,500.
7. CHARLES A. TESCONI, JR., Assistant Professor of Education, beginning September 1, 1967 (3), at an annual salary of \$10,000.

8. NAOMI L. TILLMAN, Assistant Professor (1), and Assistant to the Assistant Director of the School of Social Work (D), in the Jane Addams Graduate School of Social Work, beginning September 1, 1967, at an annual salary of \$10,500.
9. PAUL ZIFF, Professor of Philosophy, beginning February 1, 1968 (A), at an annual salary of \$24,000.

Medical Center

10. RUY V. LOURENCO, Associate Professor of Medicine, College of Medicine, on three-fourths time, beginning August 1, 1967 (PY75), at an annual salary of \$12,000.
11. ARPAD PUSZTAI, Visiting Associate Professor of Biological Chemistry, College of Medicine, for eight months from January 1, 1968 (DY), at a salary of \$9,333.
12. ALFRED W. VON SMOLINSKI, Assistant Professor of Pharmaceutical Chemistry, College of Pharmacy, beginning September 1, 1967 (1), at an annual salary of \$12,000.
13. RILEY DONALD WOODSON, Assistant Professor of Surgery, College of Medicine, beginning September 5, 1967 (1Y), at an annual salary of \$20,000.

Urbana-Champaign

14. HANAFI K. FARAHAT, Visiting Associate Professor of Mathematics, for the academic year 1967-68 (E), at a salary of \$13,000.
15. ELIEZER KAMON, Assistant Professor in Recreation and Park Administration and in Physiology and Biophysics, beginning September 1, 1967 (TY), at an annual salary of \$11,000.
16. DANIEL B. MEADOR, Assistant Professor of Pomology Extension, Department of Horticulture, beginning November 1, 1967 (1Y), at an annual salary of \$12,900.
17. JAMES M. MEYER, Visiting Assistant Professor of Chemistry, for two years from September 1, 1967 (B), at an annual salary of \$9,000.
18. KENJI NAEMURA, Visiting Assistant Professor of Computer Science, for one year from November 1, 1967 (FY), at a salary of \$11,000.
19. TERRY U. O'BANION, Assistant Professor of Higher Education, Department of Secondary and Continuing Education, beginning September 1, 1967 (1), at an annual salary of \$13,500.
20. CURTIS ONEAL PEDERSEN, Assistant Professor of Mechanical and Industrial Engineering, beginning September 1, 1967 (1), at an annual salary of \$12,500.
21. OLGERTS PURAVS, Assistant Professor of English, beginning September 1, 1967 (1), at an annual salary of \$9,000.
22. JEANETTE M. SATO, Supervisor of Occupational Therapy and Special Services, with rank of Assistant Professor, in the Division of Rehabilitation-Educational Services, College of Physical Education, beginning November 1, 1967 (1Y), at an annual salary of \$11,400.
23. GEORGE A. SKIADARESSIS, Visiting Professor of Urban Planning, for six months from March 1, 1968 (G), at a salary of \$8,200.
24. TIMOTHY H. TOPPER, Visiting Research Associate Professor of Theoretical and Applied Mechanics, College of Engineering, for eight months from January 1, 1968 (DY), at a salary of \$8,800.
25. MARILYN WILKINS, Assistant Professor of Psychology, on one-third time, and Research Assistant Professor in the Institute of Communications Research, on two-thirds time, beginning September 1, 1967 (T), at an annual salary of \$10,000.
26. SIDNEY M. STAFFORD, Business Manager, beginning November 1, 1967 (BY), at an annual salary of \$17,000.

On motion of Mr. Grimes, these appointments were confirmed.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES, URBANA

(6) The Executive Vice-President and Provost, the Vice-President and Comptroller, and the Chancellor of the Urbana Campus recommend the following non-recurring appropriations from the Urbana-Champaign General Reserve:

Office of the Chancellor

Office of Instructional Resources, to match funds for a grant for Campus-Wide Closed Circuit Television received from the United States Office of Education under Title VI of the Higher Education Act of 1965.....\$19 980 00

College of Engineering

Department of Mechanical and Industrial Engineering, to supplement a matching grant received from the National Science Foundation under the Instructional Scientific Equipment Program..... 13 200 00

Total\$33 180 00

I concur.

On motion of Mr. Swain, these appropriations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

PROPOSED CONSTRUCTION OF CENTRAL RECEIVING WAREHOUSE, URBANA

(7) The design of a proposed Central Receiving Warehouse to be located on a site approximately 200 feet south of Florida Avenue and east of the Illinois Central railroad tracks was approved by the Committee on Buildings and Grounds on September 20, 1967. This facility will provide space for Office Supply Stores, a Central Receiving Station, General Chemical Stores, and office space for the Central Receiving Station. Completion of construction will allow the consolidation of warehouse facilities now distributed about the campus in seven separate locations.

The building will be a one-story brick veneer steel frame building with a total area of 62,000 gross square feet. Construction will be in two phases, the first to consist of approximately 38,500 gross square feet with an estimated cost of \$454,000. The second phase will be constructed as additional funds are made available.

The project will be funded from state capital appropriations to the University (\$280,000) and from institutional funds (\$174,000).

Formal approval of the design and construction of this facility is requested, subject to approval by the State Board of Higher Education.

On motion of Mr. Hahn, this design and construction were approved as requested by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

CONTRACT FOR MODERNIZATION OF ELEVATOR IN EAST CHEMISTRY BUILDING, URBANA

(8) The President of the University recommends award of a contract to the Dean Evans Co., Champaign, for modernization of the elevator in the East Chemistry Building, Urbana-Champaign campus, the award being to the lowest bidder in accordance with the estimated fee payments based on the following percentages bid for contractors' fees:

<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
5	33	2	\$2 940 00	\$64 940 00

Funds are available in state capital appropriations and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Clement, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes,

Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**CONTRACT FOR MODERNIZATION OF ELEVATOR
IN SMITH MEMORIAL HALL, URBANA**

(9) The President of the University recommends award of a contract to the Dean Evans Co., Champaign, for modernization of the elevator in Smith Memorial Hall, Urbana-Champaign campus, the award being to the lowest bidder in accordance with the estimated fee payments based on the following percentages bid for contractors' fees:

<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
5	33	2	\$2 940 00	\$47 940 00

Funds are available in state capital appropriations and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Jones, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**CONTRACT FOR NEW WATER SERVICE IN CHEMISTRY ANNEX
BUILDING, URBANA**

(10) The President of the University recommends award of a contract to Jack W. Perrone and Harold L. Fox, a partnership, doing business as Champaign Plumbing & Heating Company, Champaign, for renewing and replacing the water distribution system in the Chemistry Annex building, Urbana-Champaign campus, the award being to the lowest bidder in accordance with the estimated fee payments based on the following percentages bid for contractors' fees:

<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
12	24	5	\$3 661 00	\$22 161 00

Funds are available in the Physical Plant Department budget.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**CONTRACT FOR INSTALLATION OF STORM SEWER TO SERVE THE
STADIUM AND THE INTRAMURAL-PHYSICAL EDUCATION
BUILDING, URBANA**

(11) The President of the University recommends award of a contract for \$372,500 to Cross Construction, Inc., Urbana, the lowest bidder, for construction of a sixty-inch storm sewer beginning at a point west of the proposed Intramural-Physical Education Building to the corner of First Street and Peabody Drive and then north on First Street to the Boneyard Creek.

Funds are available in state capital appropriations to the University subject to release by the Governor.

On motion of Mr. Swain, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**EMPLOYMENT OF ENGINEERS FOR WATER MAIN, STORM SEWER,
AND SANITARY SEWER EXTENSIONS, URBANA**

(12) The President of the University recommends the employment of Ralph D. Wilson and Edward M. Anderson, a partnership doing business as Wilson and Anderson, Champaign, for complete engineering services including design, preparation of working drawings, and supervision of construction at a fee in accordance with Schedule B of the Illinois Society of Professional Engineers, 1965 Edition. The services will be for water main extensions on the Urbana-Champaign campus to serve the State Natural History Survey Laboratory, the Small Homes Council-Building Research Council building, and the Metal Building site, all south of St. Mary's Road and west of First Street, and for storm and sanitary sewer extensions to serve the Music Building, Foreign Languages Building, and Library Fifth Stack Addition.

Funds are available in state capital appropriations to the University, subject to release by the Governor.

On motion of Mr. Clement, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

EMPLOYMENT OF ARCHITECTS, URBANA

(13) The President of the University recommends employment of the following firms for complete architectural and engineering services including design, preparation of working drawings, and supervision of construction at fees and for the projects listed below, at Urbana-Champaign:

<i>Project</i>	<i>Professional Recommended</i>	<i>Fees</i>
Addition to Jonathan Baldwin Turner Hall (Phase II of Plant Sciences Building) . . .	L. Lattin Smith & Associates, Chicago	6 per cent of the estimated construction costs of \$5,750,000
Large Animal Clinic . . .	Perkins & Will, Chicago	5 per cent of the estimated construction costs of \$5,975,000 plus additional payments for supervision and construction administration at a rate of .2 of 1 per cent of the estimated construction costs plus the cost of actual time in the field of their personnel plus 25 per cent

Funds are available in state capital appropriations to the University, subject to release by the Governor.

The Committee on Buildings and Grounds and the Advisory Committee on Architectural and Engineering Services have been consulted and support these recommendations.

On motion of Mr. Hughes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**LEASE WITH THE ILLINOIS BUILDING AUTHORITY FOR BEHAVIORAL
SCIENCES CENTER BUILDING, CHICAGO CIRCLE**

(14) The Board of Trustees on July 26, 1967, authorized the Comptroller and the Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with the Behavioral Sciences Center Building at Chicago Circle which the Seventy-fifth General Assembly of the State of Illinois had declared to be in the public interest. The Board of Trustees at its meeting

Construction of a Behavioral Sciences Center Building at the Chicago Circle, at a cost to the Illinois Building Authority of \$7,205,000.00 requiring 25 rental payments as follows: an initial rental on or before December 1, 1967 in the sum of \$512,560.00; and during each successive renewal term of the Lease, the annual sum of \$512,560.00 on or before the 1st of September of each year thereafter for 24 years with total rental payments of \$12,814,000.00.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

LEASE WITH THE ILLINOIS BUILDING AUTHORITY FOR COLLEGE OF NURSING OFFICE AND CLASSROOM BUILDING, MEDICAL CENTER

(15) The Board of Trustees on September 22, 1965, authorized the Comptroller and the Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with the College of Nursing Office and Classroom Building at the Medical Center which the Seventy-fourth General Assembly of the State of Illinois had declared to be in the public interest. As a result of deferral of the project, the Seventy-fifth General Assembly again declared it to be in the public interest and the Board of Trustees on July 26, 1967, again requested the Illinois Building Authority to procure the facility for the University. The Executive Committee of the Board of Trustees at its meeting on August 31, 1967, requested the Illinois Building Authority to award contracts for construction. The capital costs of the project, including the construction award, are to be financed by Illinois Building Authority funds in the sum of \$2,455,000.00, the balance to come from federal funds and state appropriations to the University.

The Illinois Building Authority has now sent the University the form of the permanent lease which should be used on the project and has requested that the Board of Trustees take specific action to approve the same. A copy of said lease form is presented herewith and is being filed with the Secretary of the Board for record.

The lease relates to the following University project and is on the terms indicated.

<i>Project</i>	<i>Legislative Declaration</i>	<i>Amount of IBA Bonds</i>	<i>Two-Year</i>	<i>Annual Rent Due</i>
			<i>Rent Paid Under Interim Lease During 1965-67 Biennium</i>	<i>December 1, 1967, and on or before September 1 of Each Year Thereafter</i>
College of Nursing Office and Classroom Building, Medical Center	\$6 850 300 00	\$2 455 000 00	\$369 500 00	\$173 770 00
<i>Total Rental Payments</i>				\$4 366 210 00

Funds for the rental payments during the 1965-67 biennium have been paid from appropriations made by the Seventy-fourth General Assembly under the interim lease previously executed as authorized on September 22, 1965. Funds for rental payments under the lease during the current biennium, 1967-69, are available to the University from appropriations made by the Seventy-fifth General Assembly.

The President recommends that the Comptroller and the Secretary of the Board of Trustees be given specific authorization to execute this lease in substantially the form presented in this meeting and that the following resolution be adopted.

Resolution Authorizing Leasing of College of Nursing Office and Classroom Building at the Medical Center from the Illinois Building Authority

WHEREAS The Board of Trustees of the University of Illinois on July 26, 1967, authorized the Comptroller and Secretary of the Board to execute the neces-

sary documents to permit the Illinois Building Authority to proceed with certain University projects which the Seventy-fifth General Assembly of the State of Illinois had declared to be in the public interest; and

WHEREAS in accordance with the Illinois Building Authority Act the Seventy-fifth General Assembly of the State of Illinois has declared, among others, the following University of Illinois project at the Medical Center to be in the public interest:

College of Nursing Office and Classroom Building	
Medical Center Campus	\$6,850,300.00
and	

WHEREAS said declaration also provides that the cost of any specific project could exceed the amount set forth therefor so long as the aggregate amount stated therein to be financed by the Illinois Building Authority for the University is not exceeded; and

WHEREAS the amount designated for said project as follows:

Medical Center Campus IBA #75-08 Construct College of Nursing	
Office and Classroom Building	\$2,455,000.00
will not cause said aggregate amount to be exceeded; and	

WHEREAS the interim lease applicable to this project which was heretofore executed pursuant to prior authorization was for different amounts than now being designated; and

WHEREAS the Illinois Building Authority has forwarded to the University of Illinois the form of a permanent construction lease which it requests be used for this project and which will supersede the interim lease; and has requested that the Board of Trustees take specific action to approve the same; a copy of which lease form is presented herewith and is being filed with the Secretary of the Board for record;

Now, Therefore, Be It, and It Hereby Is, Resolved that the Comptroller and Secretary of this Board of Trustees be, and hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this corporation a lease with the Illinois Building Authority in substantially the form presented to this meeting for the following building and facility:

Construction of College of Nursing Office and Classroom Building at the Medical Center at a cost of \$2,455,000.00 requiring 25 rental payments as follows: an initial rental on or before May 1, 1966 in the sum of \$184,750.00 and on or before September 1, 1966 the sum of \$184,750.00 (payments of which have heretofore been made); and during each successive renewal term of the Lease, the annual sum of \$173,770.00 on or before December 1, 1967 and on or before the 1st of September of each year thereafter for 22 years with total rental payments of \$4,366,210.00.

On motion of Mr. Jones, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

BEQUEST OF E. G. WOODS

(16) The late E. G. Woods, an alumnus of the University of the Class of 1931, of Manatee County, Florida, bequeathed to the University of Illinois his residuary estate consisting primarily of two parcels of land, which have been sold by previous actions of the Board of Trustees. The value of the estate, after the payment of expenses, is \$74,101.

There are no restrictions in the will. The President of the University recommends that the fund be held as an endowment and that the income be used for such purposes as may be approved by the President.

On motion of Mr. Swain, this recommendation was approved.

PURCHASES

(17) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller; also a list of purchases authorized by the President.

The lists of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds

Purchases Recommended	\$158 681 24
Purchases Authorized	115 62
	<u>\$158 796 86</u>

From Institutional Funds

Purchases Recommended	\$503 429 46
Purchases Authorized	50 615 11
	<u>\$554 044 57</u>

Grand Total \$712 841 43

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Grimes, the purchases authorized by the President were approved, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(18) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(19) The Comptroller's report of contracts executed was submitted.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Herman M. Adler Zone Center	Objective measurement of external bodily features	\$ 4 286 00
Herman M. Adler Zone Clinic	Analysis of children's activity and motor performance	30 613 00
Center for Studies in Criminal Justice (subcontract with Ford Foundation)	Juvenile policing study	27 633 00
Chamber of Commerce, Salem, Illinois	Recreation and park resources study	350 00
DeKalb Park District	Recreation program analysis	500 00
Lake Forest Playground Recreation Board	Survey and report of the leisure behavior, attitudes, and interests of the residents of Lake Forest, Illinois	3 000 00
Illinois Board of Vocational Education and Rehabilitation	Development of curriculum guides for the occupational aspect of home economics at the secondary and post-high school levels	18 736 00
Illinois Department of Public Health	Conduct and prepare reports of a survey entitled "School Health Problems, Programs, and Services" in suburban Cook County	74 853 00
National Academy of Sciences	Revibration of concrete in eliminating cracking of continuous concrete bridge decks	100 000 00
City of Peoria	A design potential study of the north side corridor in the city of Peoria	7 200 00
Purdue University (subcontract with United States Office of Naval Research N00014-67-0226-0005)	Convective electric discharge phenomena	35 021 00
United States Army DA-AH01-67-C2522	Theoretical and experimental studies of catalytic surface gages for laminar boundary layers and fabrication of hardware	30 424 00
<i>Total</i>		<u>\$332 616 00</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Metalab Equipment Co.	Laboratory equipment Dentistry-Medicine-Pharmacy Building First Unit	\$ 3 566 00
States Attorney of DeKalb County	Payment for services rendered by local governmental units (Wright)	7 582 00
<i>Total</i>		<u>\$11 148 00</u>

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
John Godfreed	Rental of first floor apartment in the Burt House at the University of Illinois-Willard Airport (September 1, 1967, to August 31, 1968)	\$1 080 00
Esther M. Erber and Walter W. Erber (renewal)	Rental of entire second floor of 608½ East Green Street, Champaign (September 1, 1967, to June 30, 1969)	\$4 400 00

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Department of Public Safety	Operation of a fire college and regional fire school programs	\$200 000 00
International Lead Zinc Research Organization, Inc.	Static and dynamic properties of bolted galvanized structures	20 000 00
National Aeronautics and Space Administration		
NsG-24	Electron content of the ionosphere by means of satellite radio transmission	100 000 00
NsG-395	Selected radiation and propagation problems related to antennas and probes in magnetic-ionic media	47 871 00
Tee-Pak Foundation	Films as retardants to deterioration of meat and meat products	4 300 00
United States Air Force AF 30602-67-C-0006	Millimeter and submillimeter receiver techniques	30 000 00
United States Army		
DA-49-193-MD-2060	Interpersonal and psychological adjustment of group members	38 637 00
DA-ARO-D-31-124-G873	Response of materials to impact	25 770 00
DAAB07-67-C-0306	Design of a directional finder system for the MF-HF-VHF ranges	90 000 00
United States Atomic Energy Commission		
AT(11-1)-1195	Elementary particle interactions in the high energy region	120 000 00
AT(11-1)-1683	Relationship of structural and regulatory genes controlling the ability of cells to exist under different environmental conditions	19 985 00
United States Department of Health, Education, and Welfare		
OE-5-85-038	Study of practical nursing	97 771 00
OE-5-85-041	Vocationally oriented educational program for disadvantaged families in depressed rural areas	42 000 00
OEG-3-7-240035-2845	Institute for advanced study in arts and humanities	1 411 00
OEG-3-7-421020-3795	Institute for teaching disadvantaged youth	6 005 00
United States Department of Housing and Urban Development Ill. D-5(G)	Write, publish, and distribute a report on site planning of multi-family housing projects	16 536 00
<i>Total</i>		<u>\$860 286 00</u>

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>		<i>Amount to be Paid by the University</i>
Aldridge Electric, Inc.	Electrical work	Abbott Power Plant	\$ 3 107 00
Barber and DeAtley, Inc.	Cost-plus contracts — general	Abbott Power Plant Centennial Court	2 500 00 3 000 00
Emric Electric, Inc.	Cost-plus contract — electrical	Weston Hall	3 000 00
Fries Walters Co.	Cost-plus contract — electrical	Fourth Floor Recovery Room, Medical Center	3 450 00
Johnson Service Company	General work	Florida Avenue Residence Halls	4 109 00
Gust K. Newberg Construction Co.	Site development — general	Engineering and Science Laboratories, Chicago Circle Library, Chicago Circle Lecture Center, Chicago Circle Staff and Administrative Offices, Chicago Circle	8 372 00 6 146 00 8 176 00 6 549 00
David W. Reichard Plumbing and Heating Co., Inc.	Plumbing	Memorial Stadium	6 367 00
Reliable Plumbing and Heating Company	Cost-plus contract — plumbing	Illinois Street Residence Halls	3 900 00
Total			\$58 676 00
Summary			
Amount to be paid to the University.....			\$1 193 982 00
Amount to be paid by the University.....			74 224 00

This report was received for record.

INVESTMENT REPORT**Report of the Finance Committee**

(20) The Finance Committee reported the following changes in investments of endowment funds for the month of September, 1967:

Pool

Purchase

\$61 000 Federal Land Banks 5½ per cent bonds due 7/20/76.....\$ 60 923 75

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of September, 1967:

Current Funds

FORD FOUNDATION — GENERAL ENGINEERING

Purchase

\$10 000 U.S. Treasury bills due 7/31/68.....\$ 9 545 94

Purchase

\$ 500 000 Beneficial Finance 4.65 per cent notes due 11/1/67..... 496 900 00
500 000 Hallmark Cards 4¾ per cent notes due 11/1/67..... 496 833 33
1 000 000 Archer-Daniels Midland 4¾ per cent notes due 11/3/67.... 993 402 78
1 000 000 Clark Equipment 4¾ per cent notes due 12/4/67..... 989 031 25
1 000 000 Federal National Mortgage due 12/18/67..... 987 875 00

Construction Funds

ASSEMBLY HALL

Purchase

\$261 000 U.S. Treasury bills due 12/31/67..... 258 189 71

FLORIDA AVENUE RESIDENCE HALL

Purchase

\$843 000 U.S. Treasury bills due 12/21/67..... 834 918 86

GRADUATE HOUSING

Purchase

\$207 000 U.S. Treasury bills due 12/21/67..... 204 778 20

KRANNERT CONTRIBUTIONS

Purchase

\$ 8 000 Commercial Credit Co. open-end demand notes..... 8 000 00

285 500 Beneficial Finance 6 per cent notes due 6/29/73..... 285 500 00

ORCHARD APARTMENTS

Purchase

\$255 000 U.S. Treasury bills due 11/16/67..... 252 441 50

UNION (Chicago Circle)

Purchase

\$35 000 U.S. Treasury bills due 11/9/67..... 34 768 07

Sinking Funds

MEN'S RESIDENCE HALLS OF 1957

Exchange

\$133 000 U.S. Treasury 3¾ per cent notes due 8/15/67 for

133 000 U.S. Treasury 4¾ per cent notes due 5/15/72.

Purchase

\$ 80 000 U.S. Treasury 3¾ per cent bonds due 8/15/68..... 78 975 00

115 000 U.S. Treasury 4 per cent bonds due 2/15/69..... 113 418 75

STUDENT SERVICES BUILDING

Purchase

\$37 000 U.S. Treasury 3¾ per cent bonds due 8/15/68..... 36 525 94

10 000 U.S. Treasury 4 per cent bonds due 2/15/69..... 9 862 50

UNION (Chicago Circle)

Purchase

\$271 000 U.S. Treasury bills due 3/22/68..... 263 719 81

This report was received for record.

DIXON SPRINGS AGRICULTURAL CENTER

(21) Personnel responsible for the operation of the Dixon Springs Agricultural Center have long felt a need for improvement of the landing strip at that installation. The State of Illinois Department of Aeronautics has indicated a willingness to participate in the paving and marking of the North-South runway (2,000 feet by 60 feet) and to pay 100 per cent of the estimated cost of construction. The estimated cost of construction of the project is \$45,000. In order to secure the construction of these facilities, it will be necessary for the University to enter into a Limited Agency and Participation Agreement with the Department of Aeronautics of the State of Illinois. This Agency and Participation Agreement will authorize the Department of Aeronautics to act as the agent of The Board of Trustees of the University of Illinois in the preparation of specifications for the project and in letting and awarding construction contracts required by the project and in other respects common to such Agency and Participation Agreements heretofore entered into by the University and the Department of Aeronautics. Under this arrangement, the University shall act as the sponsor of the project and shall act as the contracting party in all construction contracts necessary to the project. However, all the funds necessary for the completion of the project will be supplied by the Department of Aeronautics.

The President and the Director of the Institute of Aviation recommend that the Comptroller and the Secretary of the Board be authorized to execute such a Limited Agency and Participation Agreement with the Department of Aeronautics of the State of Illinois with respect to this project and that said officers be further authorized to execute such other contracts, documents, or agreements as may be necessary to complete the project and as may be approved for execution by the Legal Counsel.

On motion of Mr. Swain, this recommendation was approved.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; cancellations, declinations, resignations, and terminations; leaves of absence; cancellations of leaves of absence; retirements. A copy of the report is filed with the Secretary.

ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD**FUTURE BOARD MEETINGS**

President Johnston called attention to the dates for the next two meetings of the Board to be held on December 20, 1967, in Urbana, and on January 17, 1968, at the Chicago Circle Center.

REGULAR MEETING RECESSED

On motion of Mr. Clement, the meeting was recessed.

The President of the Board stated that a meeting of the Committee on Buildings and Grounds had been called and that an executive session had been requested and was being ordered following the committee meeting to consider recommendations relating to property acquisitions and pending litigation.

EXECUTIVE SESSION

When the Board reconvened, the same members of the Board, officers of the Board, and officers of the University as recorded at the beginning of these minutes were present.

The Board considered the following recommendations from the President of the University.

PURCHASE OF LAND FOR EXPANSION OF THE VERMILION RIVER OBSERVATORY

(22) In 1961 the University completed acquisition of a 205-acre tract approximately six miles southeast of Danville for use as a radio telescope site. In 1964 one additional tract of forty acres was acquired for expansion and protection of the radio telescope.

University representatives have since been negotiating with the owners of a tract of land of approximately 217 acres which is also required for expansion for the interferometer system and additional protection from electrical discharges.

The owner has indicated a willingness to sell this property for the price of \$53,000 which is within the appraisals received by the University.

Accordingly, the President of the University recommends that the property be purchased for the price of \$53,000, and that \$33,000 be appropriated for this purchase from the Contract Research Reserve. The remaining \$20,000 is available from departmental funds received by the University from government contracts.

On motion of Mr. Hughes, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

PURCHASE OF 1112 WEST SPRINGFIELD AVENUE, URBANA

(23) The President of the University recommends that the Board of Trustees request the University of Illinois Foundation to purchase the property at 1112 West Springfield Avenue, Urbana, at a price of \$22,500 and lease the property to the University at a rental sufficient to pay the interest costs on a loan to the Foundation to finance acquisition of the property. The property consists of a lot of 66 feet by 100 feet (6,600 square feet), and is improved with a one and one-half story frame dwelling that is currently being used as a rental property. The improvements on this property will be demolished, and the area will be used for parking.

On motion of Mr. Grimes, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

REPORT ON LITIGATION

The Legal Counsel conveyed to the Trustees a request from Mr. Robert L. Ayers, Assistant Chief Flight Instructor at the University of Illinois-Willard Airport, concerning the costs of Mr. Ayers' appeal of his license revocation. Mr. Costello explained that Mr. Ayers has paid \$2,800 thus far on the license revocation matter and that he anticipates an additional expense of \$2,500. A discussion followed with a general consensus that the University should cover the full cost of Mr. Ayers' appeal of his license revocation.

On motion of Mr. Swain, the Board adjourned.

EARL W. PORTER
Secretary

WAYNE A. JOHNSTON
President

DEDICATION OF THE CIVIL ENGINEERING BUILDING

Members of the Board of Trustees, officers of the Board, and officers of the University joined faculty members of the College of Engineering and other guests at the dedication of the Civil Engineering Building and at the dedication luncheon.

SPECIAL MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

December 9, 1967



A special meeting of The Board of Trustees of the University of Illinois was held at the Leland Hotel, in Springfield, at 2:00 p.m., on Saturday, December 9, 1967, pursuant to the following call issued by three members of the Board:

December 5, 1967

The undersigned members of The Board of Trustees of the University of Illinois call a special meeting of the Board of Trustees of that public corporation, to be held in the Leland Hotel, Springfield, Illinois, on December 9, 1967, at the hour of 2:00 p.m. for the purpose of filling the vacancy in the office of President of said Board of Trustees.

The Secretary shall give notice of said meeting as prescribed by the By-Laws.¹

HOWARD W. CLEMENT
THEODORE A. JONES
TIMOTHY W. SWAIN

¹ A Waiver of Notice was signed by all trustees, and a copy is being filed with the Secretary of the Board for record.

ELECTION OF A PRESIDENT PRO TEMPORE

The office of President of the Board being vacant, the Secretary of the Board called for nominations of a President, *Pro Tempore*.

Mr. Jones nominated Mr. Hughes. Mr. Hughes was unanimously elected President, *Pro Tempore* and took the chair.

APPOINTMENT OF KENNEY E. WILLIAMSON TO THE BOARD OF TRUSTEES

Mr. Hughes recognized the presence of Mr. Kenney E. Williamson who had been appointed by Governor Otto Kerner on December 8, 1967, to be a member of The Board of Trustees of the University of Illinois to fill the vacancy on the Board created by the death of Mr. Wayne A. Johnston.

The following members of the Board were present: Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; Governor Kerner and Dr. Weatherly were absent.

Also present were President David D. Henry; Mr. James J. Costello, Legal Counsel; Mr. R. C. Wicklund, Assistant Secretary of the University and Staff Associate in the Board of Trustees Office; Mr. Arthur R. Wildhagen, Assistant Director of Public Information, Urbana; and officers of the Board, Mr. H. O. Farber, Comptroller, and Dr. Earl W. Porter, Secretary.

REMARKS BY MR. HUGHES

I know that I speak for all the members of the Board when I say that we are saddened that we meet here today to select a successor to our late colleague and friend Wayne Johnston as President of this Board.

This Board needs no reminder of the central role he played in its activities during his tenure. He brought to it the same dedication, ability, and enthusiasm that characterized his business career. Nor need I remind you of the value of his leadership as President of this Board for the past year. We will, of course, want to prepare a formal resolution honoring him at a later date.

Meanwhile, however, the business of the University must go on. It was once written of Wayne Johnston that he gave the impression that "hours not devoted to the Illinois Central or to worthy projects are generally a waste of time." I think he would agree that we must proceed now to organize ourselves to continue the projects we have begun.

Other members of the Board endorsed Mr. Hughes comments and joined him in similar expressions of regret and of respect for Mr. Johnston.

ELECTION OF PRESIDENT OF THE BOARD

Mr. Hughes called for nominations for the office of President of the Board of Trustees.

Mr. Grimes nominated Mr. Swain; Mr. Hahn seconded the motion.

On motion of Mr. Pogue, seconded by Mr. Hahn, the nominations were closed and the Secretary was instructed to cast the unanimous ballot of the Board for the election of Mr. Timothy W. Swain as President, to serve until the next annual meeting of the Board of Trustees in March, 1968, or until his successor shall have been elected and qualified. The ballot was so cast, and Mr. Swain was declared elected as President of the Board.

Mr. Swain took the chair and paid tribute to Mr. Johnston and to his service to the Board. Mr. Swain further stated his satisfaction in the nonpartisan nature of the election which was so clearly reflective of the nonpartisan work of the Board of Trustees itself. He indicated that he accepted the honor and expression of support in that spirit and pledged his service to the University to the best of his ability. He then announced that, according to the Act governing the operation of the Illinois State Board of Higher Education, he would designate an alternate — Mr. Howard W. Clement — to attend meetings of that Board and to act for the President of the Board of Trustees in that relationship.

DELEGATION OF SIGNATURES

Mr. Page offered the following resolution:

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 Auditor of Public Accounts, 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 Lyle M. Dahlenburg, C. O. Parvin, R. N. Parker, in Urbana

James E. Osborn, David W. Bonham, Walter E. Cowart, R. E. Porter, H. O. Albers, A. W. Catrambone, in Chicago

C. H. Moody, Helen Culbertson, in Springfield

authority to sign his name as President of the Board of Trustees to vouchers against the Auditor of Public Accounts; and to

C. C. DeLong, R. W. Zimmer, R. F. Wood, in Urbana

James E. Osborn, David W. Bonham, Walter E. Cowart, R. E. Porter, H. O. Albers, A. W. Catrambone, 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

R. C. Wicklund, George H. Bargh, Virginia J. Hendrix, in Urbana

Anthony J. Diekema, Velma M. Davis, H. W. Bailey, Kirker Smith, L. W. Sandy, in Chicago

authority to sign his name as Secretary of the Board of Trustees to vouchers against the Auditor of Public Accounts 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 also authorized to delegate to

Lean C. Ryan, Addalein C. Hawk, in Springfield

authority to sign his name as Secretary of the Board of Trustees on vouchers against the Auditor of Public Accounts approved in accordance with the regulations of the Board.

These authorizations are to continue in effect until the Auditor of Public Accounts has been supplied with specimen signatures of succeeding officers of this Board. And be it further

Resolved, that the First National Bank of Chicago as a designated depository of R. R. Manchester, 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: Timothy W. Swain, President, and Earl W. Porter, 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 sig-

natures 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.

This resolution was unanimously adopted.

VACANCY IN OFFICE OF PRESIDENT OF THE BOARD

Mr. Jones indicated that the unexpected vacancy in the presidency had emphasized the need to make provision for interim action on behalf of the President of the Board when the Office was temporarily vacant. He stated that the organizational structure of the Board should be completed to serve this end and he asked the staff to study the matter and develop recommendations as soon as possible.

On motion of Mr. Grimes, the Board adjourned.

EARL W. PORTER
Secretary

TIMOTHY W. SWAIN
President

REGULAR MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

December 20, 1967



The December meeting of The Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Wednesday, December 20, 1967, beginning at 9:00 a.m.

President Timothy W. Swain called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. Ray Page, Mr. Harold Pogue, Mr. Timothy W. Swain, Mr. Kenney E. Williamson. Governor Otto Kerner and Dr. James A. Weatherly were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, Legal Counsel; Dr. Daniel C. McCluney, Dean of Faculties, Chicago Circle; Dr. James B. Holderman, Associate Chancellor, Chicago Circle; Mr. George H. Bargh, Executive Assistant to the President; Mr. Vernon L. Kretschmer, University Associate Director of Physical Plant Planning and Construction; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Eugene S. Pitcher, Assistant to the Director of the Physical Plant, Urbana; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Dr. Earl W. Porter, Secretary.

MEMORIAL TO WAYNE A. JOHNSTON

President Swain offered the following memorial to the late Mr. Wayne A. Johnston. At the conclusion of the reading, all present stood in a silent tribute to his memory.

On motion of Mr. Clement, the memorial was adopted.

The Board of Trustees of the University of Illinois records with deep sorrow the sudden and untimely death on December 4, 1967, of Wayne Andrew Johnston, Sr., member of this Board for seventeen years and its President for the past year.

For nearly half a century he served the Illinois Central Railroad at tasks of ever-increasing importance — from his first position in 1918 as an accountant in the Champaign office to that of Chairman of the Board. His concern with the demanding problems of the railroad did not, however, prevent his contribution of time, effort, and counsel to numerous civic and charitable activities.

To the University of Illinois, too, his counsel over the years of his membership on this Board was an invaluable asset. His all too brief tenure as the President gave this institution the benefit of the leadership he had shown many times over in other settings. His loyalty and devotion to the University were unexcelled.

The members of The Board of Trustees of the University of Illinois desire to record in the minutes of today's meeting this expression of tribute to a former colleague for his valued services and his genial friendship, and to extend to his family our deepest sympathy in their loss.

The President of the University, the officers of the Board, and the other members of the staff who had the privilege of being associated with Mr. Johnston during his tenure on the Board desire to be included in this tribute.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on January 12, 1967, and February 9, 1967, with adjourned session of February 28, 1967, press proof copies of which had previously been sent to the Board.

On motion of Mr. Hughes, these minutes were approved as printed on pages 295 to 423, inclusive.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee submitted the following report and minutes of its meeting on December 5, 1967.

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, twentieth floor of the LaSalle Hotel, Chicago, Illinois, on Tuesday, December 5, 1967, beginning at 3:30 p.m.

The meeting was called to consider recommendations to the Illinois Building Authority and the Illinois Board of Higher Education on the award of a contract for the construction of the Science and Engineering Center Building at the Chicago Circle Campus.

The office of the Chairman being vacant, the Secretary of the Board called for nominations of a Chairman *pro tempore*. Mr. Swain was nominated and took the chair.

The Chairman *pro tempore* asked the Secretary to call the roll, and the following members of the Committee were present: Mr. Howard W. Clement and Mr. Timothy W. Swain. Also present were: Mr. Theodore A. Jones, a member of the Board of Trustees; President David D. Henry; Chancellor Norman A. Parker, Chicago Circle; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. James J. Costello, Legal Counsel; Mr. George H. Bargh, Executive Assistant to the President; Mr. Grover E. Shipton,

Director of Public Information, Chicago Circle; and the following officers of the Board, Mr. H. O. Farber, Comptroller, and Dr. Earl W. Porter, Secretary.

TRIBUTE TO WAYNE A. JOHNSTON

Mr. Swain spoke of the profound regret of those present at the sudden death of Mr. Wayne A. Johnston, President of the Board of Trustees. On motion of Mr. Howard W. Clement, the Committee, on behalf of the Board of Trustees, formally expressed its sorrow in the loss of the esteemed leader of the Board and directed that the minutes so record. In addition, he indicated that at an appropriate time a resolution would be presented to the full membership of the Board of Trustees. The Committee and those present stood in a moment of silent tribute.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Committee considered the following reports and recommendations from the President of the University.

REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR CONSTRUCTION OF SCIENCE AND ENGINEERING BUILDING, CHICAGO CIRCLE CAMPUS

On November 16, 1967, the Illinois Building Authority received bids for the construction of the Science and Engineering Center Building at the Chicago Circle campus. The low base bidder is Gust K. Newberg Construction Co., Chicago, with a bid of \$17,286,000. Proposals were also received from George A. Fuller Construction Co., W. E. O'Neil Construction Co., Paschen Contractors Inc., and Turner Construction Co. The low bidder has performed highly satisfactorily on Phase I and Phase II construction at the Chicago Circle campus.

The project is a part of the construction for the Chicago Circle campus, Phase III, which the Board, at its meeting on July 26, 1967, requested the Illinois Building Authority to provide. A contract for the caisson work was previously authorized by the Illinois Building Authority upon the request of the Board of Trustees.

While the total funds required to complete construction are within the amount declared in the public interest by the Seventy-fifth General Assembly, the State of Illinois Board of Higher Education has arranged with the Illinois Building Authority that the Authority will not use a portion of the amount declared by the General Assembly to be in the public interest until the State Board specifically approves such use. These reserved amounts consist of a "cost increase reserve" (approximately 10 per cent of the declaration in public interest) to be used for the purpose of offsetting cost increases determined by actual bid experience and a "federal funding reserve" to be used to make up the difference between estimated and realized federal funding.

In accordance with the procedure adopted by the State of Illinois Board of Higher Education at its meeting on October 3, 1967, and in order to complete construction as planned, it is necessary that the University request the State of Illinois Board of Higher Education and the Illinois Building Authority to release \$1,456,530 of the \$1,684,830 in the "cost increase reserve" for this project and \$1,000,000 from the "federal funding reserve."

The Authority will finance the construction and lease the facilities to the University. Funds for rental payments are available in state capital appropriations to the University. Jurisdiction of the land on which the project is being constructed has been transferred to the Authority.

The University Director of Physical Plant Planning and Construction, the Vice-President and Comptroller, and the Chicago Circle campus Chancellor recommend that the Executive Committee of the Board of Trustees (1) request the State Board of Higher Education to take appropriate action to authorize the releases described above from the cost increases and federal funding reserves and (2) request the Illinois Building Authority to award a contract for the described work to the low base bidder and proceed to procure this facility for the use of the University.

It is also recommended that the Comptroller and the Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments of transfer, conveyance, lease, contract, and other documents as are necessary to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority including necessary requests of the Board of Higher Education.

I concur and recommend adoption of the resolution submitted herewith to implement the official actions required.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, acting through its Executive Committee, that the Illinois Building Authority be, and it hereby is, requested to award to the Gust K. Newberg Construction Co., Chicago, a contract in the amount of \$17,286,000.00 for completion of construction of the Science and Engineering Center Building at the Chicago Circle campus in accordance with the base bid submitted.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, acting through its Executive Committee, that the Comptroller and the Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge, and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Swain; no, none.

CALL OF A SPECIAL MEETING OF THE BOARD

President Henry stated that, in view of the loss of Mr. Johnston and in view of the quantity of pressing University business requiring the attention of a president of the Board of Trustees, it would be desirable to call a special meeting of the Board as soon as possible to elect a new President.

There being three members of the Board present, in accordance with the By-Laws and on motion of Mr. Clement, the Trustees present unanimously agreed to issue a call for a special meeting. Alternate dates were suggested — Saturday, December 9, in Springfield, or Monday, December 11, in Chicago. The Secretary of the Board was instructed to poll the members and to select a date agreeable to all.

The business of the meeting having been concluded, on motion of Mr. Clement, the Executive Committee adjourned.

EARL W. PORTER
Secretary and Clerk

The Executive Committee
of The Board of Trustees
of the University of Illinois
HOWARD W. CLEMENT
TIMOTHY W. SWAIN
Chairman, Pro Tempore

EXECUTIVE COMMITTEE

President Swain called for nominations to fill the vacancy on the Executive Committee of the Board.

Mr. Hahn nominated Mr. Hughes who was unanimously elected.

STANDING COMMITTEES FOR 1967-68

The President of the Board appointed the following standing committees to serve during the year 1967-68, or until their successors have been

appointed following the annual meeting of the Board of Trustees in March, 1968.

The President of the University is a member, *ex officio*, of all standing committees.

Agriculture

EARL M. HUGHES, Chairman
HAROLD POGUE
JAMES A. WEATHERLY

Alumni

JAMES A. WEATHERLY, Chairman
RALPH C. HAHN
HAROLD POGUE

Athletic Activities

HAROLD POGUE, Chairman
RALPH C. HAHN
JAMES A. WEATHERLY

Buildings and Grounds

RALPH C. HAHN, Chairman
HOWARD W. CLEMENT
DONALD R. GRIMES
EARL M. HUGHES
THEODORE A. JONES
HAROLD POGUE

Chicago Departments

HOWARD W. CLEMENT, Chairman
DONALD R. GRIMES
THEODORE A. JONES

Finance

DONALD R. GRIMES, Chairman
HOWARD W. CLEMENT
KENNEY E. WILLIAMSON

General Policy

EARL M. HUGHES, Chairman
HOWARD W. CLEMENT
DONALD R. GRIMES
RALPH C. HAHN
THEODORE A. JONES
KENNEY E. WILLIAMSON

Nonacademic Personnel

DONALD R. GRIMES, Chairman
EARL M. HUGHES
JAMES A. WEATHERLY

Patents

THEODORE A. JONES, Chairman
DONALD R. GRIMES
KENNEY E. WILLIAMSON

Student Welfare and Activities

RALPH C. HAHN, Chairman
THEODORE A. JONES
JAMES A. WEATHERLY

REQUEST OF THE CHICAGO CIRCLE FEDERATION OF TEACHERS

The Secretary reported the receipt of a communication from the President of the Chicago Circle Federation of Teachers, Local 1627 (American Federation of Teachers, AFL-CIO), in which the request for a representative to appear before the Board in January was made. President Henry urged the Board to grant the hearing with the understanding that the organization submit a written presentation in advance and through channels as required by the University Statutes. It was made clear that the hearing would be granted at a later meeting if the required presentation should necessitate more time in preparation.

On motion of Mr. Hughes, the Trustees agreed to hear the group in accord with the terms suggested, and the Secretary was directed to reply as indicated.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

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 Illinois Accountancy Act of 1943, as amended, 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>
JIMMY DALE DODSON	Palatine, Illinois	Kansas
JOHN JOSEPH MAHONEY	Glen Ellyn, Illinois	Massachusetts
GEORGE KELLY MOORE, JR.	Hinsdale, Illinois	Florida
RICHARD BERNARD SILVERSTEIN	Richmond Heights, Missouri	Missouri
JOHN HARVEY STARK	St. Louis, Missouri	Missouri

I concur.

On motion of Mr. Grimes, these certificates were awarded.

AMENDMENT OF REGULATIONS GOVERNING THE CERTIFICATE OF CERTIFIED PUBLIC ACCOUNTANT

(2) The Committee on Accountancy has recommended the following changes in Rule 7, Rebate of Fees, in the University's regulations adopted by the Board of Trustees for administering the Illinois Accountancy Law:

That an applicant who has been admitted to but fails to attend the examination be allowed a refund of 50 per cent of the prescribed fee provided he has notified the Committee at least thirty calendar days prior to the beginning of the examination that he will not be present. (The present regulation allows an 80 per cent fee refund and does not include the thirty-day prior notification requirement.)

That an applicant who is found not qualified will be allowed a refund of 50 per cent of the prescribed fee. (The present regulation allows an 80 per cent fee refund.)

That in hardship cases where an applicant is prevented from attending the examination, 50 per cent of the fee may be returned provided that circumstances prevented the applicant from notifying the Committee at least thirty calendar days prior to the beginning of the examination. (The present regulation allows a 100 per cent refund and imposes no requirement for notification.)

The Committee feels that a more restrictive refund policy, as reflected in the proposed changes, will reduce the per capita cost of administering the examination and will avoid the necessity of seeking legislative approval of an increase in the \$50 examination fee.

A memorandum giving the present and proposed provisions of the regulation is submitted herewith, and a copy is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Jones, this recommendation was approved.

ADVISORY COMMITTEE FOR THE DIVISION OF PHYSICAL EDUCATION, CHICAGO CIRCLE

(3) The Director of the Division of Physical Education and the Chancellor at Chicago Circle recommend the following appointments to the Advisory Committee for the Division of Physical Education at Chicago Circle, effective January 1, 1968.

For a One-Year Term

MARK H. COX, Victor Golf, Equipment Division of Victor Comptometer, Morton Grove

HARVEY I. DICKINSON, Hinsdale High School, Hinsdale

FRANK L. JAMBOIS, Chicago Athletic Association, Chicago

JESSE OWENS, WFLD (Channel 32), Chicago

RAYMOND E. SNYDER, University Patents, Incorporated, Chicago

For a Two-Year Term

WILLIAM E. COWAN, Allied Radio Corporation, Chicago

LARRY HAWKINS, Carver High School, Chicago

VERNON HERNLUND, Chicago Park District (Retired), Chicago

JOE F. MAZE, East Aurora High School, Aurora
MRS. FRANCES B. WATKINS, 5538 Harper Avenue, Chicago

For a Three-Year Term

TOM FREDERICK, National Federation of State High School Athletic Associations,
Chicago

LOUIS JORNDT, Chicago Board of Education, Chicago

RALPH METCALFE, Alderman, City of Chicago, Chicago

THEODORE A. E. POEHLMANN, Yates, Fisk, Haides, and Burke, Attorneys and
Counselors, Chicago

NORMAN E. TENNER, Veterans Administration Research Hospital, Chicago
I concur.

On motion of Mr. Grimes, these appointments were approved as recommended.

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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; P— indefinite term appointment for part-time service only; B— two years; D— one year; E— nine months from the beginning of the academic year; G— special tenure; Q— initial term appointment for Professor or Associate Professor; Y— twelve months' service required instead of two semesters; 1-7 — indicates the number of years of service which will be credited at the end of the contract period toward completion of the probationary period relating to tenure.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

Chicago Circle

1. REUVEN HENDLER, Assistant Professor of Economics, College of Business Administration, beginning September 1, 1967 (2), at an annual salary of \$11,500.
2. ROLF SINGER, Visiting Professor of Biological Sciences on one-half time, for the winter and spring quarters 1967-68 (G50), at a salary of \$5,000.

Medical Center

3. IAN R. CARR, Assistant Professor of Pediatrics, College of Medicine, on 10 per cent time, beginning October 1, 1967 (DY10), at an annual salary of \$2,000.
4. NORMAN BENJAMIN DOBIN, Assistant Professor of Neurology, College of Medicine, on 40 per cent time, beginning October 1, 1967 (BY40), at an annual salary of \$3,492.
5. MICHAEL A. PARTIPILO, Assistant Professor of Psychology, Department of Psychiatry, College of Medicine, on 20 per cent time, beginning December 1, 1967 (DY20), at an annual salary of \$2,100.

Urbana-Champaign

6. YEKUTIEL DELIGDISCH, Visiting Associate Professor in the Graduate School of Library Science, on one-half time, for the second semester 1967-68 (E50), at a salary of \$5,000.
7. YASUSHIGE FUKANO, Visiting Assistant Professor of Metallurgy, Department of Mining, Metallurgy, and Petroleum Engineering, for one year from December 15, 1967 (FY), at a salary of \$10,000.
8. MARTIN GOLDSTEIN, Visiting Professor of Ceramic Engineering, for one month from November 27, 1967 (G), at a salary of \$2,000.
9. J. VICTOR HOWARTH, Visiting Research Professor of Physiology and Biophysics, for eleven months from October 1, 1967 (DY), at a salary of \$14,000.
10. MARY OSBORNE HUBBARD, Associate Professor and Assistant State Leader of Extension Advisers, Cooperative Extension Service, beginning December 1, 1967 (AY), at an annual salary of \$12,000.

11. JAMES F. KNIGHT, Assistant Professor of Architecture, beginning March 1, 1968 (1), at an annual salary of \$9,000.
12. SIMON E. MALO, Visiting Assistant Professor of Horticulture, for two months from April 1, 1968 (G), at a salary of \$3,000.
13. ALAN C. PURVES, Associate Professor of English, beginning March 1, 1968 (A), at an annual salary of \$14,000.
14. JOHN C. SIEMENS, Associate Professor of Agricultural Engineering, beginning February 1, 1968 (AY), at an annual salary of \$17,500.
15. HENRY J. SREDL, Associate Professor of Vocational and Technical Education on 80 per cent time, and Counselor, Council on Teacher Education, on 20 per cent time, beginning September 1, 1967 (Q80, D20), at an annual salary of \$14,000.
16. BENJAMIN T. WILLIAMS, Research Assistant Professor of Physical Education for Men, on 10 per cent time, beginning September 1, 1967 (DY10), at an annual salary of \$2,000.

On motion of Mr. Williamson, these appointments were confirmed.

**CHANGE IN ORGANIZATION AND APPOINTMENT OF HEAD,
DEPARTMENT OF ARCHITECTURE, CHICAGO CIRCLE**

(5) The members of the Department of Architecture of professorial rank at Chicago Circle have voted to request a change in departmental organization from that of a department with a chairman to that of a department with a head.

With the concurrence of the Department, the Dean of the College of Architecture and Art, and the Dean of Faculties, the Chancellor recommends that: (1) the form of organization requested be approved, effective January 1, 1968; and (2) Professor Donald Douglas Hanson, currently Chairman of the Department, be appointed Professor of Architecture on indefinite tenure and as Head of the Department on an academic year service basis, beginning January 1, 1968, at an annual salary of \$20,000, divided: \$19,000 as Professor of Architecture and \$1,000 as Head of the Department.

The Executive Vice-President and Provost also concurs.

I recommend approval.

On motion of Mr. Grimes, this change was authorized and the appointment was approved.

**FRANCIS L. LEDERER PROFESSORSHIP IN OTOLARYNGOLOGY,
MEDICAL CENTER**

(6) Funds are being received for the establishment of a Professorship in Otolaryngology in honor of Francis L. Lederer, a distinguished member of that profession. Initiated by friends and colleagues of Dr. Lederer, the endowment consists of funds deposited with the University of Illinois Foundation.

Dr. Lederer retired as Professor of Otolaryngology and Head of the Department on August 31, 1967, having served the College of Medicine and the University for forty-five years. He has also served as Otolaryngologist-in-Chief and Director of Otolaryngologic Service of the Illinois Eye and Ear Infirmary.

As physician, author, and teacher he has achieved world-wide recognition. He is currently president-elect of the International College of Surgeons and the American Academy of Ophthalmology and Otolaryngology. He will take office as president of both organizations on January 1, 1968.

As consultant in Otolaryngology to the Surgeon General, United States Air Force, and adviser to the Selective Service System, he received presidential citations of appreciation from Presidents Truman, Eisenhower, and Kennedy.

Dr. Lederer received his Bachelor of Science degree from the University of Chicago (1918) and Doctor of Medicine degree from Rush Medical College (1921). He took his internship and residency at the North Chicago Hospital and his specialty training at the Universities of Berlin, Vienna, and Prague.

Income from the endowment fund will furnish partial support for the salary of the person appointed as the Francis L. Lederer Professor of Otolaryngology. Recommendation for appointment will be made in accordance with the University's regular procedures and the appointment will be reported to the Board.

I recommend approval of the establishment of this professorship.

On motion of Mr. Hahn, this recommendation was approved.

HONORARY DEGREES, URBANA

(7) The University Senate at Urbana-Champaign has recommended that honorary degrees be conferred on the following:

KARL M. DALLENBACH, Distinguished Professor of Psychology, *Emeritus*, of the University of Texas, the degree of Doctor of Science

WALTER A. GROPIUS, Professor of Architecture, *Emeritus*, of Harvard University, the degree of Doctor of Fine Arts

J. GEORGE HARRAR, President, The Rockefeller Foundation, the degree of Doctor of Science

GORDON N. RAY, President of the John Simon Guggenheim Memorial Foundation, the degree of Doctor of Letters

THEODORE WILLIAM SCHULTZ, Charles L. Hutchinson Distinguished Professor at the University of Chicago, the degree of Doctor of Laws

GEORGE DINSMORE STODDARD, Vice-Chancellor for Academic Affairs at Long Island University, the degree of Doctor of Laws

EUGENE PAUL WIGNER, Thomas D. Jones Professor of Mathematical Physics at Princeton University, the degree of Doctor of Science

I concur in the recommendations of the Senate. Professor Gropius' degree will be conferred on February 18, 1968, at the opening of the Centennial exhibition, "Century for Design," at the Krannert Art Museum, and the other six degrees will be conferred at the March 11, 1968, Centennial Convocation.

On motion of Mr. Pogue, these degrees were authorized.

DISCONTINUANCE OF TEACHING MINOR IN TEACHING OF SPANISH. CHICAGO CIRCLE

(8) The Chicago Circle Senate has approved a recommendation from the Chicago Circle Council on Teacher Education that the second field of specialization (teaching minor) be discontinued as a requirement for the baccalaureate degree in the teaching of Spanish.

As in the case of similar recommendations in nine other teaching fields at Chicago Circle (reported to the Board February 9, 1967), this change was made possible by a 1965 revision of the school code requirements to allow one or more major fields of study for certification instead of the former requirement of two teaching fields. Students will thus be enabled to (1) take more work in their major fields, (2) increase credit in other fields, or (3) prepare, as before, to teach in two fields.

The Senate Coordinating Council has advised that no other Senate jurisdiction is involved.

While this matter does not require formal approval by the Board, it is submitted for the record.

This report was received for record.

ESTABLISHMENT OF MAJORS IN ENGINEERING. CHICAGO CIRCLE

(9) The Chicago Circle Senate has approved a recommendation from the College of Engineering for the establishment of major fields of concentration in energy conversion, manufacturing engineering, and soil engineering as parts of the engineering curriculum, leading to the degree of Bachelor of Science in Engineering.

The programs, in common with those curricula for the Bachelor of Science in Engineering at Chicago Circle approved by the Board of Trustees on July 27, 1966, and April 19, 1967, will consist of the common core curriculum of 111 quarter hours; a minimum of thirty-six hours in the major field; humanities-social sciences and elective courses for a minimum total of 198 quarter hours, exclusive of physical education and basic military science.

The Chancellor at Chicago Circle and the Executive Vice-President and Provost endorse this recommendation.

The Senate Coordinating Council has indicated that no further Senate jurisdiction is involved.

I recommend approval, subject to further action by the Board of Higher Education.

On motion of Mr. Clement, this recommendation was approved.

MASTER OF SCIENCE IN MEDICAL PSYCHOLOGY, MEDICAL CENTER

(10) The Graduate College and the Medical Center Senate recommend the establishment of a curriculum leading to the degree of Master of Science in Medical Psychology.

The traditional program for advanced training in scientific investigation of emotional illness and health conducted by academic departments of psychology has been hampered by the lack of available clinical resources and the lack of specialty disciplines upon which such studies must draw. Teaching hospitals, which have the clinical data at hand, have not emphasized research training in the psychological bases of illness.

The proposed program is unusual in that it unites specialty disciplines now currently taught at the Medical Center (physiology, genetics, neurology, pharmacology, psychology, psychiatry, child development, epidemiology, and sociology) with ongoing diagnosis and treatment of patients and research laboratory facilities to make such research training feasible in ways not usually possible in the traditional academic setting.

Selected medical students who intend to specialize in psychiatry as a career choice and have taken the psychiatry courses in the medical curriculum, would devote full-time study during three quarters in the junior and senior years of the medical curriculum to the theories of development of emotional disorders, the models and concepts used to organize an understanding of biological, personal, and social factors involved, and the methodological and statistical tools necessary for designing and conducting research studies in this area. The program will be of value in educating doctors for more sophisticated understanding of these problems which are so common to all medical practice.

Candidates must meet admissions requirements of the Graduate College at the Medical Center. The program would be administered by the Graduate College.

The Chancellor at the Medical Center and the Executive Vice-President and Provost endorse this recommendation.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I recommend approval subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Clement, this recommendation was approved.

APPROPRIATION BY THE ATHLETIC ASSOCIATION

(11) The Board of Directors of the Athletic Association has approved an appropriation of \$11,325 to purchase golf caddy carts for rental to golf course patrons. Confirmation of this appropriation is requested.

On motion of Mr. Hahn, this assignment of funds was approved.

CONTRACTS FOR CONSTRUCTION OF TURNER HALL GREENHOUSE COMPLEX, PHASE IV, URBANA

(12) The President of the University recommends award of the following contracts for construction of Turner Hall Greenhouse Complex, Phase IV, Urbana, to be located on Goodwin Avenue immediately south of Jonathan Baldwin Turner Hall, the award in each case to the lowest bidder :

General — Dean Evans Co., Champaign.....	\$589 238 00
Electrical — Potter Electric Service, Inc., Urbana.....	138 386 00
Plumbing — Illini Plumbing and Heating Inc., Champaign.....	69 490 00
Heating and Air Conditioning — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	142 296 00
Ventilation — Petry Roofing and Sheet Metal Co., Champaign.....	37 800 00
<i>Total</i>	<u>\$977 210 00</u>

Funds are available in state capital appropriations to the University, subject to release by the Governor, and from the approval of a grant from the United States Department of Agriculture.

A report from the Campus Architect, including a schedule of bids received, is submitted herewith, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Hughes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

CONTRACTS FOR PURCHASE OF EQUIPMENT FOR ABBOTT POWER PLANT IMPROVEMENTS, URBANA

(13) The President of the University recommends award of the following contracts for equipment at Abbott Power Plant, Urbana, required to increase the campus steam distribution system capacity, the award in each case being on the lowest acceptable bid:

Division "AA" — Pressure Reducing and Desuperheating Equipment — Blaw-Knox Company, Copes-Volcan Division, Erie, Pennsylvania	\$11 979 00
Division "BB" — Condensate Lift Pumps — Worthington Corporation, Chicago	5 070 00
Division "CC" — Relief Valves — Crosby Valve & Gage Company, Chicago	13 445 65
Division "DD" — Gate Valves — The Wm. Powell Company, Cincinnati, Ohio	5 963 48
<i>Total</i>	<u>\$36 458 13</u>

Funds are available in state capital appropriations to the University, subject to release by the Governor.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Williamson, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

CONTRACT FOR MODERNIZATION OF TWO ELEVATORS IN THE LIBRARY BUILDING, URBANA

(14) The President of the University recommends award of a contract to Barber & DeAtley, Inc., Urbana, for modernization of the east elevator in the north wing and the center elevator in the first stack addition of the Library Building, Urbana-Champaign campus, the award being to the lowest bidder in accordance with the estimated fee payments based on the following percentages bid for contractors' fees:

<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
4	29	2	\$8 000 00	\$118 000 00

Funds are available in state capital appropriations to the University and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Williamson, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

CONTRACT FOR PROTECTION OF POTABLE WATER SUPPLY FOR CHILLED WATER AIR CONDITIONING SYSTEMS, URBANA

(15) The President of the University recommends award of a contract to Jack W. Perrone and Harold L. Fox, a partnership doing business as Champaign

Plumbing & Heating Company, Champaign, for plumbing work to provide protection of the potable water supply in twenty buildings air conditioned by chilled water systems, Urbana-Champaign campus, the award being to the lowest bidder in accordance with the estimated fee payments based on the following percentages bid for contractors' fees:

<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
14	32	5	\$6 505 00	\$34 005 00

Funds are available in state capital appropriations to the University and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Jones, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**CONTRACT WITH BOARD OF EDUCATION OF THE CITY OF CHICAGO
FOR CHICAGO CIRCLE**

(16) The Chancellor at Chicago Circle and the Vice-President and Comptroller recommend award of a contract with the Board of Education of the City of Chicago in the amount of \$9,212.50.

This contract provides for reimbursement to the Board of Education for the services of one of their staff members, who will serve as Specialist in Education, as a supervisor of the student teachers of English.

Funds are available from unassigned salaries for the Division of Education, 1967-68.

I concur.

On motion of Mr. Jones, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Dr. Weatherly.

**CONTRACT FOR PROFESSIONAL DESIGN SERVICES,
CHICAGO CIRCLE**

(17) The President of the University recommends award of a contract to Skidmore, Owings & Merrill, Chicago, for design services, including layout, selection of materials and fabrications for general and special equipment for the Science and Engineering Center, Site 10, Phase III, Chicago Circle.

The fee will be based on timecard charges at the firm's usual and customary hourly rates, plus 150 per cent to cover overhead and profit. The estimated total expenditure is not to exceed \$63,000.

Funds are available in the state capital appropriation to the University for 1967-69.

On motion of Mr. Grimes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Pogue, Dr. Weatherly.

**REVISION IN CONTRACT FOR GAS SERVICE, CIVIL ENGINEERING
BUILDING, URBANA**

(18) The Board of Trustees, at its meeting on May 16, 1967, authorized execution of an agreement with Illinois Power Company for gas service for the Civil Engineering Building complex at the Urbana campus at the Standard Utility Service Classification Rate 62 and Riders A, C, and CC. It was believed at that time that this rate would be the most economical to the University on an annual basis for gas service to this building.

Subsequent experience indicates that a savings of approximately \$20,000 per year will be achieved with a change to Classification Rate 52 with Riders A, C, and CC until adjustments in the system indicate a return to Rate 62 is feasible.

Accordingly, the President of the University recommends that authorization be given to enter into an interim agreement with Illinois Power Company for gas service at the Civil Engineering Building at Classification Rate 52 with Riders A, C, and CC for a period of not less than one year and until a return to Rate 62 is determined more economical.

Funds are available in the Physical Plant Department budget.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Pogue, Dr. Weatherly.

REVOKING AND RELEASING AWARDS FOR CONTRACTS FOR DOOR REPLACEMENT AND REMODELING AND ENCLOSING STAIRWAYS IN THE GENERAL HOSPITAL AND NEUROPSYCHIATRIC INSTITUTE, MEDICAL CENTER

(19) The President of the University recommends that the contract for general work awarded by the Board of Trustees on March 14, 1967, to the R. E. Duggan Construction Co., Evanston, in the amount of \$48,500 for door replacement and remodeling and enclosing stairways in the General Hospital and Neuropsychiatric Institute, be revoked due to its inability to furnish the required performance bond and its inability to perform the work required by the contract by reason of the fact that it has executed an assignment for the benefit of creditors. It is further recommended that the bid deposit of the R. E. Duggan Construction Co. in the amount of \$1,500 be retained as liquidated damages.

At the same meeting, a contract for the electrical work on this project in the amount of \$1,198 was awarded to the Schaeffer Electric Co., Division of Sam Schaeffer Co., Chicago. This company has indicated that it may not be in a position to proceed with the work at the price indicated because of the delay resulting from the default of the R. E. Duggan Construction Co. Consequently, it is also recommended that authorization be given to release the Schaeffer Electric Co. from its contractual obligations with respect to this project and that its bid deposit of \$36 be returned.

On motion of Mr. Grimes, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Pogue, Dr. Weatherly.

AGREEMENT WITH COMMONWEALTH EDISON COMPANY FOR ELECTRICAL SERVICE TO THE COLLEGE OF NURSING BUILDING, MEDICAL CENTER

(20) The President of the University recommends that the Board authorize its Comptroller and Secretary to execute an agreement with Commonwealth Edison Company to install electrical service to the College of Nursing Building at the Medical Center campus.

Commonwealth Edison Company has indicated the cost of installation of electrical service to be \$5,807.

Funds are available for the above project, and are already deposited with the Commonwealth Edison Company. The above deposit has been built up over a period of years, and is due to the increased use of electricity at the Medical Center campus.

On motion of Mr. Williamson, authority was given as recommended by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Pogue, Dr. Weatherly.

EMPLOYMENT OF ENGINEERS

(21) The President of the University recommends employment of the following

firms for complete engineering services, including design and bid documents, for the following projects and on the terms indicated:

Urbana-Champaign Campus

Sargent & Lundy, Engineers, Chicago

Improvements and extensions to the steam and electric distribution systems, to serve the following proposed buildings and additions: Music Building, Foreign Languages Building, and Library Fifth Stack Addition

Actual costs of engineering and drafting personnel plus 50 per cent; wages of other personnel and direct costs at actual wages and costs; two per cent of the actual cost of construction; and if a resident engineer is required, actual salary plus 35 per cent plus expenses authorized by the University

Medical Center Campus

Pioneer Service & Engineering Co., Chicago

Increase the electrical capacity for the Neuropsychiatric Institute

Engineering and drafting personnel at actual costs plus 75 per cent; and direct costs

Funds are available for the above projects in state capital appropriations to the University and have been released by the Governor.

The Advisory Committee on Architectural and Engineering Services and all appropriate administrative officers have been consulted.

On motion of Mr. Williamson, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Pogue, Dr. Weatherly.

ASSIGNMENT OF A PURCHASE AWARD FOR ART SCULPTURE AND STUDIO BUILDINGS, URBANA

(22) On November 10, 1967, the Board of Trustees approved the award of a contract to Decatur Construction, Inc., Decatur, the lowest bidder, for the construction of two buildings for sculpture and art studios at the Urbana campus at a cost of \$32,974.

Due to a change in franchise affiliation, Decatur Construction, Inc., will no longer be a dealer for the proposed building, and has requested that the contract award be assigned to the manufacturer of the building, Armco Metal Products Division, Armco Steel Corporation, South Bend, Indiana. The latter has agreed to accept this assignment.

The President of the University recommends that this assignment be consented to and that a contract be entered into with the Armco Metal Products Division, Armco Steel Corporation, South Bend, Indiana, at the same amount and on the same terms and conditions as originally approved.

On motion of Mr. Clement, this recommendation was approved.

ASSIGNMENT OF CONTRACT

(23) The General Dynamics Corporation has announced the sale of their General Atomic Division to the Gulf Oil Corporation.

Since the University has two purchase orders with General Atomic in the amounts of \$119,075 and \$141,700 which were approved by the Board of Trustees on July 27, 1966, and November 10, 1966, respectively, for fuel and materials and services to upgrade the University's TRIGA Nuclear Reactor, the University has been requested to make assignment of these orders to Gulf General Atomic, Inc., a subsidiary of Gulf Oil Corporation.

It is recommended that the orders be assigned to the new corporation for the provision of services and materials ordered. There will be no technical or monetary loss in such assignment.

The Director of Purchases has proposed and the Vice-President and Comptroller recommends that the assignment of orders be made.

I concur.

On motion of Mr. Clement, this recommendation was approved.

PURCHASES

(24) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller.

The list of purchases recommended for Board approval was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds.....	\$ 262 007 12
From Institutional Funds.....	474 895 83
<i>Grand Total</i>	<u>\$ 736 902 95</u>

A complete list of the purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy has been filed with the Secretary of the Board for record.

On motion of Mr. Grimes, the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(25) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary.

This report was received for record.

COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED

(26) The Comptroller's monthly report of contracts executed was submitted.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Board of Vocational Education and Rehabilitation	Portable video tape recorders and microteaching techniques to improve instruction in vocational-technical programs in Illinois	\$ 37 021 00
Illinois Department of Agriculture	Role of viruses in acute respiratory diseases of cattle in Illinois, their identification, natural history, and prevention	33 273 00
	Mastitis agalactia metritis syndrome in Illinois gilts and sows	30 750 00
	Diagnosis, prevention, and control of respiratory diseases of swine due to single and multiple causes	21 200 00
	Parasitic diseases of cattle in Illinois	31 050 00
Illinois Division of Highways IHR-001	Determination of criteria for illumination of rural at-grade intersections for safer and more efficient operation	25 000 00
IHR-401	Durability testing of stabilized materials	12 000 00
IHR-804	Analytic aerial triangulation for highway location and design	14 000 00
Illinois Superintendent of Public Instruction	For preparation for leadership training in the field of gifted children	37 889 00
National Academy of Sciences HR 6-9	Potential accelerating effects of chemical deicing damage by traffic and other environmental induced stresses in concrete bridge decks	200 000 00
Presbyterian-St. Luke's Hospital	Evaluation of the marmoset as a laboratory animal in tumor virus research	15 520 00
United States Air Force AFOSR-68-1461	Clustered defects in solids	68 580 00
United States Army DA-ARO-D-31-124-G857	Chemistry of a novel hydrocarbon	15 600 00
DA-ARO-D-31-124-G956	Martensitic transformation in iron alloys	78 685 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Navy N00014-67-A-0305-0007	Research in the design and development of computer circuits and components with emphasis on hybrid analog-digital devices for use in display or switching circuits	\$ 40 000 00
N00014-68-C-0018	Study in education and development of medical education for national defense	11 000 00
<i>Total</i>		<u>\$671 568 00</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Beacon Neighborhood House	Participation in the program at Beacon's Neighborhood House by students enrolled in the University's regular programs for the preparation of elementary and secondary teachers at Chicago Circle campus	\$5 000 00

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Delta Tau Delta Fraternity	Rental of premises at 905 West California Avenue, 1003 West California Avenue, and 904 West Oregon Street plus board (lunch and dinner) for not less than thirty-five students (September 10, 1967, to June 9, 1968)	\$19 750 00
First Methodist Church of Gibson City	Rental of six rooms in the First Methodist Church, Gibson City (September 1, 1967, to May 31, 1968)	\$2 520 00

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Archaeological Survey	Preliminary testing and evacuation of archaeological sites	\$ 2 086 00
Illinois Department of Agriculture	Study of two diseases of swine: (1) transmissible gastroenteritis, and (2) colibacillosis and enterovirus	80 000 00
Illinois Division of Highways		
IHR-2	Highway problems	8 000 00
IHR-5	Riveted and bolted structural joints	3 000 00
IHR-10	Prestressed reinforced concrete highway bridges	26 500 00
IHR-58	Study equipment for the establishment and maintenance of roadside cover	18 500 00
IHR-64	Behavior of welded highway structures	28 000 00
IHR-72	Prediction of creep in structural concrete from short time tests	3 000 00
IHR-73	Mechanism of fatigue failure in concrete	3 000 00
IHR-75	Basic properties of seal coats and surface treatments	15 000 00
IHR-76	Lime stabilization of soils for highway purposes	17 000 00
IHR-84	Correlation of the University of Illinois pavement test track with the AASHO road test	31 500 00
IHR-85	Dynamic stresses in highway bridges	27 000 00
IHR-87	Tolerable levels of headlight glare as related to median performance	3 000 00
IHR-91	Means for improving the durability of Portland cement concrete	19 500 00
IHR-92	Control of cracking of concrete	18 000 00
IHR-93	Field investigation of prestressed reinforced concrete highway bridges	26 500 00
IHR-94	Materials development and utilization	18 000 00
IHR-95	Relationship of the ductility test to its fundamental mechanical properties	7 500 00
IHR-99	Prepare a highway drainage policy statement and practice manual for the state of Illinois	9 000 00
IHR-202	Archaeological studies	9 000 00
Illinois State Library	To conduct noncredit in-service training programs for public library employees in Illinois	5 000 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
National Aeronautics and Space Administration NGR14-005-074	Physiological responses of central vestibular pathways and diffuse ascending systems to vestibular stimulation	\$ 160 000 00
United States Agency for International Development AID/afr-293	Establish and develop Njala College at Njala, Sierra Leone	274 703 00
AID/nesa-150-3	Improving economic development and general welfare of the nation by assistance to University Uttar Pradesh, India	231 639 00
United States Air Force AF19(628)-5167 (Subcontract with Massachusetts Institute of Technology)	Exploratory research and development program on broadband isotropic antenna systems	39 094 00
AF33(615)-3216	Study of broadband and millimeter antenna techniques	100 000 00
AF33(615)-5248	Low density of plasmas with gaseous lasers	28 480 00
United States Army DA-49-193-MD-2548	Refractometric analysis of water in body fluids	17 000 00
DA-18064-AMC-557(A)	Ecology of selected biological agents and the epidemiology of the diseases caused by them	50 000 00
DA-ARO-D-31-124-G857	Chemistry of a novel hydrocarbon	16 300 00
United States Atomic Energy Commission AT(11-1)-1198	Understanding the nature of materials, predominantly solids	130 000 00
AT(11-1)-1652	Genetic potential of certain populations of drosophila	14 867 00
United States Department of Health, Education, and Welfare OE 6-10-235	Research on pre-school disadvantaged children	244 630 00
United States Navy Nonr-1834(29)	Techniques and instrumentation for measuring acoustic attenuation	12 000 00
<i>Total</i>		<u>\$1 696 799 00</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Consumers Construction Co.	General work	Married Students Housing MS-4 \$ 5 491 00
Cool-Rite Refrigeration	Cost-plus contracts — heating, ventilating, and air conditioning	501 South Wright Street Peabody Residence Hall Noyes Laboratory 2 800 00 10 000 00 3 000 00
Emric Electric, Inc.	Cost-plus contract — electrical	909 West California Avenue Lincoln Avenue Residence Halls 18 300 00
Dean Evans Company	Cost-plus contract — general	Illini Union 5 779 00
Fries Walters Co.	Cost-plus contracts — electrical	Drug and Horticulture Station, Lisle, Illinois Site development, Chicago Circle 7 000 00
Robert W. Hunt Company	Concrete testing services	Chicago Circle Campus — Phase II 9 000 00
Simpson Construction Company	Copper gutter installation	Dentistry-Medicine-Pharmacy Building First Unit 2 520 00
Skoog Construction Co.	General work	Student-Staff Air Conditioning Center 3 213 00
<i>Total</i>		<u>\$81 903 00</u>

Summary

Amount to be paid to the University.....	\$2 388 117 00
Amount to be paid by the University.....	89 423 00

This report was received for record.

THE COMPTROLLER'S REPORT OF GIFTS AND FUNDS RECEIVED FROM OUTSIDE SOURCES

(27) The Comptroller presented a report of gifts, grants, and contract funds

(including funds from private donors and funds received from governmental agencies) received by the University during the fiscal year July 1, 1966, through June 30, 1967.

The complete report was sent to each member of the Board in advance of the meeting and a copy is being filed with the Secretary of the Board.

A summary of the total amounts of funds received and sources follows:

Summary

Funds from Private Donors	
To the University	
For Urbana-Champaign.....	\$ 5 921 558 84
For Chicago Colleges and Divisions.....	787 439 82
	(6 708 998 66)
To the University of Illinois Foundation.....	3 881 290 02
<i>Total</i>	\$10 590 288 68
Funds from United States Government	
For Urbana-Champaign (including \$675,000 from National Defense Education Act for student loans).....	\$37 757 264 71
For Chicago Colleges and Divisions (including \$188,773 from National Defense Education Act, \$351,000 from Health Professions Act, and \$22,500 from Nurses Training Act for student loans).....	9 379 400 15
<i>Total</i>	\$47 136 664 86
Funds from Contracts with State of Illinois Agencies	
For Urbana-Champaign.....	\$ 1 076 855 58
For Chicago Colleges and Divisions.....	393 645 49
<i>Total</i>	\$ 1 470 501 07
<i>Grand Total</i>	\$59 197 454 61

This report was received for record.

INVESTMENT REPORT Report of the Finance Committee

(28) The Finance Committee reported the following changes in investments of endowment funds for the month of October, 1967:

Miller

Sale	
200 shares DuPont common stock.....	\$ 35 580 58
1 000 shares International Harvester common stock.....	37 104 18

Pool

Sale	
\$78 000 Commercial Credit open-end demand notes.....	78 000 00
300 shares AMP common stock.....	10 599 14
1 000 shares Bobbie Brooks common stock.....	19 221 85
300 shares Eastman Kodak common stock.....	39 292 76
1 548 shares Inland Steel common stock.....	56 106 90
1 050 shares Northern States Power common stock.....	32 805 47
1 200 shares PepsiCo common stock.....	44 993 81
450 shares Ralston Purina Company common stock.....	11 357 27
6 shares Sheller Globe common stock.....	178 94
5 shares Sheller Globe 1.35 per cent Cm.Cv. preferred stock....	158 12
400 shares U.S. Steel common stock.....	18 530 10

Purchase

\$50 000 Associates Investment open-end demand notes.....	50 000 00
50 000 General Finance Corp. open-end demand notes.....	50 000 00
700 shares Addressograph-Multigraph common stock.....	50 323 01
400 shares Consolidated Foods common stock.....	22 428 24
300 shares First National City Bank NY common stock.....	17 250 00
700 shares Florida Power and Light common stock.....	49 209 40
700 shares Northwest Bancorporation common stock.....	36 709 40

800 shares Radio Corp. of America common stock.....	49 636 26
800 shares Reynolds Metals common stock.....	41 553 20
<i>Schour Memorial Fund (Medical Center)</i>	
Sale	
2 shares Sheller Globe common stock.....	46 18
2 shares Sheller Globe 1.35 per cent Cm.Cv. preferred stock.....	52 06

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of October, 1967:

Current Funds

RESTRICTED GROUP

Purchase

\$ 750 000 General Electric Credit notes due 11/17/67.....	\$747 976 56
1 000 000 Atlantic Richfield notes due 12/29/67.....	989 722 22
500 000 Beneficial Finance notes due 1/17/68.....	494 248 61

Construction Funds

GRADUATE HOUSING

Sale

\$15 000 U.S. Treasury bills due 9/28/67.....	14 973 08
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KRANNERT ART OBJECTS

Purchase

\$392 000 U.S. Treasury bills due 10/31/68.....	371 094 42
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KRANNERT CONTRIBUTIONS

Sale

\$8 000 Commerical Credit open-end demand notes.....	8 000 00
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UNION (Chicago Circle)

Sale

\$5 000 U.S. Treasury bills due 10/13/67.....	4 993 58
5 000 U.S. Treasury bills due 11/9/67.....	4 986 26

Purchase

\$25 000 U.S. Treasury bills due 12/14/67.....	24 818 31
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UNION AND RESIDENCE HALL (Medical Center)

Purchase

\$215 000 U.S. Treasury bills due 11/2/67.....	214 122 08
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Sinking Funds

MEN'S RESIDENCE HALLS OF 1957

Sale

\$105 000 U.S. Treasury 4¾ per cent notes due 5/15/72.....	101 981 25
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Purchase

\$88 000 U.S. Treasury 5½ per cent notes due 2/15/69.....	88 000 00
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STUDENT SERVICES BUILDING

Sale

\$44 000 U.S. Treasury 4¾ per cent notes due 5/15/72.....	42 735 00
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WOMEN'S RESIDENCE HALLS OF 1956

Sale

\$10 000 U.S. Treasury 4¾ per cent notes due 11/15/67.....	9 987 50
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This report was received for record.

CONSTRUCTION OF SCIENCE AND ENGINEERING CENTER BUILDING, CHICAGO CIRCLE

(29) The Executive Committee of the Board, at its meeting on December 5, 1967, approved certain requests and recommendations to the Board of Higher

Education and the Illinois Building Authority for the construction of the Science and Engineering Center Building at the Chicago Circle campus, including a request to the State Board of Higher Education for release of \$1,000,000 from the "federal funding reserve," being the difference between estimated (\$2,000,000) and realized (\$1,000,000) federal funding. While \$1,000,000 of federal funds has been "realized" in the sense the federal government has entered into a grant agreement for that amount, the agreement requires federal concurrence in the award of contracts. It is not certain the concurrence can be obtained within the time bids must be accepted.

Accordingly, in order to enable the Illinois Building Authority to make a timely award of the construction contract, the President of the University recommends that the action of the Executive Committee on December 5, 1967, pertaining to the Science and Engineering Center Building at the Chicago Circle campus, be amended to increase the authorized request for release from the "federal funding reserve" to \$2,000,000, or as much thereof as may be necessary, and that as so amended the action of the Executive Committee on December 5, 1967, be approved, ratified, and confirmed.

On motion of Mr. Clement, this recommendation was approved.

REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR CONSTRUCTION OF CIVIL ENGINEERING BUILDING, PHASE IIA (ALSO KNOWN AS CIVIL ENGINEERING BUILDING AND ADDITION), INCLUDING TRANSFER OF JURISDICTION OF PROPERTY, URBANA

(30) On November 9, 1967, the Illinois Building Authority received bids for the construction of the Civil Engineering Building, Phase IIA, also known as Civil Engineering Building and Addition.

The lowest bidder is McCarthy Brothers Construction Company, St. Louis, Missouri, and J. E. Hathman, Incorporated, Columbia, Missouri, doing business as McCarthy-Hathman Construction Company, a joint venture, with a base bid of \$3,586,148. Proposals were also received from Turner Construction Company, Chicago, Felmley-Dickerson Co., Urbana, and Kuhne-Simmons Co., Inc., Champaign.

The lowest bidder has performed satisfactorily on one previous University contract, and is presently under contract for the construction of the Undergraduate Library. The project is a part of the construction for the Urbana-Champaign campus, which the Board at its meeting on July 26, 1967, requested the Illinois Building Authority to provide.

The University has received a federal grant to supplement the financing of this project. Funds in the amount of \$541,000 can also be made available from balances in the contingency and equipment items in the budget for construction of the Civil Engineering Building, Phase I.

The Illinois Building Authority will finance the construction and lease the facility to the University for which funds for rental payments are available in state capital appropriations to the University.

The Illinois Building Authority owns part of the land on which the project will be constructed, and the University will transfer jurisdiction of the remaining land on which the project will be constructed to the Illinois Building Authority.

The President of the University, with the concurrence of the appropriate administrative officers, recommends that the Board of Trustees (1) request the Illinois Building Authority to assign \$541,000 from the balance in the Civil Engineering Building, Phase I, contingency and equipment items to this project and (2) request the Illinois Building Authority to contract for construction of the described work in the amount of \$3,604,148, being the amount of the low base bid of \$3,586,148 (alternate number 21 for installation of a more efficient boiler than that specified at no change in price and additive alternate number 23 for sewage sampling system of \$18,000) and proceed to procure this facility for the use of the University.

It is also recommended that the Comptroller and the Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments of transfer, conveyance, lease, contract, and other documents as are necessary to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority including necessary requests of the Board of Higher Education.

Adoption of the resolutions submitted herewith is required to implement the recommendation.

Resolution

WHEREAS, the Seventy-fifth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, a Civil Engineering Building, Phase IIa, also known as a Civil Engineering Building and Addition, at the Urbana campus of the University of Illinois; and

WHEREAS, for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said building will be located; and

WHEREAS, The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois, has been requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said building.

Now, Therefore, be it and it is hereby resolved by The Board of Trustees of the University of Illinois that the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be and they are hereby authorized to execute, acknowledge, and deliver in the name and on behalf of this corporation an instrument of transfer of jurisdiction to the property described in the attached document entitled "Instrument of Transfer" which said form of instrument of transfer is by this reference incorporated in and made a part of this resolution.

On motion of Mr. Hahn, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Dr. Weatherly.

Instrument of Transfer

In accordance with the provisions of "An Act to create the Illinois Building Authority and to define its powers and duties" approved August 15, 1961, as amended, and resolution No. _____, IBA _____, adopted on the _____ day of _____, 196____, by the Illinois Building Authority, a body corporate and politic of the State of Illinois, created under said above-mentioned act, requesting the transfer of the certain described real estate and jurisdiction thereof to the Illinois Building Authority;

Now, Therefore, the undersigned, The Board of Trustees of the University of Illinois, does hereby transfer jurisdiction of the following real estate to the Illinois Building Authority, to wit:

Tract 1:

Lot 9 and the west 19.0 feet of Lot 10 in Block 51 of Seminary Addition to Urbana, situated in the City of Urbana, in the County of Champaign, and State of Illinois; and also

Tract 2:

That portion of the alley north of the above Tract 1, now owned by The Board of Trustees of the University of Illinois, and situated in the City of Urbana, in the County of Champaign, and State of Illinois, vacated by an ordinance entitled "An Ordinance Vacating a Portion of an Alley" adopted by the City Council of the City of Urbana, Illinois, on the 18th day of December, 1967.

Being a part of the site upon which the Illinois Building Authority is to construct and complete the Civil Engineering Building, Phase IIa, otherwise known as the Civil Engineering Building and Addition.

In Witness Whereof, The Board of Trustees of the University of Illinois, a body corporate and politic of the State of Illinois, has caused this instrument to be executed by its Comptroller, pursuant to due authorization of its Board of Trustees and its seal to be hereunto affixed and attested by the Secretary of The Board of Trustees of the University of Illinois, all as of the _____ day of _____, 19____.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to contract with McCarthy Brothers Construction Company, St. Louis, Missouri, and J. E. Hathman, Incorporated, Columbia, Missouri, doing business as McCarthy-Hathman Construction Company, a joint venture, for construction of the Civil Engineering Building, Phase IIa, also known as Civil Engineering Building and Addition, for the price of \$3,604,148, being the base bid of \$3,586,148 and additive alternate number 23 of \$18,000 for installation of a sewage sampling system and alternate number 21 for substitution of a more efficient boiler than that specified at no change in price.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge, and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Hahn, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Dr. Weatherly.

REPORT OF THE LEGAL COUNSEL

At this point, an interim report from the Legal Counsel containing suggestions for possible changes in the By-Laws of the Board was presented. The document was directed to steps that might be taken to insure continuity of business and other operations during the period of a vacancy in the Presidency or Secretariat of the Board. The analysis of the Legal Counsel was considered a preliminary step and was received with action deferred until a subsequent meeting.

The President of the Board asked if there was other business.

PAGE RESOLUTION

Mr. Page presented a resolution and moved that it be referred to the Committee on General Policy of the Board for study, with the request that the Committee consider the resolution and its relationship to the University's code of conduct for students. The text of the resolution follows:

Resolution

Since certain data are required on each student prior to admission to public tax-supported institutions of higher education, since this institution requires each student to maintain adequate standards of scholarship and citizenship for continued study, be it resolved that included, but not restricted to, as a part of the adequate standards of citizenship each student must meet and continue to meet all of the legal requirements of the Military Selective Service Act of 1967.

The motion passed without dissent.

SECRETARY'S REPORT

The Secretary presented for record appointments to the faculty made by the President, resignations, and terminations; leaves of absence; cancellation of leaves of absence, and the following cancellation of sabbatical leave of absence:

GARVEY, JOHN, Professor of Music and Artist in Residence — sabbatical leave of

absence granted him for Semester II 1967-68, on full pay, cancelled without prejudice.

A copy of the complete report is filed with the Secretary.

ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

FUTURE BOARD MEETINGS

President Swain announced the following schedule for the next three meetings of the Board: February 21, 1968, at the Medical Center; March 12, 1968, Urbana (Annual Meeting); and April 17, 1968.

RECESS

On motion of Mr. Grimes, the regular meeting was recessed and the President of the Board stated that a meeting of the Committee on Buildings and Grounds had been called and that an executive session had been requested and was being ordered following the Committee meeting to consider recommendations relating to property acquisitions and pending litigation.

EXECUTIVE SESSION

When the Board reconvened, the same members of the Board, officers of the Board, and officers of the University as recorded at the beginning of these minutes were present.

The Board considered the following recommendations from the President of the University.

ACQUISITION OF PROPERTIES AT 1116-1118 WEST NEVADA STREET, URBANA

(31) The President of the University recommends adoption of the following resolution for the acquisition of the properties at 1116-1118 West Nevada Street, Urbana, through condemnation proceedings, and further requests authorization of settlement of the condemnation suit if such settlement can be effected at a price that is within the appraisals received by the University.

The property at 1116 West Nevada Street is 65 feet by 156 feet, and the property at 1118 West Nevada Street, which is owned by the same party, is 65.5 feet by 90 feet (a total of 16,035 square feet). The properties are improved with two frame student rooming houses and a small corner food concession building.

The University has been negotiating with the owner of these properties, and the owner has been advised that a recommendation will be submitted to the Board of Trustees for their purchase at a total price of \$180,000, based on appraisals received by the University. This price is not acceptable to the owner, who is maintaining a price considerably in excess of University appraisals.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

Resolution Authorizing Condemnation of Property at 1116-1118 West Nevada Street, Urbana, Illinois

Be It, and It Is Hereby Resolved, Found and Declared by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following-described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

Lot Seventeen (17) and the South Ninety (90) Feet of Lot Eighteen (18) of Forestry Heights Addition to the City of Urbana, situated in the City of Urbana, in the County of Champaign, and State of Illinois;

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois for use as a site for an academic building of the University of Illinois and for other educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University

of Illinois to discharge its duty to the people of said State and for public use, that funds are available to the University for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owners of said land through their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owners have refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continue to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Resolved, Found and Declared by The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owners of said property and they and it are unable to agree upon the purchase price to be paid to said owners for the sale and conveyance of said land by said owners thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owners thereof for such land cannot be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Williamson, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Dr. Weatherly.

**PURCHASE OF 1106 WEST SPRINGFIELD AVENUE
AND 1103 WEST STOUGHTON STREET, URBANA**

(32) The President of the University recommends that The Board of Trustees of the University of Illinois request the University of Illinois Foundation to purchase the property at 1106 West Springfield Avenue and the property directly to the north, which is owned by the same party; namely, 1103 West Stoughton Street, Urbana, for the sum of \$35,000 and lease these properties to the University at a rental sufficient to enable the Foundation to pay the interest costs on the loan secured to finance their acquisition. The property at 1106 West Springfield Avenue is 82 feet by 100 feet, and the property at 1103 West Stoughton Street is 66 feet by 100 feet (a total of 14,800 square feet). Improvements on the property consist of a two-story frame dwelling and several outbuildings, which will be demolished and the area used for parking.

On motion of Mr. Grimes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Dr. Weatherly.

PURCHASE OF 1208 WEST CALIFORNIA AVENUE, URBANA

(33) The President of the University recommends that The Board of Trustees of the University of Illinois request the University of Illinois Foundation to purchase the property at 1208 West California Avenue, Urbana, at a price of \$100,000 and lease the property to the University at a rental sufficient to enable the Foundation to pay the interest costs on the loan secured to finance its acquisition. This property consists of an irregular shaped lot 79 feet by 120 feet plus 48 feet by 60 feet (12,360 square feet), and is improved with a three-story brick apartment building.

On motion of Mr. Williamson, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Dr. Weatherly.

PURCHASE OF 301 SOUTH WRIGHT STREET, CHAMPAIGN

(34) The President of the University recommends that The Board of Trustees of the University of Illinois request the University of Illinois Foundation to purchase the property at 301 South Wright Street, Champaign, at a price of \$21,500 and lease the property to the University at a rental sufficient to enable the Foundation to pay the interest costs on the loan secured to finance acquisition of this property. The property consists of a lot with dimensions of 66 feet by 66 feet (4,356 square feet), and is improved with a two-story frame dwelling that is currently being used as a rental property.

On motion of Mr. Hughes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Dr. Weatherly.

PURCHASE OF 605 EAST WHITE STREET, CHAMPAIGN

(35) The President of the University recommends that The Board of Trustees of the University of Illinois request the University of Illinois Foundation to purchase the property at 605 East White Street, Champaign, at a price of \$21,800 and lease the property to the University at a rental sufficient to enable the Foundation to pay the interest costs on the loan secured to finance acquisition of this property. The property consists of a lot 66 feet by 132 feet (8,712 square feet), and is improved with a one-story frame dwelling that is currently occupied by the owner.

On motion of Mr. Grimes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Dr. Weatherly.

There being no further business, on motion of Mr. Grimes, the Board adjourned.

EARL W. PORTER
Secretary

TIMOTHY W. SWAIN
President

LUNCHEON PROGRAM

Guests of the Board at lunch were members of the Educational Committee of the Legislative Commission to Visit and Examine State Institutions; Mrs. Frances B. Watkins and Mr. Irving Dilliard, former members of the Board of Trustees; and wives of the Trustees.

Presentation of Statuettes

Mr. Jones, on behalf of the Trustees, presented miniatures of Lorado Taft's Alma Mater statue to former Trustees Mrs. Frances B. Watkins and Mr. Irving Dilliard in recognition of their contributions to the Board and to the University.

Trustee Emeritus Awards

President Swain conferred the Trustee Emeritus Award upon Mrs. Watkins and Mr. Dilliard. This award, adopted by the Board on March 17, 1962, is conferred upon any Trustee who has retired from the Board after having served a full term, and who wishes to accept such a designation.

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

January 17, 1968



The January meeting of The Board of Trustees of the University of Illinois was held in the Chicago Circle Center, Chicago, Illinois, on Wednesday, January 17, 1968, beginning at 9:00 a.m.

President Timothy W. Swain called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Harold Pogue, Mr. Timothy W. Swain, Mr. Kenney E. Williamson, Mr. Howard W. Clement, Mr. Theodore A. Jones, Governor Otto Kerner, Mr. Ray Page, and Dr. James A. Weatherly were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor Jack W. Peltason, University of Illinois at Urbana-Champaign; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, Legal Counsel; Dr. Daniel C. McCluney, Dean of Faculties, Chicago Circle; Dr. James B. Holderman, Associate Chancellor, Chicago Circle; Mr. Vernon L. Kretschmer, University Associate Director of Physical Plant Planning and Construction; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Eugene S. Pitcher, Assistant to the Director of the Physical Plant, Urbana; Mr. Robert W. Evans, Director of Public Information, Urbana; Mr. Max I. Light, Director of Public Information, Medical Center; Mr. Grover E. Shipton, Director of Public Information, Chicago Circle; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. R. R. Manchester, Treasurer, and Dr. Earl W. Porter, Secretary.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board considered the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

BUDGET FOR 1968 SUMMER SESSION AND FACULTY APPOINTMENTS, URBANA

(1) Submitted herewith are the budget and appointments to the faculty for the 1968 Summer Session at Urbana-Champaign from June 17 to August 10, 1968.

The distribution of the budgeted funds is as follows:

Salaries.....	\$1 487 677
Reserve.....	50 148
<i>Total</i>	(\$1 537 825)
Wages and Expense.....	32 175
Administration.....	\$ 5 000
Departmental.....	27 175
<i>Total Budget</i>	\$1 570 000

Salaries of members of the University faculty recommended for summer session appointments are computed on the basis of the standard formula: two-ninths of the salary of the academic year for eight weeks of service, with proportionate amounts for shorter periods or for part-time service. The appointments being recommended include a number of visiting lecturers from other colleges and universities at the salaries indicated.

I recommend that the appointments to the summer session staff be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes and adjustments and additional appointments as are necessary in accordance with the needs of the University within the allocations of funds indicated.

On motion of Mr. Grimes, these appointments and the summer session budget for Urbana were approved and authority was given as requested by the following vote: Aye, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

	Accountancy	<i>Per Cent Time</i>	<i>Summer Salary</i>
1. Norton M. Bedford, Professor.....		100	\$ 5 400 00
2. Edwin J. DeMaris, Professor.....		50	2 256 00
3. Robert I. Dickey, Professor.....		100	4 578 00
4. Gaze E. Lukas, Professor.....		100	3 400 00
5. C. A. Moyer, Professor.....		100	4 956 00
6. Donald H. Skadden, Professor.....		100	3 934 00
7. _____, Professor.....		50	2 756 00
8. _____, Professor.....		50	1 800 00
9. _____, Associate Professor.....		50	1 623 00
10. _____, Assistant Professor.....		100	3 000 00
11. Seev Neumann, Assistant Professor.....		50	1 278 00
(See Vocational and Technical Education).....		(50)	(1 278 00)
(Total salary).....			(2 556 00)
12. Nancy A. Desmond, Instructor.....		100	1 423 00
			(36 404 00)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
Advertising		
1. S. Watson Dunn, Professor.....	100	\$ 4 000 00
2. C. H. Sandage, Professor.....	25	1 173 00
3. Arnold M. Barban, Associate Professor.....	50	1 400 00
		(6 573 00)
Anthropology		
1. John C. McGregor, Professor.....	100	\$ 3 667 00
2. Demetri B. Shimkin, Professor.....	50	2 112 00
3. Arthur H. Rohn, Jr., Assistant Professor.....	100	2 323 00
4. John F. Yegerlehner, Assistant Professor.....	50	1 067 00
5. Douglas Butterworth, Instructor.....	100	2 223 00
6. _____, Visiting Lecturer.....	100	2 500 00
7. 2.37 FTE Assistants.....		2 528 00
		(16 420 00)
Architecture		
1. Robert L. J. Amico, Assistant Professor.....	100	\$ 2 200 00
2. _____, Associate Professor.....	100	3 112 00
3. _____.....		4 356 00
		(9 668 00)
Art		
1. James R. Shipley, Professor.....	100	\$ 4 889 00
2. Carleton W. Briggs, Professor.....	67	2 076 00
3. Charles A. Dietemann, Professor.....	67	2 372 00
4. Donald E. Frith, Professor.....	67	1 898 00
5. R. E. Hult, Professor.....	67	2 060 00
6. Harold A. Schultz, Professor.....	67	2 594 00
7. Ronald W. Sterkel, Professor.....	100	3 000 00
8. Peter Bodnar, Associate Professor.....	100	2 334 00
9. _____, Assistant Professor.....	67	1 334 00
10. _____, Assistant Professor.....	67	1 364 00
11. _____, Assistant Professor.....	67	1 276 00
12. Edward E. Lancaster, Assistant Professor.....	67	1 304 00
13. _____, Assistant Professor.....	67	1 334 00
14. _____, Assistant Professor.....	100	2 378 00
15. _____, Instructor.....	67	1 186 00
16. Donald W. Pilcher, Instructor.....	67	1 156 00
17. Dennis M. Rowan, Instructor.....	67	1 260 00
18. _____, Visiting Lecturer.....	67	2 000 00
		(35 815 00)
Astronomy		
1. Elaine S. Ayner, Assistant Professor.....	50	\$ 989 00
2. 0.50 FTE Assistant.....		534 00
		(1 523 00)
University of Illinois Bands		
1. Guy M. Duker, Assistant Director.....	33	\$ 1 003 00
		(1 003 00)
Botany		
1. Donald P. Rogers, Professor.....	100	\$ 3 645 00
2. Fakhri Bazzaz, Assistant Professor.....	100	2 089 00
3. Willard W. Payne, Assistant Professor.....	100	2 334 00
4. 1.50 FTE Assistants.....		1 601 00
		(9 669 00)
Graduate School of Business Administration		
1. Paul M. Dauten, Jr., Professor.....	50	\$ 1 333 00
(See Industrial Administration).....	(50)	(1 334 00)
(Total salary).....		(2 667 00)
2. Robert V. Mitchell, Professor of Marketing.....	100	3 823 00
3. Robert N. Corley, Associate Professor of Business Law..	50	1 545 00
4. Henry L. Beekley, Assistant Professor.....	100	2 556 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
5. Danny J. Laughhunn, Assistant Professor.....	100	2 889 00
6. Cyril E. Zoerner, Jr., Assistant Professor.....	100	2 600 00
7. _____.....	50	1 667 00
8. _____.....	50	1 667 00
		(18 080 00)
Business Education		
1. Anna Mahaffey, Visiting Assistant Professor of Vocational and Technical Education.....	100	\$ 2 445 00 (2 445 00)
Ceramic Engineering		
1. Ralph L. Cook, Professor.....	25	\$ 1 017 00
2. A. L. Friedberg, Professor.....	25	1 167 00 (2 184 00)
Chemistry and Chemical Engineering		
1. Arnold M. Hartley, Associate Professor.....	100	\$ 2 467 00
2. John L. Hudson, Assistant Professor.....	100	2 356 00
3. A. Keith Jameson, Visiting Assistant Professor.....	100	2 200 00
4. _____, Visiting Assistant Professor.....	100	2 000 00
5. R. F. Zahrobsky, Instructor..... (Chicago Circle)	100	1 867 00
6. J. M. Fredericksen, Visiting Lecturer.....	100	3 112 00
7. _____, Visiting Lecturer.....	100	3 200 00
8. _____, Visiting Lecturer.....	100	3 200 00
9. _____, Visiting Lecturer.....	100	2 800 00
10. _____, Visiting Lecturer.....	100	2 612 00
11. 12.00 FTE Assistants.....		15 080 00 (40 894 00)
Child Development		
1. _____, Associate Professor.....	50	\$ 1 178 00
2. Collene B. King, Assistant Professor.....	100	1 778 00
3. _____, Visiting Lecturer.....	100	1 912 00
4. 2.00 FTE Assistants.....		2 358 00 (7 226 00)
Civil Engineering		
1. N. M. Newmark, Professor.....	25	\$ 1 634 00
2. R. A. Eubanks, Professor.....	60	2 494 00
3. Edwin H. Gaylord, Jr., Professor.....	50	1 889 00
4. John D. Haltiwanger, Professor.....	70	2 490 00
5. Herbert O. Ireland, Professor.....	70	2 132 00
6. Narbey Khachaturian, Professor.....	70	2 147 00
7. _____, Professor.....	70	2 847 00
8. Ralph B. Peck, Professor of Foundation Engineering....	50	2 312 00
9. _____, Professor.....	50	2 112 00
10. James E. Stallmeyer, Professor.....	70	2 319 00
11. T. H. Thornburn, Professor.....	70	2 287 00
12. John W. Melin, Associate Professor.....	50	1 445 00
13. John T. O'Connor, Associate Professor of Sanitary Engineering.....	35	934 00
14. _____, Assistant Professor.....	70	1 837 00
15. Kam Wu Wong, Assistant Professor.....	50	1 000 00
16. 0.50 FTE Assistant.....		667 00 (30 546 00)
Classics		
1. John L. Heller, Professor.....	25	\$ 1 028 00
2. Susan C. Ford, Assistant Professor.....	100	2 000 00
3. Robin Lakoff, Visiting Lecturer.....	50	1 000 00
(See Linguistic Institute).....	(50)	(1 000 00)
(Total salary).....		(2 000 00)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
4. 2.25 FTE Assistants.....		2 401 00 (6 429 00)
Computer Science		
1. J. Richard Phillips, Assistant Professor.....	100	\$ 2 667 00
2. Paul E. Saylor, Assistant Professor.....	100	2 445 00
3. Jurg Nievergelt, Assistant Professor.....	34	907 00
4. 2.00 FTE Assistants.....		2 400 00 (8 419 00)
Economics		
1. Marvin Frankel, Professor.....	25	\$ 1 112 00
2. Donald R. Hodgman, Professor.....	67	2 963 00
3. Donald W. Paden, Professor.....	33	1 260 00
4. John B. Parrish, Professor.....	100	3 667 00
5. Robert W. Gillespie, Associate Professor.....	100	2 834 00
6. Arthur J. Heins, Associate Professor.....	100	3 056 00
7. Peter Schran, Associate Professor.....	100	3 445 00
8. Case M. Sprenkle, Associate Professor.....	67	1 852 00
9. Stanley W. Steinkamp, Associate Professor.....	67	1 815 00
10. Thomas A. Yancey, Associate Professor.....	67	2 037 00
11. Richard J. Arnould, Assistant Professor.....	100	2 445 00
12. 3.00 FTE Assistants.....		3 334 00 (29 820 00)
Educational Administration and Supervision		
1. Lloyd E. McCleary, Professor.....	100	\$ 4 112 00
2. Merle R. Sumption, Professor.....	100	3 200 00
3. Carl E. Wilsey, Associate Professor.....	100	3 334 00
4. Harold G. Rowe, Assistant Professor.....	100	2 234 00
5. Thomas J. Sergiovanni, Assistant Professor.....	100	2 167 00
6. _____, Assistant Professor.....	100	2 400 00
7. _____, Visiting Lecturer.....	100	3 000 00
8. _____, Visiting Lecturer.....	100	3 000 00
9. 0.50 Assistant.....		570 00 (24 017 00)
Educational Psychology		
1. R. Stewart Jones, Professor.....	50	\$ 1 856 00
2. G. M. Blair, Professor.....	100	3 112 00
3. Norman E. Gronlund, Professor.....	100	3 000 00
4. T. Ernest Newland, Professor.....	100	2 856 00
5. Merle M. Ohlsen, Professor.....	100	3 778 00
6. Cecil H. Patterson, Professor.....	100	3 656 00
7. Ray H. Simpson, Professor.....	100	3 667 00
8. Maurice Tatsuoka, Professor.....	100	3 000 00
9. Richard C. Anderson, Associate Professor.....	100	3 712 00
10. Martin L. Maehr, Associate Professor.....	100	2 778 00
11. W. L. Shoemaker, Associate Professor.....	100	2 700 00
12. Stewart Cohen, Assistant Professor.....	100	2 112 00
13. Daniel J. Delaney, Assistant Professor.....	100	2 345 00
14. Thomas J. Long, Assistant Professor.....	100	2 223 00
15. Michael J. Masucci, Assistant Professor.....	100	2 245 00
16. Thomas C. McNamara, Assistant Professor.....	100	2 000 00
17. Harold A. Moses, Assistant Professor.....	100	2 112 00
18. Kenneth J. Travers, Assistant Professor of Secondary and Continuing Education.....	100	2 500 00
19. William C. Wellner, Assistant Professor of Secondary and Continuing Education.....	100	2 445 00
20. Charles K. West, Assistant Professor.....	100	2 278 00
21. Joseph Zaccaria, Assistant Professor.....	100	2 334 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
22. Lewis R. Aiken, Jr., Visiting Lecturer.....	100	3 400 00
(Department of Psychology, Guilford College, Greensboro, North Carolina 27410)		
23. C. Anne Moreton, Visiting Lecturer.....	100	2 650 00
(Charlotte Mason College, Ambleside, Westmorland, England)		
24. Roger Gene Stewart, Visiting Lecturer.....	100	2 400 00
(Department of Psychology, Central Washington State College, Ellensburg, Washington 98926)		
25. _____, Visiting Lecturer.....	100	3 200 00
26. _____, Visiting Lecturer.....	100	3 200 00
27. _____, Visiting Lecturer (July 15 to August 10) ..	100	1 300 00
28. _____, Visiting Lecturer.....	100	2 800 00
29. _____, Visiting Lecturer.....	100	2 600 00
30. _____, Visiting Lecturer.....	100	3 000 00
31. _____, Visiting Lecturer.....	100	2 500 00
32. _____, Visiting Lecturer.....	100	3 000 00
33. 4.25 FTE Assistants.....		5 086 00
		(91 845 00)

Electrical Engineering

1. Willis L. Emery, Professor.....	100	\$ 4 267 00
2. G. H. Fett, Professor.....	100	4 312 00
3. M. S. Helm, Professor.....	100	3 178 00
4. _____, Professor.....	100	3 378 00
5. Millard S. McVay, Professor.....	50	1 723 00
6. P. F. Schwarzlose, Professor.....	50	1 556 00
7. Roger W. Burtness, Associate Professor.....	100	3 145 00
8. Milton H. Crothers, Associate Professor.....	100	3 200 00
9. Paul R. Egbert, Associate Professor.....	100	2 867 00
10. Paul K. Hudson, Associate Professor.....	100	3 067 00
11. _____, Associate Professor.....	100	2 712 00
12. Julius O. Kopplin, Associate Professor.....	100	2 956 00
13. P. Edward Mast, Associate Professor.....	100	3 112 00
14. _____, Assistant Professor.....	50	1 178 00
15. Arnold W. Dipert, Assistant Professor.....	100	2 245 00
16. John P. Gordon, Instructor.....	50	1 000 00
17. Larry M. Peterson, Instructor.....	100	1 408 00
18. William D. Petty, Instructor.....	50	667 00
19. Patrick Shea, Instructor.....	50	667 00
20. Robert R. Valleni, Instructor.....	100	1 423 00
21. 3.00 FTE Assistants.....		3 000 00
		(51 061 00)

Elementary Education

1. Theodore Manolakes, Professor.....	50	\$ 1 850 00
2. Fred P. Barnes, Professor.....	100	3 556 00
3. Kenneth M. Lansing, Professor of Art.....	100	2 956 00
4. John E. McGill, Professor.....	100	3 423 00
5. Walter J. Moore, Professor.....	100	3 089 00
6. J. Harlan Shores, Professor.....	100	4 300 00
7. _____, Associate Professor of Science Education..	100	2 456 00
8. Harold H. Lerch, Associate Professor.....	100	3 045 00
9. William Powell, Associate Professor.....	100	2 967 00
10. Dale E. Bennett, Assistant Professor.....	100	2 167 00
11. Norman R. Dodi, Assistant Professor.....	100	2 223 00
12. George W. Hardiman, Assistant Professor of Art.....	100	2 223 00
13. Clarence Phillips, Assistant Professor of Mathematics... 50		1 111 00
(See Mathematics)..... (50)		(1 112 00)
(Total salary).....		(2 223 00)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
14. _____	100	1 500 00
15. _____	100	1 500 00
16. _____, Visiting Lecturer	100	2 500 00
17. _____, Visiting Lecturer	100	2 400 00
18. _____, Visiting Lecturer	100	2 400 00
19. 3.40 FTE Assistants		3 857 00 (49 523 00)
English		
1. Daniel Curley, Professor	100	\$ 3 045 00
2. Julius N. Hook, Professor	50	1 949 00
3. Donald Smalley, Professor	50	1 889 00
4. Rocco L. Fumento, Associate Professor	100	2 467 00
5. Glenn P. Haskell, Associate Professor	50	1 223 00
6. Dale V. Kramer, Associate Professor	100	2 445 00
7. Richard J. Loftus, Associate Professor	100	2 467 00
8. John T. Maguire, Associate Professor of Business and Technical Writing	50	1 334 00
9. Frank Moake, Associate Professor	100	2 734 00
10. Gary S. Adelman, Assistant Professor	50	1 078 00
11. _____, Assistant Professor	100	2 000 00
12. Robert P. Fox, Assistant Professor	100	2 000 00
13. John A. Hamilton, Assistant Professor	100	1 956 00
14. Donald J. Hogan, Assistant Professor	100	2 156 00
15. _____, Assistant Professor	50	1 067 00
16. Mary A. Hussey, Assistant Professor	100	1 967 00
17. _____, Assistant Professor	100	2 100 00
18. Olgerts Puravs, Assistant Professor	100	2 000 00
19. Charles Sanders, Assistant Professor	50	1 278 00
20. _____, Assistant Professor	50	1 000 00
21. Donald C. Stewart, Assistant Professor	100	2 023 00
22. Arnold M. Tibbetts, Assistant Professor	100	2 167 00
23. Albert C. Tillman, Assistant Professor	50	989 00
24. Leon Waldoff, Assistant Professor	100	2 000 00
25. _____, Instructor	100	1 767 00
26. Robert E. Chapdu, Instructor in Business and Technical Writing	50	839 00
27. George H. Douglas, Assistant Professor of Business and Technical Writing	50	823 00
28. Eloise C. Enata, Instructor	100	1 923 00
29. Rebecca G. Hohn, Instructor	100	1 423 00
30. Anthony Kaufman, Instructor	100	1 778 00
31. Maria Keen, Instructor	100	1 578 00
32. Alan M. Koral, Instructor	50	900 00
33. Anne Long, Instructor	50	978 00
34. Wilmer A. Lamar, Lecturer	100	2 534 00
35. _____, Visiting Lecturer	50	1 732 00
36. 5.00 FTE Assistants		5 691 00 (67 300 00)
Entomology		
1. _____	100	\$ 1 200 00 (1 200 00)
Finance		
1. Robert W. Mayer, Professor	100	\$ 3 645 00
2. _____, Assistant Professor	100	2 723 00
3. _____, Instructor	100	2 556 00
4. 0.75 FTE Assistant		800 00 (9 724 00)
French		
1. Bruce H. Mainous, Professor	50	\$ 1 834 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
2. _____, Professor	100	2 934 00
3. _____, Associate Professor	50	1 234 00
4. Edwin Jahiel, Associate Professor.....	100	3 556 00
5. Melvin K. Myers, Associate Professor.....	50	1 334 00
(See Language Laboratory).....	(50)	(1 334 00)
(Total salary)		(2 668 00)
6. Guy L. Laprevotte, Visiting Assistant Professor.....	50	1 112 00
7. Noelle Laprevotte, Visiting Assistant Professor.....	50	1 112 00
8. Larkin B. Price, Assistant Professor.....	100	2 100 00
9. Stanley L. Shinall, Assistant Professor.....	50	1 056 00
10. _____, Assistant Professor.....	100	2 178 00
11. Frank E. Baker, Instructor.....	50	667 00
12. Franklin Mander, Instructor.....	50	950 00
13. Patrick D. Persaud, Instructor.....	50	767 00
14. Samir Habib Rizk, Instructor.....	50	667 00
15. Anna Maria M. Sagi, Instructor.....	50	834 00
16. Guy L. Trail, Instructor.....	50	667 00
17. 5.50 FTE Assistants.....		5 869 00
		(28 871 00)
General Engineering		
1. Edward D. Ebert, Professor.....	50	\$ 1 578 00
2. Wayne L. Shick, Professor.....	50	1 500 00
3. Robert P. Borri, Associate Professor.....	50	1 334 00
4. John P. Hipskind, Assistant Professor.....	100	2 200 00
5. Morris Scheinman, Assistant Professor.....	100	2 489 00
		(9 101 00)
Division of General Studies		
1. Walter H. Draper, Assistant Professor.....	100	\$ 2 045 00
2. Glen E. Gaides, Assistant Professor.....	100	2 267 00
3. Edmund S. Cameron, Instructor.....	100	1 867 00
4. _____, Instructor	50	700 00
5. _____, Instructor	50	645 00
6. _____, Instructor	50	645 00
7. 1.00 FTE Assistant.....		1 067 00
		(9 236 00)
Geography		
1. John H. Garland, Professor.....	100	\$ 2 889 00
2. C. S. Alexander, Associate Professor.....	100	3 000 00
3. Placido D. LaValle, Assistant Professor.....	100	2 667 00
4. R. W. Durrenberger, Visiting Lecturer.....	100	3 780 00
(Chairman and Professor, Department of Geography, San Fernando Valley State College, Northridge, California)		
5. _____, Visiting Lecturer.....	100	2 667 00
6. 2.0 FTE Assistants.....		2 135 00
		(17 138 00)
Geology		
1. Ralph I. Langeheim, Professor.....	100	\$ 2 889 00
2. _____, Professor	100	3 600 00
3. _____, Professor	100	4 000 00
4. Frank L. Koucky, Visiting Lecturer.....	100	2 600 00
5. W. Hilton Johnson, Assistant Professor.....	100	2 334 00
6. David E. Anderson, Assistant Professor.....	100	2 334 00
7. 2.0 FTE Assistants.....		2 134 00
		(19 891 00)
Germanic Languages and Literatures		
1. H. G. Haile, Professor.....	50	\$ 1 634 00
2. John R. Frey, Professor.....	100	3 823 00
3. Ernst A. Philippson, Professor.....	100	4 223 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
4. Herbert Knust, Associate Professor.....	100	2 512 00
5. Pauline S. Schwalbe, Assistant Professor.....	100	2 000 00
6. Juw fon Wearinga, Assistant Professor.....	50	1 023 00
7. Roy F. Allen, Instructor.....	100	1 889 00
8. Erik F. Graubart, Instructor.....	50	906 00
9. 6.70 Assistants.....		7 451 00 (25 461 00)
Health and Safety Education		
1. Howard S. Hoyman, Professor of Health Education.....	100	\$ 4 634 00
2. A. E. Florio, Professor of Safety Education.....	50	1 945 00
3. John Conley, Instructor.....	100	1 800 00 (8 379 00)
History		
1. C. Ernest Dawn, Professor.....	100	\$ 3 356 00
2. Clark C. Spence, Professor.....	50	1 823 00
3. Bennett D. Hill, Associate Professor.....	100	2 445 00
4. Robert M. McColley, Associate Professor.....	100	2 556 00
5. Thomas Kelly, Visiting Lecturer..... (4823-106 Street, Edmonton, Alberta)	100	2 500 00
6. Patrick Lipscomb, Visiting Lecturer..... (224 Corby Drive, Baton Rouge, Louisiana)	100	2 556 00
7. James McRandle, Visiting Lecturer..... (Purdue University, West Lafayette, Indiana)	100	3 000 00
8. Peter Schmitt, Visiting Lecturer..... (Western Michigan University, Kalamazoo, Michigan)	100	2 300 00
9. Paul J. Stewart, Visiting Lecturer..... (205 Hessel, Champaign, Illinois)	100	2 445 00
10. 4.50 FTE Assistants.....		4 802 00 (27 783 00)
History and Philosophy of Education		
1. _____, Professor of Philosophy of Education.....	50	\$ 2 500 00
2. Harry S. Broudy, Professor of Philosophy of Education..	100	5 078 00
3. W. V. Kaulfers, Professor of Secondary and Contin- uing Education	100	2 789 00
4. W. O. Stanley, Professor of Philosophy of Education...	100	3 623 00
5. Foster McMurray, Associate Professor of Philosophy of Education	100	2 545 00
6. Alan Peshkin, Associate Professor of Comparative Ed- tion	100	2 445 00
7. Walter Feinberg, Assistant Professor of Philosophy of Education	100	2 489 00
8. E. V. Johannmeier, Visiting Lecturer..... (School of Education, Hofstra University, Hempstead, L. I., New York)	50	1 100 00
9. Adolphe E. Meyer, Visiting Lecturer..... (Cobbs Creek, Virginia)	100	3 400 00
10. K. C. Mukherjee, Visiting Lecturer..... (University of London, Institute of Education, Malet Street, W. C. 1, London, England)	100	2 200 00
11. _____, Visiting Lecturer.....	100	2 819 00
12. _____, Visiting Lecturer.....	100	2 460 00
13. _____, Visiting Lecturer.....	100	2 460 00
14. _____, Visiting Lecturer.....	100	2 460 00
15. _____, Visiting Lecturer.....	100	2 460 00
16. _____, Visiting Lecturer.....	100	2 460 00
17. 2.00 FTE Assistants.....		2 272 00 (45 560 00)
Home Economics		
1. Harold H. Alexander, Associate Professor of Housing and Home Furnishings (June 17 to July 13).....	100	\$ 1 423 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
2. Glenna H. Lamkin, Associate Professor (July 15 to August 10)	100	1 123 00
3. Queenie B. Mills, Associate Professor of Child Development	100	2 978 00
4. Frances M. LaFont, Assistant Professor of Foods and Nutrition	65	1 156 00
5. Grace J. Ewing, Instructor of Textiles and Clothing....	50	756 00
6. _____, Visiting Lecturer (June 17 to July 13)....	100	1 334 00
		(8 770 00)
Industrial Administration		
1. B. F. Kirkpatrick, Associate Professor	50	\$ 1 123 00
2. Paul C. Roberts, Professor of Business Law	50	1 656 00
3. David R. Day, Associate Professor	50	1 589 00
4. Paul M. Dauten, Jr., Professor of Management	50	1 334 00
(See Graduate School of Business Administration)....	(50)	(1 333 00)
(Total salary)		(2 667 00)
5. Willem B. van Groenou, Instructor	100	2 305 00
6. 2.50 FTE Assistants		2 668 00
		(10 675 00)
Journalism		
1. John H. Schacht, Associate Professor	50	\$ 1 467 00
2. Thomas H. Guback, Assistant Professor	50	1 178 00
		(2 645 00)
Landscape Architecture		
1. Thomas C. Hazlett, Associate Professor	33	\$ 934 00
		(934 00)
Language Laboratory		
1. Melvin K. Myers, Coordinator	50	\$ 1 334 00
(See French)	(50)	(1 334 00)
(Total salary)		(2 668 00)
2. 0.75 FTE Assistant		800 00
		(2 134 00)
Law		
<i>First Term (June 10 to July 17)</i>		
1. Rubin G. Cohn, Professor	100	\$ 4 000 00
2. Peter H. Hay, Professor	100	3 167 00
3. Prentice H. Marshall, Professor	100	4 167 00
4. _____, Professor	100	3 334 00
5. _____, Professor	100	4 334 00
6. Harry D. Krause, Associate Professor	100	2 750 00
7. Peter B. Maggs, Associate Professor	100	2 250 00
8. John H. McCord, Assistant Professor	100	2 167 00
		(26 169 00)
<i>Second Term (July 18 to August 24)</i>		
1. C. H. Bowman, Professor	100	3 267 00
2. Kenneth S. Carlston, Professor	100	3 617 00
3. Charles W. Quick, Professor	100	4 167 00
4. _____, Professor	100	3 384 00
5. J. Nelson Young, Professor	100	4 334 00
6. Marion W. Benfield, Jr., Associate Professor	100	2 500 00
7. _____, Associate Professor	100	2 767 00
		(24 036 00)
Graduate School of Library Science		
1. Frances Jenkins, Professor	50	\$ 1 795 00
2. Bruno Nettel, Professor	25	712 00
(See Music)	(75)	(2 133 00)
(Total salary)		(2 845 00)
3. Rolland E. Stevens, Professor	100	3 389 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
4. Alice Lohrer, Associate Professor.....	100	2 712 00
5. Walter C. Allen, Assistant Professor.....	100	2 000 00
6. Oliver T. Field, Assistant Professor.....	100	2 756 00
7. Kathryn L. Henderson, Assistant Professor.....	50	923 00
8. Cora E. Thomassen, Assistant Professor.....	100	2 267 00
9. _____, Instructor.....	50	645 00
10. _____.....	50	782 00
11. Murray Bob, Visiting Lecturer..... (Director, Chatauqua, Gattaraugus Library System, Jamestown, New York)	100	2 750 00
12. Ida Goshkin, Visiting Lecturer..... (2917 West Leland Avenue, Chicago, Illinois 60625)	100	2 000 00
13. Ellsworth Mason, Visiting Lecturer (July 15 to August 10)..... (71 Meadow Street, Garden City, New York)	100	2 400 00
14. Mrs. Rosalind Miller, Visiting Lecturer..... (8100 Marilyn Court, Berkeley, Missouri 63134)	100	2 000 00
15. Mary Piggott, Visiting Lecturer..... (Senior Lecturer, School of Librarianship and Ar- chives, University College, London, Gower Street, London, W.C.1, England)	100	2 500 00
16. Emily M. Schossberger, Visiting Lecturer (June 17 to July 13)..... (Director, University of Notre Dame Press, Notre Dame, Indiana)	100	1 200 00
17. Norman D. Stevens, Visiting Lecturer..... (Acting University Librarian, Rutgers University, New Brunswick, New Jersey 08901)	100	2 750 00
18. Sarah K. Vann, Visiting Lecturer (July 15 to August 10)..... (School of Graduate Library Studies, New York State University, Buffalo, New York 14214)	100	1 200 00
19. _____.....	100	1 200 00
20. _____.....	100	2 200 00
21. _____.....	100	2 000 00
22. _____.....	100	2 150 00
23. 8.00 FTE Assistants.....		8 544 00
		(50 875 00)
Linguistics		
1. J. H. D. Allen, Professor..... (See Spanish, Italian, and Portuguese)..... (Total salary).....	50 (50)	\$ 1 845 00 (1 844 00) (3 689 00)
2. Theodore M. Lightner, Assistant Professor..... (See Slavic Languages and Literatures)..... (Total salary).....	75 (25)	1 667 00 (556 00) (2 223 00)
3. Arnold M. Zwicky, Jr., Assistant Professor.....	50	1 167 00 (4 679 00)
Marketing		
1. Fred M. Jones, Professor.....	50	\$ 1 628 00
2. Joel B. Cohen, Assistant Professor.....	50	1 300 00
3. Donald G. Frederick, Assistant Professor.....	50	1 556 00
4. _____, Assistant Professor.....	50	1 278 00
5. Herbert L. Lyon, Instructor.....	50	800 00
6. 0.50 FTE Assistant.....		645 00 (7 207 00)
Mathematics		
1. Colin R. Blyth, Professor.....	100	\$ 3 667 00
2. Mahlon M. Day, Professor.....	100	5 200 00
3. R. G. Langebartel, Professor.....	100	3 334 00
4. _____, Professor.....	100	5 400 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
5. Robert B. Ash, Associate Professor.....	100	2 667 00
6. William A. Ferguson, Associate Professor.....	100	3 000 00
7. Hiram Paley, Associate Professor.....	100	2 556 00
8. J. William Peters, Associate Professor.....	100	3 000 00
9. Elliot C. Weinberg, Associate Professor.....	100	2 556 00
10. Geneva G. Belford, Assistant Professor.....	100	2 000 00
11. Bruce C. Berndt, Assistant Professor.....	100	2 112 00
12. Gavin Brown, Visiting Assistant Professor.....	100	2 000 00
13. Henry R. Dowson, Visiting Assistant Professor.....	100	2 000 00
14. Robert P. Kaufman, Assistant Professor.....	100	2 112 00
15. L. H. Lanier, Jr., Visiting Lecturer.....	100	2 300 00
(University of Virginia, Charlottesville, Virginia)		
16. Dany Leviatan, Visiting Assistant Professor.....	100	2 000 00
17. Phyllis G. Parr, Assistant Professor.....	100	2 067 00
18. Clarence Phillips, Assistant Professor.....	50	1 112 00
(See Elementary Education)..... (50)		
(Total salary)..... (2 223 00)		
19. Oliver Pretzel, Visiting Assistant Professor.....	100	2 000 00
20. Irma Reiner, Assistant Professor.....	100	2 300 00
21. Luis Ribes, Visiting Assistant Professor.....	100	2 000 00
22. _____, Assistant Professor.....	100	2 000 00
23. Frances Day, Instructor.....	100	1 956 00
24. _____, Instructor.....	100	1 334 00
25. Joseph Miles, Visiting Lecturer.....	100	1 600 00
(Department of Mathematics, University of Wisconsin, Madison, Wisconsin)		
26. _____, Instructor.....	100	1 600 00
27. _____, Instructor.....	100	1 600 00
28. 23.00 FTE Assistants.....		24 840 00
		(90 313 00)
Mechanical and Industrial Engineering		
1. _____, Professor.....	50	\$ 1 756 00
2. Eugene F. Hebrank, Professor.....	50	1 778 00
3. William L. Hull, Professor.....	50	1 889 00
4. John C. Miles, Professor.....	75	2 201 00
5. Lester D. Savage, Jr., Associate Professor.....	67	1 926 00
6. Ross P. Strout, Associate Professor.....	75	1 851 00
7. John L. Whisenand, Associate Professor.....	75	1 684 00
8. S. Ramalingam, Assistant Professor.....	83	1 667 00
9. Morse B. Singer, Instructor.....	50	1 112 00
10. 1.25 FTE Assistants.....		1 512 00
		(17 376 00)
Microbiology		
1. F. M. Clark, Professor.....	100	\$ 3 178 00
2. 2.50 FTE Assistants.....		2 668 00
		(5 846 00)
Music		
1. Bjornar Bergethon, Professor.....	100	\$ 3 356 00
2. Dorothy Bowen, Professor.....	100	3 134 00
3. Harold A. Decker, Professor.....	100	3 712 00
4. Peter S. Farrell, Professor.....	67	1 868 00
5. Bruce R. Foote, Professor.....	100	4 134 00
6. L. Thomas Fredrickson, Professor.....	100	2 734 00
7. John C. Garvey, Professor.....	67	1 986 00
8. Scott Goldthwaite, Professor.....	100	3 978 00
9. Jerald Hamilton, Professor.....	100	3 045 00
10. Ben B. Johnston, Jr., Professor.....	100	2 667 00
11. King Kellogg, Professor.....	100	2 867 00
12. Colleen J. Kirk, Professor.....	75	2 084 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
13. Everett D. Kisinger, Professor	100	3 289 00
14. Charles Leonhard, Professor.....	100	4 178 00
15. A. J. McDowell, Professor.....	100	3 045 00
16. Bruno Nettl, Professor.....	75	2 133 00
(See Library Science).....	(25)	(712 00)
(Total salary).....		(2 845 00)
17. Paul S. Pettinga, Professor.....	67	2 326 00
18. Alexander L. Ringer, Professor.....	100	3 978 00
19. Haskell O. Sexton, Professor.....	100	3 334 00
20. Ludwig Zirner, Professor.....	100	3 578 00
21. James Louis Bailey, Associate Profesor.....	100	2 534 00
22. Andrew Morris Carter, Associate Professor.....	25	729 00
23. Willis R. Coggins, Associate Professor.....	50	1 167 00
24. Richard J. Colwell, Associate Professor.....	100	3 356 00
25. Blaine E. Edlefsen, Associate Professor.....	67	1 512 00
26. Thomas L. Holden, Associate Professor.....	50	1 078 00
27. Howard Karp, Associate Professor.....	100	2 800 00
28. Edward J. Krollick, Associate Professor.....	33	756 00
29. Jack H. McKenzie, Associate Professor.....	50	1 345 00
30. Robert E. Thomas, Associate Professor.....	100	2 645 00
31. Gerard Behague, Assistant Professor.....	100	1 845 00
32. Eric L. Dalheim, Assistant Professor.....	100	1 889 00
33. _____, Assistant Professor.....	50	1 223 00
34. Daniel L. Kohut, Assistant Professor.....	50	1 278 00
35. James B. Lyke, Assistant Professor.....	75	1 650 00
36. _____, Assistant Professor.....	25	495 00
37. Donald G. Andrus, Instructor.....	33	519 00
38. Malcolm Bilson, Instructor.....	100	1 845 00
39. Virginia Farmer, Instructor.....	50	778 00
40. Sven H. Hansell, Instructor.....	100	1 912 00
41. Raymond J. Nutaitis, Instructor.....	100	1 734 00
42. Fred W. Omer, Instructor.....	50	934 00
43. _____, Instructor.....	100	1 556 00
44. _____, Instructor.....	50	823 00
45. Franz L. Roehmann, Visiting Lecturer.....	100	1 556 00
(University of Minnesota, Minneapolis, Minnesota)		
46. Joyce Rosenfield, Instructor.....	25	445 00
47. _____, Visiting Lecturer.....	50	1 189 00
48. Anis Fuleihan, Visiting Lecturer.....	100	3 704 00
49. _____.....	33	800 00
50. _____.....	13	500 00
51. _____.....	12	500 00
52. 5.00 FTE Assistants.....		5 335 00
		(111 858 00)

Nuclear Engineering

1. Marvin E. Wyman, Professor.....	50	\$ 2 389 00
2. George H. Miley, Professor.....	100	3 112 00
3. Bernard W. Wehring, Assistant Professor.....	80	1 743 00
		(7 244 00)

Philosophy

1. _____, Professor.....	100	\$ 4 000 00
2. Charles E. Caton, Associate Professor.....	100	3 112 00
3. Harry M. Tiebout, Jr., Associate Professor.....	100	2 823 00
4. Hugh S. Chandler, Assistant Professor.....	100	2 089 00
5. _____, Assistant Professor.....	100	2 112 00
6. John P. Murphy, Instructor.....	100	2 067 00
7. 1.25 FTE Assistants.....		1 334 00
		(17 537 00)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
Physical Education for Men		
1. Earle F. Zeigler, Professor.....	100	\$ 4 100 00
2. Alfred W. Hubbard, Professor.....	100	3 034 00
3. Guenther Lueschen, Associate Professor.....	50	1 500 00
(See Sociology).....	(50)	(1 500 00)
(Total salary).....		(3 000 00)
4. R. E. Shelton, Associate Professor.....	100	2 867 00
5. Rollin G. Wright, Associate Professor.....	75	2 250 00
6. Burleigh Don Franks, Assistant Professor.....	100	1 889 00
7. Jack E. Razor, Assistant Professor.....	75	1 667 00
8. Bradley L. Rothermel, Assistant Professor.....	75	1 500 00
9. Marianna Trezell, Assistant Professor.....	50	1 245 00
10. Robert L. Case, Instructor.....	75	1 301 00
11. Thomas Flanigan, Instructor.....	50	717 00
12. Leonard O. Greninger, Instructor.....	50	645 00
13. Emory F. Luck, Instructor.....	50	923 00
14. William J. Penny, Instructor.....	60	1 127 00
15. Eugene Stauber, Instructor.....	25	609 00
16. Paul Weiss, Visiting Lecturer.....	25	1 400 00
(Yale University, 3023 Ezra Stiles College, New Haven, Connecticut)		
17. _____, Visiting Lecturer.....	25	1 500 00
Physical Education for Women		
1. Phyllis J. Hill, Associate Professor.....	90	\$ 2 300 00
2. Evelyn L. Schurr, Associate Professor.....	75	2 167 00
3. Annelis S. Hoyman, Assistant Professor.....	40	818 00
4. Willis W. Ward, Jr., Assistant Professor.....	65	1 221 00
5. Mary H. Slaughter, Instructor.....	75	1 334 00
6. Karol Kahrs, Instructor.....	100	1 778 00
7. _____,.....	40	880 00
8. 1.00 FTE Assistant.....		600 00
		(11 098 00)
Physics		
1. _____, Visiting Lecturer.....	100	\$ 3 000 00
2. _____, Visiting Lecturer.....	100	3 000 00
3. _____, Visiting Lecturer.....	100	3 000 00
4. 1.50 FTE Assistants.....		1 740 00
		(10 740 00)
Physiology and Biophysics		
1. A. B. Taylor, Professor.....	100	\$ 3 167 00
2. John D. Anderson, Professor.....	100	3 045 00
3. 4.00 FTE Assistants.....		4 268 00
		(10 480 00)
Political Science		
1. Karl O'Lessker, Visiting Professor.....	100	\$ 3 778 00
2. George Manner, Associate Professor.....	100	2 445 00
3. Richard Merritt, Associate Professor.....	100	3 334 00
4. Stephen A. Douglas, Assistant Professor.....	100	2 556 00
5. George Lipsky, Visiting Lecturer.....	100	3 000 00
(Wabash College, Crawfordsville, Indiana)		
6. 1.00 FTE Assistant.....		1 067 00
		(16 180 00)
Psychology		
1. Donelson E. Dulany, Jr., Professor.....	100	\$ 3 223 00
2. William E. Kappauf, Professor.....	50	2 045 00
3. _____, Professor.....	100	3 889 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
4. George B. Graen, Assistant Professor.....	100	2 112 00
5. Richard J. Rose, Assistant Professor.....	100	2 278 00
6. 1.50 FTE Assistants.....		1 602 00 (15 149 00)
Radio and Television		
1. John A. Regnell, Assistant Professor.....	25	\$ 663 00 (663 00)
Recreation and Park Administration		
1. Allen V. Sabora, Professor.....	100	\$ 3 978 00
2. Edward H. Storey, Professor.....	100	3 428 00
3. Maxwell R. Garret, Associate Professor.....	100	3 000 00
4. Mary V. Frye, Assistant Professor.....	50	1 200 00
5. Adah D. Parker, Assistant Professor.....	100	2 445 00 (14 051 00)
Secondary and Continuing Education		
1. John J. DeBoer, Professor.....	100	\$ 3 400 00
2. Clyde Knapp, Professor.....	50	1 450 00
3. _____, Professor of English Education.....	100	3 000 00
4. Lawrence E. Metcalf, Professor.....	100	3 789 00
5. Jerry L. Walker, Associate Professor.....	100	2 767 00
6. Alan Madsen, Assistant Professor.....	100	2 000 00
7. _____, Visiting Lecturer.....	50	1 000 00
8. _____, Visiting Lecturer.....	50	1 000 00
9. 1.00 FTE Assistant.....		1 168 00 (19 574 00)
Slavic Languages and Literatures		
1. Kurt Klein, Associate Professor.....	50	\$ 1 334 00
2. Temira Pachmuss, Associate Professor.....	50	1 389 00
3. Theodore M. Lightner, Assistant Professor.....	25	556 00
(See Linguistics).....	(75)	(1 667 00)
(Total salary).....		(2 223 00)
4. Michael Curran, Instructor.....	100	2 000 00
5. Valdis Zeps, Visiting Lecturer.....	100	3 000 00
(c/o Slavic Department, University of Wisconsin, Madison, Wisconsin)		
6. 1.50 FTE Assistants.....		1 601 00 (9 880 00)
Sociology		
1. H. Y. Tien, Associate Professor.....	100	\$ 2 945 00
2. Guenther Lueschen, Associate Professor.....	50	1 500 00
(See Physical Education for Men).....	(50)	(1 500 00)
(Total salary).....		(3 000 00)
3. 0.75 FTE Assistant.....		801 00 (5 246 00)
Spanish, Italian, and Portuguese		
1. J. H. D. Allen, Professor.....	50	\$ 1 884 00
(See Linguistics).....	(50)	(1 845 00)
(Total salary).....		(3 689 00)
2. Henry R. Kahane, Professor of Spanish.....	50	2 000 00
(See Linguistic Institute).....	(50)	(2 000 00)
(Total salary).....		(4 000 00)
3. Joseph S. Flores, Professor of Spanish.....	100	3 067 00
4. _____, Professor of Spanish.....	100	3 778 00
5. Robert E. Lott, Associate Professor of Spanish.....	100	3 445 00
6. Warren L. Meinhardt, Assistant Professor of Spanish...	100	2 156 00
7. _____, Assistant Professor of Spanish.....	100	2 334 00
8. R. R. Hinojosa-Smith, Instructor in Spanish.....	100	1 445 00

	<i>Per Cent Time</i>	<i>Summer Salary</i>
9. A. M. Penuel, Instructor.....	80	1 032 00
10. 2.50 FTE Assistants.....		2 668 00
		(23 769 00)

Special Education

1. Robert A. Henderson, Professor.....	50	\$ 1 639 00
2. Merle B. Karnes, Professor.....	100	3 545 00
3. Laura J. Jordan, Associate Professor.....	100	2 434 00
4. Gary M. Clark, Assistant Professor.....	100	2 123 00
5. Adrian Durant, Assistant Professor.....	50	1 606 00
6. Ernest Washington, Assistant Professor.....	50	1 112 00
7. Richard F. Uhlir, Instructor.....	100	2 000 00
8. _____, Instructor.....	50	634 00
9. Ruby J. Phillips, Specialist in Education.....	100	2 000 00
10. _____, Visiting Lecturer.....	100	2 500 00
11. 1.00 FTE Assistant.....		1 500 00
		(21 093 00)

Speech

1. Henry L. Mueller, Professor.....	50	\$ 1 500 00
2. Mary H. Arbenz, Associate Professor.....	50	1 222 00
(See University Theatre).....	(50)	(1 223 00)
(Total salary).....		(2 445 00)
3. _____, Associate Professor.....	50	1 234 00
4. Kenneth Burns, Associate Professor.....	50	1 267 00
5. Thomas M. Scheidel, Associate Professor.....	50	1 523 00
6. Thomas O. Sloan, Associate Professor.....	50	1 412 00
7. Bernhard R. Works, Associate Professor.....	50	1 222 00
(See University Theatre).....	(50)	(1 223 00)
(Total salary).....		(2 445 00)
8. _____, Associate Professor.....	50	1 500 00
9. Robert D. Brooks, Assistant Professor.....	50	1 089 00
10. William DeMarco, Assistant Professor.....	100	2 223 00
11. _____, Assistant Professor.....	50	1 023 00
12. _____, Assistant Professor.....	100	1 956 00
13. Earl W. Stark, Assistant Professor.....	100	2 423 00
14. Joan E. Good, Instructor.....	50	833 00
(See Speech Clinic).....	(50)	(834 00)
(Total salary).....		(1 667 00)
15. 2.00 FTE Assistants.....		2 134 00
		(22 561 00)

Speech Clinic

1. Naomi W. Hunter, Assistant Professor.....	100	\$ 2 000 00
2. Frances L. Johnson, Assistant Professor.....	100	2 400 00
3. Joan E. Good, Instructor.....	50	834 00
(See Speech).....	(50)	(833 00)
(Total salary).....		(1 667 00)
4. 0.50 FTE Assistant.....		534 00
		(5 768 00)

Student Teaching**Elementary Student Teaching**

1. 1.00 FTE Assistant.....	50	\$ 1 300 00
		(1 300 00)

Secondary Student Teaching

1. _____, Associate Professor of Secondary and Continuing Education.....	50	1 212 00
2. John E. Erickson, Assistant Professor of Secondary and Continuing Education.....	50	1 034 00
3. 0.50 FTE Assistant.....		650 00
		(2 896 00)
<i>Total Student Teaching.....</i>		(4 196 00)

	Theatre	<i>Per Cent Time</i>	<i>Summer Salary</i>
1. Clara M. Behringer, Professor.....		50	\$ 1 334 00
(See University Theatre).....			(1 333 00)
(Total salary)			(2 667 00)
2. Barnard Hewitt, Professor.....		50	1 956 00
3. Webster L. Smalley, Associate Professor.....		50	1 234 00
4. Paul J. Brady, Instructor.....		50	945 00
5. Don A. Llewellyn, Instructor.....		50	978 00
(See University Theatre).....		(25)	(489 00)
(Total salary)			(1 467 00)
6. _____, Visiting Lecturer		50	1 167 00
			(7 614 00)
University Theatre			
1. Clara M. Behringer, Professor.....		50	\$ 1 333 00
(See Theatre)			(1 334 00)
(Total salary)			(2 667 00)
2. Mary H. Arbenz, Associate Professor.....		50	1 223 00
(See Speech)		(50)	(1 222 00)
(Total salary)			(2 445 00)
3. Genevieve Richardson, Associate Professor.....		75	1 834 00
4. Bernhard R. Works, Associate Professor.....		50	1 223 00
(See Speech)		(50)	(1 222 00)
(Total salary)			(2 445 00)
5. Don A. Llewellyn, Instructor.....		25	489 00
(See Theatre)		(75)	(978 00)
(Total salary)			(1 467 00)
6. 3.00 FTE Assistants.....			3 201 00
			(9 303 00)
Theoretical and Applied Mechanics			
1. Cletus E. Bowman, Professor.....		83	\$ 2 685 00
2. Paul Guy Jones, Professor.....		50	2 000 00
3. Wallace M. Lansford, Professor.....		100	3 956 00
4. Omar M. Sidebottom, Professor.....		75	2 700 00
5. James O. Smith, Professor.....		75	3 334 00
6. Albert C. Bianchini, Associate Professor.....		50	1 178 00
7. George Costello, Associate Professor.....		50	1 378 00
8. John W. Murdock, Associate Professor.....		50	1 223 00
9. Horatio M. Fitch, Assistant Professor.....		50	1 123 00
10. Russell S. Jensen, Assistant Professor.....		33	778 00
			(20 355 00)
Urban Planning			
1. W. I. Goodman, Professor.....		67	\$ 2 964 00
			(2 964 00)
Vocational and Technical Education			
1. Elizabeth J. Simpson, Professor (July 15 to August 10) ..		100	\$ 1 712 00
2. Thomas Baldwin, Associate Professor.....		75	2 667 00
3. Robert A. Campbell, Associate Professor.....		100	2 711 00
4. Mary E. Mather, Associate Professor (June 17 to July 13)		100	1 200 00
5. Robert A. Tinkham, Associate Professor.....		100	2 312 00
6. Robert M. Tomlinson, Associate Professor.....		75	2 226 00
7. Seev Neumann, Assistant Professor.....		50	1 278 00
(See Accountancy)		(50)	(1 278 00)
(Total salary)			(2 556 00)
8. Edward T. Anderson, Instructor.....		50	1 000 00
9. _____, Visiting Lecturer (June 17 to July 13)....		100	2 250 00
10. _____, Visiting Lecturer (June 17 to July 13)....		100	2 200 00
11. _____, Visiting Lecturer (June 17 to July 13)....		100	1 500 00
12. _____, Visiting Lecturer (July 15 to August 10) ..		100	1 500 00
13. _____, Visiting Lecturer (July 15 to August 10) ..		100	1 400 00
14. _____, Visiting Lecturer (June 17 to July 13)....		100	1 223 00
15. _____, Visiting Lecturer (June 17 to July 13)....		100	1 100 00
			(26 279 00)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
Zoology		
1. _____, Professor	40	\$ 1 378 00
2. Hobart M. Smith, Professor.....	100	4 000 00
3. Max R. Matteson, Associate Professor.....	100	2 667 00
4. Edward H. Brown, Assistant Professor.....	80	1 992 00
5. Peter S. Dawson, Assistant Professor.....	80	1 778 00
6. Richard Kreutzer, Instructor.....	100	1 556 00
7. 2.50 FTE Assistants.....		2 668 00
		(16 039 00)
Linguistic Institute		
1. Robert B. Lees, Professor.....	100	\$ 3 845 00
2. Henry R. Kahane, Professor.....	50	2 000 00
(See Spanish, Italian, and Portuguese).....	(50)	(2 000 00)
(Total salary)		(4 000 00)
3. Chin-Woo Kim, Assistant Professor.....	100	2 000 00
4. Michael L. Geis, Instructor.....	50	1 000 00
5. Hans H. Hock, Instructor.....	50	1 000 00
6. Jarvis Bastian, Visiting Lecturer.....	100	2 700 00
(1138 Alice Street, Davis, California 95616)		
7. George Cardona, Visiting Lecturer.....	100	3 400 00
(19 University Mews, Philadelphia, Pennsylvania 19104)		
8. Maurice Gross, Visiting Lecturer.....	100	2 500 00
(55 rue Sedaine, Paris 11, France)		
9. George Lakoff, Visiting Lecturer.....	50	1 200 00
(4 Fernald Drive, Cambridge, Massachusetts 02138)		
10. Robin Lakoff, Visiting Lecturer.....	50	1 000 00
(See Classics)	(50)	(1 000 00)
(Total salary)		(2 000 00)
(4 Fernald Drive, Cambridge, Massachusetts 02138)		
11. Winfred Lehmann, Visiting Lecturer.....	100	6 400 00
(Box 8148, University Station, Austin, Texas 78712)		
12. John Lyons, Visiting Lecturer.....	100	4 600 00
(St. Colme Road, Dalgety Bay, Fife, Scotland)		
13. James McCawley, Visiting Lecturer.....	75	1 900 00
(1117 East Hyde Park Boulevard, Chicago, Illinois 60615)		
14. John R. Ross, Visiting Lecturer.....	75	1 700 00
(32 Mason Terrace, Brookline, Massachusetts 02146)		
15. Sanford Schane, Visiting Lecturer.....	100	2 750 00
(4902 Monongahela Street, San Diego, California 92117)		
16. _____, Visiting Lecturer.....	100	3 600 00
17. _____, Visiting Lecturer.....	100	3 000 00
18. _____, Visiting Lecturer.....	100	3 000 00
19. Robert Wall, Visiting Lecturer.....	50	1 300 00
(430 South Dunn, Apartment 304, Bloomington, Indiana 47401)		
		(48 895 00)
American Council of Learned Societies Grant (44-32-52-102)		
1. Eric P. Hamp, Visiting Lecturer.....	100	\$ 5 600 00
(5200 South Greenwood Avenue, Chicago, Illinois 60615)		
2. T. F. Mitchell, Visiting Lecturer.....	100	3 600 00
(10 Warwick Crescent, Harrogate, Yorkshire, England)		
3. Thomas A. Sebeok, Visiting Lecturer.....	100	5 600 00
(516 East Sixth Street, Indiana University, Bloomington, Indiana 47401)		
		(14 800 00)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
Expense		\$ 1 300 00
Wages		5 500 00
		(6 800 00)
<i>Total, ACLS Grant</i>		(21 600 00)
Departmental Wages and Expense Budget		
Child Development		\$ 400 00
Classics		
Wages, Expense, and Honoraria		660 00
Education		
Wages, Expense, and Honoraria		3 145 00
Forestry Camp		
Wages		1 600 00
Expense		3 900 00
Operation and Maintenance (Camp Rabideau)		2 300 00
		(7 800 00)
Geography		
Expense		500 00
Geology		
Expense		800 00
Graduate College		
Wages		900 00
Linguistic Institute		
Honoraria		2 000 00
Travel		2 500 00
Expense		4 700 00
		(9 200 00)
Recreation and Park Administration		
Expense		2 475 00
Stipends for Supervisors		1 295 00
		(3 770 00)
<i>Total</i>		\$27 175 00

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 Illinois Accountancy Act of 1943, as amended, 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>Names</i>	<i>Adresses</i>	<i>States from Which They Obtained Certificates</i>
DONALD FRANK ISTVAN	Park Ridge, Illinois	Indiana
LAWRENCE MERLE RASKIN	Creve Coeur, Missouri	Missouri

I concur.

On motion of Mr. Pogue, these certificates were awarded.

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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; P— indefinite term appointment for part-time service only; B— two years; D— one year; E— nine months from the beginning of the academic year; G— special tenure; Q— initial term appointment for Professor or Associate Professor; Y— twelve months' service required instead of two semesters; 1-7— indicates the number of years of service which will be credited at the end of the contract period toward completion of the probationary period relating to tenure.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

Chicago Circle

1. PHILIP ASH, Professor of Psychology, beginning January 1, 1968 (A), at an annual salary of \$18,000.
2. RICHARD MILLMAN, Associate Professor of History, beginning January 1, 1968 (A), at an annual salary of \$13,000.
3. EVALYN F. SEGAL, Associate Professor of Psychology, beginning January 1, 1968 (A), at an annual salary of \$16,000.

Urbana-Champaign

4. WALTER C. ALLEN, Assistant Professor of Library Science, in the Graduate School of Library Science, beginning February 1, 1968 (1), at an annual salary of \$9,000.
5. DONALD H. GENT, Assistant Professor of Health Science and Psychiatrist, Health Service, beginning January 1, 1968 (1Y), at an annual salary of \$22,000.
6. KOENTJARANINGRAT, Visiting Professor of Anthropology, for the second semester 1967-68 (E), at a salary of \$9,000.
7. LAWRENCE S. REVSINE, Assistant Professor of Accountancy, for the second semester 1967-68 (1), at a salary of \$5,950.
8. ALPHONSE V. ROCHE, Visiting Professor of French, for the second semester 1967-68 (E), at a salary of \$8,500.
9. ROBERT W. TUVESON, Associate Professor of Botany, beginning September 1, 1968 (A), at an annual salary of \$14,000.

On motion of Mr. Hughes, these appointments were confirmed.

SPECIAL UNDERGRADUATE INSTRUCTIONAL AWARDS FOR PROJECTS COMPLETED DURING THE SUMMER OF 1967

(4) At its meeting on March 14, 1967, the Board of Trustees approved a total of thirty-six Undergraduate Instructional Awards for the summer of 1967 to faculty members for work on projects designed to improve the quality of undergraduate teaching. In general, these awards provided a full-time salary for two months to the recipients, plus funds for required incidental expenses in certain cases.

It was announced at that time that Special Awards of \$1,000 each would be made to the three individuals whose completed projects were judged to be the most outstanding in terms of probable contribution to undergraduate education. It turned out that the donor of the funds, the Standard Oil (Indiana) Foundation, provided a total of \$6,000 for this purpose, and hence six awards could be made.

The Chancellors at the Chicago Circle and the Urbana-Champaign campuses each appointed a special committee to review the reports submitted by the grantees following the completion of their projects. These committees were asked to select the most meritorious projects for recommendation to their respective Chancellors. The Chancellors, in turn, forwarded their recommendations to the Executive Vice-President and Provost, who established a special committee to review the projects recommended from both campuses.

As a result of these procedures of review and evaluation, the Executive Vice-President and Provost recommends that Special Awards of \$1,000 each be granted to the following faculty members:

Chicago Circle. Dr. Roger L. Dominowski, Assistant Professor of Psychology; Dr. Howard Gadlin, Assistant Professor of Psychology; Dr. Wulf Kopke, Associate Professor of German.

Urbana-Champaign. Dr. Arthur M. Clausing, Assistant Professor of Mechanical Engineering; Dr. Rasio Dunatov, Assistant Professor of Russian; Dr. Gilbert P. Haight, Jr., Professor of Chemistry, and four collaborators, the funds to be divided in accordance with recommendations from the Head of the Department of Chemistry and Chemical Engineering. (Included in the group are Mr. Robert F. Zahrobsky of the Department of Chemistry at the Chicago Circle campus and two graduate students, Miss Rasma Derums and Mr. Glen Tilbury.

I concur.

On motion of Mr. Grimes, these awards were approved.

**REPORT: PROPOSALS APPROVED BY THE URBANA-
CHAMPAIGN SENATE**

(5) The Urbana-Champaign Senate has approved three proposals from the College of Liberal Arts and Sciences involving modification of regulations and requirements of that College. Although not related in subject matter, the proposals indicate, in common, the results of re-evaluation of curricula and regulations of the College of Liberal Arts and Sciences with the objective of minimizing obstacles faced by students and their advisers in planning programs by eliminating restrictions of questionable value and promoting flexibility wherever feasible.

Addition of a Topical Minor

This proposal is for the establishment in the Curriculum of Sciences and Letters of a "topical minor" which would enable students, with the approval of their major department, to pursue comparable topics cutting across departmental lines even though formal programs have not been developed around such topics. The topical minor could be presented in place of regular or special minors, both of which restrict courses presented to those offered by not more than two departments. Several topical minors, such as American Civilization, Asian Studies, and Latin-American Studies, have been formalized in the past.

Revision of Regulations Applying to Non-LAS Course for LAS Students

Present regulations restrict Liberal Arts and Sciences students to thirty-two hours in courses in other colleges and schools of the University, including courses counted toward a major and/or minor. This proposal establishes a twenty-four hour maximum applying only to electives outside the College of Liberal Arts and Sciences and discontinues the restrictive list of courses outside the College acceptable for a degree. Existing regulations concerning requirements for graduation and approval of major and minor subjects are deemed adequate to guarantee those complying with them a liberal education.

Discontinuation of the "Hours of D" Regulation

Present regulations specify that no more than one-fourth of the work presented for the degree may be of "D" grade. The enforcement of the regulation has resulted in a few students—who have fulfilled the specific and general course requirements for the degree with a grade-point average of at least 3.0—remaining on campus solely to accumulate additional hours sufficient to balance "excess" hours of "D" which they have accumulated. Since the requirement appears to serve little positive purpose, it has been discontinued.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

While these matters do not require formal approval by the Board, they are submitted for record.

This report was received for record.

**REVISION IN THE UNDERGRADUATE CURRICULUM
IN ART EDUCATION, URBANA**

(6) Reports from recent graduates and descriptions of positions available in public schools indicate the need for students in the field of Art Education to be able to study a single area of art in depth. The existing program gives students an introduction to several types of studio processes without gaining an adequate background in any one of them. By eliminating several required courses in Education and in Art and by decreasing the number of non-art electives from thirty-seven to thirty-three semester hours, the revised program increases the number of art electives from four to fifteen semester hours, thus enabling students to increase competencies in individual areas for their own satisfaction as artists, to prepare themselves for graduate work if they so desire, or to prepare themselves for increasing numbers of positions at the high school level which require such competencies.

This revision has been approved by the Urbana-Champaign Senate, has been cleared with all appropriate committees and officers, and is reported to the Trustees as a matter of record.

This report was received for record.

PROFESSIONAL DEGREES, COLLEGE OF LAW, URBANA

(7) On July 21, 1965, the Board approved a recommendation authorizing the degree of Juris Doctor (J.D.) to be conferred upon graduates of the College of Law who had previously been awarded baccalaureate degrees in other colleges and universities, and who had completed satisfactorily the professional law program.

The faculty of the College of Law and the Urbana-Champaign Senate now recommend that the degree of J.D. be awarded as the first professional degree to all graduates of the College of Law, that the LL.B. degree be discontinued, and that the J.D. degree be awarded to former graduates who apply therefor in place of the LL.B. degree, with appropriate designation of any scholastic honors. The proposal would be effective February 1, 1968.

The Chancellor at the Urbana-Champaign campus and the Executive Vice-President and Provost endorse this recommendation. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved. Submitted herewith is a supporting statement, a copy of which is being filed with the Secretary of the Board for record.

I recommend approval.

On motion of Mr. Williamson, this recommendation was approved.

**GRADUATION WITH HONORS, COLLEGE OF LIBERAL ARTS
AND SCIENCES AND COLLEGE OF BUSINESS
ADMINISTRATION, CHICAGO CIRCLE**

(8) The Chicago Circle Senate has approved proposals for Graduation with Honors from the Colleges of Liberal Arts and Sciences and Business Administration at Chicago Circle.

Liberal Arts and Sciences

The basis for the proposed program in the College of Liberal Arts and Sciences at Chicago Circle is the corresponding program at the Urbana-Champaign campus.

The changes which are proposed in Honors at Graduation in Liberal Arts and Sciences at Chicago Circle are of three kinds.

Quarter System. "Semester" is uniformly replaced by "quarter."

Minor. Editorial changes have been made which affect procedure without affecting policy, e.g., replacement of "should" by "must." Some deletions have been made because the content is not applicable at Chicago Circle.

Substantive.

1. The minimum grade-point requirement (4.0) has been maintained but the "late-bloomer" also has a chance by the addition of the avenue of a 4.5 for the last two years.
2. The department is given the responsibility for determining whether all or part of the special course of study is to be included as part of the major.
3. Teacher education curricula are not singled out for special treatment since these curricula are under the individual departments just as the majors are.

Business Administration

In recognition of superior academic achievement, the College awards two types of honors at graduation: General College Honors and Departmental Distinction. To be eligible for either, a student must meet the following general conditions.

College Honors.

1. He must meet the University residence requirements.
2. He must meet the College requirements for graduation.
3. Normally, he must have carried at least twelve hours each quarter of academic work, exclusive of basic military training and physical education.
4. He must have attained at least a 4.00 average in all courses or a 4.50 average during the final two years (not less than seventy-two quarter hours) of courses completed at the University of Illinois and counted toward graduation from the College.

Departmental Distinction. If a student is eligible for College Honors, he may also be recommended for Departmental Distinction if he has shown superior

achievement in the given department's field of study (usually, but not necessarily, the student's major field). A student enrolled in an interdepartmental curriculum may be recommended for Distinction by those responsible for the administration of his curriculum, in general conformity with the conditions for Departmental Distinction.

These rules are reported for record and confirmation by the Board.

On motion of Mr. Hughes, the action of the Chicago Circle Senate was confirmed.

CHANGE IN NAME — COLLEGE OF COMMUNICATIONS, URBANA

(9) The Dean of the College of Journalism and Communications and the Chancellor at the Urbana-Champaign campus recommend that the name of the College be changed to "College of Communications," effective July 1, 1968.

The change requested is in keeping with developments throughout the nation. It reflects the broader responsibilities of the College to all the communications media and the desirability of developing programs based on a solid grounding in the social sciences and humanities.

The names of the units within the College would remain unchanged, as would the organization.

The Executive Vice-President and Provost concurs in this recommendation. I recommend approval.

On motion of Mr. Williamson, this recommendation was approved.

APPLICATION FOR GRANT FUNDS UNDER TITLE II OF THE HIGHER EDUCATION FACILITIES ACT OF 1963

(10) Under the Higher Education Facilities Act of 1963, the United States Commissioner of Education is authorized to grant funds for the construction, rehabilitation, and improvement of academic and related facilities. The requirements of the Department of Health, Education, and Welfare for the submission of applications for grants under the Act necessitate the adoption of a formal resolution by the Board authorizing the filing of applications and designating the person to act on behalf of the University in connection therewith.

Accordingly, it is recommended that the Board of Trustees adopt the following resolution authorizing the filing of an application for a grant under the Higher Education Facilities Act of 1963 for the project described as "Construction of Library Fifth Stack Addition, also known as Library Building Addition at Champaign-Urbana Campus."

Resolution Authorizing the Filing of Application for Grant Funds Under Title II of the Higher Education Facilities Act of 1963

Approved: January 17, 1968

WHEREAS, the U. S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for grants under the aforementioned act for the project described as Construction of Library Fifth Stack Addition, also known as Library Building Addition at Champaign-Urbana Campus.

Now, therefore, be it

Resolved, that application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said application will be forwarded to the U. S. Commissioner of Education for consideration for his approval; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates H. O. Farber, Comptroller, as the officer authorized to file the application and act as the representative of this Board in connection with said application.

TIMOTHY W. SWAIN, *President*
The Board of Trustees of the
University of Illinois

On motion of Mr. Grimes, the foregoing resolution was approved by the following vote: Aye, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(11) After review by the Committees on Nonrecurring Appropriations at Urbana-Champaign and the Medical Center, the respective Chancellors recommend the following appropriations from the funds indicated:

Urbana-Champaign General Reserve

College of Agriculture	
Department of Agronomy, equipment.....	\$ 10 800 00
College of Education	
Department of Elementary Education, equipment.....	14 260 00
College of Engineering	
Department of Aeronautical and Astronautical Engineering, equip- ment, for a proposal under Title VI of the Higher Education Act.....	34 332 00
Department of Mechanical and Industrial Engineering, equipment, for a proposal under Title VI of the Higher Education Act....	21 288 00
College of Fine and Applied Arts	
Department of Architecture, equipment.....	12 160 00
School of Music, equipment.....	14 180 00
College of Liberal Arts and Sciences	
Department of Chemistry and Chemical Engineering, equipment..	61 140 00
Department of Zoology, equipment.....	12 838 00
Office of Instructional Resources, equipment, for a proposal under Title VI of the Higher Education Act.....	30 555 00
Construction, renovation, and remodeling for which funds are as- signed to the Physical Plant Department:	
Partial cost for the construction of the Nursery Building for the development of the Swine Research Center for the Department of Animal Science.....	35 250 00
Remodeling the Electron Microscope Laboratory in Bevier Hall basement.....	24 940 00
<i>Total, Urbana-Champaign General Reserve.....</i>	<u>\$271 743 00</u>

Medical Center General Reserve

Illustration Studios, equipment.....	\$ 77 500 00
Library of Medical Sciences, supplement to Library Additions.....	10 000 00
Research and Educational Hospitals	
Administration, equipment.....	61 750 00
Admissions and Clinic Administration, equipment.....	18 000 00
Department of Radiology, equipment.....	54 500 00
<i>Total, Medical Center General Reserve.....</i>	<u>\$221 750 00</u>

Medical Center Contract Research Reserve

Renovation and remodeling for which funds are assigned to the Physical Plant Department:	
Remodeling for the Statistical Service Unit in the East Dentistry- Medicine-Pharmacy Building	\$ 32 400 00
The Executive Vice-President and Provost concurs. I recommend approval.	

On motion of Mr. Pogue, these appropriations were made by the following vote: Aye, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

CONTRACT FOR INSTALLATION OF CHILLED WATER SERVICE TO BURRILL HALL, URBANA

(12) The President of the University, with the concurrence of the appropriate administrative officers, recommends award of a contract for \$43,330 to Julian Engineering Company, Chicago, the lowest bidder, for the extension of chilled water service from the Student-Staff Apartment Air Conditioning Center to Burrill Hall, Urbana.

Funds are available in state capital appropriations to the University and have been released by the Governor.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

LIMOUSINE SERVICE AT THE UNIVERSITY OF ILLINOIS-WILLARD AIRPORT, SAVOY

(13) Limousine service has been provided under contract at the University of Illinois-Willard Airport since January 1, 1959.

Initially, the volume of air traffic was limited. Therefore, only a minimal service was provided in conjunction with an exclusive car rental franchise.

Early in 1967, the exclusive franchise was cancelled because of inadequate services and the rapidly changing demand for new airport terminal services. The car rental services are now being provided on a negotiated basis by three franchisees representing three major nationwide car rental agencies.

An interim contract for limousine service was negotiated with a local livery service until new criteria for airport limousine service were developed.

Three sealed bid proposals, received as a result of advertisements and direct solicitation for limousine service, could not be equitably evaluated; therefore, the University rejected all proposals and negotiated individually with the three companies to obtain the best agreement for providing exclusive limousine service.

The following is a schedule of the rates negotiated and the projected and anticipated income:

	<i>Per Month Minimum</i>	<i>Options</i>	<i>Annual Income Estimated (3)</i>
Illini-Swallow Lines, Inc., Champaign.....	\$375 or 7½ per cent of gross	(1)	\$5 500 00
Earl Huffman, Inc., doing business as A-1 Limousine Service, Champaign.....	\$370 or 8 per cent of gross	None	\$4 400 00
Tri-State Coach Lines, Inc., Franklin Park.....	\$200 or 5 per cent of gross	(2)	\$2 750 00

(1) Option to receive 10 per cent of gross income (with *no* minimum) at any time after the start of contract — the "gross income" will include *all* gross income received for any service provided by the franchisee at the airport (limousine, charter trips, baggage delivery fees, and freight).

(2) \$200 per month minimum first year. \$350 per month minimum second, third, fourth, and fifth years *or* 5 per cent of gross limousine and charter trips *only*.

(3) Based on a franchisee estimated gross income of \$55,000 annually.

In addition to rates, negotiations were conducted as to insurance coverages, operational experience and equipment, safety and public acceptability.

In the opinion of the Director of the Institute of Aviation, the Director of Purchasing, and the Vice-President and Comptroller, the best proposal is that submitted by the Illini-Swallow Coach Lines, Inc., Champaign.

Therefore, it is recommended that the Board of Trustees authorize a contract with the Illini-Swallow Coach Lines, Inc., for a period of five years starting

February 1, 1968, based on the minimum of \$375 a month or 7½ per cent of gross, whichever is greater, with the contract to be modified to 10 per cent of gross as soon as the volume justifies it.

I concur.

On motion of Mr. Pogue, this contract was awarded as recommended by the following vote: Aye, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

**AGREEMENT TO PARTICIPATE IN URBANA AND CHAMPAIGN
SANITARY DISTRICT EXPANSION PROGRAM**

(14) The Urbana & Champaign Sanitary District has requested the University to share in the cost of constructing interception sewer mains. This improvement is part of an over-all plan to extend sewer mains and to increase the capacity of the treatment facilities of the Sanitary District, which is being financed from a bond issue (approved by the voters of the district in November, 1965); from a federal grant; and from anticipated University contributions.

One of the projects of this program which benefits the University is the construction of an Embarrass River outlet sewer main at a total estimated cost of \$118,000.

Based on the percentage factor used to determine the University's share of the cost of improvements and the operation of the Sanitary District as it directly affects the University (18.48789 per cent), the estimated cost to the University for this improvement project is \$22,000.

Funds are available in state capital appropriations to the University, subject to release by the Governor.

Accordingly, the President of the University, with the concurrence of the appropriate administrative officers, recommends that the Board of Trustees authorize the Comptroller and the Secretary of the Board to execute an agreement with the Urbana & Champaign Sanitary District providing for the payment of the University's share of this cost.

Submitted herewith is a report from the Physical Plant Department, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Williamson, this recommendation was approved by the following vote: Aye, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

**INCREASE IN CONTRACT FOR ARCHITECTURAL SERVICES,
CHICAGO CIRCLE**

(15) On July 26, 1967, the Board of Trustees approved the employment of Samuel Arthur Lichtmann, Chicago, for complete architectural services for miscellaneous remodeling projects at the Chicago Circle campus at a fee of 8 per cent of construction costs plus reimbursement for the actual cost of a Clerk of the Works. The contract further states that the total payment for service on any specific project shall not exceed \$10,000, unless prior authorization is given by the Board of Trustees.

The President of the University, with the concurrence of the appropriate administrative officers, recommends an addition to this contract in an amount not to exceed \$20,000 for complete architectural and engineering services for remodeling space in the Racine Avenue Building, Chicago Circle, to accommodate the Office of Admissions and Records.

Funds are available in state capital appropriations to the University for 1967-69 and have been released.

On motion of Mr. Hughes, this recommendation was approved by the following vote: Aye, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

**CONTRACT FOR PROFESSIONAL DESIGN SERVICES,
COLLEGE OF DENTISTRY BUILDING,
MEDICAL CENTER**

(16) The President of the University recommends award of a contract to Graham, Anderson, Probst & White, Incorporated, Chicago, for design services in connection with the interior furnishing and equipping of the new College of Dentistry Building at the Medical Center campus.

The fee will be based on timecard charges at the firm's usual and customary hourly rates, plus 150 per cent to cover overhead and profit. The estimated total expenditure is not to exceed \$10,000.

Funds are available in the state capital appropriations to the University for 1967-69, subject to release by the Governor.

On motion of Mr. Grimes, this contract was awarded by the following vote: Aye, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

**CONTRACT FOR PROFESSIONAL DESIGN SERVICES,
COLLEGE OF NURSING BUILDING,
MEDICAL CENTER**

(17) The President of the University recommends award of a contract to Mittelbush & Tourtelot, Chicago, for design services in connection with the interior furnishing and equipping of the new College of Nursing Building at the Medical Center campus.

The fee will be based on timecard charges at the firm's usual and customary hourly rates, plus 150 per cent to cover overhead and profit. The estimated total expenditure is not to exceed \$8,500.

Funds are available in the state capital appropriations to the University for 1967-69, subject to release by the Governor.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT
FOR CONSTRUCTION OF SMALL ANIMAL CLINIC AND
HOSPITAL — VETERINARY MEDICINE COMPLEX,
PHASE I, URBANA**

(18) On December 12, 1967, the Illinois Building Authority received bids for the construction of the Small Animal Clinic and Hospital—Veterinary Medicine Complex, Phase I, Urbana.

The lowest bidder is Talandis Construction Corporation, Sauk Village, with a bid, including recommended alternates, of \$5,448,118. Proposals were also received from McCarthy Brothers Construction Company, St. Louis, Missouri; Kuhne-Simmons Co., Inc., Champaign; Turner Construction Company, Chicago; J. L. Wroan and Sons, Inc., Normal; Superior Construction Co., Inc., Gary, Indiana; and Alfred Lundgren, Inc., Kansas City, Missouri.

The project is part of the construction for the Urbana-Champaign campus which the Board of Trustees, at its meeting on July 26, 1967, requested the Illinois Building Authority to provide. The Illinois Building Authority will finance the construction and lease the facility to the University. Funds for the payment of rent to the Authority during the current biennium are available in state appropriations to the University.

At the request of the Illinois Building Authority, the Board of Trustees has previously authorized the transfer of jurisdiction of the land on which the project will be constructed from the University to the Illinois Building Authority.

Submitted herewith is a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

The President of the University, with the concurrence of the appropriate administrative officers, recommends that the Board of Trustees request the

Illinois Building Authority to contract for construction of the described work for the total sum of \$5,448,118, being the amount of the low base bid of \$5,117,518, plus additive alternates 1, 3, 4, 5, 6, 7, 15, 16, 17, 18, 19, and 21, totaling \$330,600, and proceed to procure this facility for the use of the University.

It is also recommended that the Comptroller and the Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments of conveyance, lease, contract, and other documents as are necessary to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority. Adoption of the resolution submitted herewith is required to implement the above.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to contract with Talandis Construction Corporation, Sauk Village, Illinois, for construction of the Small Animal Clinic and Hospital—Veterinary Medicine Complex, Phase I, Urbana, for the total price of \$5,448,118, being the base bid of \$5,117,518 and additive alternates 1, 3, 4, 5, 6, 7, 15, 16, 17, 18, 19, and 21 totaling \$330,600.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge, and deliver, in the name and in behalf of this corporation, such instruments of conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Pogue, the foregoing resolution was adopted.

REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE CONTRACT FOR CONSTRUCTION OF MEDICAL SCIENCES ADDITION, PHASE II, MEDICAL CENTER

(19) The President of the University, with the concurrence of the appropriate administrative officers, recommends that the Illinois Building Authority be requested to authorize an increase of \$16,925 in the contract with the Joseph J. Duffy Co., Chicago, for the Medical Sciences Addition, Phase II, Medical Center.

Funds are available in the project budget for this work, subject to approval by the Illinois Building Authority.

On motion of Mr. Hughes, this recommendation was approved.

HEALTH SERVICES FOR ON-CAMPUS STATE EMPLOYEES, URBANA

(20) The University has been asked to allow employees of certain agencies of Illinois State government located on the Urbana-Champaign campus to have the following services provided by the Health Center: emergency care, treatment for on-the-job accidents, and immunizations. These are the same services as are provided to University staff members without charge. And, those employees of on-campus state agencies who also have courtesy appointments in University departments now have these benefits.

Upon the recommendation of the Director of the Health Service, the Chancellor at the Urbana-Champaign campus proposes that all employees of state agencies located at that campus be allowed to have these three kinds of health services at the Health Center without charge.

The Legal Counsel, the Vice-President and Comptroller, and the Executive Vice-President and Provost endorse this recommendation.

I concur.

On motion of Mr. Grimes, this recommendation was approved.

PURCHASES

(21) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller; also a list of purchases authorized by the President.

The lists of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under

contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds

Purchases Recommended	\$300 075 80
Purchases Authorized	7 700 00
	<u>\$307 775 80</u>

From Institutional Funds

Purchases Recommended	\$299 854 67
<i>Grand Total</i>	<u>\$607 630 47</u>

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Pogue, the purchases authorized by the President were approved, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(22) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary of the Board.

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(23) The Comptroller presented his quarterly report to the Board as of June 30, 1967.

This report was received for record, and a copy has been filed with the Secretary of the Board.

This report was received for record.

INVESTMENT REPORT

Report of the Finance Committee

(24) The Finance Committee reported the following changes in investments of endowment funds for the month of November, 1967:

Duke

Purchase

\$15 000 U.S. Treasury 5½ per cent notes due 2/15/69.....\$ 15 000 00

Miller

Sale

\$68 000 Commercial Credit open-end demand notes..... 68 000 00

1 174 shares International Paper common stock..... 33 018 75

600 shares Johns Manville common stock..... 37 824 61

Purchase

\$112 000 Commercial Credit open-end demand notes..... 112 000 00

1 000 shares Bank of America common stock..... 59 500 00

800 shares U.S. Plywood Corp. common stock..... 40 352 00

Yarros

Sale

108 shares Inland Steel common stock..... 3 913 47

33 shares Kennecott Copper common stock..... 1 596 38

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of November, 1967:

Current Funds

FORD FOUNDATION — GENERAL ENGINEERING

Sale

\$4 000 U.S. Treasury bills due 1/31/68.....\$ 3 948 00

Purchase

\$27 000 U.S. Treasury bills due 7/31/68..... 26 003 27

RESTRICTED GROUP

Purchase

\$ 750 000 Continental Illinois National Bank C/D due 2/16/68..... 750 000 00

1 000 000 Federal National Mtg. Assn. 5¼ per cent due 3/7/68..... 982 500 00

750 000 First National Chicago C/D due 3/18/68..... 750 000 00

750 000 First National Chicago C/D due 4/17/68..... 750 000 00

Construction Funds

UNION BUILDING (Chicago Circle)

Purchase

\$30 000 U.S. Treasury bills due 1/18/68..... 29 738 67

Sinking Funds

ASSEMBLY HALL

Purchase

\$18 000 U.S. Treasury bills due 3/21/68..... 17 704 38

HOUSING REVENUE BONDS

Purchase

\$100 000 U.S. Treasury 5½ per cent notes due 2/15/69..... 100 000 00

ILLINI UNION AND HEALTH CENTER

Purchase

\$213 000 U.S. Treasury 5½ per cent notes due 2/15/69..... 213 000 00

MEN'S RESIDENCE HALLS OF 1957

Purchase

\$232 000 U.S. Treasury bills due 3/21/68..... 228 349 87

STUDENT SERVICES BUILDING

Purchase

\$28 000 U.S. Treasury bills due 3/21/68..... 27 559 47

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(25) The Comptroller's monthly report of contracts executed was submitted.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
American Society of Civil Engineers (subcontract with United States Department of Interior 14-12-29)	Effect of inserted pipe on flow capacity of sewers	\$12 375 00
United States Air Force F 29601-68-C-0016	Interaction of obliquely incident elastic waves with a thick cylinder	30 000 00
United States Army DA-ARO-D-31-124-G968	Electrochemistry of fused salts	15 000 00
DA-ARO-D-31-124-G971	Alloy chemistry of the transition elements	84 655 00
United States Department of Commerce E-69-68(G)	Contribution toward publication cost of a book entitled <i>Marine Geotechnique</i>	2 000 00
United States Navy N00014-67-A-0305-0008	Various problems in combinatorial analysis	18 000 00
N00014-68-C-0198	Plan and conduct during October, 1967, a symposium on the interaction of science and technology	11 800 00
N00024-68-C-5125	Low-cycle fatigue life of HY-130/150 weldments	67 000 00
RFQ Q0665(C)	Services for computer program and experiment for IKAD	1 176 00
<i>Total</i>		<u>\$242 006 00</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Laboratory Furniture Company, Inc.	Furnish and install all laboratory equipment for the Hospital Addition	\$ 2 577 00
Professor Eberhard W. Wahl (subcontract with United States Air Force AF 30(602)-4144)	Consultation in connection with design, fabrication, and application of the Illiac IV computer	6 500 00
Dr. David M. Young (subcontract with United States Air Force AF 30(602)-4144)	Consultation in connection with design, fabrication, and application of the Illiac IV computer	6 500 00
Dr. Doran D. Zinner	Microbiology of dental caries in support of research on the use and effect of chloro-s-triazines in caries control	5 000 00
<i>Total</i>		<u>\$20 577 00</u>

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
California Institute of Technology (subcontract with National Aeronautics and Space Administration NAS 7-100)	Radiant heat exchange in a space environment	\$29 891 00
Illinois State Library	Recruit librarians for the State of Illinois	21 000 00
Charles Pfizer & Co., Inc.	Amino acids, unidentified growth factors, vitamins, and antibiotics in swine	3 000 00
United States Air Force AF 19(628)-3900	Conduct the gyro resonance experiment in a rocket to determine the possibility of controlling ionospheric characteristics	1 462 00
F 19628-67-C-0028-P001	Theoretical study to investigate the response of the ionosphere to a solar eclipse	13 000 00
United States Army DA-31-124-ARO-D-289	Intrinsic studies of materials	45 485 00
DA-49-193-MD-2410	Transmission of upper respiratory infections to volunteers under controlled conditions	50 000 00
United States Atomic Energy Commission AT(11-1)-790	Ribonucleic acid in the accumulation of ions by plant cells	22 500 00
AT(11-1)-1018	Pattern recognition and data handling problems arising in the analysis of bubble chamber photographs of high energy particle events	599 000 00
AT (11-1)-1195	Elementary particle interactions in the high energy regions	120 000 00
AT(11-1)-1198	Understanding the nature of materials predominately solids	100 000 00
AT(11-1)-1683	Relationship of structural and regulatory genes controlling the ability of cells to exist under different environmental conditions	57 000 00
United States Department of Health, Education, and Welfare OEC 3-6-051182-1634	Development and trial of a two-year program of string instruction	52 684 00
United States Navy N00014-67-A-0305-0002	Radio direction-finding techniques over broad bands of frequencies to obtain accurate information on intercepted signals	230 000 00
N00025-67-C-0004-P001	Mechanics of fracture of members subjected to multiple loadings	20 000 00
NObS-94232	Determine effects of internal weld defects on fatigue behavior on HY 130/150 steel	6 500 00
Nonr-1834(37)	Mechanism of anti-body formation in the pig	43 142 00
RFQ Q0665(C)	Comparison of performance on an isomorphic keyset and display and a multiple-label keyset	2 297 00
<i>Total</i>		<u>\$1 416 961 00</u>

<i>With Whom</i>	<i>Purpose</i>		<i>Amount to be Paid by the University</i>
Barber and DeAtley, Inc.	Cost-plus contract — general	Administration Building Nuclear Reactor Laboratory	\$ 2 876 00 15 000 00
George S. Grimmett and Company	Cost-plus contract — plastering	Noyes Laboratory	4 000 00
Simpson Construction Co.	General work	Dentistry-Medicine-Pharmacy Building, First Unit	5 364 00
Skoog Construction Company	General work	Optical Telescope Building	2 640 00
<i>Total</i>			<u>\$29 880 00</u>

Summary

Amount to be paid to the University.....	\$1 658 967 00
Amount to be paid by the University.....	50 457 00

This report was received for record.

REVISION OF STATUTORY PROVISIONS RELATING TO THE ADMINISTRATION OF GRADUATE EDUCATION AND RESEARCH

(26) Upon the recommendation of the Dean of the Graduate College and the Executive Committee of the Graduate College and with the concurrence of the Executive Vice-President and Provost and the Chancellors at each campus, a proposal for the reorganization of the administration of graduate education and research is hereby submitted for the consideration of the Board. Statements describing the proposed reorganization and setting forth revisions of pertinent statutory sections are listed below (language to be deleted is crossed out; new language is italicized).

I recommend provisional approval of these revisions and of the plan as outlined, with the stipulation that the Trustees defer final approval until the present action has been reported to the University Senates for their information and further advice.

On motion of Mr. Pogue, this recommendation was approved by the following vote: Aye, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

Proposed Reorganization of the Administration of Graduate Education and Research at the University of Illinois

I. General Principles

As presently organized, there is one Graduate College and one Graduate Dean for the campuses located at Urbana-Champaign, the Medical Center, and Chicago Circle. The Dean of the Graduate College has full administrative responsibility for all graduate and research activities on the three campuses, but he delegates appropriate authority to the two Associate Deans who exercise special administrative duties at the Medical Center and at Chicago Circle.

The Graduate College at present is an all-University unit, and the Dean of the Graduate College reports to the President. Since the establishment of the Chancellor system of campus administration, the academic Deans and Directors of other educational units report to their respective Chancellors, and it seems in the over-all best interest of the University that the Graduate College be divided into separate campus units. The Chancellor should, therefore, be delegated full authority to administer for his campus, through a Graduate College, graduate education and research, within the limitations set forth in this memorandum and in accordance with University-wide policies.

II. Proposed Administrative Structure

It is proposed to reorganize the administrative structure of the Graduate College as follows:

1. Separate Graduate Colleges be established at the Medical Center, the Chicago Circle, and the Urbana-Champaign campuses, and an executive officer at each Graduate College be appointed to assume responsibility for the administration and supervision of graduate education and research at the three campuses.
2. The organization of these Graduate Colleges with respect to the Executive Officers, the Executive Committees, and the Graduate Faculties be patterned after that now existing at Urbana-Champaign.
3. The present University Research Board become the Research Board for Urbana-Champaign and separate Research Boards with similar functions and responsibilities be established at the Medical Center and at Chicago Circle.
4. The activities of all special units now established in the Graduate College be confined to the campus at Urbana-Champaign or reorganized into separate campus units. Intercampus units should be arranged by special action.
5. Provisions be made for the establishment of special units in the Graduate Colleges at the Medical Center and at Chicago Circle as the circumstances and special needs make it appropriate to do so. If a single unit now exists (for example, Survey Research Laboratory) which includes staff and facilities at more than one campus, separate units be established which may be complementary in functions and facilities and cooperative in services.

III. Coordination of University-Wide Graduate Education and Research

To maintain liaison and cooperation among the various graduate activities on the individual campuses, the President shall appoint an all-University Council on Graduate Education and Research with representation to include the graduate dean from each campus, members selected from the executive committees and research boards, with the Executive Vice-President and Provost to serve as chairman, unless otherwise provided by the President. The functions of the Council shall be:

1. To advise the President on all University-wide matters pertaining to graduate education and research, including related extramural grants and contracts.
2. To receive, initiate, and evaluate proposals for policy changes in the area of graduate education and research and make recommendations on policy to the President.
3. To serve as a channel for University-wide communication and coordination on relevant policies, programs, plans, and procedures.
4. To assist in the evaluation of graduate education and research programs in relation to the basic objectives and policies of the University, with reference to each individual campus and to the University as a whole.
5. To institute studies and make periodic reports as deemed desirable in the furtherance of University objectives in this functional area.

IV. Time Schedule for Proposed Reorganization

It is proposed that symmetrical administrative units of the Graduate College, embodying the suggestions made in II above, be formally established at the Medical Center and at Chicago Circle no later than September, 1968—with the present organization at the Urbana-Champaign campus becoming a campus unit under the jurisdiction of the Chancellor as of that date.

Statutory Revisions

If the proposed reorganization of the administration of graduate education and research is approved, certain revisions in the following sections of the Statutes would have to be made: Sec. 16, 17, 18; Sec. 25(e), (f), and (g); and Sec. 20(c). In the General Rules Concerning University Organization and Procedure, a statement of the function and makeup of the University Council on Graduate Education would have to be specified together with such changes in the wording as are necessary when reference is made to the University Research Board or to the Associate Dean of the Graduate College at the Chicago Professional Colleges.

The Campus Graduate College

Sec. 16. (a) The Graduate College shall have jurisdiction over all programs leading to the master's degree and all programs leading to the degrees of Doctor of Philosophy, Doctor of Education, Doctor of the Science of Law, Doctor of

~~Musical Arts and other graduate degrees as determined by Senate action and approved by the Board of Trustees. It is the responsibility of the Graduate College to develop and safeguard and promote standards of graduate work on the Urbana-Champaign and Chicago Professional College campuses and to promote and assist in the development advancement of research in all fields.~~

(b) Except as otherwise provided in this section, the Graduate College shall be governed by the same regulations as govern other colleges.

(c) The faculty of the Graduate College consists of the President, the Executive Vice-President and Provost, ~~the Vice-President in Charge of the Chicago Professional Colleges~~ the Chancellor, the Dean, the Associate and Assistant Deans of the Graduate College, and all those who on the recommendation of the departments or of other teaching or research divisions have been approved by the Executive Committee and the Dean of the Graduate College ~~to be in independent charge of courses designed for graduate students or of theses to be submitted for higher degrees. to assume appropriate academic responsibilities in programs leading to graduate degrees.~~

(d) The Executive Committee consists of ~~sixteen~~ fifteen members: (1) eight elected members, four of whom shall be elected annually for two-year terms by the faculty of the Graduate College; (2) six members, three of whom shall be appointed each year for two-year terms by the President Chancellor on the nomination of the Dean of the Graduate College in consultation with the members elected that year; and (3) ~~the Associate Dean of the Chicago Professional Colleges Division of the Graduate College.~~ and (4) (3) the Dean of the Graduate College, who is ex officio a member and chairman of the Committee. Members elected or appointed shall hold office for two-year terms except that, for initial appointments or elections hereunder, one-half of the members of each group shall be designated to serve for one year and one-half for two years. When meeting to give advice on the appointment of the Dean, the senior faculty member (in terms of service at the University) on the Executive Committee shall be chairman and the Dean shall not be a member of the Committee.

~~(e) Graduate work at the Chicago Professional Colleges shall be conducted by the Chicago Professional Colleges Division of the Graduate College. The Division consists of the members of the graduate faculty in residence on that campus. There shall be an Executive Committee of the Professional Colleges Division of the Graduate College composed of nine members, four of whom shall be elected each year for two-year terms by the Division Graduate Faculty; the Associate Dean of the Graduate College is ex officio a member and the chairman of the Committee.~~

~~(f) (e) The principal administrative head of the Graduate College is the Dean, who shall be appointed in the same manner as are the deans of other colleges.~~

~~(g) On the recommendation of the Dean of the Graduate College and on the nomination of the President, the Board of Trustees shall appoint biennially an Associate Dean of the Graduate College, who shall represent the Dean and serve as his deputy directly responsible to, and under the supervision and control of, the Dean for the administration of the Chicago Professional Colleges Division of the Graduate College.~~

~~(h) (f) On the recommendation of the Dean of the Graduate College and the Chancellor and the nomination of the President, the Board of Trustees shall appoint biennially associate or assistant deans of the Graduate College as required.~~

~~(i) (g) The recommendation of the Dean of the Graduate College shall be secured for the appointment to the staff of any college, school, division, or institute, or for the promotion of a person who may be expected to offer courses open to graduate students or to supervise theses submitted for higher graduate degrees. assume academic responsibilities in programs leading to graduate degrees.~~

~~(j) (h) The supervision of graduate student affairs, excluding discipline, is the responsibility of the Graduate College. The Dean of the Graduate College, after consulting with the Executive Committee of the College, shall appoint a Committee on Graduate College Student Affairs. for the Urbana-Champaign and Chicago Professional Colleges campuses.~~

~~(h)~~ (i) Student discipline for graduate students shall be administered by the Senate Committee on Student Discipline of the ~~Urbana-Champaign Senate or of the Chicago Professional Colleges Senate~~, in accordance with the provisions of Section 6, paragraph (h). Each Senate Committee on Discipline shall, after consulting with the Dean of the Graduate College, appoint a subcommittee on discipline for graduate students. The ~~appropriate~~ Senate Committee on Discipline shall hear and decide cases appealed to it from its subcommittees. The provisions of Section 6, paragraph (h), relative to the formulation of procedures and original and appellate jurisdiction of the Senate Committee, shall apply to disciplinary cases hereunder.

University Research Board

Sec. 17. (a) The ~~University~~ Research Board consists of eight members appointed by the ~~President Chancellor~~ after consultation with the Dean and with the Executive Committee of the Graduate College; ~~Faculty; the Associate Dean of the Chicago Professional Colleges Division of the Graduate College, and the Dean of the Graduate College, who shall serve as chairman unless the President Chancellor~~, in consultation with the Dean, shall name another member of the Research Board to serve as chairman. The Research Board may establish appropriate committees, the members of which need not be members of the Research Board.

(b) The functions of the ~~University~~ Research Board include:

- (1) Making assignments of research funds of the Graduate College to individual and group research projects.
- (2) Reviewing applications from faculty members to outside agencies for financial aid in support of research projects.
- (3) Advising the ~~President Chancellor~~ on potentially patentable inventions by faculty members.
- (4) Advising the ~~President Chancellor~~ and the Dean of the Graduate College on any matters they desire to submit to the Research Board.

Special Units of the Graduate College

Sec. 18. (a) On the recommendation of the ~~University~~ Research Board, and of the Executive Committee and the Dean of the Graduate College, with approval by the President ~~and the Chancellor~~, the Board of Trustees may create special units of the Graduate College for the purpose of carrying on or promoting research in areas which are broader than the responsibility of any one department. Any such unit may be abolished by similar action.

(b) Staff members of such units shall be appointed by the Board of Trustees on the recommendation of the Executive Committee, ~~and~~ the Dean of the Graduate College, ~~and the Chancellor~~, and on the nomination of the President. Appointments which carry academic rank and title indicative of departmental association shall be made only after consultation with the department concerned.

~~(c) Subjects to the foregoing stipulations, the special units of the Graduate College include: (1) Digital Computer Laboratory, (2) Electron Microscope Laboratory, (3) Radiocarbon Laboratory, (4) Physical Environment Unit, (5) Institute of Communications Research, (6) Illinois Historical Survey.~~

LEASE OF QUARTERS AT 707 SOUTH SIXTH STREET, CHAMPAIGN

(27) Additional space at 707 South Sixth Street, Champaign (approximately 3,400 square feet), is available for lease for a five-year period at a rental rate of \$10,200 per year, subject to a rental increase beginning the third year to cover any increase in real estate taxes allocable to the leased premises over and above the amount of the 1967 taxes payable in 1968. This area can be used by the Dean of Students, and will provide relief for other administrative offices.

The owner of the building is willing to remodel the space in accordance with the requirements of the University, with the cost of remodeling included in the rental rate.

The President of the University, with the concurrence of the appropriate administrative officers, recommends that the University of Illinois Foundation be requested to lease Room 109 in the building at 707 South Sixth Street at the above rental rate for a five-year period and sublease it to the University on a

biennial basis. It is also recommended that the Board authorize the subleasing of the space from the University of Illinois Foundation at the indicated rental rate and that the rental become effective February 1, 1968, or as soon thereafter as the remodeling has been completed and the office space is available for occupancy.

Funds required for the balance of the fiscal year have been made available from the Urbana-Champaign General Reserve, and funds required beyond that point will be included in the annual operating budget for the Physical Plant Department.

On motion of Mr. Grimes, these recommendations were approved by the following vote: Aye, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

SECRETARY'S REPORT

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations and termination; leaves of absence. A copy of the report is filed with the Secretary.

ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

FUTURE BOARD MEETINGS

Mr. Swain announced that the next meeting of the Board would be held on February 21, 1968, on the Medical Center campus.

On motion of Mr. Hughes, the Board voted to change the date of the next annual meeting from Tuesday, March 12, to Wednesday, March 20.

STATE UNIVERSITIES RETIREMENT SYSTEM

For the record, the Secretary reports that the President of the Board has designated Mr. Kenney E. Williamson as one of the three representatives of The Board of Trustees of the University of Illinois on the Board of Trustees of the State Universities Retirement System, succeeding Mr. Pogue who asked to be relieved.

EXPRESSION OF SYMPATHY TO MR. PAUL K. BRESEE

Mr. Hahn called attention to the tragic death of Mrs. Paul K. Bresee, and the Secretary of the Board was directed to prepare an appropriate communication to Mr. Bresee, President of the University of Illinois Alumni Association, expressing the sympathy of the Board and the Board's solicitude as to the condition of Mr. Bresee.

REGULAR MEETING RECESSED

The regular meeting was recessed and the President of the Board stated that meetings of the Committees on Buildings and Grounds and General Policy had been called and that an executive session had been requested and was being ordered following the Committee meetings to consider recommendations relating to property acquisitions and pending litigation. He further stated that the regular meeting would be reconvened at 11:30 for the purpose of hearing a presentation from the President of the Chicago Circle Federation of Teachers.

EXECUTIVE SESSION

When the Board reconvened, the same members of the Board, officers of the Board, and officers of the University as recorded at the beginning of these minutes were present.

The Board considered the following recommendations from the President of the University.

ACQUISITION OF PROPERTIES AT 1201-1203 WEST SPRINGFIELD AVENUE, URBANA

(28) The President of the University, with the concurrence of the appropriate administrative officers, recommends adoption of the attached resolution for the acquisition of the properties at 1201-1203 West Springfield Avenue, Urbana, through condemnation proceedings and further requests authorization of settlement of the condemnation suit if the settlement can be effected at a price that is within the appraisals received by the University.

Both properties have dimensions of 66 feet by 132 feet (a total of 17,424 square feet), and are owned by the same party. The properties are contiguous, and each property is improved with a two-story frame dwelling used for rental purposes.

The University has been negotiating with the owner, and has been advised that a recommendation will be submitted to the Board of Trustees for their purchase at a total price of \$60,500 based upon appraisals received by the University. This price is not acceptable to the owner, who is now requesting rezoning of this area with the objective of constructing an apartment building.

Funds are available in Contract Research Reserve and in state capital appropriations to the University for 1967-69 which have been released by the Governor.

Resolution Authorizing Condemnation of Property at 1201 and 1203 West Springfield Avenue, Urbana, Illinois

Be It, and It Is Hereby Resolved, Found and Declared by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following-described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

Lots One (1) and Two (2) in Block One (1) of Assessor's Plat of Joseph Nelson's Addition to the Town of Urbana, being a part of the Northwest Quarter (NW $\frac{1}{4}$) of the Northeast Quarter (NE $\frac{1}{4}$) of Section Eighteen (18), Township Nineteen (19) North, Range Nine (9) East of the Third Principal Meridian, per Plat recorded in Deed Record 22, page 137, in Champaign County, Illinois, situated in the City of Urbana, in the County of Champaign, and State of Illinois;

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois for use as a site for an academic building of the University of Illinois and for other educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use, that funds are available to the University for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owner of said land through her duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owner has refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continues to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owner of said property and she and it are unable to agree upon the purchase price to be paid to said owner for the sale and conveyance of said land by said owner thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that because of said need

of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owner thereof for such land cannot be agreed upon between her and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owner thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Jones, Governor Kerner, Mr. Page, Dr. Weatherly.

ACQUISITION OF CONSTRUCTION MATERIALS RESEARCH LABORATORY FOR CORPS OF ENGINEERS

(29) The Corps of Engineers wishes to establish a construction materials research laboratory in the vicinity of the Urbana-Champaign campus. Its proximity will substantially benefit the educational and research activities of the University, particularly in the field of civil engineering. The Corps of Engineers has selected Interstate Research Park, at the junction of Interstate Routes 74 and 57, as the site for the laboratory on the basis of a proposal submitted by the Park and supported by the University.

Phase I of the project contemplates laboratory buildings of approximately 100,000 square feet at an initial cost (including land) of approximately \$3,400,000 with occupancy on or about April 1, 1969. As a result of negotiations involving the Corps of Engineers, Interstate Research Park, the University, and the University of Illinois Foundation, the University now proposes that the Park construct the facility and sell it to the Foundation which, in turn, will lease the same to the Corps of Engineers for the period of the Foundation's financing obligation (thirty years) subject to a ninety-day termination right in the Corps. The rental rate will be the amount necessary to amortize the initial investment over a thirty-year term. Title to the property would be transferred to the University subject to the lien of the financing obligation immediately upon purchase by the Foundation. In the event the Corps terminates the lease, the facility is adaptable for direct use by the Department of Civil Engineering. If the Corps should condemn the property, credit may be allowed on the award for that portion of the rental payments allocable to principal amortization.

It is recommended that the Board of Trustees request the University of Illinois Foundation to provide the facilities in the manner outlined above, the form of any obligations of the Foundation issued in furtherance thereof to be specifically approved by the Comptroller of the Board and the Legal Counsel of the University, who are authorized to act for and on behalf of the Board of Trustees in this regard.

On motion of Mr. Hahn, this recommendation was approved.

PRESENTATION BY PRESIDENT OF THE CHICAGO CIRCLE FEDERATION OF TEACHERS

The regular meeting of the Board convened, with all members present as recorded at the beginning of these minutes, for the purpose of hear-

ing a presentation by Mr. John Pappademos, President of the Chicago Circle Federation of Teachers. Mr. Pappademos distributed a written statement and copies of a petition (copies of which are being filed with the Secretary of the Board for record), and spoke briefly in support of the principle of collective bargaining. He indicated that "more than 30 per cent" of the Chicago Circle faculty had signed the petition.

President Henry was asked by the President of the Board to comment. He stated that the request falls outside the traditional practices of the University and raises questions not covered by the University *Statutes*. He proposed that the request be referred to an appropriate committee of the Board and that the Legal Counsel be asked to provide background information. He further suggested that any additional written material from Mr. Pappademos be forwarded to the Board committee.

Mr. Grimes moved that the subject be referred to the Committee on General Policy and that the Legal Counsel be asked to prepare background information. The motion passed unanimously.

Mr. Pappademos was advised by the President of the Board that he would be notified when the Committee has set a date for a meeting.

On motion of Mr. Hughes, the Board adjourned.

EARL W. PORTER
Secretary

TIMOTHY W. SWAIN
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

February 21, 1968



The February meeting of The Board of Trustees of the University of Illinois was held in the Chicago Illini Union on the Medical Center campus, Chicago, Illinois, on Wednesday, February 21, 1968, beginning at 10:00 a.m.

President Timothy W. Swain called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. Harold Pogue, Mr. Timothy W. Swain. Governor Otto Kerner, Mr. Ray Page, Dr. James A. Weatherly, and Mr. Kenney E. Williamson were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor Jack W. Peltason, University of Illinois at Urbana-Champaign; Dr. Eldon Johnson, Vice-President of the University; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, Legal Counsel; Dr. Daniel C. McCluney, Dean of Faculties, Chicago Circle; Dr. James B. Holderman, Associate Chancellor, Chicago Circle; Mr. Vernon L. Kretschmer, University Associate Director of Physical Plant Planning and Construction; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Eugene S. Pitcher, Assistant to the Director of the Physical Plant, Urbana; Mr. Robert W. Evans, Director of Public Information, Urbana; Mr. Max I. Light, Director of Public Information, Medical Center; Mr. Grover E. Shipton, Director of Public Information, Chicago Circle; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. R. R. Manchester, Treasurer, and Dr. Earl W. Porter, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on March 14, 1967, press proof copies of which have previously been sent to the Board.

These minutes were approved as printed on pages 425 to 472, inclusive.

**SEVENTY-FIFTH ANNIVERSARY OF THE INAUGURATION
OF JOHN PETER ALTGELD AS GOVERNOR OF ILLINOIS**

Mr. Pogue presented and moved adoption of the following expression of recognition of the Seventy-fifth Anniversary of the Inauguration of John Peter Altgeld as Governor of Illinois.

The motion was unanimously approved.

On January 10, 1893, John Peter Altgeld was inaugurated as Governor of Illinois. Last month marked the seventy-fifth anniversary of this event.

To those familiar with his life, Governor Altgeld's contributions to this state and to the ideals of democracy were remarkable. From impoverished beginnings he rose to be a successful lawyer, a judge, and finally, a chief executive with a distinguished record of hospital and prison reform. Even more noteworthy is the fact that, having attained these goals, he knowingly courted financial and political ruin to free three anarchists convicted in the aftermath of the Haymarket affair.

Historians of the University of Illinois have pointed out Governor Altgeld's part in supporting greatly increased appropriations for the University and encouraging expansion plans.

To members of this Board, however, the contributions of Governor Altgeld, as reflected in the minutes of its meetings, assume greater relevance. In the minutes of the June 6, 1893, meeting, it is recorded that the Board adopted the suggestion of the Governor, made after he completed the commencement address that day, that the construction of a new building for the College of Engineering be accelerated as rapidly as possible. At the August 1, 1894, meeting, on motion of the Governor, "it was voted that the secretary of the board be directed to prepare a statement of the special advantages of this University," copies of which would be sent to all "male teachers of the state and to others interested in education." Later entries find him proposing the resolution for the acquisition of the Chicago College of Pharmacy and taking an active part in the selection of a design for the library building which was later to bear his name. A contemporary summary of the Governor's role appears in a report of the Chairman of the Buildings and Grounds Committee:

"Ever since the incumbancy of Governor Altgeld, he has been a warm friend of the University of Illinois and has in every way practicable exercised his influence and authority to promote its welfare."

On the occasion of this anniversary, the Board of Trustees hereby records again its appreciation for the leadership, support, and vision which Governor Altgeld gave to the Board and to the University during his term of office.

REPORT OF COMMITTEE ON GENERAL POLICY

Mr. Hughes, for the Committee on General Policy, presented a report on a matter considered by the Board of Trustees on January 17, 1968, and referred to the Committee.

On January 17, 1968, Mr. John Pappademos, President of the Chicago Circle Federation of Teachers, Local 1627 (American Federation of Teachers, AFL-CIO), presented a request that the Board of Trustees "authorize an immediate election to allow the Chicago Circle faculty an opportunity to elect a bargaining agent." The request was referred to the Committee on General Policy for study and recommendation.

The Committee has reviewed the documents presented to the Trustees by Mr. Pappademos on January 17, in particular those portions of the documents in which the general objectives of the Federation are stated. The Committee has also studied a report from the Secretary of the University and Secretary of the Board of

Trustees (prepared at the request of the President of the University) in which University policies and procedures related to the objectives of the Federation are described.

It is the view of the Committee on General Policy that the broad objectives of the Federation are of fundamental significance to the University and worthy of continual appraisal through the established faculty agencies provided for by the University *Statutes*.

The Committee further believes that present University policies — and as they relate to salaries and fringe benefits, grievance procedures, and the role of the faculty in policy-making — fully reflect the highest standard of excellence in university governance in this country and sees no need for a change in the present structure and relationships.

Therefore, the Committee on General Policy recommends that the request of the Chicago Circle Federation of Teachers be denied.

General Policy Committee
 EARL M. HUGHES, *Chairman*
 HOWARD W. CLEMENT
 DONALD R. GRIMES
 RALPH C. HAHN
 THEODORE A. JONES
 KENNEY E. WILLIAMSON

On motion of Mr. Grimes, the recommendation of the Committee was unanimously approved.

At this point, Mr. Hughes asked to be excused from the meeting.

CURRENT STATUS OF SELECTIVE SERVICE

The President of the University reported to the Trustees on the apparent effect on the University of new selective service regulations and interpretations — those which will have particular significance on graduate level enrollments beginning in the fall of 1968. Extended comment and analysis was provided by the Executive Vice-President and Provost and by the chancellors from each of the campuses. The Provost indicated that possibly 20 per cent of the projected enrollment of graduate students for 1968 might be eligible for the draft. However, it was made clear that a number of uncertainties are involved, including the fact that much rests upon the individual decisions of students enrolled and students seeking admission themselves.

The President indicated that continued reports and analyses will be brought to the Board in months to come.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
 The Board considered the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

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 Illinois Accountancy Act of 1943, as amended, 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>
KENNETH CARROLL DAY	Nashville, Tennessee	Tennessee
RICHARD REX SIDNAM	Kalamazoo, Michigan	Michigan
CHARLIE FRIEND WILKINSON	Northbrook, Illinois	North Carolina

I concur.

On motion of Mr. Grimes, 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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; P— indefinite term appointment for part-time service only; B— two years; D— one year; E— nine months from the beginning of the academic year; G— special tenure; Q— initial term appointment for Professor or Associate Professor; Y— twelve months' service required instead of two semesters; 1-7— indicates the number of years of service which will be credited at the end of the contract period toward completion of the probationary period relating to tenure.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

Chicago Circle

1. CHATHILINGATH K. SANATHANAN, Associate Professor of Electrical Engineering, Department of Information Engineering, from January 1 through August 31, 1968, without salary, and for two years from September 1, 1968 (Q), at an annual salary of \$14,500.

Medical Center

2. GLORIA GEORGE, Assistant Professor of Nursing, beginning January 1, 1968, on $\frac{1}{2}$ time (D10), at an annual salary of \$900.

Urbana-Champaign

3. THOMAS T. BANNISTER, Visiting Research Professor of Botany, for the period from February 1, 1968, through July 31, 1968 (G), at a salary of \$9,600.
4. EDDIE BASLER, Visiting Professor of Plant Physiology, Department of Agronomy, on 92 per cent time, for seven months from February 1, 1968 (G92), at a salary of \$8,575.
5. SHERMAN D. BROWN, Associate Professor of Ceramic Engineering, beginning September 1, 1968 (A), at an annual salary of \$14,000.
6. BERNIE R. BURRUS, Visiting Professor of Law, for the second semester 1967-68 (D), at a salary of \$10,500.
7. ENRIQUE CASTRO-CID, Visiting Professor of Art, for the second semester 1967-68 (E), at a salary of \$8,000.
8. JUAN C. FASCILOLO, Visiting Professor of Physiology and Biophysics, for the period from January 15, 1968, through June 15, 1968 (G), at a salary of \$7,000.
9. YOSHIO IWAMOTO, Assistant Professor of Japanese Literature, Center for Asian Studies, beginning September 1, 1968 (1), at an annual salary of \$12,000.
10. LILIAN G. KATZ, Assistant Professor of Elementary Education, beginning February 1, 1968 (1), at an annual salary of \$10,000.
11. DAVID L. PERROTT, Visiting Assistant Professor of Law, for the second semester 1967-68 (E), at a salary of \$9,000.

On motion of Mr. Jones, these appointments were confirmed.

APPOINTMENTS TO THE CENTER FOR ADVANCED STUDY

(3) The Dean of the Graduate College, in consultation with an advisory selection Committee of Center Professors, and with the concurrence of the Chancellor at Urbana and the Executive Vice-President and Provost, has recommended the following appointments as Professors in the Center for Advanced Study effective February 1, 1968.

HENRY KAHANE, Professor of Spanish and of Linguistics

NELSON J. LEONARD, Professor of Chemistry
 OSCAR LEWIS, Professor of Anthropology
 CHARLES P. SLICHTER, Professor of Physics
 MICHIO SUZUKI, Professor of Mathematics

This expansion of membership of the Professors in the Center is in accord with the planned expansion of the Center as a key organization in the development of interdisciplinary programs.

The appointees will remain involved in the teaching programs in their respective departments, and their departments will continue to provide most of the funds to support their appointments.

I have approved these appointments and request confirmation of my action.

On motion of Mr. Clement, these appointments were confirmed.

DEANSHIP OF THE COLLEGE OF MEDICINE, MEDICAL CENTER

(4) I recommend the appointment of Dr. William J. Grove, presently Professor of Surgery on indefinite tenure and Associate Dean of the College of Medicine, as Dean of the College of Medicine, beginning March 1, 1968,¹ at an annual salary of \$33,000 on a twelve-month service basis.

The recommendation is based upon a report from a consultative committee² and follows consultation with the Executive Committee of the College.

Dr. Grove succeeds Dr. Granville A. Bennett whose resignation as Dean of the College of Medicine became effective January 1, 1968.

The Chancellor at the Medical Center campus and the Executive Vice-President and Provost endorse this recommendation.

On motion of Mr. Grimes, this appointment was approved.

DEANSHIP OF THE COLLEGE OF BUSINESS ADMINISTRATION, CHICAGO CIRCLE

(5) I recommend the appointment of Dr. Irvin Lee Heckmann, presently Professor of Management and Dean of the College of Business Administration at Creighton University, as Professor of Management on indefinite tenure and Dean of the College of Business Administration beginning August 1, 1968, at an annual salary of \$27,000 on a twelve months' service basis. The appointment as Dean will be from August 1, 1968, through August 31, 1969, which is consistent with the statutory provision of biennial tenure of deans, such appointments usually coinciding with the fiscal biennium.

The recommendation is based upon a report from a special committee³ and after consultation with the Dean of Faculties, the Executive Committee of the College of Business Administration, and the Coordinators of the College of Business Administration at Chicago Circle.

The appointment is to succeed Dean Raymond W. Coleman who asked to be relieved of this administrative assignment as of November 30, 1966. Professor Robert W. French has been serving as Acting Dean.

On motion of Mr. Pogue, this appointment was approved.

PROVISIONAL CODE OF CONDUCT

(6) Senate Bill No. 506, approved by the Seventy-fifth General Assembly, provides that "The Board of Higher Education shall promulgate a detailed code of conduct

¹ This appointment will be from March 1, 1968, through August 31, 1969, which is consistent with the statutory provision of biennial tenure of deans, such appointments coinciding with the fiscal biennium. He will continue as Professor of Surgery on indefinite tenure.

² Members of the consultative committee are: George G. Jackson, Professor of Medicine, *Chairman*; Orville T. Bailey, Professor of Neurology; Stephen B. Binkley, Professor and Head of the Department of Biological Chemistry; Herschel L. Browns, Clinical Assistant Professor of Medicine; Reino E. Kallio, Professor of Microbiology and Director of the School of Life Sciences; Peter C. Kronfeld, Professor and Head of the Department of Ophthalmology, College of Medicine, and Ophthalmologist-in-Chief, Illinois Eye and Ear Infirmary; Mark H. Lepper, Professor of Preventive Medicine and Community Health; Lloyd M. Nyhus, Professor and Head of the Department of Surgery, College of Medicine, and Surgeon-in-Chief, Research and Educational Hospitals; Neena B. Schwartz, Professor of Physiology.

³ Members of the special committee are: Leonard Kent, Professor of Economics, *Chairman*; S. G. Huneryager, Associate Professor of Management; Boyd R. Keenan, Professor of Political Science; J. R. Norsworthy, Assistant Professor of Economics; William H. Reynolds, Professor of Marketing; Albert J. Schneider, Professor of Accounting; William W. Tongue, Professor of Economics and of Finance.

for persons employed on the staffs of State-operated institutions of higher learning."

Accordingly, a draft code was prepared by an "Ethics Committee" convened by the Executive Director of the Board of Higher Education and disseminated to the administrative officers of the state universities of Illinois for comments and suggestions.

Within the time afforded for institutional appraisal, the members of the University Council on Administration and the chairmen of the Senate Committees on Educational Policy were asked for reactions and suggestions.

A resultant *Provisional Code of Conduct*, a copy of which is being filed with the Secretary of the Board for record, was approved by the Board of Higher Education on February 6, 1968. It is now expected that the *Provisional Code* will receive a full institutional review prior to its issuance in final form, perhaps by the end of the present academic year.

Under sections II, III, and IV of the *Provisional Code*, the institutional governing boards have administrative and enforcement responsibilities with respect to the general standards of conduct set forth (in Section II). However, prior to action on these matters by the Board of Trustees, I recommend that the Board of Trustees receive the *Provisional Code* as a matter of record and refer it to the Faculty Senates and to an appropriate group related to nonacademic employees for their advice.

On motion of Mr. Grimes, this recommendation was approved.

(The President of the University indicated that in reference to Section 3A, he would expect to prepare a list of officers who should be designated as those required to file "written disclosures" as specified in the code.)

**DELETION OF SECTION 6, THE GENERAL RULES CONCERNING
UNIVERSITY ORGANIZATION AND PROCEDURE:
PHOTOGRAPHY AND BLUEPRINTING DEPARTMENT**

(7) In the course of revising *The General Rules Concerning University Organization and Procedure* to reflect the chancellorship system of organization, a number of editorial changes appear desirable in order to reflect that pattern symmetrically among all campuses.

One such change relates to Section 6 of the *General Rules*, "Photography and Blueprinting Department." It is felt that specific reference to a particular unit of this kind at one campus is best handled by administrative definition and that its inclusion in the *General Rules* is therefore unnecessary.¹

Accordingly, the President of the University recommends that Section 6 of the *General Rules* be deleted. The changes will be reflected in the new edition of the *University of Illinois Statutes and The General Rules Concerning University Organization and Procedure*.

On motion of Mr. Hahn, this recommendation was approved.

**CHANGES IN NONACADEMIC POLICY AND RULES —
VACATION AND PERSONAL LEAVE**

(8) Since the September 20 revision of the *Policy and Rules* in respect to vacation, a question has arisen as to vacation accrual during periods of retirement disability. Procedurally, an employee who is receiving retirement disability income is placed on a leave without pay status with the University. The Vacation and Personal Leave Policy, as revised on September 20, did not contemplate that vacation would be earned while an employee was on leave without pay or that the period of sick leave would count toward service years.

Since September 20, employee groups have urged that periods of disability under the Retirement System even though non-occupational, should be treated in the same way as occupational disability for leave purposes. It is noted that the Policy, as approved, does provide that an employee who is receiving Workmen's Compensation will continue to earn vacation and personal leave while he is receiving these income benefits and that the time covered will be credited towards service

¹ Transfer of administrative responsibility for the Photographic Laboratory, effective March 1, 1968, from the University Director of Public Information to the Director of Public Information, Urbana-Champaign, was approved by the President of the University on January 19, 1968.

years. The employees' proposal has been reviewed by the Director of Nonacademic Personnel and by the All-University Nonacademic Personnel Advisory Committee. The Committee was of the opinion that the time an employee is receiving retirement disability income should be counted as service years but that during the period no vacation or personal leave should be earned.

In the light of this opinion and upon the recommendation of the Vice-President and Comptroller and the Director of Nonacademic Personnel, the following sentence is proposed as an addition to the Vacation and Personal Leave Policy as revised on September 20:

Time during which an employee is receiving disability income benefits under the University's Retirement System, including any gap in benefit payments between the expiration of institutional benefits and the commencement of benefits available under the Retirement System, will be treated as in-pay status for computation of service years but vacation and personal leave will not be earned during such time.

I concur in the recommendation.

On motion of Mr. Grimes, this recommendation was approved.

CHANGES IN NONACADEMIC POLICY AND RULES — LEAVES OF ABSENCE AND DISABILITY BENEFITS

(9) Proposed changes in the *Policy and Rules* relating to Leaves of Absence and Disability Benefits of nonacademic employees have been under consideration for some time. Consistent with procedures followed in other recent changes and revisions, comments have been solicited by the Director of Nonacademic Personnel from deans, directors, and department heads and from employee organizations. Draft revisions were submitted to the Nonacademic Personnel Advisory Committees on each campus and to the University of Illinois members of the Employees Advisory Committee of the University Civil Service System of Illinois. Revised drafts were reviewed by the All-University Nonacademic Personnel Advisory Committee. In the light of such reviews and at the recommendation of the Vice-President and Comptroller and the Director of Nonacademic Personnel, the following policy changes are presented to the Board for approval, the changes to become effective March 1, 1968.

Leaves of Absence

University-wide Policy: Leaves of Absence

Leaves of absence without loss of pay and in some instances without pay may be granted to eligible employees as defined by the President of the University, who shall also issue Rules for the administration of leaves.

A. *Jury Duty Leave*

An eligible employee, upon his request, shall be granted a leave of absence without loss of pay when called for jury duty. University pay during Jury Duty Leave will be computed as the difference between the payment for jury duty and the regular salary or wage of the employee.

B. *Military Leave*

1. For Limited Training or Emergency Call-Up

Leave of absence with pay at his regular rate shall be granted an eligible employee who is an officer or enlisted man in the Illinois National Guard, the Illinois Naval Militia, or the reserve components of the Armed Forces, called for Limited Training or Emergency Call-up. The length of the Military Leave for Limited Training with pay will not exceed standards established by federal or state regulations for training activities required to maintain standing in the above military units. In the event the required annual Limited Training or Emergency Call-up is extended beyond fifteen days, the employee will be granted leave without pay for such additional days. In the event the Limited Training service is requested by the employee but not required by military authorities, he may be granted leave without pay if operating requirements of the University permit.

2. For Service in the Armed Forces of the United States

Leave for Service in the Armed Forces of the United States without pay shall be granted an eligible employee who enlists or is inducted into such service. In accordance with provisions of the Universal Military Training and

Service Act of 1951 and the Armed Forces Reserve Act of 1955, as amended, such an employee will be restored to a position of like seniority, status, and pay if (1) his discharge is under conditions other than dishonorable, (2) he requests reemployment within ninety days after his discharge, and (3) he is qualified physically and mentally to perform the duties of the position. If, as a result of the service in the Armed Forces, he is not physically or mentally qualified to perform the duties of such a position, he will be restored to a position for which he is qualified to perform the duties and which will provide him the seniority, status, and pay, or the nearest approximation thereof consistent with the circumstances of the case.

C. *Special Leave*

Special Leave without pay may be granted for the purpose of continuing the employee status of an individual whose performance record warrants it and who requests such leave for sufficient cause, e.g., a faculty wife who wants to be with her husband while he is on sabbatical leave, an employee who has exhausted his sick and disability benefits and who is still unable to return to work, an employee engaged in public interest work or in furthering his education. Reemployment following Special Leave will be subject to an availability period as defined by the President.

D. *Funeral Leave*

Upon his request, an eligible employee shall be granted at his regular rate of pay Funeral Leave of up to three work days for the funeral of a member of his immediate family or household, and of one day for the funeral of a relative outside his immediate family or household. Leaves beyond these amounts may be approved under special circumstances.

E. *Excused Absences and Leave Extension*

The President of the University may issue rules providing for such types of Excused Absences of employees without loss of pay or without pay and for extensions of the leaves authorized above as he determines to be in the interest of the University.

(Approved by the Board of Trustees February 21, 1968.)

In general, the new policy provides the same benefits as have existed heretofore except that for Military Leave (1) a provision has been added to include emergency call-up (riot duty) for the same leave treatment as has heretofore been provided for limited training; and (2) a small change has been made in the provisions for restoration following service in the Armed Forces.

In respect to Special Leave, provision has been made for "Educational Leave" as recommended by the Merit Board in July, 1967. Also, this category of leave has been broadened to include situations where it is believed desirable to continue the employee status of an individual whose performance record warrants it and who requests leave for reasons such as the illustrations in the text. In the present labor market it seems desirable to maintain such employee ties in order to encourage their return. Provision is made for an availability period at the end of the leave which is designed to facilitate placement upon the employee's return. This provision has been borrowed from the State of Michigan where it has been in use for some time.

Disability Benefits

The Sick Leave portion of the Disability Benefits Policy conforms to standards recommended by the Merit Board of the University Civil Service System of Illinois at its July 26, 1967, meeting. Otherwise, the policy statement refers to benefits available under the Illinois Workmen's Compensation and Occupational Diseases Acts, the State Universities Retirement System Act, and under University of Illinois Insurance Plans.

The text of the revised policy statement follows :

University-wide Policy: Disability Benefits

Disability income benefits are available to employees under (1) the Illinois Workmen's Compensation and Occupational Diseases Acts, (2) the University of Illinois Sick Leave Plan, and (3) the State Universities Retirement System. Medical and hospital expense benefits are available under (1) the Illinois Workmen's Compensation and Occupational Diseases Acts, and (2) the Faculty-Staff Group Health Insurance Plans. The cost of the benefits under University sponsored in-

insurance plans and the State Universities Retirement System are borne in part by the employer and in part by the employee.

A. *Workmen's Compensation* (disability arising out of and in the course of employment)

An employee who suffers disability arising out of and in the course of his employment will receive compensation, as determined by the University Committee on Accident Compensation, in accordance with the provisions of the Illinois Workmen's Compensation and Occupational Diseases Acts. Payment of income benefits under these Acts (temporary total disability) may be supplemented by payments from earned University benefits (e.g., Sick Leave, Vacation and Personal Leave) but the total payments may not exceed basic straight time compensation.

B. *Sick Leave* (disability not arising out of and in the course of employment)

1. An employee in a trainee, apprentice, provisional, or status appointment will accumulate paid Sick Leave without limit at the rate of .05 hours for each hour, exclusive of overtime, that he is in pay status, or approximately thirteen days per annum for an employee who works either 2080 or 1950 hours.
2. An employee may use his accumulated Sick Leave when he is absent because he is ill or injured or in order to obtain medical or dental consultation or treatment.

C. *State Universities Retirement System Benefits*

Disability benefits available from the State Universities Retirement System are described in its *Handbook of Information*.

D. *University Insurance Plans*

The benefits payable under University sponsored insurance plans are set forth in master policies. Pertinent provisions of these policies are described in brochures available at each campus Insurance Office.

E. The President of the University may issue rules for the administration of Disability Benefits as he determines to be in the interest of the University.

Disability benefits are continued on the same basis as heretofore except that (1) sick leave is no longer extended to casual, temporary, and extra help type employment and (2) sick leave is related directly to hours of work and earned at the rate of .05 hours for each hour in pay status. This will result in an employee who works full time earning the same (or slightly more) sick leave than has been the case heretofore; but, an employee will not earn sick leave when his is away from work due to an unexcused absence nor will he earn sick leave while he is on layoff as under certain circumstances has been the case in the past.

I concur in the recommendation that these policies be approved as herein presented. Upon their approval, appropriate rules will be issued as indicated and modified from time to time as circumstances warrant in accord with policies established.

On motion of Mr. Grimes, this recommendation was approved.

NAMES OF BUILDINGS AT CHICAGO CIRCLE

(10) The Chancellor at Chicago Circle has recommended the following names for buildings under construction and to be constructed at the Chicago Circle campus: Phase II: Utilities Building, Architecture and Art Laboratories, and Plant Research Laboratory

Phase III: Behavioral Sciences Building, Science and Engineering South, Education and Communications, and Physical Education Building

I recommend approval.

On motion of Mr. Hahn, this recommendation was approved.

CHANGE IN ORGANIZATION OF DEPARTMENT OF PHILOSOPHY, CHICAGO CIRCLE

(11) The members of the Department of Philosophy of professorial rank at Chicago Circle have voted to request a change in departmental organization from that of a department with a head to that of a department with a chairman.

With the concurrence of the Department, the Dean of the College of Liberal

Arts and Sciences, and the Dean of Faculties, the Chancellor recommends that the form of organization requested be approved, effective September 1, 1968. The Executive Vice-President and Provost also concurs.

I recommend approval.

On motion of Mr. Grimes, this recommendation was approved.

**PROPOSAL TO RENAME AND REORGANIZE THE CLEFT PALATE UNIT,
MEDICAL CENTER**

(12) The Chancellor at the Medical Center campus recommends that the name of the Cleft Palate Clinic and Training Program (Cleft Palate Unit) be changed to the Center for Craniofacial Anomalies. Additionally, it is proposed the Center be reorganized to enhance its contribution to the teaching, research, and patient care services of the Medical Center campus.

Currently the Cleft Palate Unit functions as a subunit of the Center for Handicapped Children in the Research and Educational Hospitals. It is proposed that the new Center for Craniofacial Anomalies, in view of its expanding activities, be organized independent of the Center for Handicapped Children. It is proposed that the Center for Craniofacial Anomalies be administered primarily through the Office of the Dean of the College of Dentistry. However, the new Center will continue to be responsible for the clinical portion of its activities to the Medical Director of the Research and Educational Hospitals.

Dr. Samuel Pruzansky, Professor of Dentistry and presently in charge of the Cleft Palate Unit, will serve as Director of the Center for Craniofacial Anomalies.

A statement explaining more fully the present status of the Cleft Palate Unit and the changes which are proposed is being filed with the Secretary of the Board for record.

A revision and an extension of an existing program are proposed and, as such, would not need to be approved by the Illinois Board of Higher Education.

The Executive Vice-President and Provost concurs in this recommendation. I recommend approval.

On motion of Mr. Hahn, this recommendation was approved.

**MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY DEGREES
IN NUTRITIONAL SCIENCES, URBANA**

(13) The Graduate College and the Urbana-Champaign Senate recommend the establishment of Master of Science and Doctor of Philosophy degrees in Nutritional Sciences and the establishment of a Committee on Nutritional Sciences.

The University has been recognized for many years as a center of research and training in nutrition. These activities have been carried out chiefly by the Departments of Animal Science, Dairy Science, Food Science, and Home Economics and, to a lesser extent, by individuals and small groups within the Colleges of Medicine, Veterinary Medicine, and Liberal Arts and Sciences.

Despite the collective accomplishments of these groups, it is felt that a coordinating body which would stimulate interdepartmental cooperation in teaching and research would also enhance the effectiveness of ongoing departmental programs, provide improved direction of graduate training programs, and aid in obtaining training grants and research funds.

The merits of an interdepartmental graduate training program in nutritional sciences have been discussed among faculty members of the College of Agriculture over a period of years.

The present proposal is an outgrowth of a recent evaluation of graduate teaching and research in the nutritional sciences in the College of Agriculture carried out by the Nutritional Sciences Coordinating Committee. It consists of recommendations for establishment of M.S. and Ph.D. degree programs in nutritional sciences to be administered by an interdepartmental Committee on Nutritional Sciences. The latter would consist of members appointed from the Graduate Faculty by the Dean of the Graduate College on the basis of demonstrated interest and competence in the field. Its responsibility would be to provide interdepartmental coordination and planning of instructional programs in the nutritional sciences.

The Chancellor at the Urbana-Champaign campus and the Executive Vice-President and Provost endorse this recommendation. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I recommend approval, subject to further action by the Board of Higher Education.

On motion of Mr. Grimes, this recommendation was approved.

**DOCTOR OF PHILOSOPHY DEGREE IN ENGINEERING
(SOLIDS AND FLUIDS), CHICAGO CIRCLE**

(14) The Graduate College and the Chicago Circle Senate recommend the establishment of the degree of Doctor of Philosophy in Engineering (Solids and Fluids).

This recommendation has been developed partly in recognition of the increase which has occurred nationally in recent years in enrollments at the graduate level in engineering. According to recent studies, this increase will have to accelerate in the future if national needs are to be met. It has been estimated¹ that the anticipated production of engineering doctorates will not be sufficient to satisfy the needs of industry and universities during the next decade.

Studies by the American Society of Engineering Education indicate that persons receiving doctorates in engineering, given the opportunity, tend to remain in the vicinity of the university where they complete their degree. Therefore, it is anticipated that such a program at Chicago Circle will be of considerable value to existing local industry and serve to attract new industry.

The proposed program is expected to help direct engineering research efforts toward the solution of the multiplicity of interrelated urban problems, such as air pollution, development of low-cost housing, and traffic control. Moreover, the departments which developed the proposal foresee it as an opportunity to the culturally disadvantaged:

"The many openings in industry and government laboratories have provided opportunities to move quickly into reasonable income brackets and without penalty for prior social or cultural impediments. This upward mobility contributes to the solution of the problems of our urban setting.

"The University of Illinois Circle Campus is singularly adapted to this function. The availability of a doctoral program on the campus would open up an opportunity for the more talented students coming from culturally disadvantaged backgrounds to move to the highest professional engineering level. Unquestionably, many of these would remain in the Chicago area, thereby contributing to the solution of urban problems and at the same time to the industrial capability of the area. Moreover, job opportunities are abundant, especially in view of federal anti-discrimination statutes applying to the very industries into which engineering Ph.D.'s may be expected to move."

The initial response to the existing Master of Science programs in engineering, which were initiated in September, 1967, has been sufficient to justify the expectation that there will be a strong response to the proposed Ph.D. program.

A further justification for offering work at the doctoral level in engineering is that the students enrolled would help supply the graduate teaching assistants needed for the increasing undergraduate enrollment.

The program itself, developed cooperatively by the Departments of Energy Engineering and Materials Engineering, is designed to promote flexibility through an organization based on functional divisions, rather than traditional departmental lines. Within this framework, initially, majors will be offered in continuum mechanics, gas dynamics, heat transfer, plasma dynamics, soil engineering, and structures.

The degree candidate will be required to meet the admission standards and degree requirements generally prevailing within the Graduate College of the University of Illinois.

The Chancellor at the Chicago Circle campus, the Dean of the Graduate College, and the Executive Vice-President and Provost concur in this recommendation. The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I recommend approval subject to further action by the Board of Higher Education.

On motion of Mr. Hahn, this recommendation was approved.

¹ *Preliminary Report on the Goals of Engineering Education*, October, 1965, American Society for Engineering Education.

CONTRACTS FOR CONSTRUCTION OF INSECT BIOLOGICAL CONTROL LABORATORY, URBANA

(15) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for construction of the Insect Biological Control Laboratory for the use of the State Natural History Survey, Champaign, the award in each case to the lowest bidder.

General — Barber & DeAtley, Inc., Urbana	
Base bid plus Additive Alternates G-2, G-3, G-4, and G-5.....	\$ 80 200 00
Electrical — G. L. Wilsky, doing business as Downtown Electric, Urbana	
Base bid plus Alternate E-1.....	15 425 00
Plumbing — Illini Plumbing and Heating, Inc., Champaign	
Base bid.....	24 020 00
Heating and Air Conditioning — Cool-Rite Mechanical Contractors, Inc., Urbana	
Base bid plus Alternate H-1.....	12 351 00
<i>Total</i>	\$131 996 00

Funds are available from private gift funds to the Natural History Survey and from state capital appropriations to the University for 1967-69, subject to release by the Governor.

Submitted herewith is a report from the Campus Architect, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Grimes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

RENTAL OF COMPUTER EQUIPMENT, SCHOOL OF LIFE SCIENCES, URBANA

(16) The School of Life Sciences requires a scientifically oriented computer which can be incorporated in and made readily adaptable to both research and instructional programs, and also be compatible with other large capacity computer systems in the University. Following technical evaluation by the staff of the School of Life Sciences, in consultation with the Departments of Computer Science and Chemistry and Chemical Engineering, it was concluded that the IBM 1130 Computer System is the only one economically available which will uniquely meet the requirements of the School of Life Sciences.

This system will be compatible with existing computer equipment in the Department of Chemistry and Chemical Engineering, as well as the Illinet concept of the Department of Computer Science.

The United States Public Health Service will furnish funds to support the initial year of operation of this equipment. Thereafter, the facility would be supported from charges to the departments using it.

The President of the University, with the concurrence of appropriate administrative officers, recommends that a rental contract be authorized with the International Business Machines Corporation for one year for the annual rental rate of \$17,944.80, with the option to extend on an annual basis, subject to availability of funds and need.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Pogue, Mr. Swain; no, Mr. Jones; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

CONTRACT FOR DEMOLITION AND REMOVAL OF OLD POWER PLANT AND INCINERATOR BUILDING, MEDICAL CENTER

(17) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$21,665 to the Cleveland Wrecking Company, Chicago, the lowest bidder for the demolition

and removal of the Old Power Plant and Incinerator Building at the Medical Center campus.

Funds for this work are available from state capital appropriations for 1967-69 and have been released by the Governor.

On motion of Mr. Grimes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

LEASE WITH THE ILLINOIS BUILDING AUTHORITY — CIVIL ENGINEERING BUILDING AND ADDITION AT URBANA

(18) The Board of Trustees on July 26, 1967, authorized the Comptroller and the Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with the Civil Engineering Building and Addition at Urbana-Champaign, also known as Civil Engineering Building, Phase IIa, which the Seventy-fifth General Assembly of the State of Illinois had declared to be in the public interest. The Board of Trustees at its meeting on December 20, 1967, requested the Illinois Building Authority to award a contract for the construction. The capital costs of the project, including the construction award, are to be financed by Illinois Building Authority funds in the sum of \$2,100,000, the balance to come from federal funds and state appropriations to the University. In addition to these amounts, the sum of \$571,000 will be utilized from Civil Engineering Building (Phase I) funds, pursuant to the revised budget for that project, Project IBA 73-07, as approved by the members of the Illinois Building Authority at its meeting on January 24, 1968.

The Illinois Building Authority has now sent the University the form of the permanent lease which should be used on this project and has requested that the Board of Trustees take specific action to approve the same. A copy of said lease form is presented herewith and is being filed with the Secretary of the Board for record.

The lease relates to the following project and is on the terms indicated:

<i>Project</i>	<i>Legislative Declaration</i>	<i>IBA Project Cost</i>	<i>Amount of Rental Herebefore Paid Under Interim Lease</i>	<i>Annual Rent Due September 1, 1968, and on or before September 1 of Each Year Thereafter to June 30, 1990</i>	<i>Total Rental Payments</i>
Civil Engineering Building and Addition, Urbana-Champaign.....	\$ 528 500 00	\$ 2 100 000 00	\$398 990 00	\$151 630 00	\$ 3 734 850 00

Funds for rental payments under the lease during the current biennium 1967-69 are available to the University from appropriations made by the Seventy-fifth General Assembly.

The President recommends that the Comptroller and the Secretary of the Board of Trustees be given specific authorization to execute this lease in substantially the form presented in this meeting and that the following resolution be adopted.

Resolution Authorizing Leasing of Civil Engineering Building and Addition at Urbana-Champaign, Also Known as Civil Engineering Building, Phase IIa, from the Illinois Building Authority

WHEREAS The Board of Trustees of the University of Illinois on July 26, 1967, authorized the Comptroller and Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with certain University projects which the Seventy-fifth General Assembly of the State of Illinois had declared to be in the public interest; and

WHEREAS in accordance with the Illinois Building Authority Act the Seventy-fifth General Assembly of the State of Illinois has declared, among others, the following University of Illinois project at Urbana-Champaign to be in the public interest:

Civil Engineering Building and Addition At Urbana-Champaign.... \$3 528 500 00
and

WHEREAS said declaration also provides that the cost of any specific project could exceed the amount set forth therefor so long as the aggregate amount stated therein to be financed by the Illinois Building Authority for the University is not exceeded; and

WHEREAS the amount designated for said project as follows :

Urbana-Champaign Campus IBA #75-13 Construct Civil Engineering Building and Addition..... \$2 100 000 00

will not cause said aggregate amount to be exceeded; and

WHEREAS the Illinois Building Authority has forwarded to the University of Illinois the form of the permanent construction lease which it requests be used for this project; and has requested that the Board of Trustees take specific action to approve the same; copy of which lease form is presented herewith and is being filed with the Secretary of the Board for record;

Now, Therefore, Be It, and It Hereby Is, Resolved that the Comptroller and Secretary of this Board of Trustees be, and hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this corporation a lease with the Illinois Building Authority in substantially the form presented to this meeting for the following building and facility :

Construction of a Civil Engineering Building and Addition at Urbana-Champaign Campus, at a cost to the Illinois Building Authority of \$2,100,000.00 requiring 22 rental payments as follows: an initial rental on or before September 1, 1968 in the sum of \$151,630.00; and during each successive renewal term of the Lease, the annual sum of \$151,630.00 on or before the 1st of September of each year thereafter until June 30, 1990 with total rental payments of \$3,734,850.00 (less the sum of \$398,990.00 which has been paid under the terms of Interim Leases.)

On motion of Mr. Hahn, authority was given as recommended and the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

**LEASE WITH THE ILLINOIS BUILDING AUTHORITY —
SMALL ANIMAL CLINIC BUILDINGS, URBANA**

(19) The Board of Trustees on July 26, 1967, authorized the Comptroller and the Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with the Small Animal Clinic Buildings at the Urbana-Champaign campus, also known as Small Animal Clinic and Hospital-Veterinary Medicine Complex, Phase I, which the Seventy-fifth General Assembly of the State of Illinois had declared to be in the public interest. The Board of Trustees at its meeting on January 17, 1968, requested the Illinois Building Authority to award a contract for the construction. The capital costs of the project, including the construction award, are to be financed by Illinois Building Authority funds in the sum of \$6,065,000, the balance to come from state appropriations to the University.

The Illinois Building Authority has now sent the University the form of permanent lease which should be used on this project and has requested that the Board of Trustees take specific action to approve the same. A copy of said lease form is presented herewith and is being filed with the Secretary of the Board for record.

The lease relates to the following project and is on the terms indicated :

Project	Legislative Declaration	IBA Project Cost	Amount of Rental Heretofore Paid Under Interim Lease	Annual Rent Due September 1, 1968, and on or before September 1 of Each Year Thereafter to June 30, 1990	Total Rental Payments
Small Animal Clinic Buildings, Urbana-Champaign...	\$6 812 000 00	\$6 065 000 00	\$1 053 725 00	\$442 405 00	\$10 786 635 00

Funds for rental payments under the lease during the current biennium 1967-69 are available to the University from appropriations made by the Seventy-fifth General Assembly.

The President recommends that the Comptroller and the Secretary of the Board of Trustees be given specific authorization to execute this lease in substantially the form presented in this meeting and that the following resolution be adopted.

Resolution Authorizing Leasing of Small Animal Clinic Buildings at Urbana-Champaign, Also Known As, Small Animal Clinic and Hospital-Veterinary Medicine Complex, Phase I, Urbana, from the Illinois Building Authority

WHEREAS The Board of Trustees of the University of Illinois on July 26, 1967, authorized the Comptroller and Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with certain University projects which the Seventy-fifth General Assembly of the State of Illinois had declared to be in the public interest; and

WHEREAS in accordance with the Illinois Building Authority Act the Seventy-fifth General Assembly of the State of Illinois has declared, among others, the following University of Illinois project at Urbana-Champaign to be in the public interest:

Small Animal Clinic Buildings At Urbana-Champaign Campus..... \$6 812 000 00
and

WHEREAS said declaration also provides that the cost of any specific project could exceed the amount set forth therefor so long as the aggregate amount stated therein to be financed by the Illinois Building Authority for the University is not exceeded; and

WHEREAS the amount designated for said project as follows:

Urbana-Champaign Campus IBA #75-12 Construct Small
Animal Clinic Buildings..... \$6 065 000 00

will not cause said aggregate amount to be exceeded; and

WHEREAS the Illinois Building Authority has forwarded to the University of Illinois the form of the permanent construction lease which it requests be used for this project; and has requested that the Board of Trustees take specific action to approve the same; copy of which lease form is presented herewith and is being filed with the Secretary of the Board for record;

Now, Therefore, Be It, and It Hereby Is, Resolved that the Comptroller and Secretary of this Board of Trustees be, and hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this corporation a lease with the Illinois Building Authority in substantially the form presented to this meeting for the following building and facility:

Construction of Small Animal Clinic Buildings at the Urbana-Champaign Campus, at a cost to the Illinois Building Authority of \$6,065,000.00 requiring 22 rental payments as follows: an initial rental on or before September 1, 1968 in the sum of \$442,405.00; and during each successive renewal term of the Lease, the annual sum of \$442,405.00 on or before the 1st of September of each year thereafter until June 30, 1990 with total rental payments of \$10,786,635.00 (less the sum of \$1,053,725.00 which has been paid under the terms of Interium Leases.)

On motion of Mr. Pogue, authority was given as recommended and the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

LEASE WITH THE ILLINOIS BUILDING AUTHORITY — SCIENCE AND ENGINEERING CENTER BUILDING, CHICAGO CIRCLE

(20) The Board of Trustees on July 26, 1967, authorized the Comptroller and the Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with the Science and Engineering Center Building (Science and Engineering South) at Chicago Circle which the Seventy-fifth Gen-

eral Assembly of the State of Illinois had declared to be in the public interest. The Executive Committee of the Board of Trustees at its meeting on December 5, 1967, requested the Illinois Building Authority to award a contract for the construction. The capital costs of the project, including the construction award, are to be financed by Illinois Building Authority funds in the sum of \$17,620,000, the balance to come from federal funds and State appropriations to the University.

The Illinois Building Authority has now sent the University the form of the permanent lease which should be used on this project and has requested that the Board of Trustees take specific action to approve the same. A copy of said lease form is presented herewith and is being filed with the Secretary of the Board for record.

The lease relates to the following project and is on the terms indicated:

Project	Legislative Declaration	IBA Project Cost	Amount of Rental Herebefore Paid Under Interim Lease	Annual Rent Due September 1, 1968, and on or before September 1 of Each Year Thereafter to June 30, 1992	Total Rental Payments
Science and Engineering Center Building, Chicago Circle.....	\$18 848 300 00	\$17 620 000 00	\$1 340 870 00	\$1 249 845 00	\$31 337 150 00

Funds for rental payments under the lease during the current biennium 1967-69 are available to the University from appropriations made by the Seventy-fifth General Assembly.

The President recommends that the Comptroller and the Secretary of the Board of Trustees be given specific authorization to execute this lease in substantially the form presented in this meeting and that the following resolution be adopted.

Resolution Authorizing Leasing of Science and Engineering Center Building at the Chicago Circle from the Illinois Building Authority

WHEREAS The Board of Trustees of the University of Illinois on July 26, 1967, authorized the Comptroller and Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with certain University projects which the Seventy-fifth General Assembly of the State of Illinois had declared to be in the public interest; and

WHEREAS in accordance with the Illinois Building Authority Act the Seventy-fifth General Assembly of the State of Illinois has declared, among others, the following University of Illinois project at the Chicago Circle to be in the public interest:

Science and Engineering Center Building at the Chicago Circle.... \$18 848 300 00 and

WHEREAS said declaration also provides that the cost of any specific project could exceed the amount set forth therefor so long as the aggregate amount stated therein to be financed by the Illinois Building Authority for the University is not exceeded; and

WHEREAS the amount designated for said project as follows:

Chicago Circle Campus IBA #75-06 Construct Science and Engineering Center Building..... \$17 620 000 00

will not cause said aggregate amount to be exceeded; and

WHEREAS the Illinois Building Authority has forwarded to the University of Illinois the form of the permanent construction lease which it requests be used for this project; and has requested that the Board of Trustees take specific action to approve the same; copy of which lease form is presented herewith and is being filed with the Secretary of the Board for record;

Now, Therefore, Be It, and It Hereby Is, Resolved that the Comptroller and Secretary of this Board of Trustees be, and hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this corporation a lease with the Illinois Building Authority in substantially the form presented to this meeting for the following building and facility:

Construction of a Science and Engineering Center Building at the Chicago

Circle, at a cost to the Illinois Building Authority of \$17,620,000.00 requiring 24 rental payments as follows: an initial rental on or before September 1, 1968, in the sum of \$1,249,845.00; and during each successive renewal term of the Lease, the annual sum of \$1,249,845.00 on or before the 1st of September of each year thereafter until June 30, 1992, with total rental payments of \$31,337,150.00 (less the sum of \$1,340,870.00 which has been paid under the terms of an Interim Lease).

On motion of Mr. Clement, authority was given as recommended and the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR PURCHASE AND CONSTRUCTION OF EQUIPMENT FOR THE UTILITIES CENTER ADDITION, CHICAGO CIRCLE

(21) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board request the Illinois Building Authority to award and proceed to procure the following contracts for furnishing and installing equipment for the use of the University at the Chicago Circle Utilities Center Addition required for the heating and air conditioning of Phase III Buildings. The award in each case is to the lowest bidder.

Division "301" — High Temperature Hot Water, Generating Unit and Pump — The International Boiler Works Company, East Stroudsburg, Pennsylvania.....	\$136 019 00
Division "302" — Refrigeration Unit for Chilled Water — Associated Piping Contractors, Inc., Chicago.....	<u>\$181 560 00</u>
<i>Total</i>	<u>\$317 579 00</u>

The above equipment is a part of the project for Chicago Circle, Phase III, construction which the Board on July 26, 1967, requested the Illinois Building Authority to provide. The Authority will finance the construction and lease the facilities to the University for rental payments for which state appropriations are available. Jurisdiction of the land on which the project will be constructed will also be transferred to the Authority.

It is also recommended that the Comptroller and the Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments of transfer, conveyance, lease, contract, and other documents as are necessary to provide for the carrying out of the foregoing project and equipment by the Illinois Building Authority.

I further recommend adoption of the resolutions submitted herewith to implement the official actions required.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to The International Boiler Works Company, P. O. Box 208, East Stroudsburg, Pennsylvania, a contract for high temperature hot water generating unit, high temperature hot water pump, and erection of high temperature hot water generating unit and pump for the Utilities Center Addition at the Chicago Circle, Phase III, for the fixed price of \$136,019.00.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to Associated Piping Contractors, Inc., 1223 West 18th Street, Chicago, Illinois, a contract for one refrigeration unit for chilled water and erection of refrigeration unit for the Utilities Center Addition at the Chicago Circle, Phase III, for the fixed price of \$181,560.00.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract, and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

EMPLOYMENT OF ENGINEERS FOR AIR CONDITIONING ILLINOIS STREET RESIDENCE HALLS, URBANA

(22) The President of the University, with the concurrence of appropriate administrative officers, recommends the employment of Robert Burkhardt and Associates, Inc., Chicago, for complete engineering services to complete the air conditioning of the Illinois Street Residence Halls at a fee in accordance with Schedule B of *The Illinois Society of Professional Engineers' Manual*, 1965 edition.

Funds are available from the proceeds of the sale of revenue bonds.

The Advisory Committee on Architectural and Engineering Services has approved this recommendation.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

DESIGNATION OF UNIVERSITY OFFICERS FOR FACILITY SECURITY CLEARANCE

(23) Officials of United States governmental agencies have requested the Board of Trustees to designate by formal action the officers of the Board and of the University who shall have the authority and responsibility for negotiation, execution, and administration of contracts with the United States of America and its agencies and all of the duties and responsibilities pertaining to the protection of classified information. The following resolution is offered and its adoption is recommended.

Resolution

WHEREAS, it has been brought to the attention of The Board of Trustees of the University of Illinois with its principal office and place of business in the City of Urbana, State of Illinois that in connection with a Facility Security Clearance, those officers of the University and Board of Trustees who are specifically and properly designated by action of its official executive body in accordance with the institution's requirements as the managerial group having the authority and responsibility for the negotiation, execution and administration of User Agency contracts and all of the duties and responsibilities pertaining to the protection of classified information and those members of The Board of Trustees who will require access to classified information are required to be cleared by the Department of Defense of the United States; and

WHEREAS, other Officers and Trustees who are United States Citizens, immigrant aliens, foreign representatives, or foreign nationals, and who shall not require

access to classified information in the conduct of the institution's business, are not required to be cleared, provided the Board of Trustees, by action of its official administrative body so affirms and makes a matter of record in the minutes of that administrative body;

Resolved: Members of the Board of Trustees, other than those whose names have been submitted for clearance, shall not require, nor shall have, and can be effectively excluded from access to all classified information in the possession of the institution and do not occupy positions that would enable them to affect adversely the institutions policies or practices in the performance of classified contracts for the User Agencies.

Be It Further Resolved: The following officers of The Board of Trustees and of the University of Illinois be and hereby are designated as the managerial group having the authority and the responsibility for the negotiation, execution, and administration of User Agency contracts and all of the duties and responsibilities pertaining to the protection of classified information: President, Secretary, and Comptroller of The Board of Trustees of the University of Illinois; and President, Vice-President and Comptroller, Executive Vice-President and Provost, and Legal Counsel of the University of Illinois.

On recommendation of Mr. Jones, the foregoing resolution was adopted.

PURCHASES

(24) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller.

The lists of purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were :

From Appropriated Funds.....	\$304 077 80
From Institutional Funds.....	\$391 466 31
<i>Total</i>	\$695 544 11

A complete list of the purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Pogue, the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(25) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary.

This report was received for record.

COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED

(26) The Comptroller's monthly report of contracts executed was submitted.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Amdal Company	Spectinomycin in improving weight gain and feed efficiency of weanling and growing finishing swine	\$ 4 000 00
Greenville College (subcontract with the Central Projects Office of the Illinois State Physics Project under N.S.F. grant GW-2986)	Secondary science training program and cooperative college - school science program	26 234 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Cities and Villages Municipal Problems Commission	Research and analysis of problems concerning inter-governmental fiscal relations in Illinois municipalities, aspects of municipal budgeting, and new revenue sources for municipalities	\$ 20 000 00
La Salle County Conservation District	Long-range comprehensive study of the La Salle County Conservation District	12 350 00
United States Air Force AFOSR-68-1508	Charged colloidal particles for propulsion	38 583 00
United States Department of the Interior 14-01-0001-1693	Diffusion and flow in interphase transport	78 242 00
United States Office of Education OEC-0-8-000511-2665(017)	Training program for seven Bolivian educators consisting of workshop sessions on the subject of elementary teacher education, and observational visits which illustrate specific phases of the topics discussed	3 491 00
United States Navy N00014-67-A-0305-0009	Research in radio astronomy, including design, construction, and use of equipment for observation of the radio frequency spectra of extraterrestrial radio sources	121 500 00
N00014-67-A-0305-0010	Research in the field of numerical and approximate analysis of structures including the development of problem-oriented computer program systems	50 000 00
<i>Total</i>		<u>\$ 354 400 00</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Julian "Cannonball" Adderley	Performance at Chicago Circle Center on January 19, 1968	\$ 3 000 00
Board of Education of the City of Chicago	Services of Elaine Grauer to serve as supervisor of student teachers of English	9 212 00
Newberry Center	Participation in the program at Newberry's Settlement House by five to ten students enrolled in the University's regular programs for the preparation of elementary and secondary teachers at the Chicago Circle campus (\$500 per student)	5 000 00
<i>Total</i>		<u>\$ 17 212 00</u>

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois State Library	Rural library development	\$ 50 000 00
National Aeronautics and Space Administration NGR14-005-088	Relativistic effects on space tracking data	19 274 00
United States Defense Atomic Support Agency DA-49-146-XZ-218	Research in structural dynamics	51 000 00
<i>Total</i>		<u>\$120 274 00</u>

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Admiral Heating and Ventilating, Inc.	Oxygen piping work	Medical Research Laboratory Addition
Fries Walters Company	Cost-plus contracts — electrical	Hospital Addition Building
Ideal Heating Company	Heating work	Medical Research Laboratory Addition
Jamar-Olmen Company	Ventilating and sheet metal work	Florida Avenue Residence Halls
Dolores Miller and Associates, Ltd.	Interior design	University Hall
Simpson Construction Company	General work	Undergraduate Library
<i>Total</i>		<u>\$48 760 00</u>

Summary

Amount to be paid to the University.....	\$474 674 00
Amount to be paid by the University.....	65 972 00

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(27) The Comptroller presented quarterly reports to the Board as of September 30, 1967, and as of December 31, 1967.

These reports were received for record, and copies have been filed with the Secretary of the Board.

INVESTMENT REPORT**Report of the Finance Committee**

(28) The Finance Committee reported the following changes in investments of endowment funds for the month of December, 1967:

*Pool**Sale*

\$50 000 Associates Investment open-end demand notes.....	\$ 50 000 00
34 000 Commercial Credit open-end demand notes.....	34 000 00
50 000 General Finance Corporation open-end demand notes.....	50 000 00
536 shares Standard Oil Company of California common stock.....	33 354 03

Purchase

\$45 000 Associates Investment open-end demand notes.....	45 000 00
300 shares Texas Instruments common stock.....	33 975 84

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of December, 1967:

Current Funds

FORD FOUNDATION — GENERAL ENGINEERING

Purchase

\$25 000 U.S. Treasury bills due 2/1/68.....	\$ 24 764 74
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RESTRICTED GROUP

Purchase

\$1 000 000 Archer-Daniels-Midland notes due 4/4/68.....	984 375 00
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ART OBJECTS

Sale

\$46 000 CIT Financial open-end demand notes.....	46 000 00
64 000 U.S. Treasury bills due 10/31/68.....	60 954 56

Purchase

\$65 000 U.S. Treasury bills due 12/31/68.....	61 480 25
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Construction Funds

ASSEMBLY HALL

Purchase

\$272 000 U.S. Treasury bills due 11/30/68.....	257 843 00
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DENTISTRY-MEDICINE-PHARMACY AUXILIARY (Medical Center)

Purchase

\$ 66 000 U.S. Treasury bills due 2/29/68.....	65 188 42
51 000 U.S. Treasury bills due 4/25/68.....	49 912 92
30 000 U.S. Treasury bills due 5/23/68.....	29 208 05
200 000 U.S. Treasury 4¼ per cent notes due 8/15/68.....	198 250 00

FLORIDA AVENUE RESIDENCE HALL

Purchase

\$836 000 U.S. Treasury bills due 11/30/68.....	792 462 98
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KRANNERT CONTRIBUTIONS

Purchase		
\$285 500	Cargill, Inc., 5½ per cent notes due 6/30/76.....	285 500 00
MEDICAL CENTER BONDS OF 1964 AUXILIARY (Medical Center)		
Purchase		
\$95 000	U.S. Treasury bills due 1/31/68.....	94 248 44
UNION AND RESIDENCE HALL (Medical Center)		
Purchase		
\$223 000	U.S. Treasury bills due 12/21/67.....	222 372 52
ORCHARD APARTMENTS		
Purchase		
\$473 000	U.S. Treasury bills due 11/30/68.....	447 970 02
<i>Sinking Funds</i>		
UNION AND RESIDENCE HALL (Medical Center)		
Purchase		
\$28 000	U.S. Treasury 4 per cent bonds due 2/15/70.....	27 142 50

This report was received for record.

**AUTHORIZATION FOR PARTICIPATION IN THE ESTABLISHMENT
OF THE CHICAGO REGIONAL DENTAL RESEARCH INSTITUTE**

(29) The College of Dentistry recommends that the University of Illinois join three other universities in Chicago and the American Dental Association in establishing a multi-institutional center for research and advanced study in the basic and clinical sciences related to oral health and disease — to be called “the Chicago Regional Dental Research Institute.”

The proposed institute would be established under a program sponsored by the National Institute of Dental Research which is a branch of the National Institutes of Health (United States Department of Health, Education, and Welfare). The guidelines established by the National Institute of Dental Research for such an Institute require that the participating institutions execute a *Memorandum of Agreement* which would commit them to establishing a not-for-profit corporation to administer the proposed organization and handle its funds. The proposed *Memorandum of Agreement* appears below.

It will be noted that each of the participating institutions “agree to make available to the Institute the sum of \$10,000 to cover its early administrative activities and to commit up to an additional \$15,000 each, if needed, to cover additional expenses which the Institute might incur.” In the event that the proposal is approved by the National Institute of Dental Research, and the new corporation established, the University’s share of the funds required would be provided from non-state sources (the Contract Research Reserve at the Medical Center campus). Furthermore, it is anticipated that indirect-cost income from expected grants would offset the commitments of funds required under the *Memorandum of Agreement*.

The Chancellor at the Medical Center campus, the Executive Vice-President and Provost, the Vice-President and Comptroller, and the Legal Counsel endorse this recommendation.

I concur.

On motion of Mr. Clement, this recommendation was approved.

Memorandum of Agreement

This Memorandum of Agreement made and entered into this ___ day of _____, by and between University of Chicago, University of Illinois, Loyola University of Chicago, Northwestern University, and American Dental Association.

Witnesseth:

WHEREAS, the parties hereto propose to create and be active, joint participants in a multi-institutional center for research and advanced study in the basic and clinical sciences related to oral health and disease as a regional resource for dental research in the greater Chicago area,

Now, Therefore, in consideration of the premises and the promises hereinafter contained, the parties agree as follows:

1. The parties hereby establish and agree to be active participants in the Chicago Regional Dental Research Institute. The purpose of the Institute is to conduct a center for research and advanced study in the basic and clinical sciences related to oral health and disease.
2. To the extent feasible and practicable, the parties, as joint participants, agree to encourage and permit outstanding investigators from their respective institutions to perform research within the framework of the Institute and further to make available their respective laboratories and equipment for use in the performance of Institute programs. The aforementioned phrase "to the extent feasible and practicable" shall mean, wherever such phrase appears in this Memorandum of Agreement, as follows: to the extent that no undue burden or interference with other necessary activities of any party will result.
3. The parties agree to form and develop the Institute as an effective and stable administrative structure to further scientific progress in the field of oral research pursuant to the guidelines for dental research institutes which have been promulgated by the National Institute of Dental Research of the United States Government. To achieve such an avowed administrative structure, the parties will soon cause a corporation to be formed under the general not-for-profit statutes of the State of Illinois for the purpose of administering the Institute and handling and managing its funds.
4. Each of the parties agrees to make available to the Institute the sum of \$10,000 to cover its early administrative activities and to commit up to an additional \$15,000 each, if needed, to cover additional expenses which the Institute might incur.
5. In keeping with the needs of both the programs which the Institute will conduct and the capabilities of each of the parties, each of the parties agrees to permit, to the extent from time to time feasible and practicable, its scientists from the physical, biological and behavioral disciplines to perform services for the Institute in collaboration with the scientists from the other parties. Further, again to the extent feasible and practicable, the parties agree to permit the use of each party's facilities, including laboratories and equipment, by the scientific representatives of the other parties.
6. Each of the parties agrees to share the costs, to the extent necessary, of the administration and programs of the Institute and to realize reimbursement only to the extent that third parties will pay for such costs, including direct and indirect costs and overhead.
7. To facilitate execution, the parties agree that this Memorandum of Agreement may be signed in counterparts with the same effect as though all the parties signed one and the same copy.

In Witness Whereof, the parties hereto have caused this Memorandum of Agreement to be executed all on the day first above written.

UNIVERSITY OF CHICAGO

UNIVERSITY OF ILLINOIS

LOYOLA UNIVERSITY OF CHICAGO

NORTHWESTERN UNIVERSITY

AMERICAN DENTAL ASSOCIATION

Attest : _____

EXCHANGE OF PROPERTY

(30) The President recommends, upon request of the Athletic Association of the University of Illinois, that the Board authorize the exchange of University-owned property on Church Street in Savoy, Champaign County, Illinois (a tract of land, approximately 1,650 feet by 150 feet, located at the north side of the golf course),

for Athletic Association-owned property north of the University of Illinois-Willard Airport access road, Champaign County, Illinois (a tract of land, approximately 2,600 feet by 158 feet, subject to public and private easements, located at the south side of the golf course).

The exchange is mutually advantageous to both the University and the Athletic Association, in that the exchange will prevent undesirable development of the area, and will permit improvement of the airport access road in the future.

Adoption of the following resolution is requested.

Resolution

Be It and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, with its principal office in the City of Urbana, in the County of Champaign, and State of Illinois, that upon title to the following-described property being conveyed to this public corporation by The Athletic Association of the University of Illinois, a not-for-profit corporation of the State of Illinois, viz :

That part of the South East Quarter (SE $\frac{1}{4}$) of Section Two (2), in Township Eighteen North (T-18-N), Range Eight East (R-8-E) of the Third Principal Meridian (3rd P.M.) in the County of Champaign and State of Illinois, described as follows :

The South One Hundred Fifty-eight feet (158') of said South East Quarter (SE $\frac{1}{4}$) of Section Two (2), subject to any private or public easements or rights-of-way; and subject to an easement for street purposes retained by the Grantor described as follows: The West Sixty feet (60') of the East One Hundred Eighty feet (180') of the South One Hundred Fifty-eight feet (158') of the said South East Quarter (SE $\frac{1}{4}$) of Section Two (2); containing 9.43 acres, more or less, and all situated in Champaign County, Illinois;

that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized and directed, to execute, acknowledge and deliver, in the name and in behalf of, this public corporation, and under its corporate seal, a Warranty Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to The Athletic Association of the University of Illinois, a not-for-profit corporation of the State of Illinois, with its principal office in the City of Champaign, in the County of Champaign, and State of Illinois, all right, title, and interest in and to the following-described property except that air rights shall be retained for the benefit of this public corporation, its successors and assigns, and the general public at large, for the free, unobstructed passage of aircraft, by whomsoever owned or operated, in and through the air space over and across the following-described property, Eight Hundred and Nineteen feet (819') Mean Sea Level, and above [The Northeast end of Northeast-Southwest Runway 22, University of Illinois-Willard Airport, is Seven Hundred Forty-four feet (744') Mean Sea Level elevation and therefore air rights will be retained in the air space over said property which is seventy-five feet or more than seventy-five feet higher than the elevation of the Northeast end of Northeast-Southwest runway 22.]; and provided that The Athletic Association of the University of Illinois, Grantee, its successors and assigns, shall be prohibited from constructing, permitting, or suffering to remain upon said lands any obstruction that extends above the heights aforesaid and that Grantee, its successors, and assigns shall not hereafter use or permit or suffer use of the following-described property in such a manner as to create electrical interference with radio communication between the installation upon the University of Illinois-Willard Airport and aircraft or as to make it difficult for fliers to distinguish between airport lights and others, or as to result in glare in the eyes of fliers using the said airport, or as to impair visibility in the vicinity of the airport, or as otherwise to endanger the landing, taking off or maneuvering of aircraft; to-wit:

That part of the North One Hundred Eighty-three feet (183') of the North East Quarter (NE $\frac{1}{4}$) of Section Two (2), in Township Eighteen North (T-18-N), Range Eight East (R-8-E) of the Third Principal Meridian (3rd P.M.) in the County of Champaign and State of Illinois, described as follows: Beginning at a point Thirty-three feet (33') South and Five Hundred Thirty-eight and Ninety-seven Hundredths feet (538.97') West of the Northeast Corner of said Northeast Quarter (NE $\frac{1}{4}$), and which point of beginning is

the Northwest Corner of the tract of land conveyed by The Board of Trustees of the University of Illinois, a public corporation, as Grantor, to The Athletic Association of the University of Illinois, as Grantee, by Warranty Deed dated November 24, 1958, and filed for record in the Recorder's Office of Champaign County, Illinois, on December 19, 1958, at 4:00 P.M., in Book 612 of Records on Page 114 as Document No. 621449, thence West One Thousand Six Hundred Fifty and Ninety-three Hundredths feet (1650.93') along a line Thirty-three feet (33') South of and parallel to the North line of said Section Two (2), thence South One Hundred Fifty feet (150') along a line parallel to the West line of said North East Quarter (NE ¼) thence East, One Thousand Six Hundred Fifty and Ninety-three Hundredths feet (1650.93') along a line parallel to the North line of said Section Two (2), thence in a Northerly direction to and along the West line of said tract of land conveyed by Grantor to Grantee by said Warranty Deed dated November 24, 1958, One Hundred Fifty feet (150'), more or less, to the point of beginning, and all situated in Champaign County, Illinois, subject to building restrictions and easements of record.

On motion of Mr. Clement, the foregoing resolution was adopted.

CONSULTING SERVICES REGARDING OAKLEY DAM AND RESERVOIR PROJECT

(31) In accordance with the request of the Board of Trustees, this proposal is presented for the award of a contract to Harza Engineering Company, Chicago, to investigate alternatives to the 1966 Corps of Engineers plan for a conservation pool behind Oakley Dam and Reservoir, which will permanently inundate 600 acres of land in Robert Allerton Park. The objectives of the study are:

1. To identify and appraise very generally a broad range of concepts for water resource development and management projects as alternatives to the "higher" Oakley Reservoir.
2. To determine whether any of the alternatives are sufficiently promising to merit the expense of further in-depth engineering and economic investigation.
3. To design a program of investigation and analysis for detailed investigation of the promising alternatives.

Harza Engineering Company estimates that eight weeks would be required to complete the study, after which they will publish a report. They propose a fee of \$15,000 for the study and report.

Funds are available for this study from the income of Robert Allerton Farms.

The Chairman of the Buildings and Grounds Committee and all appropriate administrative officers have been consulted.

On motion of Mr. Grimes, the recommendation was approved with the understanding that the proposed fee be appropriately reduced if the study should indicate no need to proceed with item 3; this action was taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Swain; no, Mr. Pogue; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

MIDYEAR DEGREES

The Secretary presented for record the following list of degrees conferred on candidates at Urbana-Champaign on February 15, 1968, in accordance with the authorization of the Board.

Summary

Graduate College	
Doctor of Philosophy.....	142
Doctor of Education.....	12
Doctor of Business Administration.....	1
Doctor of Musical Arts.....	2
Master of Arts.....	118
Master of Science.....	249
Master of Music.....	6

Master of Education.....	81
Master of Architecture.....	6
Master of Accounting Science.....	12
Master of Business Administration.....	13
Master of Commerce.....	1
Master of Landscape Architecture.....	2
Master of Urban Planning.....	4
Advanced Certificate in Education.....	3
Certificate of Advanced Study in Librarianship.....	1
<i>Total, Graduate College.....</i>	<i>(653)</i>
College of Agriculture	
Bachelor of Science.....	74
College of Engineering	
Bachelor of Science.....	262
College of Liberal Arts and Sciences	
Bachelor of Arts.....	206
Bachelor of Science.....	114
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(320)</i>
College of Law	
Doctor of Law.....	22
College of Education	
Bachelor of Science.....	52
College of Commerce and Business Administration	
Bachelor of Science.....	77
College of Journalism and Communications	
Bachelor of Science.....	13
College of Fine and Applied Arts	
Bachelor of Architecture.....	23
Bachelor of Fine Arts.....	29
Bachelor of Music.....	4
Bachelor of Science.....	14
Bachelor of Landscape Architecture.....	1
Bachelor of Urban Planning.....	3
<i>Total, College of Fine and Applied Arts.....</i>	<i>(76)</i>
College of Physical Education	
Bachelor of Arts.....	2
Bachelor of Science.....	27
<i>Total, College of Physical Education.....</i>	<i>(29)</i>
College of Veterinary Medicine	
Bachelor of Science.....	1
<i>Total, Degrees Conferred at Urbana-Champaign.....</i>	<i>1,579</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

FLOYD ALAN BEAMS, B.Sc., M.A., University of Nebraska, 1959, 1961

DOUGLAS ROY CARMICHAEL, B.S., M.A.S., 1963, 1964

LUCY LU-CHEN CHAO, B.S.B.A., National Taiwan University, 1963; M.A.S., 1964

MELVIN THEODORE McCCLURE, B.A., University of Maine, 1957; M.S., 1960

In Aeronautical and Astronautical Engineering

BRUCE K. DONALDSON, A.B., B.S., Columbia University, 1954, 1955; M.S. (Mathematics), M.S. (Aeronautical Engineering), Wichita State University, 1962, 1963

RALPH BARRY GILBERT, B.S., M.S., 1962, 1964

THOMAS JAMES MCDANIEL, B.S., M.S., 1962, 1964

RONG CHUNG SHIEH, B.S.E., National Taiwan University, 1956; M.S.E., University of Michigan, 1962; Mech.Engr., Columbia University, 1965

In Agricultural Economics

- PRECIOSO CAYAMANDA KUHONTA, B.S.A., M.S., University of the Philippines, 1957, 1960; M.A., Vanderbilt University, 1964
 IAN WILLIAM MARCEAU, B.Sc.Agr., M.Sc.Agr., University of Sydney, 1963, 1966
 DONALD ALEXANDER MUIR, B.Ag.Ec., University of New England, 1962; M.S.A., University of Toronto, 1964

In Agronomy

- ISABELO SUELO ALCORDO, B.S.A., University of the Philippines, 1958; M.S., University of Hawaii, 1963
 TAYLOR JIMMIE JOHNSTON, B.S., University of Tennessee, 1963; M.S., 1965
 WILLIAM ARTHUR KRUEGER, B.S., University of Minnesota, 1963
 WILLIAM EVERETT LUESCHEN, B.S., Southern Illinois University, 1964; M.S., 1966
 WILLIAM DEAN REISS, B.S., M.S., Southern Illinois University, 1960, 1961
 HARI LAL SINGH TANDON, B.Sc., Uttar Pradesh Agricultural University, 1963; M.S., 1965

In Anthropology

- WILLIAM LEE ALLEN, B.A., University of California (Santa Barbara), 1963
 HARVEY RUSSELL BERNARD, B.A., Queens College, 1961; A.M., 1963

In Astronomy

- PAUL DEAN LEE, B.S., M.S., 1963, 1965

In Biology

- ISAAC MOSES SELIGMAN, B.Sc. (Hons.), University of the Witwatersrand, 1962

In Biophysics

- JOHN CLINGMAN MUNDAY, JR., A.B., Cornell University, 1962
 GEORGE PAPAGEORGIOU, Dipl., Aristotelian University of Thessaloniki, 1958

In Botany

- RICHARD HAROLD FALK, B.S., M.S., 1964, 1965
 JULIAN MYRON FRANKENBERG, B.S., 1961; M.S., University of Minnesota, 1963

In Business

- ABD-ALLAH ABD-EL-HALIM AHMED ABO-BAKER, B.Com., Ain Shams University, 1960; M.S., 1964

In Ceramic Engineering

- RUSSELL LEE BOLTON, B.S., M.S., 1955, 1959
 LAWRENCE LEE MARTIN, B.S., M.S., 1963, 1964

In Chemical Engineering

- HARALAMBO DIMOPULOS, B.S.Ch.E., Robert College (Istanbul); M.S., 1965
 DOUGLAS STEVEN PRENSNER, B.S., University of Texas, 1963; M.S., 1965
 GENE DOUGLAS ROSE, B.S., University of North Dakota, 1963; M.S., 1965
 DONALD ERNEST WOODMANSEE, B.Ch.E., University of Delaware, 1963; M.S., 1965

In Chemistry

- EARL GIFFORD ALLEY, B.S., M.S., Mississippi State College, 1959, 1961
 JON MICHAEL BALDWIN, A.B., Villa Madonna College, 1962
 JAMES BILLET, B.S., Wheaton College, 1964; M.S., 1966
 EDWARD BROMELS, B.S., Purdue University, 1961; M.S., 1963
 AUDREY OWEN COHEN, B.S., Carnegie Institute of Technology, 1964
 ROBERT JOSEPH CROUCH, B.S., Southern Methodist University, 1961; M.S., 1962
 EL-HUSSIENY MOHAMED MOHAMED DIEFALLAH, B.Sc., Ain Shams University, 1959; M.S., University of Chicago, 1963
 DONALD HARVEY DUGRE, B.S., University of Massachusetts, 1961
 ROSALINA SUSSMANN FOGLESONG, B.A., Wellesley College, 1963; M.S., 1965
 WILLIAM DONALD FOGLESONG, JR., B.S., Marshall University, 1963; M.S., 1965
 JOAN MARTHA FRIEDLAND, B.S., Cornell University, 1959; M.S., 1964

DONALD STANFORD HETZEL, B.A., Ohio Wesleyan University, 1963; M.S., 1965
 DAVID ERNEST HYATT, A.B., Colgate University, 1964; M.S., 1966
 MILDRED CORINE McDANIEL, B.S., University of Texas, 1963; A.M., 1965
 JOHN FRANKLIN NIBLACK, B.S., Oklahoma State University, 1960; M.S., 1965
 ANTHONY VICTOR NOWAK, B.S., Loyola University, 1960; M.S., Northern Illinois
 University, 1963; M.S., 1965
 KEITH RAY SHELTON, B.A., University of Virginia, 1963
 ROBERT EDWIN TAPSCOTT, B.S., University of Colorado, 1964

In Civil Engineering

EDWARD HENRY BULTMANN, JR., B.S.E., Tulane University of Louisiana, 1952;
 M.S., 1954
 EZIO FACCIOLI, Laurea, Politecnico di Milano, 1964
 RICHARD HOLT GATES, B.S., United States Military Academy, 1960; M.S., 1964
 RAVINDAR KUMAR KINRA, B.Tech., Indian Institute of Technology (Kharagpur),
 1962; M.A.Sc., University of British Columbia, 1964
 JOHN YOUNG LAI, B.S.C.E., University of the Philippines, 1962; M.S., 1964
 NACHMAN MARCUS, B.Sc.C.E., Ing., M.Sc.C.E., Technion, Israel Institute of Tech-
 nology, 1952, 1953, 1962
 DAVID ALFRED WILLIAM PECKNOLD, B.A.Sc., University of British Columbia, 1965;
 M.S., 1966

In Classical Philology

STEPHEN CARY SHUCARD, B.A., Brooklyn College, 1962

In Communications

JAMES FORREST EVANS, B.S., Iowa State College, 1954; M.B.A., University of
 Chicago, 1961
 ROBERT BARRY FULTON, B.S., M.A., Pennsylvania State University, 1960, 1962
 WILLIAM DANIEL RYAN, A.B., M.S., 1954, 1960
 NOEL AVON WILSON, B.A., University of Idaho, 1938; A.M., University of
 Missouri, 1960

In Comparative Literature

ROGER BARTON JOHNSON, JR., B.A., University of Southern Mississippi, 1963;
 A.M., 1966

In Dairy Technology

SURJAN SINGH, M.Sc.Ag., Agra University, 1961

In Economics

LOUIS WARREN RITTSCHOF, A.B., M.S., 1957, 1962
 FRANKLIN DELANO VAN BUER, B.S.Ed., M.A., Northern Illinois University, 1960,
 1964

In Education

ALAN LARRY BALTER, B.S., M.S., 1960, 1962
 JOHN ROMNEY PYPHER, B.A., Brigham Young University, 1961; M.S., 1964
 ROBERT EARL RECTOR, B.S., M.S., Indiana State University, 1951, 1952; A.M., 1961
 OMER WILLIAM RENFROW, B.A., Yale University, 1942; B.E., M.Ed., University of
 Cincinnati, 1947, 1950
 IVAN AUGUSTINE SNOOK, B.A., M.A., University of Canterbury, 1962, 1965
 ERNEST DAVID WASHINGTON, A.B., Southern Illinois University, 1958; A.M., 1965

In Electrical Engineering

CHUSHIN AFUSO, B.Eng., Yokohama National University, 1956; M.S., 1961
 JACK JULES BOURQUIN, B.S.E.E., Texas Western College, 1958; M.S.E.E., New
 Mexico State University, 1962
 KENNETH JAMES BREEDING, B.S., M.S., 1963, 1965
 ALFRED, CHO, B.S., M.S., 1960, 1961
 DAVID KUO-KIEN CHOW, B.Sc., Taiwan Provincial Cheng Kung University, 1958;
 M.S., Marquette University, 1963
 ROGER CHARLES CONANT, B.S.E.E., Purdue University, 1961; M.S., 1963
 PAUL GATES INGERSON, B.S., M.S., 1960, 1962
 DIETER KARL SCHRODER, B.Eng., M.Eng., McGill University, 1962, 1964

DANIEL TABAK, B.S., M.S., Technion, Israel Institute of Technology, 1959, 1963
 ROBERT JOHN TRACEY, B.S.E.E., Illinois Institute of Technology, 1963; M.S., 1965

In English

JEROME STEELE DEES, A.B., Catawba College, 1958; M.A., Florida State University, 1961

THOMAS KING EHRET, B.S., University of Colorado, 1955; A.M., 1959

RICHARD EUGENE HUTSON, A.B., A.M., 1957, 1959

SISTER PATRICIA KENNEDY, B.A., Mount Saint Scholastica College, 1951; M.A., Catholic University of America, 1961; Ed.M., 1958

DAVID QUINTIN SMITH, A.B., Columbia University, 1960; M.A., New York University, 1963

WILLA FERREE VALENCIA, B.A., Bob Jones University, 1950; M.Ed., University of Chattanooga, 1957; M.A., University of Tennessee, 1962

JOHN ALBERT VIA, B.A., Baylor University, 1959; M.A., Mississippi State University, 1961

In Entomology

ALY ABDEL-MEGUID ABOU-ALY, B.S., M.S., Ain Shams University, 1955, 1960

WILLARD HENRY FOGAL, B.A., M.A., University of Saskatchewan, 1962, 1964

LANCE GEORGE PETERSON, B.A., University of Minnesota, 1962

In French

PATRICK DAVID PERSAUD, A.B., A.M., 1962, 1963

In Geography

THOMAS JOSEPH MARESH, B.A., Washington State University, 1962

In History

KENNETH GLENN MADISON, A.B., A.M., 1962, 1963

In Library Science

ISAAC THOMAS LITTLETON, A.B., University of North Carolina at Chapel Hill, 1943; M.A., University of Tennessee, 1950; M.S., 1951

In Linguistics

ROBERT PAUL FOX, B.S., M.S., Georgetown University, 1960, 1962

In Marketing

IRENE LYDIA LANGE, B.S., M.S., 1960, 1962

In Mathematics

SURJIT SINGH KHURANA, M.A., Panjab University, 1955

CHARLES GOMER THOMAS, B.A., Pomona College, 1962; B.A. (Hons.), University of Cambridge, 1964

WALDEMAR CARL WEBER, B.S., United States Naval Academy, 1959; M.S., 1964

RONALD CLYDE WEGER, A.B., William Jewell College, 1962; A.M., 1964

In Mechanical Engineering

JAMES JOSEPH STUKEL, B.S.M.E., Purdue University, 1959; M.S., 1963

ROBERT ARTHUR WALLHAUS, B.S., M.S., 1960, 1962

In Metallurgical Engineering

EMMANUEL DE LAMOTTE, Eng.Physicist, State University of Liege, 1962; M.S., 1963

In Microbiology

SAMUEL FOGEL, B.S., Philadelphia College of Pharmacy and Science, 1960; Hahnemann Medical College, 1963

In Nuclear Engineering

DAVID EWING COATES, B.A.Sc., University of Toronto, 1951; M.S., 1962

YO TAIK SONG, B.E., Yonsei University, 1954; M.S., 1962

In Philosophy

STEVEN DAVIS, A.B., University of Rochester, 1960; A.M., 1964
 GEORGE HALSEY DOUGLAS, A.B., Lafayette College, 1956; A.M., Columbia University, 1964

In Physical Education

KARL FRANKLIN MUNSON, B.S., 1950; M.S., Indiana University, 1954

In Physics

MARVIN BLECHER, A.B., Columbia University, 1962; M.S., 1964
 ARTHUR ROGER COOKE, S.B., Massachusetts Institute of Technology, 1962; M.S., 1964
 CHOCHON LEE, B.S., M.S., Seoul National University, 1953, 1957
 JERROLD LLOYD McNATT, B.S., Wheaton College, 1962; M.S., 1963
 JOSEPH ANDREW MOYZIS, JR., A.B., M.S., 1957, 1958
 NASRALLAH FARES NASRALLAH, B.S., American University of Beirut, 1961; M.S., 1964
 JOSEPH FRANCIS THOMAS, JR., B.E.P., Cornell University, 1963; M.S., 1965
 LYNN JAMES VERHEY, B.A., Kalamazoo College, 1962; M.S., 1964

In Physiology

VYTAUTAS UZGIRIS, A.B., B.S., M.D., 1958, 1959, 1961

In Plant Pathology

CECIL GERALD VAN DYKE, B.S., Eastern Illinois University, 1963; M.S., 1966

In Political Science

MACK HENRY JONES, B.A., Texas Southern University, 1962; A.M., 1964
 YUNG HO PARK, B.A., Montana State University, 1960; A.M., 1964
 LAURELLEN PORTER, A.B., A.M., 1954, 1958

In Psychology

EDWARD LEE HOFFMAN, A.B., 1960
 STUART MERRIL KEELEY, B.A., Coe College, 1963; A.M., 1966
 LARRY RICHARD KILLIAN, B.A., Texas Christian University, 1960; A.M., 1965
 ELLEN FREDA ROSEN, B.A., Carleton College, 1962; A.M., 1965
 RALPH WILLIAM TRIMBLE, B.S., University of Iowa, 1963

In Sanitary Engineering

MILLARD WAYNE HALL, B.E., Vanderbilt University, 1962; M.S., 1963

In Sociology

ROBERT EVAN COLE, B.A., Hobart College, 1959; A.M., 1962

In Spanish

MARCIA SIMPSON LEWIS, A.B., College of Notre Dame (Maryland), 1961; A.M., 1962

In Speech

RAYMOND LOUIS FISCHER, B.S., M.S., Eastern Illinois University, 1954, 1956
 HELEN VASILIOU MARTIN-TRIGONA, B.A., University of New Hampshire, 1940; A.M., Cornell University, 1942
 DALE EDWARD WOOLLEY, A.B., Washington University, 1958; A.M., 1960

In Theoretical and Applied Mechanics

JOSEPH PATRICK GALLAGHER, B.S.C.E., Drexel Institute of Technology, 1964; M.S., 1965
 TERRY FRANKLIN LEHNHOFF, B.S.M.E., M.S.M.E., University of Missouri at Rolla, 1961, 1962
 RICHARD WILLIAM WEEKS II, B.S., Swarthmore College, 1964; M.S., California Institute of Technology, 1965

In Veterinary Medical Science

DONALD LOUIS DAWE, B.S., University of Wisconsin, 1959; D.V.M., Iowa State University of Science & Technology, 1963; M.S., 1965

ABDELLATIF EL-ZEIN, D.V.M., University of Toulouse (France), 1960; M.S., 1965
 WALDIR MARINHO PEDERSOLI, Dipl.Vet.Med., University of Minas Gerais (Brazil),
 1956; M.S., 1965

In Zoology

SUE YING LEE, B.S., M.S., State University of New York (Albany), 1961, 1963

Degree of Doctor of Education

In Education

MENNO DILIBERTO, B.S., M.A., Kent State University, 1961, 1962
 ERNEST ROBERT HOUSE, A.B., Washington University, 1959; M.S., Southern Illi-
 nois University, 1964
 PATRICIA ANN JAKUBOWSKI, B.S., Wisconsin State University (Oshkosh), 1963;
 Ed.M., 1965
 THOMAS RONALD JENSEN, B.S., Brigham Young University, 1958; Ed.M., 1961
 PHILIP ROBERT LUHMANN, B.S., Ed.M., 1954, 1960
 LEON ALBERT MAYER, B.S., Southern Illinois University, 1951; M.S., 1956
 WARREN NOBORU SUZUKI, B.S., Ed.M., 1963, 1964
 ALICIA CATHERINE TILLEY, B.A., Southeastern Louisiana College, 1941; M.Ed.,
 University of Texas, 1955
 MARVIN WILLERMAN, B.S., Northern Illinois University, 1951; Ed.M., 1952
 KENNETH EMERSON WYATT, B.S., M.Ed., University of Oregon, 1951, 1954

In Music Education

FORREST KENT CAMPBELL, B.M., University of Kentucky, 1952; M.S., 1953
 JOHN NEWTON MAHARG, B.S.M., Capital University, 1942; Ed.Mus.M., Oberlin
 College, 1952

Degree of Doctor of Business Administration

JOHN DONALD FORSYTH, B.A., Queen's University, 1958; M.B.A., University of
 Detroit, 1962

Degree of Doctor of Musical Arts

JAMES STANLEY BALLINGER, B.Mus., University of Wichita, 1950; Mus.M., Oberlin
 College, 1953
 MALCOLM BILSON, A.B., Bard College, 1957; M.M., 1962

Degree of Master of Arts

In Anthropology

GUY THEODORE ASHTON, A.B., Grinnell College, 1963
 CAROL BERMAN STACK, A.B., University of California, 1961

In Art Education

JOAN MOROSKY DUBSON, B.F.A., 1965
 RICHARD TIMOTHY LAGEOSE, B.F.A., 1966
 TRACY BYROM WINKLER, B.F.A., 1963

In Art History

SUSANNE LUCIENNE PHILIPPSON CURCIC, B.F.A., 1963
 BARBARA JEAN WALTHER, B.A., University of Washington, 1954

In Chemistry

KATHERINE SUE COOK, A.B., Drury College, 1965

In Classics

LINDA STONEALL DAMMERS, B.A., Lawrence University, 1966

In Comparative Literature

BERTEL SIGFRED PEDERSEN, Aarhus University

In Economics

DONALD EDWARD BAER, B.A., Michigan State University, 1963

CORINNE ANN GUNTZEL, B.A., Carleton College, 1964
 ROBERT EDMOND SIEBERT, B.A., St. Procopius College, 1965
 THOMAS ALBERT WESSELS, A.B., St. Benedict's College, 1966

In Education

THOMAS HUGH ANDERSON, A.B., Antioch College, 1963
 RITA SANDRA MINTZ, A.B., Hunter College, 1966
 SHELLEY WEXLER SORANI, B.A., Barnard College, 1964

In English

INEZ LARSON ALFORS, B.A., Concordia College, 1965
 ROY MELVIN ANKER, B.A., Hope College, 1966
 RONALD GARTH EPPEL, B.A., Roosevelt University, 1963
 CHARLES EDWARD GOLDSTEIN, A.B., 1966
 DESMOND McLAWRENCE HAMLET, B.A., Inter American University of Puerto Rico,
 1958; B.D., Waterloo Lutheran University, 1961
 SHARON KAY SMITH HULT, A.B., 1966
 MARSHA ANNE MCCREADIE, A.B., Syracuse University, 1965
 BARBARA MEIHOEFER SAWDEY, A.B., University of Michigan, 1966
 MICHAEL RAYNOR SAWDEY, A.B., University of Michigan, 1966
 MARGARET LEE WALL SUMMERS, A.B., Greenville College, 1961
 PATRICIA DEYOUNG TIGCHELAAR, A.B., Calvin College, 1963

In French

CARLA MINETTE GINZE, A.B., 1964
 DANIELLE DITLOVE GORDON, B.Mus., Roosevelt University, 1963
 RONALD DAVID GORDON, A.B., 1965
 DOMINIQUE LUCIENNE SONIER, Licence, Universite de Paris, 1964

In Geography

ROBERT SCOTT ROUSE, A.B., 1966

In German

SONJA EVA KIELHORN HUXHOLD, A.B., 1965
 CHRISTA KIRSCHNER JACOBS, A.B., 1965
 LARRY THOMAS KERKHOFF, B.Mus., 1964
 THOMAS WILLIARD SMITH, A.B., Heidelberg College, 1965

In History

STEPHEN DAVID AUERBACH, B.A., Haverford College, 1966
 GARY BAKER BLUMENSHINE, B.A., Northwestern University, 1966
 JAMES FALVEY BOGUE, A.B., Harvard University, 1965
 GERALDINE HANCOCK FORBES, B.Ed., University of Alberta, 1965
 DONALD ROBERT HICKEY, A.B., 1966
 ELIZABETH ANN HOORNAERT, B.A., University of Chicago, 1966
 THOMAS LAWRENCE JAROM, B.A., Cornell College, 1966
 CATHARINE HAMILTON KAPPAUF, A.B., Vassar College, 1940
 JOSEPH FRANCIS MERRIMAN, B.A., Marquette University, 1965
 RICHARDS CLINTON OSBORN, JR., A.B., 1962
 CHARLES JOSEPH SLOVAK III, B.A., Marietta College, 1966
 GEOFFREY PRINCE WILLIAMS, B.A., Colby College, 1966
 JOHN PATRICK WOLGAMOT, A.B., 1966

In Labor and Industrial Relations

DENNIS CRAIG CHEANEY, B.B.A., University of Texas, 1966
 DAVID FRANK DEPCIK, B.S., Illinois Institute of Technology, 1967
 DENNIS CHARLES FILLIPPO, B.A., Carthage College, 1966
 MICHAEL JOSEPH MARMO, B.A., City University of New York (Brooklyn), 1965
 MARK LAWLER TENNISON, B.A., Hamline University, 1966
 JEFFREY BLAKE WINTON, B.S., 1966

In Mathematics

JOAN THERESE BENSON, B.S., Marquette University, 1966
 ERIC FRANKL, A.B., University of Rochester, 1966

- LAWRENCE JOSEPH HENSCHEN, A.B., 1966
 NICETA BUSTAMANTE LABRADOR, B.Sc.Ed., University of Santo Tomas, 1952
 STEPHEN JOHN MONDY, B.S., 1966
 BERNARD MICHAEL WAXMAN, B.S.A., Washington University, 1966
 WILLIAM EDWARD WRIGHT, B.A., Southern Illinois University, 1966
 JANE YOSHIE YOSHIDA, A.B., University of California, 1966

In Philosophy

- IVAN DON BELL, A.B., 1966
 JAMES ANDREW FULTON, B.A., Kansas State College of Pittsburg, 1965
 JOHN FREDERICK JOHNSON, B.A., Great Lakes College, 1947; Th.M., Th.D., American Bible College, 1953, 1954; M.Ed., Marquette University, 1965; S.T.M., Lutheran School of Theology, 1965
 WILLARD MARSHALL MILLER, A.B., 1966

In Political Science

- LYNDA SHIRLEY TEPPER CARLSON, B.A., City University of New York (Brooklyn), 1965
 LAUREL MADSEN CHURCH, A.B., 1966
 IRENE FRASER, B.A., Chatham College, 1966
 LAWRENCE VERNON GRANT, B.A., Washington State University, 1964
 THOMAS ROBERT KITSOS, B.S., Eastern Illinois University, 1964
 MARTIN LUBIN, B.A., McGill University, 1961
 PAMELA CASWELL TILLING, A.B., Gettysburg College, 1963

In Psychology

- KAREN VEAZIE DAVIS, A.B., San Diego State College, 1965
 LAWRENCE DONALD EWERT, B.S., 1965
 JACK MICHAEL FELDMAN, B.S., 1966
 SHARON RUTH GITIN, A.B., Cornell University, 1965
 DAVID JOEL GREENBERG, B.S., Cornell University, 1964
 WILLIAM ARTHUR HOLZWORTH, B.A., Lawrence College, 1964
 EILEEN CAROLE KAPLAN, B.A., Queens College, 1966
 SANDRA RISA LEIBLUM, B.A., Brooklyn College, 1965
 MERRILEE RYDER LEWIS, A.B., 1964
 RALPH GEORGE LUBITZ, A.B., Boston University, 1959
 FRANK DEAN PAYNE, A.B., University of California, 1965
 ROBERT STEVEN SOBEL, B.A., State University of New York (New Paltz), 1966
 SUSAN HELENE TAUB, A.B., Knox College, 1964
 RICHARD CHARLES URBANO, B.S., Florida State University, 1965
 CLINTON BROCKWAY WALKER, A.B., Cornell University, 1957
 MYRON ALAN WHITMAN, A.B., Northwestern University, 1964

In Russian

- WILLIAM EDWARD NAPIER, M.A., Dipl., University of Edinburgh, 1957, 1959; B.A., University of London, 1965

In Social Sciences

- MARCELLA BISCHOFF RAINEY, B.S., Illinois State University, 1963

In Sociology

- RALPH LELAND BLANKENSHIP, B.A., University of Northern Iowa, 1959
 AARON PHILIP DONSKY, A.B., 1965
 JOANN REINHARTSEN WEISS, B.S.N., St. Olaf College, 1962

In Spanish

- FRANK FALCO, A.B., 1966
 LOIS RITA NAVID, A.B., University of California, 1966
 DAGOBERTO ORRANTIA, B.A., New Mexico Highlands University, 1966
 LYNNE CHARLOTTE STAEDKE, B.A., Millikin University, 1965
 JOHN NEAL STRANGE, B.A., Florida State University, 1966
 STEPHEN JAMES SUMMERHILL, B.A., University of Toronto, 1966
 JOHN ADDISON VOORHEES, B.A., Berea College, 1965
 RINDA REBECA YOUNG, B.A., Wisconsin State University (Eau Claire), 1966

In Speech

GLORIA SUE COOK, B.A., Texas Christian University, 1966
 MAXINE GAIL HOLLANDER, B.A., State University of New York (Buffalo), 1966
 JON KEITH JENSEN, B.S., 1966
 JEAN ANN NORTHCUTT, B.A., Southwest Missouri State College, 1965
 JOHN WILLIAM RAVAGE, B.S., A.M., Ball State Teachers College, 1959, 1963

In Statistics

MARY ALICE SEVILLE, B.A., Southern Methodist University, 1964

In the Teaching of English

ELIZABETH ANNE BRUNER, A.B., 1966
 LAMBERT GEORGE KERN, JR., A.B., Aurora College, 1962

In the Teaching of English as a Second Language

ACHAMMA COCHUVAVA COILPARAMPIL, B.A., Barat College of the Sacred Heart, 1966
 JOSE PINHEIRO DE SOUZA, Licentiate, Catholic Faculty of Philosophy (Ceara), 1965

In the Teaching of Social Studies

DENIS JOHN BALLAK, B.S., Southern Illinois University, 1966
 LEANDRO ALFRED BARTOLINI, A.B., Knox College, 1964
 CHARLES EUGENE MILLER, B.A., Valparaiso University, 1960

In the Teaching of Speech

EVELYN NORVELLE SCHLIE, A.B., Olivet Nazarene College, 1957

Degree of Master of Science*In Advertising*

WILLIAM VAL BEHRMANN, B.A., Michigan State University, 1965
 DENNIS GEORGE COOK, B.S., 1967
 JOSE DIONISIO FLORES, JR., Litt.B., University of Santo Tomas, 1966
 DONALD WAYNE JUGENHEIMER, B.S., 1965
 JOSEPH FRANCIS PALKA, B.S., 1967
 JOHN FRANCIS WOODS, B.S., 1966
 CARLOS LAWRENCE ZELLNER, A.B.J., University of Georgia, 1966

In Aeronautical and Astronautical Engineering

CLARK WESLEY BULLARD III, B.S., 1966
 JOHN HSU, B.S., 1965

In Agricultural Economics

HOWARD RAY PEVERLY, B.S., 1966

In Agricultural Education

EARL BELL RUSSELL, B.S., University of Tennessee, 1966

In Agricultural Engineering

THOMAS WAYNE HOSLER, B.S.Agr.Eng., Purdue University, 1966
 LYLE EUGENE STEPHENS, B.S., 1966

In Agronomy

STEVEN RAY WINTER, B.S., 1966

In Animal Science

MICHAEL MUREEN GEHRING, B.S., 1966
 THOMAS JOSEPH HANRAHAN, B.Agr.Sc., University College (Dublin), 1964
 DAN EDWARD HOGE, B.S., 1966
 FREDERICK MELVIN MOHR, B.S., 1966

In Architectural Engineering

GERALD ALLEN BRIN, B.Arch., 1966
 CHUNG-SHONG CHUANG, B.Arch., Ohio State University, 1966

RICHARD EUGENE JAMROZY, B.Arch., 1966
 DALE EINER LANGFOSS, B.Arch., 1966
 BYONG YONG PARK, B.Sc.Arch., Seoul National University, 1952
 ROBERT JOSEPH PERO, B.Arch., 1966
 HARRY MARIAM STITTLE III, B.Arch., 1966

In Astronomy

JULIE HAYNES LUTZ, A.B., San Diego State College, 1965

In Biophysics

ROBERT EUGENE DYAR, B.S., Eureka College, 1966

In Botany

LAWRENCE FLORIEN KAMIN, B.A., St. Ambrose College, 1966

In Ceramic Engineering

ROBERT JOHN EAGAN, B.S., Alfred University, 1966

In Chemical Engineering

LUTHER DAVIS CLEMENTS, JR., B.S., Oklahoma State University, 1966
 RICHARD ALLEN GRIEGER, B.S.E., University of Michigan, 1965
 ALAN EDWARD LEVITON, B.S.Ch.E., Purdue University, 1965
 GARY DEAN SUMP, B.S., Oregon State University, 1965

In Chemistry

ROBERT JOSEPH BASALAY, B.S., Illinois Institute of Technology, 1965
 JANET WARNER BOYS, B.S., 1966
 MING-CHU HSU, B.S., National Taiwan University, 1966
 SHIH LO HSU, B.S., Taiwan Provincial Cheng Kung University, 1964
 STEVEN MARAIS HUNTOON, B.S., Iowa State University of Science and Technology, 1965
 DONALD EARL KOELTZOW, B.S.Chem., New Mexico Institute of Mining and Technology, 1966
 CHARLES RONALD KUTAL, A.B., Knox College, 1965
 TING-I LI, B.S., National Taiwan University, 1965
 WAYNE THOMAS SHIER, B.S., University of Waterloo, 1966
 DAVID ALEXANDER SIMPSON, B.S., Allegheny College, 1965
 OOK SONG, B.S., Seoul National University, 1965
 RANDOLH LIEN-CHIN TSAI, B.S., National Taiwan University, 1964

In Civil Engineering

CLYDE LYCURGUS ANDERSON, B.S., University of California (Los Angeles), 1966
 PAUL EDWIN ANDERSON, B.S., 1967
 LUIS FERNANDO BARROSO-AGUILAR, Ing.Civ., M.Eng., Instituto Tecnológico Y de Estudios Superiores de Monterrey, 1965, 1966
 NORMAN EUGENE BOYS, B.S., 1967
 BRIAN JOEL BRODER, B.S., 1966
 GILBERT CHARLES BRUNNHoeffER, B.S., United States Military Academy, 1966
 MICHAEL BRENDAN BUCKLEY, B.E., B.E., National University of Ireland, 1957, 1959
 JOE DAVIS CAMPBELL, B.S., 1965
 SANTIAGO CORREA-LAVERDE, Ingeniero Civil, Universidad Javeriana (Bogota), 1964
 THOMAS McCULLOUGH DAVIS, B.S., Drexel Institute of Technology, 1966
 ARTHUR CURT EBERHARDT, B.Arch.Engr., Iowa State University of Science and Technology, 1966
 AUGUSTO ESPINOSA SILVA, Ingeniero, National University of Colombia, 1966
 HOWARD FLUG, B.Engr., Cooper Union, 1966
 ALBERT JOSEPH GENETTI, JR., B.S., United States Military Academy, 1963
 CARL EDWIN HALE, B.S., 1967
 DAVID MICHAEL HENDRON, B.S.C.E., University of Kentucky, 1966
 ROBERT PETER KASSAWARA, B.S., Polytechnic Institute of Brooklyn, 1966
 ABOLGHASSEM KERAMATI, Fogh License, Tehran Polytechnic Institute, 1965
 MOHAMMAD APZAL KHAN, B.E., Karachi University, 1963

WINSTON EDDIE KILE, B.S.C.E., Louisiana State University, 1966
 WILLIAM ARNOLD KRUGER, B.S., University of Missouri (Rolla), 1959
 TZU-JUNG KUO, B.S., 1966
 DAVID LANNING, B.Eng., University of Sheffield, 1960
 THOMAS LEON MARTIN, B.S., 1967
 WILLIAM JOHN McCUTCHEON, B.Eng., Cooper Union, 1966
 DONALD FRED MEINHEIT, B.S.C.E., Purdue University, 1966
 ROBERT ADAM MILLER, B.S., Pennsylvania State University, 1963
 WALTER HUGH MILLER, B.S., B.S., 1947, 1948
 FEROZ MOHAMMEDALI NATHANI, B.Eng., Osmania University, 1965
 KEITH HERBERT NICOLAI, B.S., 1965
 CARMELO AUGUSTO RODRIGUEZ, Ing.Civ., University of Santo Domingo, 1956
 JUAN JOSÉ SALINAS PACHECO, Ing.Civ., Instituto Tecnológico de Monterrey, 1965
 DANNY LEE SCHROTBERGER, B.S., 1966
 DOUGLAS JOHN SEAGREN, B.S., 1967
 CESAR AUGUSTO VEZGA TABORDA, Ing.Civil, University of Zulia, 1962

In Dairy Science

MICHAEL LOOBY, B.Agr.Sc., University College (Dublin), 1958

In Economics

RICHARD HUMMEL OGLE, B.E.E., University of Florida, 1962; A.M., 1964
 HERBERT HINPOK TSANG, B.A., University of Washington, 1965

In Education

MAGNUS JONATHAN ATHANASIOS COLE, B.Sc., Dipl., University of Durham, 1960,
 1961
 DENNIS ROBERT HERSCHBACH, A.B., San Jose State College, 1960

In Electrical Engineering

SIMON BABIL, B.Engr., Pratt Institute, 1966
 DAVID LEE BATES, B.S., 1966
 YASAR NABI BAYAZIT, B.S., 1966
 WILLIAM HENRY BLOCK, B.S., 1967
 JOHN OLSEN BOESE, B.S., Agricultural and Mechanical College of Texas, 1966
 ROBERT DANNER BURNHAM, B.S., 1966
 HRAIR SARKIS CABAYAN, B.Engr., American University of Beirut, 1966
 KENNETH EDWARD DAGGETT, B.S., Arizona State University, 1967
 HARSHAD BHANUPRASAD DAVE, B.E., Gujarat University, 1965
 WILLIAM DANIEL DOWNING, B.S., Milwaukee School of Engineering, 1963
 NORMAN IRVING GINSBURG, B.S., Worcester Polytechnic Institute, 1961
 ROBERT EARL GRISWOLD, B.S., 1964
 JAMES EDWARD HALL, B.S., Grove City College, 1965
 LARRY RAY HORSMAN, B.S.E.E., B.S.B.A., Louisiana Polytechnic Institute, 1966,
 1966
 DONALD RAY JEANBLANC, B.S., 1966
 STEPHEN LOUIS KOWALEWSKI, B.A., Sacramento State College, 1964
 PAUL ALBERT MILLER, B.S., 1967
 KAZUO SEINO, B.Eng., Tokyo Metropolitan University, 1960
 EDWARD HERMAN STREDEDE, B.S., 1966
 RONALD LEE WHITE, B.S.E.E., Purdue University, 1961

In Entomology

JAMES FRANCIS JANICKE, B.S., Roosevelt University, 1965
 KEITH ALAN KEYT, B.S., Oregon State University, 1966
 GERALD LEROY NORDIN, B.S., 1966
 STEPHEN JOHN PARSHALL, B.S., Roosevelt University, 1965

In Finance

MELVIN ARMANDO MARINI, B.S., B.S., 1964, 1965

In Forestry

DALE DEWITT TUCKER, B.S., 1963

In Geography

SETH WIARD, JR., B.A., Norwich University, 1951

In Geology

DAVID WILLIAM ALLMAN, B.Sc., McMaster University, 1964
 RICHARD FRANCIS INDEN, B.S., University of Wisconsin, 1965
 ELEANOR WALTON MERRITT, A.B., Earlham College, 1962
 RAUF PISKIN, Dipl., Istanbul University, 1958

In Home Economics

GERTRUD GÖTZ, B.S., 1966
 WILLIE JEAN MALONE, B.S., Tuskegee Institute, 1962
 MARY ELIZABETH McDONALD, B.A., Culver-Stockton College, 1965
 LARONNA RUTH LUDWIG SAWIN, B.S.H.Ed., Iowa State University, 1966
 LOUELLEN WEST, B.S., Harding College, 1966

In Industrial Engineering

NAGAR VENKATRAMAN SRINIVASAN, B.E., Birla Institute of Technology & Science, 1964

In Journalism

WAYNE JAY ANDREWS, B.S., Butler University, 1966
 DOUGLAS CHARLES BALZ, B.S., 1966
 LAWRENCE KENNETH BEAUPRE, B.S., 1966
 RICHARD JOHN CARLSON, B.S., 1965
 JOHN EMMETT GRADY, B.S., 1966
 SHI-YONG KHM, B.P.A., Korea University, 1963

In Library Science

WILMA CECILIA BANGIOLO, B.S., Eastern Illinois University, 1961; M.S., 1967
 CAROL BATES, B.A., East Texas State College, 1965
 SAMUEL ADAMS BETTY, B.S., Spring Hill College, 1965
 HELEN LEE PEELER CLEMENTS, B.A., Oklahoma State University, 1966
 BONITA JEAN DICKINSON, A.B., St. Louis University, 1966
 ROSEMARY FITZPATRICK, B.A., Parsons College, 1966
 CECILIA KENNEDY GAINES, B.A., Marycrest College, 1962
 MARGARET PHILLIPS GILLESPIE, B.S., 1927
 MARJO ANDREWS GRAY, B.S., Loyola University (Illinois), 1965
 WILLIAM JAMES HILL, JR., B.S., Eastern Illinois University, 1962
 WILLIAM DALE LINDGREN, A.B., A.M., Bradley University, 1959, 1960
 MARY KATHERINE LOWRY, B.A., Southern Illinois University, 1965
 JAMES NELSON MYERS, JR., B.A., Canisius College, 1963
 MARILYN SUE MYERS, B.A., Kansas State University, 1966
 VEENA VASANT PARALKAR, B.A., B.Lib.Sc., University of Bombay, 1964, 1965
 MARION MARGARET TAYLOR REID, B.S., 1966
 THOMAS MARTIN RUH, A.B., University of Kentucky, 1958
 FREDERICK WILLIAM RYAN, A.B., University of California (Riverside), 1963
 FRANCES E. SCHEIDEL, A.B., 1966
 ELLEN STEININGER, B.S., Thiel College, 1966

In Management

AHMED ABDEL-FATTAH ABDEL-HALIM, B.Com., Cairo University, 1961
 KENNETH ANTHONY JULIAN, B.S., 1967
 ROGER JOHN LONGO, B.S., New York University, 1963

In Marketing

JOSEPH ANTHONY CARUSO, A.B., St. Mary's College, 1964
 PAUL ERNEST GEDDIS, B.S., 1964
 PAUL RICHARD WINN, B.S., 1966

In Mathematics

KENNETH FRANK ARNOLD, B.S., 1966
 PATRICK DAVID CASSADY, B.S., Stanford University, 1966
 JOHN MICHAEL GEIST, B.S., Bradley University, 1966

WILLIAM LOUIS MROZEK, A.B., University of Michigan, 1966
 ONKAR NATH PANDIT, B.A., University of Jammu and Kashmir, 1954; M.A., University of Delhi, 1957
 STEVEN JAMES PERLMUTTER, B.S., University of Michigan, 1966
 AHMED RAMZY MOSTAFA SOUROUR, B.S., Cairo University, 1964
 FRED ALAN STAHL, B.S., 1966
 RAMANI VASUDEVAN, M.S., University of Delhi, 1962
 GOPALAKRISHNAN VIJAYALAKSHMI, B.Sc., M.Sc., University of Poona, 1962, 1964
 JONATHAN LANGWICK WILKIN, B.S., 1966
 WILLIAM LAURENCE YOUNG, B.S.Eng.Sci., Purdue University, 1963

In Mechanical Engineering

KENNETH ROBERT CARLSON, B.S., Milwaukee School of Engineering, 1960
 VISHWAS VISHWANATH DEVAL, B.E., University of Poona, 1966
 PHILLIP HARRIS FISHER, B.S., 1966
 ALAN HARMON HADLOCK, B.S.M.E., University of Toledo, 1962
 ROBERTO POLLAK HECHT, B.S., 1956
 PEDRO LEE KONG, B.S., Mapua Institute of Technology, 1965
 ARNOLD RUEBEN NESS, B.S., 1966

In Metallurgical Engineering

ALVIN PHILLIP GERK, B.S., 1965
 WILLIAM FRANK JANDESKA, JR., B.S., 1967
 GREGORY FRANCIS PASKIET, B.S., 1966

In Microbiology

PERRY SCOTT BINDER, B.S., 1964
 JANET WEISS ECKERLING, B.A., Northwestern University, 1966
 PAMELA JEAN FRAKER, B.S., Purdue University, 1966
 ROBERT ELMER KOCH, B.S., Muhlenberg College, 1964

In Mining Engineering

ANN CAROLINE BOCKES, B.S., Ithaca College, 1966
 JAMES ANSON DESHONG III, B.Mus.Ed., Millikin University, 1967
 GLENDA ANN HEWLETT, B.S., 1965
 JOHN LESLIE JOHNSTON, JR., B.S.Ed., Illinois State University, 1964
 ERNEST FRANKLIN RAGER, B.M., North Texas State University, 1963
 GIORGIO RANALLI, Dott.Scienze Geologiche, University of Rome, 1963
 ELAINE LOUISE STEVENSON, B.M., Muskingum College, 1966

In Nuclear Engineering

JOEL LEE GOODMAN, B.S., Cornell University, 1966
 GARY RICHARD THAYER, B.S., University of Nebraska, 1966

In Physical Education

JAMES HUNTER DUTHIE, Dipl., Loughborough Training College, 1947; Dipl., University of Birmingham, 1950
 PAUL ARTHUR JENSEN, B.A., Evansville College, 1965
 FRANCIS WILSON KEENAN, B.A., San Jose State College, 1965
 JOHN GREG SMITH, B.A., San Fernando Valley State College, 1966

In Physics

CHARLES EUGENE BOUCHER, B.S., University of Louisville, 1961
 BRUCE STILWELL BROWN, B.A., Miami University, 1966
 KAI-YUAN CHUNG, B.S., National Taiwan University, 1961
 JOHN STUART ESCHER, B.S., 1964
 MARTIN VINCENT FERER, B.S., University of Detroit, 1966
 ROBERT FRANCIS GRANDYS, B.S., 1966
 STANLEY TANNER JONES, B.S., Stanford University, 1966
 STEPHEN HOWARD KOEPPEN, B.S., University of Wisconsin, 1966
 JAMES ARTHUR KRABEC, B.S., 1966
 RICHARD LEE KUSPER, S.B.(Physics), S.B.(Mathematics), Massachusetts Institute of Technology, 1966, 1966
 ROBERT HENRY LACOMBE, B.A., Clark University, 1966

EARL RAY LEMAR, B.S., 1966
 JOHN SCOTT LOOMIS, B.S., Case Institute of Technology, 1966
 WILLIAM RINGLAND MONINGER II, B.A., Colorado College, 1966
 ALBERT GALLATIN MONTGOMERY, B.S., University of Florida, 1964
 CHARLES NICHOLS ORTON, B.S., Western Illinois University, 1966
 JAMES CARLTON PORTER, JR., B.S., University of Texas, 1966
 JEFFREY REST, B.S., 1966
 CHARLES EDWARD RIESE, B.S., University of Texas, 1966
 JULIAN GARY ROSENMAN, B.S., Kent State University, 1966
 PHILLIP NEIL SHERMAN, B.S., 1966
 DAVID WILLIAM STOWE, B.S., University of Wisconsin, 1966
 KENNETH DICK TERLEP, B.S., 1967

In Physiology

JOSEPH LOUIS JORDAN, B.S., Albany State College, 1966
 ANN KNABB SNYDER, B.S., Pennsylvania State University, 1965

In Plant Pathology

MARGARET JOAN MISCH, B.S., 1965
 GENE ROBERT SAFIR, B.S., Bates College, 1965
 ROBERT JOHN SLATTERY, B.S., University of Wisconsin, 1966

In Psychology

NATHAN KEIJI HARIMOTO, B.S., 1966
 HOWARD MCGUIRE, JR., B.S., 1966

In Radio and Television

YVONNE HERRING CALLAHAN, B.A., University of New Mexico, 1959

In Recreation

ANTHONY WAYNE ALFIERI, B.S., University of Florida, 1966
 SUSAN LANHAM CAMPBELL, B.S., 1965
 DOROTHY ELIZABETH OWENS, B.S., Lincoln University, 1941; M.A., Fisk University, 1944
 THOMAS ROBERT WALLIN, B.S., Southern Illinois University, 1965

In the Teaching of Biological Sciences and General Science

BARBARA ANNE BAILEY, B.S., University of Arkansas School of Medicine, 1966
 MELVIN EUGENE EHRHARDT, B.S., 1964
 SUE MARY HULSEN, B.A., Augustana College, 1966
 NANCY JO MACFARLAND PECK, B.A., Hartwick College, 1965

In the Teaching of Geography

ANTHONY LAWRENCE REDENTE, B.S., Southern Connecticut State College, 1965

In the Teaching of Mathematics

JOHN CLIFFORD ANDERSON, B.A., North Park College, 1962
 LAVERNE WALLACE BURNHAM, B.S., 1965

In Theoretical and Applied Mechanics

THOMAS REGINALD BRANCA, B.S., 1966
 WILLIE JAMES CARTER, B.S., Southern University, 1961
 HENRY RICHARD FJELLMAN, B.S., Valparaiso University, 1966
 DAN JAY NAUS, B.S., 1966
 GERALD GENE TRANTINA, B.S., University of Missouri (Rolla), 1966

In Veterinary Medical Science

LJUBOMIR MILIN, Dipl., D.V.S., University of Belgrade, 1942, 1949
 GORDON DAVID PAINE, M.R.C.V.S., Royal Veterinary College (London), 1950;
 D.T.V.M., University of Edinburgh, 1959

In Zoology

CHARLES ROBERT BLEM, B.S., Ohio University, 1965
 FREDERICK WILLIAM BURLEY, A.B. Stanford University, 1963

PAUL ALLEN FISHMAN, B.S., 1965
 HENRY CARLETON NILSEN, B.A., Winona State College, 1964
 WILLIAM BLOCHER RHOTEN, B.S., Colorado State University, 1965
 RICHARD DENNIS ST. JOHN, B.S., University of Toronto, 1965
 FRANK RAY VOORHEES, B.S., University of Florida, 1958

Degree of Master of Music

JAMES VERNON FLETCHER, B.S.M., Illinois Wesleyan University, 1959
 VIRGINIA ELIZABETH HOMMEL GABURO, A.B., B.Mus., 1960, 1963
 NANCY COOPER KREDEL, B.Mus., University of North Carolina (Greensboro), 1965
 WARD FRANKLIN MOWERY, B.S., Ohio State University, 1962
 CORA WINGERD SCHOLZ, B.A., St. Olaf College, 1961
 JAMES WALTER SIBER, B.Mus.Ed., East Texas State College, 1964

Degree of Master of Education

RICHARD RAYMOND ADLER, B.S., Montana State University, 1957
 WAYNE STANLEY AMBROSE, B.S., 1963
 MARY SAMMONS BALESTRI, B.S., 1958
 EDITH WAGNER BAUER, B.S., 1943
 HARRIETTE RHAWN BEHRINGER, B.S., Northwestern University, 1947
 CHARLENE FORNALL BESSEY, B.A., Northern Illinois University, 1964
 THOMAS JAMES BLYGH, B.A., St. John's University, 1966
 CHARLES LINDBERGH BOHANNON, A.B., San Diego State College, 1950
 BONNIE REED BOLLMAN, B.S., Greenville College, 1957
 JOHN RICHARD BURKEL, B.S., Indiana University, 1962
 JAMES P. CHRISTO, B.S., Massachusetts State College (Fitchburg), 1963
 GORDON WILLIAM DENBY, A.B., 1965
 SALLY SARAH ELIZABETH KAGY DILLER, A.B., Oberlin College, 1955
 JAMES LYSTON EVERTTS, B.A., Principia College, 1966
 LEON ANDREW FAHLING, B.S., Western Michigan University, 1954
 RONALD ROGER FEARN, B.S., 1965
 ANN SHELTON FOSTER, A.B., Whitman College, 1959
 KURT PAUL FROEHLICH, B.S., 1966
 DALE WARREN GOOD, B.S., University of Wyoming, 1961
 MARGARETT GOOLSBY GOODHART, B.S., Troy State College (Alabama), 1958
 SHARON ANN MARIE GOTCH, B.S., 1965
 JUDY LYNN GRAY, B.S., 1966
 MERYL BROWN GRIFFITHS, B.A., Pennsylvania State College, 1948
 ALVIN SCOTT GRIGGS, B.S., Agricultural, Mechanical and Normal College (Arkansas), 1965
 THOMAS KEITH GRIMM, B.S., 1966
 DOROTHY LOUISE HALL, A.B., Greenville College, 1960
 SUSAN PAULSON HAMILTON, B.S., Gettysburg College, 1964
 FLORENCE MILLER HANKINSON, B.S., 1965
 JUDITH ANN HENDERSON, A.B., MacMurray College, 1963
 DENNIS VOGEL HOFFMAN, B.S., 1966
 F. JO HOPKINS, B.A., University of Wyoming, 1959
 JOHN FRANCIS HUCK, B.S., 1959
 RICHARD EMANUEL HULT, JR., A.B., 1966
 URAIWAN INSEE, B.Ed., College of Education (Thailand), 1961
 JOSELITO BERNARDO JARA, B.S.Ed., University of the Philippines, 1959
 RUSSELL OTIS KIRKHAM, B.S., 1947
 LINDA DAVIDSON KOPECKY, A.B., 1965
 LINDA JONSON LAKNER, A.B., Northern Illinois University, 1963
 TERRANCE JOSEPH MALCOLM, B.S., University of Idaho, 1966
 MARGARET BRADLEY MAYNARD, A.B., Vassar College, 1941
 JOHN DAVIDSON MCGINNIS, B.Ed., Illinois State University, 1942
 SHERRIE JOAN HITCHCOCK MCKENNA, B.A., Indiana University, 1966
 GEORGE RICHARD MOHN, B.S., Illinois State University, 1961
 LAWRENCE JOSEPH MUDRON, B.S., Northern Illinois University, 1964
 MARIBELLE MURRAY, B.A., Ohio State University, 1965
 CLAUDIA FETZNER NELSON, B.S., Northern Illinois University, 1958

MARJORIE OATHOUT ORR, B.S., 1954
 PATRICIA DELL PEEPLES, A.B., Harris Teachers College, 1963
 GERALD ALLAN RAY, A.B., State College of Iowa, 1961
 MARGARET CAUSEY RINKEL, A.B., Greenville College, 1950
 JOHN MARTIN ROTH, B.S., 1959
 LAWRENCE JAMES SAK, B.S., St. Procopius College, 1964
 WILLIAM JOHN SCANNELL, B.S., 1962
 DONALD GREGORY SCHERRER, B.S., 1965
 KAREN ANN SCHMIDT, B.S., Alverno College, 1965
 WILLIAM JERRY SCHNEIDER, B.S., Shurtleff College, 1953
 DELILAH PERKINSON SIBER, B.A., East Texas State College, 1965
 SISTER MARY MARTINA BRINKSCHROEDER, A.B., St. Ambrose College, 1962
 SISTER THOMAS MORE FITZGERALD, B.A., St. Ambrose College, 1962
 SISTER MARY DOMINIC JOERGER, B.A., DePaul University, 1959
 DARRELL RALPH SMITH, B.S., Shurtleff College, 1957
 BETTY ADAMS STEVENSON, B.S., Western Illinois University, 1961
 PATRICIA DONATH STOLL, B.A., Blackburn College, 1965
 DONALD EDWIN STRUCK, B.S., Western Illinois University, 1960
 ANTONI SULIKOWSKI, B.Gen.Ed., Municipal University of Omaha, 1966
 DARWIN PETE SWANSON, B.S., 1965
 CHARLES FRANKLIN SWEARINGEN, A.B., 1954
 PHYLLIS JEAN JENKINS TATE, B.S., Southern Illinois University, 1954
 SALLY JOAN TENNISON, B.A., Hamline University, 1966
 JANET MARILYN TOLSON, A.B., Augustana College, 1963
 PHYLLIS CEPEK TOMORY, A.B., 1966
 JAMES HOLLIS TOYNTON, B.S., Wisconsin State College (La Crosse), 1960
 JOANNA ELISABETH CHERRY ULMER, Mus.B., Oberlin College, 1962
 SUSAN RICHARDSON VOGT, A.B., Bradley University, 1964
 LOUISE MERRILL WARREN, B.S., Southern Illinois University, 1965
 MARILYN LEA WEINARD, B.S., Eastern Illinois University, 1964
 BOBBY LEROY WHITTINGTON, B.S., 1958
 JACK LEE WIGGINS, B.S., Southern Illinois University, 1961
 SUSAN LOUISE WILKEN, B.S., 1964
 MARGARET MULCAHY WOERNER, B.S.Ed., University of New Mexico, 1964
 GHULAM JAILANI YAFTALI, B.Sc., Kabul University, 1963

Degree of Master of Architecture

CHARLES ANTHONY ALBANESE, B.Arch., 1965
 ANTHONY JOHN GODDARD, Dipl., Leicester College of Art and Design, 1965
 BRUCE LYMAN HUTCHINGS, B.Arch., University of Nebraska, 1961
 ALLEN WAYNE JOHNSON, B.Arch., 1966
 TSUTO KIMURA, B.E., Waseda University, 1958
 PETER KENNY SMITH, B.Arch., 1966

Degree of Master of Accounting Science

SUSAN SU-YUNG CHEN, B.A., National Taiwan University, 1963
 THOMAS FRANCIS CROWLEY, B.S., St. Joseph's College, 1966
 MICHAEL FRANCIS FORAN, B.S., University of Arizona, 1967
 STEVEN PARK HAVER, B.S., Northern Arizona University, 1967
 STEPHEN FRANCIS JABLONSKY, B.S., 1967
 KEI MIURA, B.S., Central Missouri State College, 1956
 JAMES HENRY RUTZ, B.S., Lewis College, 1966
 PAUL GEORGE SOTOS, B.S., 1967
 MICHAEL LEWIS UNDERWOOD, B.S., 1966
 JAMES GORDON WATSON, B.S., 1967
 ROGER EDWARD WESLEY, B.S., 1967
 ROBERT STEVEN WINNETT, B.S., Eastern Illinois University, 1957

Degree of Master of Business Administration

RICHARD PETER AMUNDSEN, B.Arch., 1966
 DANIEL JOSEPH BEATON, B.S., University of Wisconsin, 1962
 BARRY RONALD GLASER, A.B., 1965

JAMES JOHN GRUENHOLZ, B.S., 1964
 IVAN CLIFFORD JOHNSON, JR., B.S., 1966
 GEORGE DOUGLAS KELLER, B.S., Millikin University, 1966
 DANIEL CHARLES LEE, B.S., 1966
 SHELDON JAMES PROCTOR, B.S., 1965
 DENNIS ALAN RATHJE, B.S., 1966
 MARK JAMES RICHARDS, B.S., 1963
 MICHAEL SOLOMON ROZEFF, A.B., M.A.T., Harvard University, 1962, 1963; M.S., 1967
 KENNETH ROTH SILVERS, A.B., 1965
 HOWARD HENRY WIESE, B.S., 1966

Degree of Master of Commerce

DENNIS RICHARD SWANSON, B.A., Cornell College, 1965

Degree of Master of Landscape Architecture

PHILLIP EUGENE DETURK, B.F.A., 1961
 CARL FREDERICK GERLACH, B.S., Michigan State University, 1963

Degree of Master of Urban Planning

FRANKLYN HARRY BEAL, B.S., Antioch College, 1962
 GAETAN ALFRED CAIAZZO, B.L.A., University of Florida, 1964
 JAMES FRANCIS McLAUGHLIN, B.U.P., 1967
 GARETH BRYNMOR THOMAS, Prof.Assoc., Royal Institution of Chartered Surveyors, 1960

Advanced Certificate

In Education

AARON GROVER GRAY, B.S., Eastern Illinois University, 1951; M.S., 1957
 MAY WEIFENNE HUANG, B.Ed., Taiwan Normal University, 1963; M.Sc., University of Massachusetts, 1966
 CATHERINE GIBSON LE DUC, B.S., South Dakota State University, 1963; Ed.M., 1967

Certificate of Advanced Study in Librarianship

EDITH JOHNSTON FRASER, B.A., University of Arizona, 1940; M.S., Florida State University, 1962

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

ROGER WILLIAM BEHREND	LARRY LEE KRUSEMARK, Honors
STEPHEN FRANKLIN BLACK	CHARLES WILLIAM LIBBURY
FORREST JOHN BREWER	JAMES STEPHEN LUDWIG
JACOB GEORGE CHAMBERS	JAMES DANIEL MATHEIN
GEORGE ROBERT COBB	DONALD LESTER MERKLE
DAVID WARREN DRAKE	WILLIAM TRACY MOWERY
DEON LEE FLESSNER	JOSEPH KIRAGU MUIRURI
MICHAEL RALPH GRIESBAUM	DENNIS LYNN MUMMERT
GARY DAVID HARPER	ROBERT EDWIN PILOTTE
JAMES RICHARD HERM	RONALD EUGENE SCHERER
MAX LESLIE HERSHBARGER, Honors	RALPH ARNOLD SCHOBERT
DONALD WILLIAM HUISINGA	KEITH DUANE SHEPPELMAN
DONALD JOSEPH HUSCHLE	LARRY RAY SHONKWILER, High Honors
DON CHESTER KAISER	DAVID REX SMITH
CAROL BANKSON KEISER	JOHN DAVID SMITH
CHARLES EDWARD KELLER	MELVIN DEAN STOLLER, High Honors
GEORGE TIMOTHY KELLER	ROBERT JACOB SWIERINGA, High Honors
KARL REED KESSLER, Honors	GEORGE JACOB YOUNG, Honors

In Floriculture and Ornamental Horticulture

RONALD LLOYD BRADY
DALE JOSEPH KOTNOUR

WILLIAM CHARLES TORSBERG

In Food Science

FREDERIC JAMES BERNS

JAMES QUENTIN GRANT

In Forestry

RICHARD JOSEPH BERNARD, JR.
STEVEN ARTHUR BLAUERT
JOHN MICHAEL BORENS, JR.
TIM ARTHUR COOLEY
MARSHALL HERBERT ENGLAND II

CARL WILLIAM LITTLE
PAUL RICHARD MONKE
DAVID SMITH RANDOLPH
DAVID CLARK WHITE, Honors
MARK SHELTON WILSON

In Home Economics

SARA-RENE BARCLAY
WILLA McCANNON BRETTHAUER
JUDITH THOMPSON CARON
SANDRA MARIE CORDING
BARBARA HUCKER GROSS
EMILY BROUILLETTE HANG
CONSTANCE ANNE HARRISON, Honors
LU ANN HARTNETT
MARILYN SUE HAYS

JOYCE SUZANNE HULVEY
JOYCE LOUISE MILLER
MARTHA STAHL ROBERTS
SUE ANNE ROESCHLEIN
JULIE SWEDBERG SEAGREN
ROSLYN MARIAM SMITH
CHERYL JEAN THOMPSON
MARILYN JOYCE WHEELER

In Home Economics Education

SUE ANN EHRHART
PHYLLIS JEAN HEPLER
PATRICIA ANN JOHNSTON, Honors

JUDITH KAYE MARTIN
KAREN LOUISE NESLER
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COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aeronautical and Astronautical Engineering*

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PETER BISHARA AYYOUB
SVENN EDVIN BORGENSEN
WILLIAM ROGER BRADSHAW
STEPHEN SAMUEL DAVIS
CRAIG NORTON DUTTON
JOHN CLIFFORD GOUGH
GERALD EDWARD GROTH
BRUCE PHILLIP HORNE
ALLEN MITCHEL ICE
GAROLD STANLEY KEITHLEY
STEPHEN RUSSELL KISSICK, High
Honors
WAYNE WALTER LAURSEN

JOSEPH JOHN MATT
ROBERT JOHN MIGHT
RICHARD JAY MURPHY
LAWRENCE JOSEPH ORESKY
RONALD PAPE
EUGENE JOHN PELKA
MAX PROLA, Honors
MILORAD RADOSAVLJEVIC
ROBERT BRUCE RICHARDS
ROBERT MICHAEL STACHO
JOHN ROGER WEBER
CHARLES STUART WESTMAN
GEORGE EMIL WOJTKO

In Agricultural Engineering

ROBERT ELDON ADAMS, Honors
ROBERT LOUIS BRANDNER
ALONZO BENTON COCHRAN
DONALD DOUGLAS HARFORD

GREGORY WAYNE HEINZ
DAVID JAY HOPKINS
GORDON LEE SALLEY
ROBERT JOHN SUTTER, Honors

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DAVID LEE ALLEN
PAUL FRANCIS GUTTMANN
DAVID LEE HAMBLEY

DENNIS LEE MOOL, High Honors
SCOT WALTER TAYLOR

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 TERRENCE JAMES BALLOWE
 GEORGE ALAN CONWAY
 DONALD LEROY CURRAN
 KENNETH JOHN DEHAAN
 LUIS CARLOS DIAZ
 BRUCE RUSSELL ELLINGWOOD
 ROBERT JOSEPH ENDECAVAGEH
 JOSEPH ANTHONY FIGUEROA
 WILLIAM ROLAND GAIN
 ALAN LEE GILBRONSON
 ANTHONY GEORGE GIROLAMI, High
 Honors
 RICHARD GLENN GOSSETT
 ALVA AARON HALL
 JAMES ORNSBY HAMILTON
 THOMAS FRANCIS HINTZ, Highest
 Honors
 PETER ROBERT HOMAN, High Honors
 GORDON ALAN HULTMARK
 STEPHEN ROBERT KANNAKA
 BRUCE HENRY KINCAID

WAYNE GORDON KLINGSTEDT
 LARRY ALBIN LEICHT
 PETER DONALD MARINI
 ROBERT DANIEL MCCARTNEY
 ROBERT WOON-FAY NG
 JAMES EUGENE NICHOLS
 ROBERT WALTER NOWAK
 LAWRENCE JOSEPH OPALKA
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 WILLIAM CHARLES POLACEK
 DALE EUGENE RISINGER
 JAMES ARNOLD ROLL
 JOE EDWARD ROSENSTIEL, JR.
 ABDOSSALAM SHARIFY
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 RAYMOND EARL STEINBERG
 CHARLES ROBERT WEBER
 JON RICHARD WHITTAKER, Honors
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 WILLIAM EDWARD WITZIG
 JOHN PAUL WOJCIK
 OUSSAMA FOUAD IBRAHIM ZABEN

In Electrical Engineering

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 GERALD BEDNAR
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 KENSON BANKS FULLER
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 JOHN BERTRAND HALL
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 ROBERT FRANKLIN HOLLOWAY

GLENN WILLIAM HUEBNER
 RICHARD DUANE JAHNS
 RAYMOND ALAN JENSKI
 DAVID LEE JOSE, Highest Honors
 DAVID LAWRENCE JUNCHEN, Highest
 Honors
 JACK KAIL, Honors
 JOHN EDGAR KEMP
 RAMIN KHADAM
 JOHN KERR KIMBALL
 JOHN ALAN KNECHT
 GEORGE JOHN KORONIOS
 JAY ROBERT KREBS
 THOMAS HARRY KUCKERTZ
 DAMIAN HUNG-LAP LAW
 DANIEL JOSEPH LOMBARDI
 EDWARD DONALD LOUKOTA
 ANTHONY THOMAS MAHER, Honors
 DANIEL JOSEPH MCQUADE
 ROMAS JOSEPH MIKNAITIS
 ANTHONY DAVID MIOSI
 RICHARD LLOYD MOLE
 JAMES LOUIS MUELLER
 LARRY WILLIAM NIGGLI
 JAMES WILLIAM O'NEILL
 DALE LEONARD PAQUETTE
 CHRISTOS PATCHAOURAS
 RONALD THOMAS PETERSON
 HAROLD ALAN PEYER
 DAVID JOHN PFENDER
 DANIEL ANTHONY PIEGARI
 GARY ALLEN POLHILL
 MICHAEL DENNIS RABIN
 CLAUD HEINRICH RODE, High Honors
 GARY ALLEN ROOSEVELT
 ROBERT ARTHUR SAINATI
 WENDELL HAYES SCHANZ

WAYNE JOHN SCHMIDT
DONALD EDWIN SCHROCK, Honors
FRANK MICHAEL SCI, JR.
JOHN ALAN SEPPLET
CHARLES FREDRICK SMILEY, Honors
NEIL PAUL SMITH
PAUL ADAM SNOPEK
TERRY EDMUND SORSENSEN, Honors
EDWARD ROY STEPHAN

FRANK DENNIS STRAKA
GLEN HIROSHI SUNAHARA
LARRY EUGENE VAN DOREN
SCOTT BELDEN WALLACE, High Honors
DOUGLAS MILLARD WHITLOCK
MICHAEL RICHARD WOZNIAK
HENRY WILLIAM ZAININGER, Honors
SHRAGA ZALSTEIN
WILLIAM RICHARD ZIEMER

In Engineering Mechanics

GERALD RODNEY BOYER, High Honors
DOUGLAS SUSUMU ICHISHITA
FRANK IVAN KRAWCZYK

ROSS CRAWFORD LYMAN, JR.
ROBERT DALE REYNOLDS
JAMES THOMAS RYDER

In Engineering Physics

THEMISTOCLES CONSTANTINE ANESTOS
THOMAS RAYMOND BARNES
STEPHEN BLAINE BRYANT
TIMOTHY PAUL KARY
BIJAN PARHAMI

GERALD JAMES PINAS
ALLAN MICHAEL TUMOLILLO, Highest Honors
CARL JOSEPH WITHEE, High Honors

In General Engineering

MARTIN JOSEPH BAILEY
ARNOLD BERNARD BANDSTRA, JR.
RANDALL LEE BELL
GEORGE PETER FRIEDRICHS
ALLEN FREDERICK GRANDT, JR., Highest Honors
PHILLIP MARK KASIK, Highest Honors
JOE HERMAN LEACH
LARRY KENNETH LEKOVISH
WILLIAM EDWARD MONSTES

RICHARD ALAN PURMAL
JOHN LEO QUIRIN
JAMES STUART SCHMOHE, Highest Honors
LONNIE RAY SEYMOUR
THOMAS JOSEPH VOKAC
RICHARD REINECKE WILLIAMS
JAMES WILLIAM WOLF
ANTHONY ZUMPANO

In Industrial Engineering

RAYMOND JOHN BERENS
FRANCIS EUGENE CARPENTER
JAMES PAUL ERICKSON
JULIAN LAFAYETTE MOON III

LAURENCE DOUGLAS SAUER
EDWARD CHARLES SCHWEIGER
DUANE THOMAS SKIDMORE
MARCUS GLENN VAN WINKLE

In Mechanical Engineering

CLAYTON MARK ANDERSON
JAMES LLOYD BAILEY
LESTER GEORGE BANACH
THOMAS ANTHONY BEVERIDGE
WALTER EUGENE BROOM, JR., Honors
DONALD ROBERT BURNEY
JOHN ROGER CALHOUN
ROBERT RUSSELL CONGDON
ROBERT WILLIAM DAWSON
GIDON SHMUEL ELKELES
KENNETH WAYMAN FRELAIN
THOMAS MICHAEL GANNON
JOHN ELMER GLABE
LEONARD PAUL GORSKI
JOSEPH WILLIAM HEBENSTREIT
JOSEPH JOHN HRKEL, JR.
ROBERT EVAN HUNTER
ARNOLD ALVIN JOHANSEN
KENNETH NORMAN KIMMELMAN
JAMES DANIEL KING
JOHN EDWARD KROLAK
MARVIN STANLY LANG
DONALD EUGENE LITWILLER, Honors
JAMES EARL MAKOWSKI

RICHARD ALLEN MAY
RONALD FRANK MAYER
RAYMOND MOTLUCK, High Honors
HENRY NOBUO NAKAGAWA
GUY DOUGLAS PFEIFFER
BOB FRANK POLIVKA
TERRY LEE ROHDE
RICHARD JOHN SCHLOGL
LAURENCE JOSEPH SCHMIDT
ROBERT FRANK SCHMIDT
ERIC LEE STORM
JOHN HERLIN STROMBERG
HUMBERTO SUAREZ
GEORGE TARPANOFF, JR.
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JOHN ANTHONY TRISCHAN
JAMES ANTHONY TUREK
CLEMENT ANTHONY URBAN
JAMES NIELS VIDEBECK
RONALD GEORGE WATSON, Highest Honors
ROGER BERNARD WHIPPLE
ROBERT CHARLES WINN

*In Metallurgical Engineering*DONALD RIGGS HOUSER
TERRY LEE SESTERHENNEDWARD HAROLD VANDER MOLEN
LAWRENCE ALBERT ZAGORSKI

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

JUDITH ANN ADAMSON, High Honors in Liberal Arts and Sciences	THOMAS ADDISON FLANDERS ALBERT LOUIS FOSTER
JANIS LOUISE AFRICH	DEBORAH ANNE FRANCKE, with Distinc- tion in Anthropology
MARY CAVINS ANDERSON	SUSAN MCCONAUGHY FROST
GLADYS ANGEL	JANE CAROLYN FUERBRINGER
FREDERICK PETER APRATI, JR.	DOROTHY LYNNE GELSTON
ALFRED FRANK ARQUILLA	LINDA ELLEN GETMAN
JOHN HARRIS BAIRD, JR.	JAMES DAVID GOODMAN
MARGARET ELLEN BANASHEK	BONNIE MOEWS GORDON
ALAN FREDRICK BARNEY	EDWARD CHESTER GOZDECKI
ANOOSHIRAVAN BATMANGHELIDJ	DIMITER NIKOLOFF GULMESOFF
STEPHEN ALAN BAUER	JAMES GORDON GUSTAFSON
JEAN LOUISE BEHRENS, with Distinction in Economics	JAMES FREDERICK GUYOT
MICHAEL MARTIN BENCIC	BEULAH CHARLOTTE HALL
WILLIAM ASHER BERNSTEIN	EARL HAROLD HANSEN
CYNTHIA ANN BIRR, High Honors in Liberal Arts and Sciences with High Distinction in Russian	MARIAN URBAN HEPPERLY
LEE ROY BISSEY	MARY MADDEN HILBURGER
SUSAN JANE BLACKMORE	CLARE CATHERINE HIRSLEY
MICHAEL BRUCE BOREN	REBECCA LEE HUNTER
JEANNE CAROL BOWLING	KATHLEEN O'DAY HURSH, with Highest Distinction in Anthropology
RONALD ALLAN BRAND	THOMAS MERCER HURSH, High Honors in Liberal Arts and Sciences with Highest Distinction in Anthro- pology
BRUNO GERHARD BREITMEYER, High Honors in Liberal Arts and Sci- ences	NANCY JO HURT
VIOLETA MARIA BRIEDIS	SALLY ANN JOHANNES
HARRIET BROWN	LISBETH JOHANNESSEN
JAMES EDWARD BURKE	JANICE CECILIA JONES
LINDA BARTOLT BURTON	DENNIS WAYNE JOYCE
THOMAS EDMOND BUSH	ROBERTA LUCY KEILLOR
ELAINE ANNE CANELOS	HELEN ANN KELLY, High Honors in Liberal Arts and Sciences with Distinction in Political Science
GERALD MICHAEL CARBONARI	THOMAS ALAN KENNEDY
FREDA HARMON CARPENTER	MARY ANN KENNY
CAROLYN SAIDA CARRARO, Honors in Liberal Arts and Sciences	CHARLENE JOY KERSTEN
ROBERT JEAN CLARK	BRUCE CHASE KINGSLEY
SANDRA GAYLE COHEN	MARY HARPER KITZMILLER
JANE VAN DE VOORDE COLSON, Honors in Liberal Arts and Sciences	SCOTT ALAN KLEIMAN
THOMAS KENNETH COMPTON	RONALD JOEL KLEPETAR
PATRICIA MARY CONDON	SUZANNE MARIE KNOTT
CAROLE MADELEINE DEERING, High Honors in Liberal Arts and Sci- ences with Distinction in Spanish	JOYCE ANN KORBECKI
OLGA HELEN DEMKOWICZ	KAREN ANN KRIEGER
EUGENIE ANN DICKERSON	LEONARD WILLIAM KUNZ
MARGARET DOMENICA DI GAETANI	JOHN DENNIS LARKIN
JAMES JOHN DIONNE	GRAHAM JAMES LEE
NICHOLAS LUTYENS DOROSHEFF	FRED JOSEPH LEVY
MARCIA ANN ELLIOTT	SHARON ELIZABETH LOWE
JEAN LORRAINE EVANS	DEAN EDWARD LUND
SAMUEL ALPHONSE FARRUGGIA	DONALD ALAN LYKKEBAK
SUSAN ELIZABETH FISHER	PAUL DUNN LYNCH, JR.
	SUSAN ELLEN MANN
	VIRGINIA SPERRY MARTIN

CHARLES THOMAS MAXEY, JR.
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JOHN FRANCIS MCCREARY, High Honors
in Liberal Arts and Sciences with
High Distinction in History
MARY ANN MCMANUS
MARGARET JEAN MCMICHAEL
THOMAS WALTER MIER
CARREN JOSEPHINE MILLER
STEPHEN JAMES MINDHAM
WAYNE KENNETH MOCK
DONNA M. MORROS, High Honors in
Liberal Arts and Sciences
MELISSA MORSE
HARLAN LYNN MUELLER
CONNIE MAE MUNK, Honors in Lib-
eral Arts and Sciences
JOHN EDWARD MURPHY, JR., Honors in
Liberal Arts and Sciences
CHESTER NEAL NUDELMAN
STASIA LOUISE OERTLEY, High Honors
in Liberal Arts and Sciences
MARY JENNIFER OLSON
SANDRA JOHNSON O'MEARA
JANET MARIE ORLANDINO
WHITNEY BLAINE OTIS
ANN PEARL OWEN, High Honors in
Liberal Arts and Sciences with
Distinction in Anthropology
LA VERNE LOIS PAIPOLAS
GEORGE EDWIN PATTERSON
TERESA MARY PAUTIENIUS
GAYLE VIRGINIA PETERSON
JOHN MALCOLM PETERSON, with High-
est Distinction in Anthropology
KEITH RICHARD PHELPS
PHILLIP DAVID PHILLIPS, with Distinc-
tion in Geography
ANN LOUISE PICKARD
ELKE JURGENSEN RADIVOJEVIC, Honors
in Liberal Arts and Sciences
VIRGINIA PAULINE RANDOLPH
LAUREL BONNIE RAVITZ
RENATA BAZILIAUSKAS RAYFIELD
ALAN JOSEPH REKUS

JUDITH ANNE RICE
MARIO ANTONIO RINALDO
CARLENE MARIE GRIFFITHS ROBERTS
SALLY BACHRACH ROBINSON
TERRY LANE ROSE
WAYNE MYRON ROSE
IRIS PAULINE SACHS
VIVIENNE JOAN SANBURG, Honors in
Liberal Arts and Sciences
LYN GALE SARACINO
SUSAN FRED SCHMERLING, High Honors
in Liberal Arts and Sciences with
Highest Distinction in French
MARCIA CLAIRE SCHULTZ
ESTA BARBARA SCHWARTZ
JAMES SAUL SEEGALL
FRIEDA APPENZELLER SEYMOUR
JAMES RALPH SILVERWOOD
JAMES JEROME SISUL
ELAINE STRAUSS SMITH
MARGARET MORRIS SMITH
EMMA THEODORA STANTON
NANCY MARIE STEFFES, High Honors
in Liberal Arts and Sciences with
Highest Distinction in French
RUDOLF STRAHL
BRUCE EUGENE SULLIVAN
PATRICIA MAE SULLIVAN
LORRAINE NADINE NESS SWEENEY
SHERYL VERNON THACKER
JOE GUNNAR THOMPSON, High Honors
in Liberal Arts and Sciences with
High Distinction in Anthropology
JOHN DAVID THOMPSON
RENEE SIGRID THORNBURG
DAVID PAUL THROOP
LAURENCE HEATH TUTTLE
RUTH MOONEY WALL
WILLIAM THOMAS WALSH
MICHAEL JAMES WARNER
SETH STUART WERNER
SUSAN DOYLE WETZEL, Honors in Lib-
eral Arts and Sciences
WILLIAM ANTHONY WILLIAMS
HARLEEN ALICE YOUNG

In the Teaching of English

JANE ELLEN ATLAS
JO ANN BARGIEN
BETTE RAE COHEN
HARRIET DUHL
AUDRE HARRIS GOEKE, High Honors in
Liberal Arts and Sciences
ARLENE STRICKLER MEYER

ERNESTINE NORMAN
CAROLE ELAINE POTICHA
JUDITH HOFFMAN REDENBO
PAULA SUE WOSK, High Honors in
Liberal Arts and Sciences with
Distinction in the Curriculum

In the Teaching of French

JANET SUE ALIKONIS
VALERIE BURKE, High Honors in Lib-
eral Arts and Sciences with High
Distinction in the Curriculum
SUSAN MERLE LERNER, High Honors in
Liberal Arts and Sciences
CAROL ANN SCHARHAG, Honors in Lib-
eral Arts and Sciences

JANET SHAUB WHITE, Honors in Lib-
eral Arts and Sciences
MARILYN EDITH WILLIAMS, High
Honors in Liberal Arts and Sci-
ences with Distinction in the Cur-
riculum

In the Teaching of German

DIANE MARIS SINGMAN, High Honors
in Liberal Arts and Sciences with
Distinction in the Curriculum

In the Teaching of Latin

LYNNE ANN TOELLE, High Honors in
Liberal Arts and Sciences with
High Distinction in the Curriculum

In the Teaching of Russian

ALEXANDRA ANDRICH, with Distinction
in the Curriculum

In the Teaching of Social Studies

HERROLD DEAN ANDREWS, High Honors
in Liberal Arts and Sciences with
High Distinction in the Curriculum

KAREN LYNN DENENHOLZ, High Honors
in Liberal Arts and Sciences

SCOTT NASH HERRICK

PHILIP DENNE KNELL

NANETTE JULIA KRAUS

KATHRYN BRAND LEONHARD, Honors in
Liberal Arts and Sciences

JUDITH ANN RAMSDEN

BONNIE MARIE REZNICEK

LINDA RUTH SCHNEIDER

RONNA DIANNE SULKIN

JO ANN VAN HOOK

GAIL ELIZABETH WELLBORN

JOHN PAUL WOMICK

In the Teaching of Spanish

ELLA JEANNE GLASGOW

MARY ELSIE HEIPLE, with Distinction
in the Curriculum

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in Liberal Arts and Sciences
with Distinction in the Curriculum

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Liberal Arts and Sciences with
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ADELAIDA FLORENTINA RODRIGUEZ, Honors
in Liberal Arts and Sciences

In the Teaching of Speech

AMELIA VASILIKI DRES

TERRANCE LEE JOHNSON

JERRY WILLIAM MILLAR

In Theatre Art

STANLEY LAWRENCE CATLETT

Degree of Bachelor of Science*In Chemical Engineering*

ALAN JOSEPH CABODI

GARY DAVID CARR, High Honors in
Liberal Arts and Sciences with
High Distinction in the Curriculum

HOWARD WILLIAM COX, JR., High Honors
in Liberal Arts and Sciences
with Highest Distinction in the
Curriculum

KENNETH LEE EBELING

JAMES WILLIAM KILROY

JAMES FRANCIS LAMBE

PHILIP JOHN LEIDER

LEE ROBERT MAREK, High Honors in
Liberal Arts and Sciences with
High Distinction in the Curriculum

JOHN CHARLES McILRATH

GORDON EARL MOSKAL, High Honors in
Liberal Arts and Sciences with
High Distinction in the Curriculum

In Chemistry

MICHAEL LOUIS CROSSER

JAMES MICHAEL GROW, High Honors in
Liberal Arts and Sciences with
Distinction in the Curriculum

ROBERT HENRY MEISINGER

HOWARD LEO PATTERSON

ANDREW THOMAS ZANDER

In Home Economics

ANN MARIE SHILDNECK

In Liberal Arts and Sciences

- LINDA SUE ALLEN
 DEBORAH DREW ANDERSON
 JOYCE RUDERT ANDREWS, High Honors
 in Liberal Arts and Sciences
 JOHN MARK BADE
 NORA MICHAELA BARTELT
 LINDA MARIE BOELK
 GEORGIANNA MAE BROWN
 LAWRENCE EUGENE BROY
 JANIE LYNN CLARK
 RONALD COY COMER
 MARCIA ANN DEHAVEN
 LADD MICHAEL DUDA
 MARY KATHLEEN DUFF
 GARY LEE ELLEXSON
 STEVEN MICHAEL EPSTEIN
 WILLIAM EDWARD FINN
 DOUGLAS GLENN FISHEL
 THOMAS ALBERT GARRISON
 EDWARD ROBERT GERCAS, JR.
 MICHAEL JEFFREY GLEASON
 LINDA OWINGS GRIEVE
 DAVID MICHAEL GROTHE, High Honors
 in Liberal Arts and Sciences
 MICHAEL ALLEN HALL
 TERENCE MICHAEL HAMMER, High Honors
 in Liberal Arts and Sciences
 with Distinction in Honors Biology
 SADREDDIN BEHBAHANI HASSANI, Honors
 in Liberal Arts and Sciences
 KAREN MILLER HORVATH
 LORRAINE LUCILLE HOUGH
 RAND LEE HULTMAN
 GEORGE LOUIS HUSZAR
 ROBERT NEALE JOHNSON
 RONALD GALE JOHNSON
 NIKKI JEAN KAPLAN, High Honors in
 Liberal Arts and Sciences
 ARTHUR DEO KLEIN III
 ROBERTA CAROL KOBB
 THEODORE HANSEN LAWS, JR.
 PHILIP RICHARD LAZAR
 PENELOPE HALL LUDWINSKI
 KENNETH JOHN MAIER
 JON FREDERICK MALERICH
 NANCY DOUGLAS MALKIN
 JOHN JOSEPH MARCHESCHI
 DONALD ROBERT LEE MAY, High Honors
 in Liberal Arts and Sciences
 with Distinction in Microbiology
- JOHN THOMAS MAZUR
 COURTNEY FRANCIS MCNABB
 ELIZABETH GAY MCNABB
 STEVEN WOODS MILLER
 MARK IRVIN NELSON
 DAVID WALLACE NIXON III
 THOMAS LILBURN OCHS
 MARGARET ANN PARKER
 RAY EARLE PETERS, JR.
 VITO ANDREA RACANELLI, JR.
 STANLEY MICHAEL REST, High Honors
 in Liberal Arts and Sciences with
 Distinction in Psychology
 PAUL CURTIS ROTH
 CONSTANCE ELAINE ROUX
 DENNIS RAY RYDER
 LAWRENCE EDWARD SACKS
 JAMES GUNNAR SCHALIN
 CAROL SUSAN SCHUFFLER, High Honors
 in Liberal Arts and Sciences with
 Distinction in Microbiology
 WALTER HENRY SCHWANE, JR.
 SHIRIN SHAISY
 RONA ENID SILVER
 JOHN EDWARD SMAARDYK, High Honors
 in Liberal Arts and Sciences with
 Highest Distinction in Physics
 DALE LEON STOCKLEY
 KENNETH LEE STROMBORG, High Honors
 in Liberal Arts and Sciences
 SUSAN MARIE SVEC
 BINH TAO
 ANN MARIE VARNA GARIS, Honors in
 Liberal Arts and Sciences
 KENNETH JAMES WAAGE
 MICHAEL WARREN WALKER
 JAMES MICHAEL WALLACE
 RALPH JOSEPH WESSEL, Honors in Lib-
 eral Arts and Sciences
 STEVEN ARTHUR WHITE
 WILLIAM QUENTIN WIEHRDT
 BILLY RODNEY WISER
 CHUN MUI PANG WONG
 MARIAN YUEN HAN WONG
 MARY BRINKER WOODALL
 JAMES JOSEPH ZOHRER, Honors in Lib-
 eral Arts and Sciences
 GERALD IRA ZOLDAN

In Physics

- JAMES RALPH ARNETT
 JOHN DAVID BRYANT
- JOHN SHI SUN WEI, High Honors in
 Liberal Arts and Sciences with
 High Distinction in the Curriculum

In Speech Correction

- JUDITH MCBRIDE ARBEITER
 REBECCA SUE GILLARD
- KATHERINE KELLER MORROW

In the Teaching of the Biological Sciences and General Science

- LOIS ANDREA EATON
 GERALD RAYMOND KOY
- MARJORY STAFFORD TUNNELL
 DOROTHY JEAN WIEGEL

In the Teaching of Mathematics

JERRY LEE BENSON
 DAVID MICHAEL HIBBS
 MARTIN EUGENE MILLER
 LOUISE MURRAY
 ROBERT ROSS NELSON

RACHEL NEUBERG, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum
 VIRGINIA KATHLEEN WASSMANN
 DAVID RICHARD WOOD

COLLEGE OF LAW**Degree of Juris Doctor**

DOUGLAS CRAIG BALDWIN, A.B., Northwestern University, 1965
 DAVID ROBERT BERARD, A.B., 1964
 CARLTON BRETT BODE
 CHARLES WILLIAM DECKER, B.S., 1964
 DAVID HUMPHREYS DELL, A.B., Oberlin College, 1964
 CHARLES LYNN FIERZ, A.B., Michigan State University, 1965
 RICHARD SAMUEL FRIEDMAN, A.B., 1965
 DENNIS JOSEPH GREEN, B.S., 1963
 MILES NEIL HARTMAN, B.S., 1964
 EDWARD STUART MARGOLIS, A.B., 1965
 KIRK MASLIN, B.S., M.A., 1963, 1965
 EDWARD DENNIS McNAMARA, Jr., B.S., St. Louis University, 1965

KENT ALLEN NOBLE, B.S., 1965
 JOSEPH WILLIAM PHEBUS, B.S., 1962
 PHIL MCKINNEY PIPPENGER, A.B., Knox College, 1963
 FREDERICK DAVID RAWLES, A.B., University of Notre Dame, 1964
 GERALD LOREN SCHENK, A.B., 1964
 FRANK GROVES SIEPKER, B.S., Purdue University, 1961
 HERBERT GLENN STAFF, B.S., 1961
 RALPH SCOTT SUMMERFIELD, A.B., Drury College, 1965
 DAVID WILLIAM WATT, JR., B.S., University of Wisconsin, 1965
 PHILIP DEAN WYNN, B.S., University of Michigan, 1963

COLLEGE OF EDUCATION**Degree of Bachelor of Science***In Elementary Education*

CAROLE LYNN BARNES
 BONNIE SUSAN BERLIN
 BARBARA ANN BESSINGER
 DONNA JEAN DENNIS
 NANCY LOUISE ECK
 PATRICIA JUDD FAUST
 MARJORIE ELLEN FRIEDMAN
 JUDITH AGAZZI GAWLIK
 JEANETTE RUTH GREGG
 JUDITH SANDRA HEILBRUNN
 JOAN JONES HERRIOTT
 TREVA BARBRE JANZOW
 JANIS KAREN KRAMER, High Honors
 CAROL MALK, Honors
 BEATRICE OTT MARRO, Honors
 EILEEN SUSAN MAYER

JACQUELINE COLBERT MILLER
 JEAN THOMAS NICHOLS
 DOROTHY PROCUNIER OLSON
 ROSEMARY ANNETTE PHILPOT
 MARSHA MAE POMRENZE, High Honors
 PAULA ANN RAYMOND
 LINDA JOY REISIN, High Honors
 HELEN SUE SAVITSKY, Honors
 BARBARA LILLIAN SKOCZ, Honors
 BARBARA JANE STANEK
 JANET DRELL STRAUSS
 PAMELA GAYLE SWERDLIN, High Honors
 JUDITH WEST THOMAS, Honors
 LORETTA TRAWINSKI, High Honors

In Industrial Education

JAMES MARCE BROWN
 DAVID WAYNE CHOBAR
 WILLIAM RUSSELL CLAXON, Honors
 GARY MICHAEL CORDIER
 HENRY VINCENT GROSS
 CARL ALBERT HEINRICH, Honors

WILLIAM ROGER HEMBREIKER, Honors
 DENNIS VINCENT KAZLAUSKAS
 PATRICK KEENE LAVAN
 DAVID BRUCE LAWRENCE
 JOHN BOSMAN PARKER
 PAUL EDWARD SKOLASKI

In Secondary Education

JAMES RICHARD FELDMANN
 CAROLE LYNNAE JOHNSON
 THURIDUR J. KRISTJANSOTTIR
 CLARENCE FRED LADWIG
 ENCARNITA MARIA MARTINEZ

EVELYN GAY MEIER
 ROBERT JOHN PRINCE
 OPAL VIRGINIA PROFF
 WILLIAM DALE TILEY
 ELIZABETH SMALL WIGGAM

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

LESTER KENNETH ABLIN	JEROME HOMER GIEMANN
THOMAS JAMES ANDERSON	PHILIP MAX HANLEY
DEBORAH LOUISE ASHBROOK	WILLIAM ADOLPH KAST
RONALD LEE BLOMQUIST	THOMAS PATRICK KEARNEY
ROBERT CHARLES BOWERS, Honors	NOEL FREDERICK KNOBLOCH
VICTOR HYMAN BRACA	THOMAS KRISTIAN OHMAN
ROBERT JOEL BUSH	LARRY GLEN PAULEY
MICHAEL FRANCIS CASSIDY	JOHN WALTER QUIRSFELD
DONALD PAUL CRUM	GARY JOHN SPLITTSTOESSER
HOWARD HENRY ELLIOTT	DONALD ELWOOD SWANSON, JR.
JOHN ALLEN ELSASSER	JACK BERA TEPLITZ
ELINOR HIXSON FOSTER	BARBARA ANNE UHLL
JOHN ARTHUR FREESE	LAWRENCE WAYNE WEIDIG
WILLIAM ARTHUR FREY III	RICHARD LOWELL WETHERELL
CHARLES RAYMOND FULK, Honors	THOMAS LEE ZEBARTH

In Economics

STEPHEN CHARLES BANNISTER, High Honors	JOHN EDWARD NIMZ, JR.
JULIAN BRUNO GORSKI	JOHN JAMES NOWICKI

In Finance

PAUL ALAN DECKER	DONALD ALLEN MCKAY
KARL ROBERT FERNLUND	ALAN STEVEN PEPPER
ROBERT SHERWOOD JACKSON	TERRY JEROME SCHUSTER
SCOTTY RAY JACOBS	CLAYTON ALLAN STUBBINS
DAVID LEE KELTNER	DONALD RAYMOND VOIT
JOHN BOWLES MAJOR, JR.	

In Industrial Administration

CAROLYN GRAVES COOKE	RICHARD JOSEPH PETZOLD
GLENN MATTSOON CUTLER, JR.	AUGUST FRANCIS PIONKE, JR.
ALLEN GUSTAV DRIES	ROBERT ANTHONY POLIVKA
ALLEN HARVEY HALL	DUCK YOUNG SONG
RANDY K. HESS	THOMAS DALE WAGONER
RICHARD BOYCE KIRCHHOFF	KENNETH ANDREW WERON

In Management

ALAN BYRON CASTATOR	BURDETTE RICHARD JOHNSON
ROBERT ALAN EKSTEN	THOMAS SCOTT PARKHILL
LARRY EDWARD GRABB	

In Marketing

RICHARD DENNIS BALL	HERBERT PAUL HUPFER
JAMES COLLIN DONG, JR.	DIANNE PINNOW LEKOVISH
DOUGLAS WAYNE EDEN	JOHN WAYNE MATZER
JAMES EDMUND EGAN	JOSEPH CECIL BANKS PATTERSON
ELLIOT ENGELHART	DONALD FRANK PIERSON
STEVEN GUNTHER FRIEDMANN	ROBERT OWEN REICHL
PEGGY LYNN HETTINGER	ALAN JOHN YOUNG
MICHAEL JAMES HOUSTON	

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Communications

MYRON MAYNARD BENNETT, JR.	BARBARA JEANNE GRAFF
ROBERT ALAN CHABER	JOHN RAYMOND HANKE
STEPHEN GREGORY CREWS, Honors	SHAREN EARLE KLOSTER

LOUIS WILLIAM OATES
FRANK DANIEL PRICKETT
EVA HARRIET SCHMIDT
PATRICIA GAIL SHEPARD

BONNIE ANN SMITH
DANIEL FRANCIS VIDAS, JR.
ERVIN EVERMONT WYNE

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

FRANCISCO J. AGULLO
DAVID FREDERICK ASCHBACHER
HAROLD FREDERICK BURKE, JR.
DAVID C. ELMORE
JOSEPH FRANKLIN FRUTH
DAVID ARDEN HANSEN
RONALD HASON, HONORS
KENNETH WILLIAM JONES
COLIN PINKERTON LINDBERG
JOHN JAMES MARTIN
THOMAS JAMES MCMORROW
PAUL LEONARD POLISKI

STEVEN RICHARD POLSON
JOSEPH BENEDICT RALA
KELLY DENNIS RIORDAN, HONORS
ALLEN CLARK SHELDON, JR.
REX STEPHEN SLAUGHTER
JOHN ROBERT SMART
MYLES CLAY STEVENS, JR.
RICHARD HARVEY STEWART, JR.
RONALD EUGENE SZERLONG
RONALD EDWARD VANDER WERFF
WAYNE ALAN WORTHINGTON

Degree of Bachelor of Fine Arts

In Art Education

DIANE H. MARKS

ROBERT FLOYD WILSON

In Crafts

ELEANOR HEDWIG MOTY, HONORS

MARY GROTH PILCHER, HONORS

In Graphic Design

ANEITA KAY ATWOOD, HONORS
AARON ARTHUR FAGEN
LINDA ANN JACOBER
CAROL CLAUDIA LIBERA, HONORS

JANICE MARIE CARY MCNARY
HENRY JAMES RETZER, HONORS
DENNIS ANDREW TAVLOS
BEVERLY ANN YURTIS

In Industrial Design

DAVID MICHAEL BAUMAN
JAMES MICHAEL CYBOROWSKI, High
Honors
WAYNE JOSEPH FRANEK
JAMES GARDNER MILLER III

ROGER RAY RHODENBAUGH
KENNETH RICHTER
JAMES PAYTON WANG
JOEL MUELLER WITTKAMP

In Painting

JUDITH ANN HUFSCMITT
WAYNE LEO PAIGE
VIRGINIA PECK, Highest Honors
NORMA MCHOES RICHARDS

FERRIS HOLBROOK STEPAN
DIANE SUE STOKES
CAROL BARCH TAYLOR
GERALD EUGENE VEST

In Sculpture

MARVIN LYLE SHAFER, HONORS

Degree of Bachelor of Landscape Architecture

GLENN DOYLE STANTON

Degree of Bachelor of Music

JOHN FREDERICK DEPPE
JAMES STEPHEN JAVORE

DAVID HAMMAN MAXWELL, High
Honors
ROBERTA GERTRUDE SAPER

Degree of Bachelor of Science

In Music Education

BONNIE MARA BARNETT, HONORS
LOVICE JOY BRICHTA, HONORS

ELIZABETH JOSEPHINE BURK, HONORS
BONNIE TRAUM BURROWS

SANDRA LEE GARRISON, Honors
 JANICE COYKENDALL HANSEN
 JAMES STEPHEN JAVORE
 JAN KAY KEISTER, Honors
 GERALD WAYNE MAKEEVER

ROBERT EDWARD NOVOTA
 DAVID THEODORE PETERSON
 GERALD JOSEPH PINZINO, Honors
 DENNIS ALAN SHAUL
 MARY ELLEN SIMMONS

Degree of Bachelor of Urban Planning

STEPHEN PAINE JOHNSON
 ALAN WESLEY MOORE
 ROGER EUGENE MYERS

STEVEN DAVID PERLMAN
 MICHAEL GEORGE ZALECKI

COLLEGE OF PHYSICAL EDUCATION

Degree of Bachelor of Arts

In Dance

KATHERINE ABBOTT

GAIL ELLEN MAZUR

Degree of Bachelor of Science

In Health Education

CHARLES MARTIN ESPINOZA

In Physical Education

THOMAS DAVID ABERNATHY
 TONI-ANNA BJORN, Honors
 JOHN RAYMOND BUCKLAR
 PATRICIA LONGSTRETH CARPER
 HAROLD WEGMAN CARR, JR.
 JOHN DIXSON FLEMING, High Honors
 CHARLES EUGENE LAMKIN, JR.
 ROBERT CHARLES LORENZ

MARILYN MARSHALL
 BARBARA JEAN MORRIS, Honors
 JOHN JEROME PELECK
 SHARON SOBALA SERNEL
 CAROL RICKEY SMITH, Honors
 NIJOLE REGINA STONCIUS
 RICHARD ROLAND STONE
 JON COLBY SWANSON, Honors

In Recreation

MARILYN FRANCES FINDAHL
 ROBIN DALE GALTER
 JO ALBERTS GILLESPIE
 DANIEL MICHAEL HUMAY
 SYLVIA GAIL LEMEN

JACQUELYN LEE REILAND
 MARY ELLEN SHINNERS
 SUE ANN SONDELL
 MATTHEW ASHER SPAGAT

In the Teaching of Dance

JEANNETTE ROSE VOTAVA

COLLEGE OF VETERINARY MEDICINE

Degree of Bachelor of Science

In Veterinary Medicine

ROGER LEE HUNTER

SECRETARY'S REPORT

The Secretary presented for record appointments to the faculty made by the President, resignations and declinations, leaves of absence, and the following cancellation and change in sabbatical leaves of absence.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE

KIRK, COLLEEN J., Professor of Secondary and Continuing Education and of Music, and Counselor on University Council on Teacher Education, Urbana — sabbatical leave of absence granted her for Semester II 1967-68, on full pay, is cancelled without prejudice.

CHANGE IN SABBATICAL LEAVE OF ABSENCE

CASH, JACOB G., Professor of Dairy Science Extension, Urbana — sabbatical leave of absence changed from six months from January 1, 1968, on full pay, to three months from April 1, 1968, on full pay.

A copy of the complete report is filed with the Secretary.

ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD**FUTURE BOARD MEETINGS**

President Swain announced the following schedule for the next three meetings of the Board: annual meeting of the Board, March 20, 1968, Urbana (having been changed by vote of the Board from Tuesday, March 12) ; April 17, 1968, at Chicago Circle ; May 15, 1968, in Urbana.

RECESS

On motion of Mr. Clement, the regular meeting was recessed and the President of the Board stated that following lunch, a meeting of the Committee on Buildings and Grounds had been called and that an executive session had been requested and was being ordered following the Committee meetings to consider recommendations relating to patentable discoveries, property acquisitions and pending litigation.

LUNCHEON

A film produced at the Medical Center Campus, "Educating the Dedicated," was shown to Trustees and other University personnel following the luncheon.

EXECUTIVE SESSION

When the Board reconvened, the same members of the Board, officers of the Board and officers of the University as recorded at the beginning of these minutes were present.

The Board considered the following recommendations from the President of the University.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(32) The University Patent Committee, with the concurrence of the Chairman of the University Research Board, submits the following reports and recommendations relating to patentable inventions by members of the staff.

1. Low pressure absolute manometer — Wilfred C. Schuemann, former Research Associate in the Coordinated Science Laboratory, inventor ; developed under the sponsorship of the Joint Services Electronics Program and the National Aeronautics and Space Administration.

The basic device consists of a metallic vane mounted on the end of an arm suspended at the center of a torsion fibre. The unknown pressure is on one side and a high vacuum on the other side of the vane. Molecules rebounding from one side of the vane give rise to a torque about the axis of the torsion fibre. A conducting grid is placed in front of the vane and a torque, opposing that caused by the molecules, can be produced by applying a voltage between the grid and the vane. A mirror is placed on the arm at the torsion fibre and optical techniques are used to determine a null position. The gas pressure on the back of the vane is made negligible by placing the vane in a wall between two vacuum systems. The first system contains the gas to be measured and the grid to produce the electrostatic force. The second system contains the suspension fibre mounting and a pump which has a pumping speed very much larger than the leakage conductance from system 1 to 2 through the gap around the vane.

The Committee recommends that the rights of the University in this invention be assigned to the National Aeronautics and Space Administration, if that is the wish of that agency, and that the University not request a waiver from that agency for the use of the invention.

2. Gamma ray probe for measuring submarine sediment density in situ—K. Preiss, former Assistant Professor of Civil Engineering and of Nuclear Engineering, inventor; developed under the sponsorship of the Office of Naval Research.

The probe consists of two tubes spaced approximately 12 inches apart and approximately 12 inches long. One tube contains a source of gamma radiation, which is cesium 137. The other tube contains a sodium-iodide scintillation counter which is arranged so as to count only the photons over the cesium 137 absorption peak. In such a system the density of the material between the tubes is proportional to the logarithm of the detected count rate. This detected count rate is sent by cable to a ship for recording.

The Committee recommends that the rights of the University be assigned to the inventor, subject to the rights of the Navy, and that if the inventor does not apply for a patent the rights be assigned to the United States Navy.

3. Monitored and adaptive socratic tutor for educational research, the MASTER I/O station for the SOCRATES computer based teaching system—Kenneth C. Smith, former Research Associate Professor of Electrical Engineering and of Electrical Engineering in the Department of Computer Science, inventor; developed under the sponsorship of the Office of Naval Research.

This is a film transport mechanism with transistorized function and timing logic for use under computer control as a teaching station. The film transport and projection system of the United States Industries' AutoTutor Mark II is used as well as printed circuit cards designed at the Department of Computer Science of the University of Illinois.

The Committee recommends that the rights of the University be assigned to the inventor, subject to the rights of the Navy, and that if the inventor does not apply for a patent the rights be assigned to the United States Navy.

4. N-Carbalkoxy-O-Alkylamidoximes as insecticides—Dominick A. Coviello, Associate Professor of Chemistry in the College of Pharmacy, Sheila R. Liberman, former Assistant in Chemistry in the College of Pharmacy, and Bernard Greenberg, Professor of Biological Sciences at Chicago Circle, inventors.

Derivatives of the general structure designated N-Carbalkoxy-O-Alkylamidoximes have been prepared and have demonstrated an ability to kill houseflies.

The Committee recommends that the rights of the University be assigned to the inventors.

5. Solid state junction devices for light detection and modulation—Chih-Tang Sah, Professor of Electrical Engineering and of Physics, inventor; developed under the sponsorship of the Advanced Research Projects Agency and the Air Force Office of Scientific Research.

Light modulation and detection can be obtained at the impurity centers in the depletion region of a semiconductor junction. This invention proposes the use of this newly discovered phenomena by this inventor for light detection, modulation and cross modulation.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for further study and patent application, such assignment subject to the rights of the sponsoring agencies.

6. Electrochemical and/or chemical reduction projects of hexavalent chromium prepared by molten salt techniques—H. A. Laitinen, Professor of Chemistry, and J. H. Propp, former Research Assistant in Chemistry, inventors; developed under the sponsorship of the United States Army Research Office at Durham.

A protective coating has been prepared by electroreduction of chromate in molten lithium chloride-potassium chloride in the presence of magnesium chloride at temperatures of approximately 350-600°C.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for further study and patent application, such assignment subject to the rights of the sponsoring agency.

7. Tube latex glutination test ("Malaria Vaccine and Malaria Diagnostic Test"), Miodrag Ristic, Professor of Veterinary Pathology and Hygiene, in the College of Veterinary Medicine, and of Veterinary Research, in the College of Agriculture, Radmilo A. Todorovic, Research Associate in Veterinary Path-

ology and Hygiene, in the College of Veterinary Medicine, and in Dairy Science, in the Agricultural Experiment Station, Arnold Ray Smith, Post-D.V.M. Trainee, inventors; developed under the sponsorship of the National Institutes of Allergy and Infectious Disease and the National Heart Institute.

An antigen was extracted from the serum of animals acutely infected with malarial parasites. When this antigen was freed from most of the native serum components, it was found to be useful in a tube latex agglutination (TLA) test for diagnosis of various malarias, including that of man. Preliminary trials with this antigen indicate that it is immunogenic and that it may be used for prevention of malarial infections.

A patent application has been filed. The Committee recommends that assignment be made to the University of Illinois Foundation, subject to the rights of the sponsoring agencies.

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

EMPLOYMENT OF SPECIAL COUNSEL

(33) At its meeting on September 20, 1967, the Board of Trustees authorized the Legal Counsel to take such steps as are necessary or appropriate, including the employment of special counsel, to defend the University and its employees in a suit filed in the Circuit Court of Cook County (67 L 13177) by Howard S. Chapman, one of the passengers in a University plane which crashed November 28, 1966. In connection with the same transaction, Howard S. Chapman filed suit in the United States District Court for the Northern District of Illinois, Eastern Division (Civil Action No. 66 C 2335) against the United States of America. The Amended Complaint in the Federal suit seeks damage from the United States of America in the amount of \$850,000 for the alleged negligence of the United States in the matter. The United States of America has now filed in the Federal action a Third-Party Complaint against the University and its same representatives and agents who were named as defendants by Howard S. Chapman in the State court action. The Third-Party Complaint seeks to require the University and its representatives and agents to indemnify the United States for or, alternatively, to contribute a prorata share of any liability assessed against the United States of America in the Federal Court action.

Each of the University employees named as a defendant in the Third-Party Complaint is alleged to have been performing his University duties on the occasions referred to, and each has requested the University to provide representation for him in the matter.

The Legal Counsel recommends that he be authorized to take such steps as are necessary or appropriate, including the employment of special counsel, to defend the University and its employees in the Federal proceedings.

I concur.

On motion of Mr. Clement, this recommendation was approved.

PENDING LITIGATION

The Legal Counsel reported on the status of condemnation cases, including the pending condemnation of the Winship Property at the University of Illinois-Willard Airport. At the request of the Legal Counsel and on motion of Mr. Grimes, the Board granted the officers of the University authority to settle the condemnation at a price up to \$1,200 per acre plus damages to land not taken, if such settlement is indicated by the progress of the litigation.

On motion of Mr. Grimes, the Board adjourned.

EARL W. PORTER
Secretary

TIMOTHY W. SWAIN
President

ANNUAL MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

March 20, 1968



The annual meeting of The Board of Trustees of the University of Illinois was held in the Pennsylvania Avenue Residence Halls, on the Urbana-Champaign campus, on Wednesday, March 20, 1968, beginning at 9:45 a.m.

President Timothy W. Swain called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. Harold Pogue, Mr. Timothy W. Swain, Mr. Kenney E. Williamson. Governor Otto Kerner, Mr. Ray Page, and Dr. James A. Weatherly were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor Jack W. Peltason, University of Illinois at Urbana-Champaign; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, Legal Counsel; Dr. Daniel C. McCluney, Dean of Faculties, Chicago Circle; Mr. Vernon L. Kretschmer, University Associate Director of Physical Plant Planning and Construction; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Eugene S. Pitcher, Assistant to the Director of the Physical Plant, Urbana; Mr. Robert W. Evans, Director of Public Information, Urbana; Mr. Max I. Light, Director of Public Information, Medical Center; Mr. Grover E. Shipton, Director of Public Information, Chicago Circle; and the officers of the Board, Mr. H. O. Farber, Comptroller; Mr. R. R. Manchester, Treasurer; and Dr. Earl W. Porter, Secretary.

TRIBUTE TO WILLIAM E. POLLACK

The President of the Board called to the attention of the Trustees the recent death of Representative William E. Pollack, a legislative leader for many years, and friend of the University.

Mr. Jones spoke briefly in tribute to Mr. Pollack and at Mr. Jones' suggestion the members of the Board stood for a moment of silence.

ELECTION OF OFFICERS

The Board took up the special order of business for the annual meeting and Mr. Swain called for the election of officers.

President of the Board

Mr. Grimes nominated Mr. Swain for re-election.

Mr. Swain asked the Board to elect a temporary chairman.

On nomination of Mr. Williamson, Mr. Hughes was elected by acclamation and took the chair.

Mr. Pogue moved the nominations be closed and that the Secretary cast a unanimous ballot of the Board for the election of Mr. Swain as President.

The ballot was so cast, and Mr. Swain was declared elected President of the Board, to serve until the next annual meeting of the Board in March, 1969, or until his successor shall have been elected. Mr. Swain took the chair and spoke briefly of his appreciation for the expression of support indicating his intention to serve the University and the Board to the best of his ability.

Secretary of the Board

Mr. Grimes nominated Mr. Earl W. Porter.

On motion of Mr. Hughes, the nominations were closed, and Mr. Porter was declared elected Secretary of the Board, to serve until the next annual meeting of the Board in March, 1969, or until his successor shall have been elected.

Comptroller of the Board

Mr. Jones nominated Mr. H. O. Farber.

On motion of Mr. Hughes, the nominations were closed, and the Secretary was instructed to cast a unanimous ballot of the Board for the election of Mr. Farber as Comptroller. The ballot was so cast and Mr. Farber was declared elected Comptroller, to serve until the next annual meeting of the Board in March, 1969, or until his successor shall have been elected.

Executive Committee

Mr. Hahn nominated Mr. Clement and Mr. Hughes to serve as members of the Executive Committee, with the President of the Board as Chairman.

On motion of Mr. Jones, the nominations were closed, and the Secretary was instructed to record the unanimous ballot of the Board for the election of Mr. Clement and Mr. Hughes to the Executive Committee. The ballot was so cast and Mr. Clement and Mr. Hughes were declared elected members of the Executive Committee, to serve until the next annual meeting of the Board in March, 1969, or until their successors shall have been elected.

DELEGATION OF SIGNATURES

Mr. Williamson offered the following resolution:

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 Auditor of Public Accounts, 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. O. Parvin, R. N. Parker, in Urbana

C. H. Moody, Helen Culbertson, in Springfield

James E. Osborn, David W. Bonham, Walter E. Cowart, R. E. Porter, H. O. Albers, A. W. Catrambone, in Chicago

authority to sign his name as President of the Board of Trustees to vouchers against the Auditor of Public Accounts; and to

C. C. DeLong, R. W. Zimmer, W. M. Griffith, in Urbana

James E. Osborn, David W. Bonham, Walter E. Cowart, R. E. Porter, H. O. Albers, A. W. Catrambone, 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

R. C. Wicklund, George H. Bargh, Virginia J. Hendrix, in Urbana

Deane R. Doolen, Anthony J. Diekema, Velma M. Davis, H. W. Bailey, Kirker Smith, L. W. Sandy, in Chicago

authority to sign his name as Secretary of the Board of Trustees to vouchers against the Auditor of Public Accounts 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 also authorized to delegate to

Lean C. Ryan, Addalein C. Hawk, in Springfield

authority to sign his name as Secretary of the Board of Trustees on vouchers against the Auditor of Public Accounts approved in accordance with the regulations of the Board.

These authorizations are to continue in effect until the Auditor of Public Accounts has been supplied with specimen signatures of succeeding officers of this Board. And be it further

Resolved, that the First National Bank of Chicago as a designated depository of R. R. Manchester, 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: President and 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.

This resolution was unanimously adopted.

STANDING COMMITTEES FOR 1968-69

The President of the Board appointed the following standing committees to serve during the year 1968-69, or until their successors have

been appointed following the annual meeting of the Board of Trustees in March, 1969.

The President of the University is a member, *ex officio*, of all standing committees.

Agriculture

EARL M. HUGHES, Chairman
HAROLD POGUE
JAMES A. WEATHERLY

Alumni

JAMES A. WEATHERLY, Chairman
RALPH C. HAHN
HAROLD POGUE

Athletic Activities

HAROLD POGUE, Chairman
RALPH C. HAHN
JAMES A. WEATHERLY

Buildings and Grounds

RALPH C. HAHN, Chairman
HOWARD W. CLEMENT
DONALD R. GRIMES
EARL M. HUGHES
THEODORE A. JONES
HAROLD POGUE

Chicago Departments

HOWARD W. CLEMENT, Chairman
DONALD R. GRIMES
THEODORE A. JONES

Finance

DONALD R. GRIMES, Chairman
HOWARD W. CLEMENT
KENNEY E. WILLIAMSON

General Policy

EARL M. HUGHES, Chairman
HOWARD W. CLEMENT
DONALD R. GRIMES
RALPH C. HAHN
THEODORE A. JONES
KENNEY E. WILLIAMSON

Nonacademic Personnel

DONALD R. GRIMES, Chairman
EARL M. HUGHES
JAMES A. WEATHERLY

Patents

THEODORE A. JONES, Chairman
DONALD R. GRIMES
KENNEY E. WILLIAMSON

Student Welfare and Activities

RALPH C. HAHN, Chairman
THEODORE A. JONES
JAMES A. WEATHERLY

AMENDMENTS TO THE BY-LAWS OF THE BOARD OF TRUSTEES

At the Special Meeting of the Board of Trustees in Springfield on December 9, 1967, it was suggested that the occasion for that meeting, to select a successor to the late Wayne A. Johnston as President of the Board, emphasized the need to make provision for interim succession to that office. It was understood that the staff would study the matter and develop recommendations for procedures as soon as possible.

Such recommendations have now been developed by the Legal Counsel and also following are amendments to the By-Laws of the Board of Trustees suggested by the Legal Counsel as appropriate to accomplish interim succession to vacant offices of the Board.

These suggestions are presented for the consideration of the Board and whatever action is deemed appropriate.

Article V. Terms of Officers and Appointees of the Board

Section 1. The officers of the Board shall consist of a President, Recording Secretary, and Comptroller, who shall be elected for a term of one year, and a Treasurer who shall be elected for a term of two years.

They shall be elected at the annual meeting of the Board and shall hold office until their successors are elected and qualified. All vacancies for any cause shall be filled by vote of the Board of Trustees in organized meeting, *provided that for the period between the occurrence of any vacancy and the next regular meeting of the Board of Trustees, the Chairman of the General Policy Committee of the Board shall be and become President, if the vacancy exists in that office, otherwise such person as may be designated by the President shall be and become the Recording Secretary, Comptroller, or Treasurer, as the case may be.*

Article VI. Duties of Officers and Appointees of the Board

Section 8. Assistant Recording Secretary and Assistant Comptroller. The President of the Board, in consultation with the President of the University, may appoint members of the staff as Assistant Recording Secretary and Assistant Comptroller, who shall perform the duties of the Recording Secretary and Comptroller, respectively, during absences of those officers, and who shall perform such other duties as from time to time may be assigned to them.

On motion of Mr. Jones, the foregoing amendments to the By-Laws were adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Ray Page, Dr. James A. Weatherly.

Mr. Jones suggested that it would be desirable for the complete text of the By-Laws to be reviewed to determine the need for any further revisions or amendments. He asked that the administration undertake this task and President Henry indicated that this would be done within the coming months.

APPOINTMENTS OF ASSISTANT COMPTROLLER AND ASSISTANT RECORDING SECRETARY OF THE BOARD OF TRUSTEES

The President of the Board, after consultation with the President of the University and in accordance with the foregoing amendment to Section 8 of Article VI of the By-Laws, reports for the record the appointment of Morris S. Kessler as Assistant Comptroller of the Board of Trustees and Romayne C. Wicklund as Assistant Recording Secretary of the Board of Trustees. These appointments are to be effective until further notice.¹

On motion of Mr. Williamson, this report was received for record.

RESOLUTION OF APPRECIATION

Mr. Hahn presented the following resolution:

On March 11, 1968, the one hundredth anniversary of the Inauguration of the University, a Centennial Convocation at the Urbana campus brought to a close year-long celebrations on each campus which gave perspective to the achievements of the University in its first century and provided a forum for consideration of its role in the future.

From the signing by the Governor, on February 28, 1967, of a Centennial Proclamation through the entire year thereafter, this institutional milestone has been marked by a wide range of University-wide activities including lectures and colloquia, special cultural events and exhibits, and involving many eminent visitors and speakers. The imagination, planning, and energy of those responsible for the achievement of such a noteworthy observation deserve congratulation. It has been a year to remember!

Be It Therefore Resolved, that the President of the University is requested by the Board of Trustees to convey the grateful appreciation of the Board to members of the faculties, student bodies, and administrative officers and staffs and to the various committees throughout the University who were involved in planning and carrying out a distinguished and highly appropriate program for the celebration of the Centennial Year of the University of Illinois.

On motion of Mr. Pogue, this resolution was unanimously adopted by a rising vote.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

¹By action of the Board of Trustees on May 17, 1961, George H. Bargh was appointed Assistant Treasurer, the appointment to be until further notice.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

BUDGET FOR 1968 SUMMER QUARTER AND FACULTY APPOINTMENTS. CHICAGO CIRCLE

(1) Submitted herewith are the budget and appointments to the faculty for the 1968 Summer Quarter at Chicago Circle from June 17 through August 30, 1968.

The total budget is for salaries in the amount of \$760,000.

The salaries recommended are computed on the basis of one-third of the salary of the academic year for a full quarter of service, with proportionate amounts for shorter periods or for part-time service.

I recommend that these appointments to the summer quarter staff at Chicago Circle be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes and adjustments and additional appointments as are necessary in accordance with the needs of the University within the allocations of funds indicated.

On motion of Mr. Clement, these appointments and the summer quarter budget for 1968 for Chicago Circle were approved, and authority was given as requested; this action was taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
Chancellor's Office		
1. Salaries Unassigned.....		\$ 2 642 00 (2 642 00)
College of Business Administration		
1. Raymond W. Coleman, Professor.....	50	\$ 3 375 00
2. Samuel Fox, Professor.....	100	4 734 00
3. Clarence H. Gillette, Professor.....	100	4 950 00
4. W. D. Grampp, Professor.....	100	5 500 00
5. Leonard Kent, Professor.....	33	1 945 00
6. Alfonse T. Malinosky, Professor.....	77	3 594 00
7. William H. Reynolds, Professor.....	83	4 723 00
8. Albert J. Schneider, Professor.....	100	5 334 00
9. Sherman Shapiro, Professor.....	100	5 834 00
10. William W. Tongue, Professor.....	33	2 278 00
11. Hale C. Bartlett, Associate Professor.....	100	4 334 00
12. S. G. Huneryager, Associate Professor.....	33	1 612 00
13. Carl M. Larson, Associate Professor.....	100	4 334 00
14. Fayette B. Shaw, Associate Professor.....	100	3 734 00
15. Ferdinand J. Mathis, Assistant Professor.....	100	3 800 00
16. Edward T. Ossman, Assistant Professor.....	100	3 634 00
17. Keshav C. Sen, Assistant Professor.....	100	4 000 00
18. Allen L. Sinai, Assistant Professor.....	100	3 767 00
19. Thomas E. Morton, Instructor.....	33	1 000 00
20. Walter J. Wadycki, Instructor.....	33	1 000 00 (73 482 00)
College of Education		
1. Faustine C. Jones, Assistant Professor.....	100	\$ 3 667 00
2. Charles A. Tesconi, Assistant Professor.....	100	3 334 00
3. Robert L. Foley, Instructor.....	100	3 000 00
4. 1.50 Salaries Unassigned.....	150	4 600 00 (14 601 00)
College of Engineering		
Energy Engineering		
1. James P. Hartnett, Professor and Head.....	33	\$ 2 334 00
2. David S. Hacker, Associate Professor.....	50	2 367 00

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
3. Harold A. Simon, Associate Professor.....	50	2 367 00
4. Calvin Wolf, Assistant Professor.....	50	1 750 00
5. 0.5 FTE Assistant.....	50	1 000 00
		(9 818 00)
Information Engineering		
1. Herbert J. Stein, Associate Professor and Acting Head...	100	\$ 4 667 00
2. Chu Quon Lee, Assistant Professor.....	100	3 484 00
3. Devender C. Reddy, Assistant Professor.....	100	3 167 00
4. George L. Brown, Instructor.....	50	1 375 00
5. Howard F. Prosser, Instructor.....	100	3 167 00
		(15 860 00)
Materials Engineering		
1. Ernest F. Masur, Professor and Head.....	50	\$ 3 500 00
2. Robert L. Schiffman, Professor.....	50	3 067 00
3. Robert F. Domagala, Associate Professor.....	100	4 300 00
4. Robert H. Bryant, Assistant Professor.....	100	3 267 00
5. Mahmoud Khojasteh, Assistant Professor.....	100	3 400 00
6. Daniel Schoeberle, Assistant Professor.....	100	3 500 00
		(21 034 00)
Systems Engineering		
1. Richard C. Kohler, Associate Professor.....	100	\$ 4 000 00
		(4 000 00)
College of Architecture and Art		
Administration		
1. Alvin S. Boyarsky, Associate Dean and Professor of Architecture.....	50	\$ 2 750 00
		(2 750 00)
Architecture		
1. _____, Professor and Head.....	50	\$ 3 334 00
2. Salaries Unassigned.....	700	28 536 00
		(31 870 00)
Art		
1. Simon D. Steiner, Associate Professor and Chairman.....	50	\$ 2 167 00
2. John D. McNee, Professor.....	50	2 334 00
3. Martin Hurtig, Associate Professor.....	100	3 917 00
4. Warren Sanderson, Associate Professor.....	50	2 167 00
5. Nancy D. Berryman, Assistant Professor.....	100	3 600 00
6. Lawrence Salomon, Assistant Professor.....	100	3 534 00
7. William S. Becker, Instructor.....	67	1 778 00
8. David R. Edman, Instructor.....	50	1 334 00
9. Herbert Slobin, Instructor.....	50	1 500 00
		(22 331 00)
College of Liberal Arts and Sciences		
Administration		
1. Stephen A. Schiller, Assistant Professor of Criminal Justice.....	50	\$ 1 950 00
2. Salaries Unassigned.....	100	2 545 00
		(4 495 00)
Anthropology		
1. Charles A. Reed, Professor and Acting Head.....	33	\$ 1 667 00
2. Laura Bohannon, Associate Professor.....	100	4 034 00
3. Constance Cronin, Assistant Professor.....	100	3 167 00
		(8 868 00)
Biological Sciences		
1. J. O. Corliss, Professor and Head.....	50	\$ 3 334 00
2. Sidney F. Glassman, Professor.....	100	4 767 00
3. James A. Bond, Assistant Professor.....	100	3 334 00
4. Manuel Goldman, Assistant Professor.....	100	4 000 00
5. Richard B. Farrar, Instructor.....	100	2 167 00
6. Leonard Feigenbaum, Instructor.....	100	2 334 00

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
7. Sue Y. Lee, Instructor.....	100	2 334 00
8. Salaries Unassigned.....	217	6 271 00
9. 4.0 FTE Assistants.....	400	6 400 00
		(34 941 00)

Chemistry

1. William F. Sager, Professor and Head.....	33	\$ 2 334 00
2. Bernard J. Babler, Professor.....	33	1 812 00
3. Roy Huitema, Professor.....	75	4 000 00
4. Charles K. Hunt, Professor.....	75	3 325 00
5. Thomas H. Brown, Associate Professor.....	50	2 200 00
6. J. Victor Mansfield, Associate Professor.....	100	3 334 00
7. Samuel Schrage, Associate Professor.....	100	4 084 00
8. John W. Cowin, Instructor.....	75	2 388 00
9. Wade A. Freeman, Instructor.....	100	2 334 00
10. Elaine Z. Herzog, Instructor.....	100	2 634 00
11. Ralph E. Meints, Instructor.....	75	1 700 00
12. Frances K. Seabright, Instructor.....	100	2 734 00
13. Salaries Unassigned.....	450	11 834 00
14. 2.0 FTE Assistants.....	200	3 600 00
		(48 313 00)

English

1. Robert B. Ogle, Professor and Head.....	50	\$ 3 200 00
2. Falk S. Johnson, Professor.....	50	2 167 00
3. Bernard R. Kogan, Professor.....	50	2 284 00
4. _____, Professor.....	50	2 659 00
5. Karl Shapiro, Professor.....	50	3 500 00
6. Samuel A. Weiss, Professor.....	50	2 167 00
7. Elizabeth V. Wright, Professor.....	33	1 445 00
8. Irving D. Blum, Associate Professor.....	67	2 667 00
9. John C. Johnson, Associate Professor.....	67	2 767 00
10. Edwin B. Levine, Associate Professor.....	67	2 712 00
11. Sonia Miller, Associate Professor.....	67	2 578 00
12. John B. Shipley, Associate Professor.....	67	2 734 00
13. Robert W. Gladish, Assistant Professor.....	67	2 067 00
14. Gerald B. Kauvar, Assistant Professor.....	33	1 056 00
15. Robert J. Kispert, Assistant Professor.....	67	2 367 00
16. David Lenfest, Assistant Professor.....	67	2 023 00
17. Willie N. Love, Assistant Professor.....	67	2 156 00
18. John H. Mackin, Jr., Assistant Professor.....	67	2 556 00
19. Adam Makkai, Assistant Professor.....	67	2 445 00
20. Valerie B. Makkai, Assistant Professor.....	67	2 112 00
21. Michael Morrisroe, Assistant Professor.....	67	2 023 00
22. Margaret H. Oleksy, Assistant Professor.....	67	2 067 00
23. Ted-Larry Pebworth, Assistant Professor.....	67	2 089 00
24. James Russell, Assistant Professor.....	67	2 200 00
25. Maurita F. Willett, Assistant Professor.....	67	2 089 00
26. Preston M. Browning, Instructor.....	67	1 745 00
27. Archibald J. Byrne, Instructor.....	33	934 00
28. Rolf H. Charlston, Instructor.....	67	1 667 00
29. Sarah Cohen, Instructor.....	33	834 00
30. Francis G. Cox, Instructor.....	67	1 778 00
31. Lloyd E. Dodd, Instructor.....	67	1 645 00
32. Arthur L. Greenwald, Instructor.....	67	1 623 00
33. Florence Sandler, Instructor.....	67	1 978 00
34. Howard Kerr, Instructor.....	67	1 934 00
35. Narvel L. Lane, Instructor.....	67	1 778 00
36. Vincent Louthan, Instructor.....	67	1 956 00
37. Ronald J. McCaig, Instructor.....	67	1 778 00
38. James L. Rauch, Instructor.....	67	1 623 00
39. Eyvind C. Ronquist, Instructor.....	67	1 556 00
40. Gene W. Ruoff, Instructor.....	67	1 978 00

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
41. Mary C. Sidney, Instructor.....	67	1 756 00
42. Frederick Stern, Instructor.....	67	1 645 00
43. Charles A. Weisbrod, Instructor.....	67	1 778 00
44. Dale Woolley, Instructor.....	67	1 934 00
45. Anthony C. Yu, Instructor.....	67	2 000 00
46. 2.00 FTE Assistants.....	200	3 280 00
		(95 430 00)
French		
1. Kenneth I. Perry, Assistant Professor and Acting Head...	100	\$ 3 300 00
2. Dorothy R. Thelander, Associate Professor.....	100	3 334 00
3. Byron R. Libhart, Assistant Professor.....	100	3 067 00
		(9 701 00)
Geography		
1. Alden D. Cutshall, Professor and Head.....	33	\$ 1 889 00
2. Roger M. McCoy, Assistant Professor.....	100	3 267 00
3. Clifford E. Tiedemann, Assistant Professor.....	50	1 800 00
4. Albert J. Larson, Instructor.....	100	3 134 00
5. Kenneth L. Kartz, Instructor.....	100	2 000 00
		(12 090 00)
Geology		
1. Werner H. Baur, Associate Professor and Head.....	33	\$ 1 945 00
2. Warren C. Forbes, Assistant Professor.....	100	3 367 00
3. Kelvin S. Rodolfo, Assistant Professor.....	100	3 367 00
		(8 679 00)
German		
1. Robert R. Heitner, Professor and Head.....	33	\$ 2 445 00
2. Arnold J. Hartoch, Associate Professor.....	50	2 067 00
3. Ernest S. Willner, Associate Professor.....	67	2 445 00
4. James C. Hanson, Assistant Professor.....	50	1 450 00
5. Karl F. Otto, Jr., Assistant Professor.....	33	1 000 00
6. Arthur Haase, Instructor.....	33	945 00
7. Wilma Hoffmann, Instructor.....	67	2 112 00
8. Wanda L. Sorgente, Instructor.....	33	806 00
9. Susan E. Spruth, Instructor.....	33	778 00
10. Diana L. Westgate, Instructor.....	33	723 00
11. Ingrid K. Welch, Instructor.....	33	645 00
		(15 416 00)
History		
1. Robert V. Remini, Professor and Chairman.....	67	\$ 4 889 00
2. William R. Taylor, Visiting Professor.....	100	6 334 00
3. Theodore Thayer, Visiting Professor.....	100	6 000 00
4. Margaret Y. George, Associate Professor.....	100	3 400 00
5. Bentley Gilbert, Associate Professor.....	100	5 000 00
6. Gerald Danzer, Assistant Professor.....	100	3 334 00
7. Ronald Legon, Assistant Professor.....	50	1 884 00
8. Karl A. Schleunes, Assistant Professor.....	100	3 334 00
9. C. David Tompkins, Assistant Professor.....	100	3 234 00
10. Pinkney C. Smith, Instructor.....	50	1 734 00
11. 3.5 FTE Assistants.....	350	6 419 00
		(45 562 00)
Mathematics		
1. Joseph Landin, Professor and Head.....	50	\$ 3 667 00
2. Herbert J. Curtis, Professor.....	50	2 534 00
3. Irwin K. Feinstein, Professor.....	100	4 634 00
4. Louis L. Pennisi, Professor.....	100	4 600 00
5. _____, Professor.....	100	4 500 00
6. Norman Hamilton, Associate Professor.....	100	4 567 00
7. Kenneth H. Murphy, Associate Professor.....	100	3 467 00
8. Michael V. Burmester, Visiting Assistant Professor.....	100	3 334 00
9. James A. Donaldson, Assistant Professor.....	100	3 200 00

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
10. Louis I. Gordon, Assistant Professor.....	100	3 134 00
11. Melvin L. Heard, Assistant Professor.....	100	3 167 00
12. Roger G. Hill, Assistant Professor.....	100	3 150 00
13. Richard G. Larson, Assistant Professor.....	100	3 334 00
14. Sim Lasher, Assistant Professor.....	100	3 067 00
15. Arthur T. Pu, Assistant Professor.....	50	1 684 00
16. Yoram Sagher, Assistant Professor.....	100	3 100 00
17. N. C. Scholomiti, Assistant Professor.....	100	3 000 00
18. David M. Segal, Assistant Professor.....	100	3 000 00
19. Alexander Zabrodsky, Assistant Professor.....	100	3 167 00
20. Leo F. Ziomek, Assistant Professor.....	100	2 967 00
21. Winifred Berglund, Instructor.....	100	2 884 00
22. Helen W. Sears, Instructor.....	100	2 734 00
23. Rosemary F. Wiley, Instructor.....	100	2 634 00
24. Zia-E-Khursheed, Instructor.....	100	2 067 00
25. _____, Instructor.....	100	2 600 00
26. 3.30 FTE Assistants.....	330	5 564 00
		(85 756 00)
Music		
1. Milan R. Kaderavek, Instructor and Acting Head.....	67	\$ 2 334 00
2. William M Kaplan, Assistant Professor.....	67	2 112 00
3. Euana Gangware, Instructor.....	50	1 400 00
		(5 846 00)
Philosophy		
1. Ruth B. Marcus, Professor and Head.....	50	\$ 3 167 00
2. Arnold Levison, Associate Professor.....	100	4 234 00
3. Rudolf Grewe, Assistant Professor.....	100	3 617 00
4. _____, Visiting Assistant Professor.....	50	1 900 00
5. Arthur Weintraub, Instructor.....	100	3 167 00
6. 2.5 FTE Assistants.....	250	4 045 00
		(20 130 00)
Physics		
1. S. Sundaram, Professor and Acting Head.....	100	\$ 6 100 00
2. Seymour Bernstein, Professor.....	50	3 467 00
3. Edward B. McNeil, Professor.....	50	2 884 00
4. H. B. Weissman, Professor.....	50	2 334 00
5. William J. Otting, Associate Professor.....	50	2 467 00
6. Larry L. Abels, Assistant Professor.....	50	1 767 00
7. Stanley Aks, Assistant Professor.....	67	2 489 00
8. Howard S. Goldberg, Assistant Professor.....	67	2 400 00
9. Gloria A. Hoff, Assistant Professor.....	100	3 500 00
10. Seymour Margulies, Assistant Professor.....	50	1 950 00
11. Fishel E. Moraine, Assistant Professor.....	100	3 434 00
12. Julius Solomon, Assistant Professor.....	67	2 400 00
		(35 192 00)
Political Science		
1. Hollis W. Barber, Professor and Head.....	100	\$ 5 900 00
2. Twiley W. Barker, Jr., Professor.....	100	5 000 00
3. Boyd R. Keenan, Professor.....	100	5 667 00
4. Leonard E. Goodall, Associate Professor.....	50	2 250 00
5. Milton Rakove, Associate Professor.....	100	4 000 00
6. Kaye M. Miller, Instructor.....	50	1 500 00
		(24 317 00)
Psychology		
1. I. E. Farber, Professor and Head.....	83	\$ 5 973 00
2. Philip Ash, Professor.....	100	6 000 00
3. William H. Bogartz, Visiting Associate Professor.....	100	4 067 00
4. Roger Dominowski, Assistant Professor.....	100	3 417 00
5. Philip E. Freedman, Assistant Professor.....	100	3 500 00
6. Alexander J. Rosen, Assistant Professor.....	100	3 667 00
7. 2.50 FTE Assistants.....	250	4 000 00
		(30 624 00)

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
Sociology		
1. Robert L. Hall, Professor and Head.....	50	\$ 3 084 00
2. _____, Associate Professor.....	100	4 200 00
3. John W. Martin, Assistant Professor.....	100	3 667 00
4. Ronald VanderKooi, Assistant Professor.....	67	2 223 00
5. Ozzie Edwards, Assistant Professor.....	100	3 267 00
6. 1.50 FTE Assistants.....	150	2 700 00
		(19 141 00)
Spanish		
1. James D. Compton, Assistant Professor and Acting Head.....	100	\$ 3 567 00
2. Jose Sanchez, Professor.....	100	5 034 00
3. E. Betoret-Paris, Associate Professor.....	100	4 034 00
4. Battista J. Galassi, Assistant Professor.....	67	1 912 00
5. Judith A. Chandran, Instructor.....	100	2 367 00
		(16 914 00)
Speech and Theatre		
1. R. Victor Harnack, Professor and Head.....	50	\$ 2 917 00
2. Donald H. Dickinson, Professor.....	100	4 734 00
3. Carl A. Pitt, Professor.....	100	4 400 00
4. Chester C. Long, Associate Professor.....	100	4 334 00
5. Helen J. Hovde, Assistant Professor.....	100	3 200 00
		(19 585 00)
Division of Physical Education		
1. Charles Kristufek, Associate Professor.....	33	\$ 1 284 00
2. Wilma J. Pesavento, Associate Professor.....	50	1 917 00
3. Thomas F. Russo, Assistant Professor.....	50	1 084 00
4. Robert W. Danner, Instructor.....	50	959 00
5. Ralph W. Mackh, Instructor.....	50	1 000 00
6. Michael B. McGovern, Instructor.....	50	934 00
7. Mary McQuiety, Instructor.....	100	2 484 00
8. John C. Persons, Instructor.....	50	975 00
9. Leon F. Pickens, Instructor.....	50	975 00
10. 2.5 FTE Assistants.....	250	5 000 00
		(16 612 00)
Jane Addams Graduate School of Social Work		
1. _____, Associate Professor.....	100	\$ 4 000 00
		(4 000 00)

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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; P— indefinite term appointment for part-time service only; B— two years; D— one year; E— nine months from the beginning of the academic year; G— special tenure; Q— initial term appointment for Professor or Associate Professor; Y— twelve months' service required instead of two semesters; 1-7— indicates the number of years of service which will be credited at the end of the contract period toward completion of the probationary period relating to tenure.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

Urbana-Champaign

1. JOHN L. BRITTON, Visiting Professor of Mathematics, for the period from February 1, 1968, through March 31, 1968 (G), at a salary of \$4,000.
2. GLENN E. HALL, Assistant Professor of Agricultural Engineering, beginning February 1, 1968 (1Y), at an annual salary of \$15,000.
3. P. LAL, Visiting Professor of Comparative Literature, in the Center for Asian Studies, for the period from February 1, 1968, through June 15, 1968 (E), at a salary of \$7,000.

4. NELSON R. NUNNALLY, Assistant Professor of Geography, beginning September 1, 1968 (1), at an annual salary of \$13,000.
5. WILLIAM J. REILLY, Visiting Professor in the Institute of Labor and Industrial Relations, on one-fourth time, for the second semester 1967-68 (E25), at a salary of \$3,800.
6. ROBERT A. VAN KLUYVE, Visiting Assistant Professor of English, for the second semester 1967-68 (E), at a salary of \$6,700.

On motion of Mr. Grimes, these appointments were confirmed.

DEANSHIP OF THE COLLEGE OF EDUCATION, CHICAGO CIRCLE

(3) I recommend the appointment of Dr. David Canning Epperson, presently Associate Professor of Higher Education and Associate Provost of the University of Illinois, as Professor of Education on indefinite tenure and Dean of the College of Education at Chicago Circle beginning April 1, 1968, at an annual salary of \$25,000 on a twelve months' service basis. The appointment as Dean will be from April 1, 1968, through August 31, 1969, which is consistent with the statutory provision of biennial tenure of deans, such appointments usually coinciding with the fiscal biennium.

The recommendation is based upon a report from a special committee¹ and after consultation with the Dean of Faculties and Executive Committee of the College of Education.

On motion of Mr. Jones, this appointment was approved.

APPOINTMENTS TO THE CENTER FOR ADVANCED STUDY

(4) Upon recommendation of the Policy Committee of the Center for Advanced Study, and with the concurrence of the Dean of the Graduate College and the Executive Vice-President and Provost, I submit the following nominations for appointments of Associates in the Center for Advanced Study during the academic year 1968-69 and for the program of research or study as indicated in each case.

Chicago Circle

- NORMAN BLACKBURN, Professor of Mathematics, for two quarters, to carry on research related to the study of nilpotent groups and to participate in the Conference on Group Theory (University of Chicago, 1968-69).
- PAUL FONG, Associate Professor of Mathematics, for two quarters, for research on finite groups, in particular, simple groups; and to participate in the Conference on Group Theory (University of Chicago, 1968-69).
- NOBURO ITO, Professor of Mathematics, for two quarters, to investigate classes of doubly transitive permutation groups, and to participate in the Conference on Group Theory (University of Chicago, 1968-69).
- RUTH B. MARCUS, Professor and Head of the Department of Philosophy, for one quarter, to continue her philosophical inquiry into the nature of essentialism.
- JAN ROCEK, Professor of Chemistry, for two quarters, to pursue his studies of the mechanisms of the oxidation of organic compounds.

Urbana-Champaign

- LLOYD E. BERRY, Professor of English, for the second semester, to continue his research on an edition of the complete works of Sir Thomas Elyot.
- EDWARD H. BETTS, Professor of Art, for one semester, to continue creative work in the field of painting.
- DAVID J. BORDUA, Professor of Sociology, for the academic year, to continue his research on several interrelated projects concerning police organization and operations.
- DONALD L. BURKHOLDER, Professor of Mathematics, for the academic year, to pursue his studies in martingale and ergodic theories and related areas of probability theory and analysis.
- JOHN CAGE, Visiting Professor in the School of Music and Associate in the Center for Advanced Study 1967-68, for the academic year, to produce a musical composition utilizing the facilities of the electronic music studio.

¹ W. L. Garrison, Director of the Center for Urban Studies, Chairman; Eliezer Krumbein, Associate Professor of Education; George E. Miller, M.D., Professor of Medicine and Director of Research in Medical Education at the Medical Center; Mrs. Wilma J. Pesavento, Associate Professor and Head of the Department of Physical Education for Women; Robert V. Remini, Professor and Chairman of the Department of History.

- DANIEL CURLEY, Professor of English, for the academic year, to continue his work in the field of creative writing.
- JAMES DOUGLAS, George A. Miller Professor in the Department of Political Science and Visiting Associate, for the academic year, to analyze the dynamics of the two-party system in Britain and to relate the analysis to the mainstream of current political theory.
- JOHN L. HELLER, Professor of the Classics, for the second semester, to complete an index and bibliography interpreting the zoological abbreviations in the tenth and twelfth editions of Linnaeus' *Systema naturae*.
- LLOYD G. HUMPHREYS, Professor and Head of the Department of Psychology and Professor of Educational Psychology, for one semester, to continue his research in the area of factor analysis and to complete the first of several volumes on the nature of intelligence.
- ROBERT W. JOHANNSEN, Professor of History, for the first semester, to complete his biography of Stephen A. Douglas.
- FRANCOIS JOST, Professor of French and Chairman of Program on Comparative Literature, for the academic year, to continue his study of the theory and technique of the novel in its international context.
- RUDDOLPH A. MARCUS, Professor of Physical Chemistry in the Department of Chemistry and Chemical Engineering, for the academic year, to pursue research in the field of theoretical chemical kinetics.
- RAJ MITTRA, Professor of Electrical Engineering, for the academic year, to continue research in the field of electromagnetic wave propagation and related areas.
- STEPHEN J. Y. TANG, Professor of Architectural Engineering in the Department of Architecture, for the academic year, to further his study of the problems of integrating the structural, mechanical, electrical, and environmental requirements in contemporary building complexes.

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

UNDERGRADUATE INSTRUCTIONAL AWARDS FOR THE SUMMER OF 1968

(5) To encourage faculty interest in the systematic improvement in the quality of undergraduate instruction, the program of Undergraduate Instructional Awards is being proposed for continuation during the summer of 1968. The awards provide a full-time salary for two months (two-ninths of the academic year salary) plus required incidental expenses.

Chicago Circle

The Dean of Faculties, through the deans and directors, invited faculty members to submit applications with complete descriptions of the work proposed. After approval by heads of departments and review by the deans of the colleges and their committees, sixteen applications were submitted with priorities indicated. A special committee evaluated the proposals and recommended for support those believed to hold most promise of benefit to undergraduate instruction.

In the light of the review of the proposals, the Dean of Faculties recommends, with the Chancellor's concurrence, that full-time appointments for two months during the summer of 1968, at current salary rates, be authorized for the following faculty members (total of eight involving six proposals):

	Salary	Expenses
Larry L. Abels, Assistant Professor of Physics.....	\$ 2 356 00	
Edna S. Epstein, Assistant Professor of French.....	1 934 00	
George Huppert, Assistant Professor of History.....	2 556 00	
David S. Hacker, Associate Professor of Energy Engineering.....	3 156 00	
Chaim Gutfinger, Associate Professor of Energy Engineering.....	2 778 00	
Thomas M. Mulcahy, Assistant Professor of Engineering Mechanics.....	2 256 00	\$ 400 00
James F. Niss, Assistant Professor of Economics.....	2 534 00	500 00
Karl A. Schleunes, Assistant Professor of History....	2 223 00	
	(\$19 793 00)	(\$ 900 00)

Urbana-Champaign

The Vice-Chancellor for Academic Affairs invited faculty members to submit applications with complete descriptions of the work proposed. After approval by heads of departments and review by the deans of the colleges and their committees, thirty-five applications were submitted. A special committee evaluated the proposals and recommended support for those which the committee believed to be most meritorious and to promise the greatest potential benefits to undergraduate instruction.

Based on the review of the proposals, the Vice-Chancellor for Academic Affairs recommends, with the Chancellor's concurrence, that full-time appointments for two months during the summer of 1968 at current salary rates be authorized for the following faculty members (total of fifteen individuals for twelve projects):

	<i>Salary</i>	<i>Expenses</i>
Nicholas Britsky, Professor of Art.....	\$ 3 334 00	
Claude A. Winkelhake, Associate Professor of Architecture.....	2 834 00	\$ 100 00
Ambrose W. Burger, Professor of Agronomy.....	(1)	
Burns R. Sabey, Associate Professor of Soil Microbiology in Agronomy.....	(1)	600 00
Rasio Dunatov, Assistant Professor of Russian.....	2 112 00	
Thaddeus M. Elsesser, Associate Professor of Theoretical and Applied Mechanics.....	2 445 00	900 00
Harry R. Wetenkamp, Professor of Theoretical and Applied Mechanics.....	3 223 00	
David M. Gardner, Assistant Professor of Marketing..	2 556 00	555 00
Gilbert P. Haight, Jr., Professor of Chemistry.....	4 489 00	8 422 00
George H. Kieffer, Assistant Professor of Zoology in the Division of General Studies and in Life Sciences.....	2 445 00	8 269 00
Charles B. Looker, Jr., Professor of Architecture.....	3 200 00	
William E. Montague, Associate Professor of Psychology and in Computer-Based Education Research Laboratory.....	2 645 00	3 356 00
Frank A. Morrison, Jr., Assistant Professor of Mechanical Engineering.....	2 445 00	200 00
Thomas A. Murrell, Associate Professor of Electrical Engineering and in Computer Science.....	3 023 00	
John T. Pfeffer, Associate Professor of Sanitary Engineering.....	2 778 00	
	(\$37 529 00)	(\$22 402 00)
	<u>\$57 322 00</u>	<u>\$23 302 00</u>

Through a grant from Standard Oil (Indiana) Foundation, Special Awards of \$1,000 each will be made to those individuals whose completed projects are judged to be the most outstanding in terms of probable contribution to undergraduate education. The nominees for these Special Awards will be selected on the basis of final reports submitted following the end of the summer session, and recommendations will be submitted to the Board for approval.

The Executive Vice-President and Provost endorses these recommendations and further recommends that funds for these awards and associated expenses be assigned from the General Reserve at the respective campuses.

I concur.

On motion of Mr. Hughes, these recommendations were approved and the requested assignments of funds were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

¹ Without additional salary since presently on year-round service. An amount of \$7,579 (the two-month salaries of Messrs. Burger and Sabey) is being transferred to the salary budget of the College of Agriculture to cover replacement of their services.

SABBATICAL LEAVES OF ABSENCE, 1968-69

(6) It is recommended that the following members of the faculty be given sabbatical leaves of absence during the academic year 1968-69 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 leaves are requested have been examined by the University Research Board, which advises the President in such matters, and by the Executive Vice-President and Provost, who also recommends approval.

CHICAGO CIRCLE**College of Architecture and Art***Department of Architecture*

JON L. LILJEQUIST, Assistant Professor of Engineering in Architecture, fall and winter quarters 1968-69, three-fourths pay.

Department of Art

RICHARD KOPPE, Professor of Art, fall quarter 1968-69, full pay.

MARTIN HURTIG, Associate Professor of Art, academic year 1968-69, one-half pay.

College of Liberal Arts and Sciences*Department of Chemistry*

ROBERT L. MILLER, Associate Dean of the College of Liberal Arts and Sciences and Associate Professor of Chemistry, six months from July 1, 1968, full pay.

Department of English

IRVING D. BLUM, Associate Professor of English, spring quarter 1968-69, full pay.

WILLIS CLIFFORD JACKMAN, Assistant Professor of English and Acting Associate Dean of the College of Liberal Arts and Sciences, fall and winter quarters 1968-69, three-fourths pay.

WILLIE N. LOVE, Assistant Professor of English, winter quarter 1968-69, full pay.

PATRICIA ANN MCFATE, Assistant Professor of English and Assistant Dean of the College of Liberal Arts and Sciences, fall and winter quarters 1968-69, one-half pay.

JAMES B. STRONKS, Professor of English, winter and spring quarters 1968-69, three-fourths pay.

MAURITA F. WILLETT, Assistant Professor of English, winter quarter 1968-69, full pay.

Department of French

MARIE E. LEIN, Associate Professor of French, spring quarter 1968-69, full pay.

Department of History

CAROLYN A. EDIE, Associate Professor of History, winter and spring quarters 1968-69, three-fourths pay.

STANLEY L. JONES, Professor of History, winter and spring quarters 1968-69, three-fourths pay.

Department of Mathematics

RUTH M. BALLARD, Assistant Professor of Mathematics, academic year 1968-69, one-half pay.

Department of Philosophy

RUTH BARCAN MARCUS, Professor and Head of the Department of Philosophy, fall quarter 1968-69, full pay.

IRVING THALBERG, Associate Professor of Philosophy, winter quarter 1968-69, full pay.

Department of Physics

LESTER WINSBERG, Professor of Physics, fall and winter quarters 1968-69, one-half pay.

Department of Political Science

TWILEY W. BARKER, JR., Professor of Political Science, spring quarter 1968-69, full pay.

MILTON RAKOVE, Associate Professor of Political Science, winter quarter 1968-69, full pay.

Department of Spanish

JOSE SÁNCHEZ, Professor of Spanish, winter quarter 1968-69, full pay.

Department of Speech and Theatre

R. VICTOR HARNACK, Professor and Head of the Department of Speech and Theatre, spring quarter 1968-69, full pay.

HELEN JANET HOVDE, Assistant Professor of Speech, winter quarter 1968-69, full pay.

CARL ALLEN PITT, Professor of Speech, winter quarter 1968-69, full pay.

Library

MARIE A. RAPP, Circulation Librarian with rank of Associate Professor, six months from October 1, 1968, full pay.

School of Physical Education*Department of Physical Education for Women*

WILMA J. PESAVENTO, Associate Professor and Head of the Department of Physical Education for Women, academic year 1968-69, half pay.

MEDICAL CENTER**College of Dentistry***Department of Histology*

ROY JAMES GILLETTE, Professor, one year from September 1, 1968, one-half pay.

College of Medicine*Department of Anatomy*

ARTHUR LAVELLE, Professor of Anatomy, one year from September 1, 1968, one-half pay.

Department of Biological Chemistry

RALPH H. KATHAN, Assistant Professor of Biological Chemistry, three months from January 6, 1969, full pay.

Department of Dermatology

BRIAN POTTER, Associate Professor of Dermatology, six months from January 1, 1969, full pay.

Department of Medicine

GEORGE GEE JACKSON, Professor of Medicine, one year from September 1, 1968, one-half pay; leave contingent upon receipt of supplementary financial aid.

Department of Microbiology

MILAN VACLAV NOVAK, Professor of Microbiology and Associate Dean of the Graduate College, three months from January 1, 1969, and possibly three months during 1969-70, full pay.

Department of Pathology

HUBERT R. CATCHPOLE, Research Professor of Pathology, six months from September 15, 1968, full pay.

ELIE P. LEROY, Professor of Pathology and Pathologist in the Research and Educational Hospitals, six months from September 15, 1968, full pay.

Department of Pediatrics

CHARLES F. ABILDGAARD, Associate Professor of Pediatrics, one year from July 1, 1968, one-half pay, or six months from July 1, 1968, full pay; one-year leave contingent upon receipt of supplementary financial aid.

Department of Pharmacology

BERNARD P. SALAFSKY, Assistant Professor of Pharmacology, fall and winter quarters 1968-69, one-half pay.

MARTIN P. SCHULMAN, Professor of Pharmacology, one year from September 1, 1968, one-half pay, or six months beginning September 1, 1968, full pay; full-year leave contingent upon receipt of supplementary financial aid.

Department of Psychiatry

ROSALIND D. CARTWRIGHT, Professor of Psychology in the Department of Psychiatry, six months from April 1, 1968, full pay.

Department of Chemistry **College of Pharmacy**

ALFRED J. PERKINS, Professor of Chemistry, first semester 1968-69, full pay.

URBANA

College of Agriculture

Department of Agricultural Economics

STEPHEN C. SCHMIDT, Associate Professor of Agricultural Marketing and Policy in Agricultural Economics, ten months from September 1, 1968, one-half pay.

EARL R. SWANSON, Professor of Farm Management Production Economics and Associate Head of the Department of Agricultural Economics, six months from July 1, 1968, full pay.

DELMAR F. WILKEN, Associate Professor of Farm Management Extension in Agricultural Economics, six months from June 1, 1968, full pay.

Department of Agricultural Engineering

ROLAND F. ESPENSCHIED, Assistant Professor of Agricultural Engineering and of Vocational Agriculture, one year from September 1, 1968, one-half pay.

DONNELL R. HUNT, Associate Professor of Agricultural Engineering, one year from September 1, 1968, one-half pay; leave contingent upon receipt of supplementary financial aid.

Department of Agronomy

SAMUEL G. CARMER, Associate Professor of Biometry in Agronomy, six months beginning September 1, 1968, full pay.

LESTER T. KURTZ, Professor of Soil Fertility in Agronomy, six months from September 15, 1968, full pay.

Department of Dairy Science

CHARLES N. GRAVES, Assistant Professor of Physiology in Dairy Science, one year from September 1, 1968, one-half pay.

Department of Food Science

REID T. MILNER, Professor and Head of the Department of Food Science, six months beginning March 1, 1969, full pay.

Department of Horticulture

CHARLES YESBRA ARNOLD, Professor of Vegetable Crops in Horticulture, six months from February 1, 1969, full pay.

JACKIE DEAN BUTLER, Assistant Professor of Turf Extension in Horticulture, six months beginning September 1, 1968, full pay.

THOMAS K. HODGES, Assistant Professor of Plant Physiology in Horticulture, six months from January 1, 1969, full pay.

College of Commerce and Business Administration

Department of Accountancy

ROBERT I. DICKEY, Professor of Accountancy, second semester 1968-69, full pay.

Bureau of Economic and Business Research

HERBERT I. SCHILLER, Research Professor in the Bureau of Economic and Business Research, six months beginning February 1, 1969, full pay.

Department of Economics

JOHN F. DUE, Professor of Economics, first semester 1968-69, full pay.

ROBERT W. HARBESON, McKinley Professor of Economics and Public Utilities, second semester 1968-69, full pay.

DONALD W. PADEN, Professor of Economics, academic year 1968-69, one-half pay.

JOHN B. PARRISH, Professor of Economics, first semester 1968-69, one-half pay.

Department of Finance

JAMES W. LEONARD, Associate Professor of Finance, first semester 1968-69, full pay.

College of Education

Department of Educational Psychology

NORMAN E. GRONLUND, Professor of Educational Psychology, second semester 1968-69, full pay.

Department of Secondary and Continuing Education

R. WILL BURNETT, Professor of Secondary and Continuing Education and Chairman of the Department, six months beginning February 1, 1969, full pay.

RICHARD COLWELL, Associate Professor of Secondary and Continuing Education and of Music, and Counselor in Teacher Education, first semester 1968-69, full pay.

ORRIN E. GOULD, Associate Professor of Secondary and Continuing Education, first semester 1968-69, full pay.

GILBERT C. KETTELKAMP, Professor of Secondary and Continuing Education, six months beginning September 1, 1968, full pay.

ROBERT E. PINGRY, Professor of Secondary and Continuing Education, first semester 1968-69, full pay.

Department of Special Education

LAURA J. JORDAN, Associate Professor of Special Education and in the Institute for Research on Exceptional Children, second semester 1968-69, full pay.

Institute for Research on Exceptional Children

STEPHEN P. QUIGLEY, Professor of Special Education and in the Institute for Research on Exceptional Children, semester I, full pay.

College of Engineering

Department of Ceramic Engineering

RALPH L. COOK, Professor of Ceramic Engineering, second semester 1968-69, full pay.

Coordinated Science Laboratory

BRUCE L. HICKS, Professor of Aeronautical and Astronautical Engineering and Research Professor in the Coordinated Science Laboratory and in the Computer-Based Education Research Laboratory, six months beginning September 1, 1968, full pay.

Department of Electrical Engineering

FLOYD DUNN, Professor of Electrical Engineering and of Biophysics (College of Liberal Arts and Sciences), academic year 1968-69, one-half pay.

JOHN D. DYSON, Professor of Electrical Engineering, semester II 1968-69, full pay.

PAUL WILLIAM KLOCK, Associate Professor of Electrical Engineering, second semester 1968-69, full pay.

Department of Mining, Metallurgy, and Petroleum Engineering

CARL J. ALTSTETTER, Associate Professor of Physical Metallurgy, first semester 1968-69, full pay.

MARVIN METZGER, Professor of Physical Metallurgy, second semester 1968-69, full pay; leave contingent upon receipt of supplementary financial aid.

C. MARVIN WAYMAN, Professor of Metallurgical Engineering, second semester 1968-69, full pay.

Department of Physics

ALEXANDER ABASHIAN, Professor of Physics, semester II 1968-69, full pay.

GIULIO ASCOLI, Professor of Physics, first semester 1968-69, full pay.

JOHN BARDEEN, Professor of Physics and of Electrical Engineering and in the Center for Advanced Study, second semester 1968-69, full pay.

MORTON K. BRUSSEL, Associate Professor of Physics, academic year 1968-69, one-half pay.

MILES V. KLEIN, Associate Professor of Physics, first semester 1968-69, full pay.

DAVID LAZARUS, Professor of Physics, academic year 1968-69, one-half pay.

MANFRED J. RAETHER, Professor of Physics and Research Professor in the Coordinated Science Laboratory, first semester 1968-69, full pay.

HARVEY J. STAPLETON, Associate Professor of Physics, first semester 1968-69, full pay.

DAVID C. SUTTON, Assistant Professor of Physics, academic year 1968-69, one-half pay.

Department of Theoretical and Applied Mechanics

JO DEAN MORROW, Professor of Theoretical and Applied Mechanics, second semester 1968-69, full pay.

JAMES OHEA SMITH, Professor of Theoretical and Applied Mechanics, second semester 1968-69, full pay.

College of Fine and Applied Arts

Department of Architecture

ALAN K. LAING, Professor of Architecture, second semester 1968-69, full pay.

FREDERIC DERR MOYER, Assistant Professor of Architecture and in the Curriculum Laboratory, academic year 1968-69, one-half pay, or second semester, full pay; full-year leave contingent upon receipt of supplementary financial aid.

Department of Art

EDWARD H. BETTS, Professor of Art, second semester 1968-69, full pay.

PETER BODNAR, Associate Professor of Art, academic year 1968-69, one-half pay.

FRANK E. GUNTER, Assistant Professor of Art, first semester 1968-69, full pay.

WALTER M. JOHNSON, Professor of Art, College of Fine and Applied Arts, and Head of Extension in Visual Arts, Division of University Extension, six months beginning February 1, 1969, full pay.

RAYMOND PERLMAN, Professor of Art, second semester 1968-69, full pay.

EDWIN C. RAE, Professor of Art, academic year 1968-69, one-half pay.

Department of Landscape Architecture

WILLIAM G. CARNES, Professor of Landscape Architecture and Chairman of Department, second semester 1968-69, full pay.

School of Music

DOROTHY EVELYN CLARK, Professor of Music and Counselor in the Student Counseling Service, first semester 1968-69, full pay.

ERIC LIONEL DALHEIM, Assistant Professor of Music, academic year 1968-69, one-half pay.

CHARLES DELANEY, Professor of Music, second semester 1968-69, full pay.

PETER SNOW FARRELL, Professor of Music, second semester 1968-69, full pay.

HOWARD KARP, Associate Professor of Music, academic year 1968-69, one-half pay.

CHARLES LEONHARD, Professor of Music, second-semester 1968-69, full pay.

BRUNO NETTL, Professor of Music, first semester 1968-69, one-half pay; leave contingent upon receipt of supplementary financial aid.

EVELYN REYNOLDS, Assistant Professor of Music, first semester 1968-69, one-half pay.

ROBERT BARTON SMITH, Associate Professor of Music and of Home Economics, second semester 1968-69, full pay.

College of Journalism and Communications

Department of Journalism

JOHN H. SCHACHT, Associate Professor of Journalism, second semester 1968-69, full pay.

Institute of Labor and Industrial Relations

MILTON DERBER, Professor of Labor and Industrial Relations, six months from September 15, 1968, full pay.

College of Liberal Arts and Sciences

Department of Anthropology

EDWARD M. BRUNER, Professor and Head of the Department of Anthropology, second semester 1968-69, full pay.

Department of Botany

ZANE B. CAROTHERS, Associate Professor of Botany, second semester 1968-69, full pay.

LARRY RONALD HOFFMAN, Assistant Professor of Botany, second semester 1968-69, full pay.

TOMMY L. PHILLIPS, Associate Professor of Botany, second semester 1968-69, full pay.

Department of Chemistry and Chemical Engineering

PETER BEAK, Associate Professor of Chemistry, first semester 1968-69, full pay.

HERBERT A. LAITINEN, Professor of Chemistry, second semester 1968-69, full pay.

ROGER A. SCHMITZ, Associate Professor of Chemical Engineering, academic year 1968-69, one-half pay, or first semester, full pay.

Department of Classics

MARK NAOUMIDES, Associate Professor of Classics, first semester 1968-69, full pay.

REVILO PENDLETON OLIVER, Professor of Classics, second semester 1968-69, full pay.

ALEXANDER TURYN, Professor of Classics and in the Center for Advanced Study, first semester 1968-69, full pay.

Department of English

HOWARD CHANDLER COLE, Assistant Professor of English, first semester 1968-69, full pay.

NUEL PHARR DAVIS, Assistant Professor of English, academic year 1968-69, one-half pay.

AARON GREEN, Associate Professor of English and in the Institute of Labor and Industrial Relations, first semester 1968-69, full pay.

U. MILO KAUFMANN, Associate Professor of English, second semester 1968-69, full pay.

RICHARD J. LOFTUS, Associate Professor of English and in the Division of General Studies, second semester 1968-69, full pay.

JOHN KERKER QUINN, Associate Professor of English, second semester 1968-69, full pay.

ROBERT L. SCHNEIDER, Associate Professor of English and Assistant Director of University Honors Programs, one year beginning September 1, 1968, one-half pay.

ARTHUR L. SCOTT, Associate Professor of English, first semester 1968-69, one-half pay.

CHARLES H. SHATTUCK, Professor of English, academic year 1968-69, one-half pay.

GARDINER STILLWELL, Associate Professor of English, first semester 1968-69, full pay.

HARRIS W. WILSON, Professor of English, first semester 1968-69, full pay.

Department of Entomology

WILLIAM R. HORSFALL, Professor of Entomology, first semester 1968-69, full pay.

JUDITH H. WILLIS, Assistant Professor of Entomology, academic year 1968-69, one-half pay.

Department of French

PAUL BARRETTE, Associate Professor of French, academic year 1968-69, one-half pay.

FRANCIS W. NACHTMANN, Professor of French and Executive Secretary of the Department, first semester 1968-69, full pay.

Department of Geography

JOSEPH A. RUSSELL, Professor of Geography, first semester 1968-69, full pay.

Department of Geology

DONALD M. HENDERSON, Associate Professor of Geology, second semester 1968-69, full pay.

RALPH LOUIS LANGENHEIM, JR., Professor of Geology, second semester 1968-69, full pay.

Department of Germanic Languages and Literatures

RUTH E. LORBE, Associate Professor of German and Counselor in Teacher Education, first semester 1968-69, full pay.

FRANCIS J. NOCK, Associate Professor of German, first semester 1968-69, full pay.

Department of History

J. ALDEN NICHOLS, Professor of History, first semester 1968-69, full pay.

Department of Mathematics

JAMES W. ARMSTRONG, Assistant Professor of Mathematics, first semester 1968-69, full pay.

ROBERT G. BARTLE, Professor of Mathematics, first semester or second semester 1968-69, full pay.

MARY-ELIZABETH HAMSTROM, Professor of Mathematics, first semester 1968-69, full pay.

ANTHONY LOUIS PERESSINI, Associate Professor of Mathematics, first semester 1968-69, full pay; leave contingent upon receipt of supplementary financial aid.

M. RAJAGOPALAN, Associate Professor of Mathematics, first semester 1968-69, one-half pay.

NEAL J. ROTHMAN, Associate Professor of Mathematics, first semester 1968-69, full pay.

JOHN EDWIN WETZEL, Assistant Professor of Mathematics, second semester 1968-69, full pay.

Department of Philosophy

JAMES D. WALLACE, Assistant Professor of Philosophy, first semester 1968-69, full pay.

FREDERICK L. WILL, Professor of Philosophy, first semester 1968-69, full pay.

Department of Physiology and Biophysics

JOHN S. WILLIS, Associate Professor of Physiology, first semester 1968-69, full pay.

Department of Political Science

JERRY HOUGH, Associate Professor of Political Science, first semester 1968-69, full pay.

Department of Psychology

FRANK COSTIN, Professor of Psychology, first semester 1968-69, full pay.

CHARLES L. HULIN, Associate Professor of Psychology and in the Institute of Labor and Industrial Relations, five months beginning September 1, 1968, full pay.

LLOYD G. HUMPHREYS, Professor and Head of the Department of Psychology, first semester 1968-69, full pay.

O. HOBART MOWRER, Research Professor of Psychology, second semester 1968-69, full pay.

DONALD R. PETERSON, Professor of Psychology in charge of the Psychological Clinic, six months beginning February 1, 1969, full pay.

IVAN D. STEINER, Professor of Psychology, second semester 1968-69, full pay.

JERRY S. WIGGINS, Professor of Psychology, first semester 1968-69, full pay.

Department of Slavic Languages and Literatures

STEVEN PHILLIPS HILL, Assistant Professor of Russian, academic year 1968-69, one-half pay.

Department of Spanish, Italian, and Portuguese

SPURGEON WHITFIELD BALDWIN, JR., Associate Professor of Spanish, first semester 1968-69, full pay.

DAVID RALPH HERSHBERG, Assistant Professor of Spanish, second semester 1968-69, one-half pay.

Department of Speech

KING W. BROADRICK, Associate Professor of Speech and Assistant Dean of Liberal Arts and Sciences, second semester 1968-69, full pay.

JOHN J. O'NEILL, Professor of Speech, Director of Speech and Hearing Clinic, and Counselor in Teacher Education, six months beginning February 1, 1969, full pay.

ELAINE PADEN, Assistant Professor of Speech, academic year 1968-69, one-half pay.

Department of Zoology

DONALD F. HOFFMEISTER, Professor of Zoology and Director of the Museum of Natural History, six months beginning October 1, 1968, full pay.

PAUL H. SILVERMAN, Professor and Head of Department of Zoology, second semester 1968-69, full pay.

RAY L. WATTERSON, Professor of Zoology, academic year 1968-69, one-half pay.

Library*Library*

DMYTRO M. SHTOHRYN, Cataloger with rank of Assistant Professor in the Library, six months from August 1, 1968, full pay.

HELEN M. WELCH, Acquisition Librarian and Professor of Library Administration, six months from February 1, 1969, full pay.

MRS. WINIFRED LADLEY, Professor of Library Science, academic year 1968-69, one-half pay.

Jane Addams Graduate School of Social Work

LELA B. COSTIN, Associate Professor in the Jane Addams Graduate School of Social Work, academic year 1968-69, one-half pay.

W. PAUL SIMON, Professor and Assistant Director of the Jane Addams Graduate School of Social Work, Chicago Circle, six months beginning March 1, 1969, full pay.

College of Veterinary Medicine*Department of Veterinary Pathology and Hygiene*

WALTER L. MYERS, Associate Professor of Veterinary Pathology and Hygiene, six months beginning February 1, 1969, full pay.

On motion of Mr. Williamson, these leaves were granted as recommended.

DESIGNATION OF EMPLOYEES SUBJECT TO DISCLOSURE REQUIREMENTS OF PROVISIONAL CODE

(7) At the February 21, 1968, meeting of this Board, it was indicated that recommendations would be made concerning University employees to be designated by the Board to file written disclosures under Section 3A of the Provisional Code of Conduct, promulgated by the Board of Higher Education. The Code, issued under Article 5 of the Illinois Governmental Ethics Act (Senate Bill No. 506, Seventy-fifth General Assembly) and now in effect in its present form, was referred for study to Faculty Senates and nonacademic representatives on each campus at the February 21, 1968, meeting.

Therefore, I recommend that the Board of Trustees so designate the following employees:

Officers of the Board Who Are Employees of the University¹

Comptroller
Assistant Comptroller
Assistant Treasurer
Secretary
Assistant Secretary

General Officers of the University

President
Executive Vice-President and Provost
Vice-President and Comptroller

¹ The President of the Board, with the other Trustees, is subject to Article 4, Part 2 of the Act which provides that "Elected Officials in the Executive Department" shall file disclosure statements of "economic interest and relationships likely to create conflicts of interest" with the Board of Ethics created under the Act.

Vice-President
 Legal Counsel
 Secretary of the University
 Executive Assistant to the President
 University Director of Public Information
 University Director of Physical Plant Planning and Construction

Campus Officers

Chancellors
 Campus Directors of Business Affairs, Physical Plant, Admissions and Records

On motion of Mr. Grimes, this recommendation was approved.

**ESTABLISHMENT OF MUNICIPAL CLERK TRAINING INSTITUTE,
 URBANA**

(8) "An Act in relation to training institutes for municipal clerks," passed by the Seventy-fifth General Assembly and approved by the Governor, provides for the establishment by the Trustees of a Municipal Clerk Training Institute and the creation of a "Municipal Clerk Training Institute Committee composed of 3 municipal clerks designated by the Governor and 3 representatives of the University of Illinois designated by the Trustees thereof."

The Dean of the Division of University Extension, in consultation with the Dean of the College of Agriculture and the Dean of the College of Commerce and Business Administration, recommends as the University members of the Committee the following:¹

Professor NORMAN G. KRAUSZ, Department of Agricultural Economics, College of Agriculture

Associate Professor GERALD D. BRIGHTON, Department of Accountancy, College of Commerce and Business Administration

RICHARD L. ULRICH, Extension Specialist, Short Courses and Conferences, Division of University Extension

The Act provides that the members of the Committee serve at the pleasure of the appointing authority and without compensation. The Committee has the responsibility for development of a curriculum for the Municipal Clerk Training Institute which is required to offer a course of at least one week's duration for newly-elected or appointed municipal clerks and a refresher course of at least two days' duration.

The individuals recommended have agreed to serve if named.

The appointments have the endorsement of the Chancellor at the Urbana-Champaign campus and the Executive Vice-President and Provost.

I concur.

On motion of Mr. Hahn, this recommendation was approved.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(9) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in November, 1967, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

RONALD J. ABLUTON, North Riverside

RICHARD NEAL ABRAMS, Northbrook

EDWARD B. ADELMAN, Chicago

EDWARD ANDREW AHERN, Chicago

BENNETT MICHAEL ALBAN, Chicago

PAUL ALPERN, Chicago

HOWARD KEITH ALTER, Los Angeles,
 California

ANASTASIOS K. ANAGNOSTOPOULOS,
 Chicago

MELVIN TIER AUKAMP, Mount Prospect

DAN C. BECKER, Skokie

ALBERT DAVID BEEDIE, JR., Hinsdale

ROBERT LARSEN BEITH, Champaign

THOMAS LOUIS BENEDICT, Chicago

MARC ALAN BENJAMIN, Chicago

JEFFREY ALAN BERGER, Glenview

VICTOR ELMER BERNER, Norridge

KENNETH HAROLD BILLBURG, Chicago
 Heights

JOHN BLAZIS, JR., Springfield

JAMES RICHARD BOHN, Northbrook

WAYNE ROBERT BORKOWSKI, Harwood
 Heights

¹ Mrs. Henrietta Marjan, Palos Heights; Mrs. Talitha Gremmels, Steelville; and Mr. William F. Kumpf, Peoria, are the municipal clerks designated by Governor Kerner as members of the Committee.

LYLE MERVYN BOWER, River Grove
 GERARD JOHN BRITZ, Elmhurst
 JAMES JOSEPH BROAD, JR., Chicago
 RONALD SAMUEL BROWN, Chicago
 JEAN ARTHUR CALVERT, Aurora
 FRANK CANKO, Chicago
 JOHN JAMES CHAPUT, Chicago
 JON ANDREW CHARCKON, JR., Des
 Plaines
 DONALD ROY CLARK, Elmhurst
 BARRY COHEN, Skokie
 STANLEY COHEN, Skokie
 JEROME WILLARD CONLON, Chicago
 DALE ALFRED COOPER, Peoria
 WILLIAM JOSEPH COSCIONI, Park Ridge
 GEORGE JOSEPH COUPE, JR., Calumet City
 ROBERT BARRY CREMER, Des Plaines
 JULIUS HEINZ CROCKER, Peoria
 THOMAS LEO CULLITON, Chicago
 RONALD CUTLER, Skokie
 JERRY MORRIS DAILY, Western Springs
 PATRICK FRANCIS DALY, Chicago
 JOHN LOUIS DENTZER, Evanston
 JAMES DEAN DOERING, Arlington
 Heights
 JAMES LEE DORMAN, Glen Ellyn
 JOHN CHARLES DOUGLAS, Park Forest
 MELVIN LEE DRINKWINE, Northbrook
 STEPHEN JON DRYER, Berwyn
 ROBERT VINCENT DUCKWORTH, Mt.
 Prospect
 GERALD FRANCIS DUNKLAU, Chicago
 ELMER RAYMOND EDMAN III, La
 Grange Park
 ORVIS EUGENE EGENES, Oak Park
 DENNIS JON EIKE, Park Forest
 GERRY POST EININK, Chicago
 ROBERT WILLIAM ERLANDSON, Dundee
 PAUL WILLIAM ERNST, La Grange Park
 JAMES JOSEPH FELCYN, JR., Downers
 Grove
 CLAUDE WILLIAM FERRIS, JR., La
 Grange Park
 THOMAS JOSEPH FITZGERALD, Chicago
 JERE DAVID FLUNO, Forest Park
 NEIL IRVING FRIEDMAN, Chicago
 JAMES ARTHUR GASSENSMITH, Joliet
 CHARLES HARLON GAVIC, Sandwich
 MARTIN ROY GEIER, Chicago
 STEPHEN LAWRENCE GEIFMAN, Rock
 Island
 BERNARD HARVEY GERSON, Evanston
 LEONARD JOEL GERSTEIN, Chicago
 SHERWIN GILBERT, Chicago
 THOMAS LESLIE GILBERT, Westmont
 JOSEPH LOUIS GLIM, JR., Hazelcrest
 ALBERT F. GOEPFINGER, Des Plaines
 STEPHEN RICHARD GOLDBERG, Chicago
 HOWARD STEPHEN GOLDEN, Skokie
 MITCHELL SAYER GOLDMAN, Chicago
 ROBERT STANLEY GOLOMB, Oak Park
 JOHN ANDREW GORXL, Chicago
 BRIAN STEWART GRACH, Chicago
 DENNIS LEE GREETER, Elmhurst
 WILLIAM ANDREW GREGURICH, Chatham

DALE JOHN GUIKEMA, Wheaton
 HENRY THOMAS HALL, Chicago
 JAMES MICHAEL HARMON, Skokie
 DAVID SCOTT HART, Broadview
 RAYMOND VINCENT HARTMAN, Glen
 Ellyn
 JOHN CARROLL HEEG, JR., Peoria
 LEE FRANCIS HEINRICH, Chicago
 JAMES ANTHONY HEINTZ, Bel Ridge,
 Missouri
 RICHARD FEDDE HELFRICH, Downers
 Grove
 WILLIAM JOSEPH HERZING, Evanston
 THOMAS EDWARD HEWITT, La Grange
 THOMAS BARRY HINDS, Park Forest
 ARTHUR BERNARD HOFFMANN, Chicago
 RICHARD LEO HOPPE, Batavia
 BARRY LEWIS HORWITZ, Skokie
 BARBARA RASMUSSEN HOWELL, Chicago
 ROBERT WAYNE HUGHES, Chicago
 ALAN JAMES HUTCHINSON, Des Plaines
 WILLIAM FRANCIS JACOBS, JR., River
 Forest
 RONALD MARVIN JERICO, Chicago
 RAYMOND JOHN JEZEK, Westchester
 GEORGE VICTOR JOHNSON II, Woodstock
 ROBERT CHARLES JONES, Arlington
 Heights
 WILLIAM CARL JONSON, Evanston
 ANN MEEKS JOSEPHSON, Blue Island
 TIMOTHY JOSEPH KAVANAUGH, Chicago
 JAMES JOSEPH KELLY, JR., Chicago
 MELVIN JULES KLEIN, Chicago
 RUSSELL WAYNE KOCH, La Grange Park
 EDWARD AMBROSE KOLODZAJ, Chicago
 ROBERT JAY KRAWITZ, Chicago
 GEORGE MILTON KREJCI, Berwyn
 TERRANCE MICHAEL KRUSH, Villa Park
 GARY KENT KUMMER, Northlake
 SHARON LEE KUNAR, Chicago
 SHELDON PAUL KUPERMAN, Chicago
 PAUL DAVID KUROWSKI, Chicago
 JOHN PHILLIP LAMBERT, Chicago
 GARY ROBERT LANDAU, Chicago
 GERALD STEWART LANDY, Chicago
 RONALD WAYNE LARSON, Northbrook
 DANIEL MICHAEL LECHIN, Chicago
 JOHN GARDNER LEONARD, Riverside
 GAIL AYN LEVIN, Chicago
 THOMAS RUDOLPH LITVAY, Villa Park
 GAROLD LEVERNE LOYD, Villa Park
 DANIEL WALTER LUCZYNSKI, Western
 Springs
 FREDERICK GRANT MACEachron,
 Chicago
 ROBERT STANLEY MALINOWSKI, North
 Riverside
 THOMAS ADOLPH MARCET, Chicago
 HENRY EDWARD MARKS, Elgin
 DON LEE MCAVOY, Evanston
 MICHAEL THOMAS MCCLELLAN, Broad-
 view
 ROBERT THOMAS McDONNELL, Bellwood
 DENIS ANTHONY McGRADY, JR., Cham-
 paign

- THOMAS EDWARD MCKEOWN, Matteson
 GLEN MILLER, Chicago
 LEONARD HANMER MILLER, Des Plaines
 DOMINGO AMBROSIO MIRONES, Chicago
 VINCENT MICHAEL MONZELLA, Elmwood
 Park
 GUY STANLEY MOORE, JR., Evergreen
 Park
 JAMES EDWARD MOORE, Chicago
 LAWRENCE RAYMOND MOREAU, Cham-
 paign
 MICHAEL JOSEPH MORIARTY, Chicago
 DAYYD GLYNN MORRIS, Northlake
 EDWIN DAVID MUDERLAK, Rockford
 JOHN MICHAEL MULLANE, Chicago
 JAMES EDWARD MURPHY, Skokie
 DAVID HOWARD MURRAY, Chicago
 MARCO JOSEPH MUSCARELLO, Chicago
 DENNIS EUGENE NEAL, Taylorville
 ROBERT JEROME NEFF, Urbana
 LEONIDS NEIMANIS, Mundelein
 JOHN WILLIAM NELSON, Chicago
 ROGER ROY NELSON, River Forest
 WILLIAM LEE NICHOLSON, Crystal Lake
 MICHAEL LOUIS NUZZO, Chicago
 WILLIAM GEORGE O'REGAN, Oak Park
 ROBERT JAMES OSBORN, Villa Park
 JOSEPH RONALD OSWALD, Chicago
 WILLIAM JOHN PEETERS, Mt. Prospect
 MAX PERLMAN, Chicago
 RICHARD LEE PETERS, Chicago
 BRUCE ALAN PETERSON, Harvey
 THOMAS JAMES PORTE, Chicago
 STANLEY VINCENT PUSTELNIK, Chicago
 FLOYD EDWIN RADEMAKER, Peoria
 RANDALL WILLIAM REDENIUS, DeKalb
 KENNETH RODKEY REES, Evanston
 JAMES RICHARD RENZ, Homewood
 FOREST DALE RICHARDSON, JR.,
 Evanston
 THOMAS WAYNE RIECK, Evanston
 PATRICK JAMES RILEY, Oak Park
 RONALD EVAN ROBERTS, Normal
 BURTON THOMAS ROBINSON, North
 Riverside
 MARSHALL ROMANZ, Skokie
 RICHARD ALLEN ROMER, Chicago
 DAVID ROBERTSON ROSE, Elmhurst
 RAY LAWRENCE ROSS, Macomb
 ROBERT BOYD ROTHERMEL, Chicago
- JULES BERNARD RUKIN, Des Plaines
 GILMAN LANDGRAF SATHER, Rolling
 Meadows
 DENNIS JAMES SCHAER, Rockford
 DAVID ALAN SCHECHTER, Des Plaines
 WILLIAM CHARLES SCHUBERT, Evanston
 WILLIAM CHARLES SCOTT, Northbrook
 JOEL DAVID SHABSIN, Chicago
 SUSAN JEANETTE SHADE, Chicago
 BARRY HOWARD SHERMAN, Chicago
 WOODROW HOWARD SKINNER, Chicago
 MICHAEL MAX SONDERBY, Palos
 Heights
 JAMES ALLEN SORENSEN, Park Forest
 EARL ALEXANDER SPILLER, JR., Deerfield
 ROBERT JOHN SPINGOLA, Chicago
 LESLIE PETER SPINNER, Chicago
 ROLLAND MARION SPRAGUE, Chicago
 THOMAS JAMES STAHLSCHEIDT, Forest
 Park
 FRANCIS FELIX STANKIEWICZ, Chicago
 RAYMOND ROBERT STAWARZ, Chicago
 RONALD JOSEPH STEC, Chicago
 STEPHEN JOSEPH STEININGER, Niles
 STUART IRWIN STERN, DeKalb
 JOHN EDWARD STOCKMAN, Cicero
 ANNET HLAVNA STONE, Champaign
 DAVID CHARLES STUEBE, Addison
 THOMAS WILLIAM STUKEL, JR., DeKalb
 WILLIAM DEAN SULASKI, Bloomington
 WILLIAM EUGENE SWANSON, Villa Park
 MICHAEL RANDALL THOMAS, Wilmette
 RAYMOND FRANK TOCK, Palatine
 RICHARD CRAIG TOWNSEND, Urbana
 DONALD MARVIN TRACTENBERG, High-
 land Park
 JEROME VAN ZEYL, Chicago
 VICTOR TED WEBER, Chicago
 CAMERON PHILIP WELLES, Evanston
 ROBERT BARRY WEXLER, Skokie
 JAMES DAVID WHITE, Des Plaines
 NATHANIEL WHITMAL, Chicago
 THOMAS JAMES WILFORD, Chicago
 ROBERT WILNEFF, Chicago
 DONALD ROGER WILSON, Des Plaines
 JOHN EUGENE WOSIBA, Mt. Prospect
 DAVID CHARLES ZITZEWITZ, Evanston
 ROBERT LEE ZOELZER, Roxana
 MICHAEL ARTHUR ZUKERMAN, Chicago
 KENNETH HENRY ZUMBAHLEN, Catlin

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Illinois Accountancy Act of 1943, as amended, 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 or the United States and who qualify in all other respects under this provision of the law :

<i>Names</i>	<i>Address</i>	<i>States from Which They Obtained Certificates</i>
ROBERT WELLS BAUER	Northbrook	California
WALTER FREDERICK KAUTZ	Moline	Wisconsin

I concur.

On motion of Mr. Grimes, these certificates were awarded.

**MAJOR IN QUANTITATIVE METHODS IN BUSINESS ADMINISTRATION,
CHICAGO CIRCLE**

(10) The Chicago Circle Senate has approved a recommendation from the College of Business Administration for the establishment of a major field of specialization in Quantitative Methods, leading to the degree of Bachelor of Science in Business Administration.

The program, in common with those curricula for the Bachelor of Science in Business Administration at Chicago Circle approved by the Board of Trustees on December 16, 1964, will consist of general education requirements (96 quarter hours), business core requirements (66 quarter hours), electives (8 quarter hours), and 16 quarter hours in the major field for a minimum total of 186 hours, exclusive of physical education.

The Chancellor at Chicago Circle and the Executive Vice-President and Provost endorse this recommendation.

The Senate Coordinating Council has indicated that no further Senate jurisdiction is involved.

I recommend approval subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Jones, this recommendation was approved.

**ESTABLISHMENT OF DEPARTMENT OF HISTORY OF ARCHITECTURE
AND ART, CHICAGO CIRCLE**

(11) The College of Architecture and Art at Chicago Circle, with the concurrence of the Chicago Circle Senate, recommends that a Department of History of Architecture and Art be established within the College and the existing undergraduate degree programs in these fields (now offered through the Departments of Architecture and of Art) be placed within the purview of the new department.

This proposal would involve the restructuring of the College to include a Department of History of Architecture and Art in addition to present components, the Department of Architecture and the Department of Art. Faculty members who now teach the history of architecture and the history of art would constitute the faculty of the new department. No additional budget or space requirements are involved.

The programs for undergraduate majors in the fields of history of architecture and history of art would be administered by the new department, and the degree of Bachelor of Arts would be awarded.

Courses in history of art and architecture required in other curricula of the College and elective courses for undergraduate students outside of the College will continue to be provided.

The Senate Coordinating Council advises that no further Senate jurisdiction is involved.

This proposal has been endorsed by the Chancellor at the Chicago Circle campus and by the Executive Vice-President and Provost.

I recommend approval subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Grimes, this recommendation was approved.

CURRICULUM IN MEDICAL DIETETICS, MEDICAL CENTER

(12) The Medical Center Senate recommends authorization of a curriculum in Medical Dietetics, within the School of Associated Medical Sciences, leading to the degree of Bachelor of Science in Medical Dietetics.

The recommendation refers to recent studies which indicate that the number of dietitians expected to be available by 1970 will be far below projected needs. In addition, it is felt that there exists a need in hospitals for professional specialists in the field of applied nutrition who can assume responsibility for the dietary status of the patient.

The proposed program, which emphasizes the biological and physical sciences and the application of nutritional principles, represents a relatively new approach to the field of dietetics in that it would integrate the knowledge learned in the classroom with its immediate application to the dietary needs of the patient, and would incorporate into the curriculum the latest developments in nutritional science.

Minimum requirements for admission to the curriculum in Medical Dietetics in the School of Associated Medical Sciences are 60 semester to 90 quarter hours,

exclusive of physical education and basic military training, with at least a 3.0 average and with the following prerequisite courses: introductory courses in economics, sociology, and psychology; biology or zoology, one semester; microbiology, introductory course; physics, one year; chemistry, to include organic chemistry; food and nutrition, basic principles.

The general requirements for graduation with the Bachelor of Science degree in Medical Dietetics include general education sequences in the biological, physical, and social sciences and in the humanities.

The Chancellor at the Medical Center and the Executive Vice-President and Provost endorse this recommendation.

The Senate Coordinating Council has indicated that no further Senate jurisdiction is involved.

I recommend approval subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Hahn, this recommendation was approved.

LABORATORY FOR METEOROLOGICAL RESEARCH, URBANA

(13) The Board of Trustees of July 27, 1966, authorized the establishment of a Department of Meteorology in the College of Liberal Arts and Sciences. The functions of this proposed department were to conduct a graduate degree program in meteorology and a graduate research program oriented toward a basic understanding of physical processes taking place on the earth's atmosphere, including perturbations introduced by man. Its attention would focus particularly on problems existing below the ionosphere.

The implementation of the plan has been delayed—at first by the difficulty in finding a suitable candidate to head the department, and later by the decision to reconsider the proposed program in the light of the development of Illiac IV.

It is now proposed as a first step in the implementation of the program in meteorology that a Laboratory of Meteorological Research be established within the Graduate College. This Laboratory would provide an administrative and technical focus for encouragement of research and development of instruction in meteorology and related areas. Since the Urbana-Champaign Senate earlier approved the program in meteorology, it was determined by the Committee on Educational Policy that submission of this proposal to the Senate was unnecessary.

The state funds needed for the proposed program are available in the budget of the College of Liberal Arts and Sciences.

The Chancellor at the Urbana-Champaign campus, the Dean of the Graduate College, and the Executive Vice-President and Provost endorse this recommendation.

I concur and recommend approval subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Hughes, this recommendation was approved.

PROGRAM FOR STUDY IN FRANCE FOR STUDENTS OF FRENCH, URBANA

(14) The Department of French, with the concurrence of the College of Liberal Arts and Sciences and the Urbana-Champaign Senate, recommends authorization of a program of study in France by students who are majoring in French or the teaching of French. The Senate Coordinating Council advises that no other Senate jurisdiction is involved.

The program represents a joint effort between the University of Iowa and the University of Illinois, and would involve approximately forty students (twenty from each of the two institutions).

Because of the opportunity provided for the attainment of fluency in a foreign language and for the enhancement of understanding of other cultures, undergraduate programs for a year's study abroad have increased markedly in recent years. It is hoped that through supplemental scholarship support, students of modest means would be able to participate in the benefits of study in a foreign country.

The first phase of the program (mid-September to late October) will be an intensive five-week orientation period held at the University of Grenoble; the main component will be held during the academic year at the University of Rouen, where students will take special courses in language, literature, and civilization. During both phases, participants will be expected to live with French families, thus increas-

ing their language competence and allowing them to gain insight into French culture. In addition, students will take occasional field trips to places of cultural and historical importance.

Instruction at Grenoble and Rouen will be by French professors, through agreements executed with the Universities of Grenoble and Rouen. A member of the Urbana-Champaign faculty will be present with the group as Program Director and will insure the quality of the instruction. Those who successfully complete the year's program will be granted a full academic year of credit (thirty semester hours) at an advanced undergraduate level at their respective universities. The work would receive full credit towards the students' degrees.

Costs of instruction will not exceed those at the Urbana-Champaign campus insofar as the expenditure of state funds is concerned. Transportation of staff and other instructional and operational costs of the program will be paid from non-state funds. Students will incur approximately the same living costs as they presently do at the Urbana-Champaign campus, plus travel and personal expenses. The total estimated cost for each student, including transportation, room and board, and tuition and fees is approximately \$1,800.

The Chancellor at the Urbana-Champaign campus and the Executive Vice-President and Provost concur in this recommendation. It is further recommended that the Comptroller and the Secretary of the Board of Trustees be authorized to execute such contracts as may be necessary to implement this program.

I concur.

On motion of Mr. Jones, this program was authorized as recommended.

**PROGRAM FOR ARCHAEOLOGICAL RESEARCH IN COLLABORATION
WITH PRINCETON UNIVERSITY, URBANA**

(15) Princeton University has submitted a proposal for a Princeton-Illinois collaboration on a continuing basis for archaeological research in Sicily at the site of the *Hellenistic-Roman City of Morgantina*.

The proposal provides that Princeton will contribute to this joint venture by securing concession rights for the excavations from the Italian government and ceding to the expedition all the material goods and equipment which it possesses in Morgantina and Aidone. The value of this material and equipment is estimated at \$10,000.

The University of Illinois will have the privilege of nominating the field director and will undertake the organization and financing of the expedition. For the year 1968 the expeditionary party will consist of a field director, two graduate students to be nominated by Princeton University, four graduate students to be nominated by the University of Illinois, and some thirty-five supporting personnel. It is anticipated that the work of the expedition in 1968 will take place during the summer months.

The total cost of the project to the University of Illinois for the 1968 expedition is not expected to exceed \$15,600. The six graduate students involved will be supported by grants from outside sources.

Funds are available from Contracts Research Reserve. The project has been approved by the University Research Board.

The President recommends, with the concurrence of the Chancellor at Urbana and the Executive Vice-President and Provost, that this joint venture with Princeton University be approved and that the Comptroller and the Secretary of the Board of Trustees be authorized to execute such documentation and enter into such contracts as may be necessary to implement the program within the budget limitations outlined above.

On motion of Mr. Clement, this recommendation was approved.

RENAMING OF WOMEN'S GYMNASIUM, URBANA

(16) Upon recommendation of the Department of Physical Education for Women, the Dean of the College of Physical Education, and the Chancellor at the Urbana campus, I recommend that the *Women's Gymnasium* on the Urbana campus be renamed *Freer Gymnasium*.

The late Miss Freer, who died September 20, 1966, headed the Department of Physical Education for Women for thirty-four years, from 1915 to her retirement in 1949. Miss Freer initiated courses in modern dance and was instrumental in

the continuous improvement and expansion of courses in gymnastics, corrective exercise, dance, and sports. She served effectively as President of the National Association of Directors of Physical Education for Women and as a member of numerous state, district, and national professional physical education organizations. As Head of the Department of Physical Education for Women, Miss Freer was instrumental in planning for the building with which this recommendation deals.

On motion of Mr. Grimes, this recommendation was approved.

**APPROPRIATIONS FOR NONRECURRING EXPENDITURES.
CHICAGO CIRCLE AND MEDICAL CENTER**

(17) After review by the Committees on Nonrecurring Appropriations at the Chicago Circle and Medical Center campuses, the respective Chancellors recommend the following appropriations from the funds indicated:

Chicago Circle General Reserve

Central Duplicating, equipment..... \$ 24 600 00

Medical Center General Reserve

College of Medicine

Department of Anatomy, teaching materials..... 21 000 00

Research and Educational Hospitals

Hospital Laboratories, equipment..... 20 000 00

Department of Neurology and Neurological Surgery, equipment.... 19 575 00

Department of Radiology, equipment..... 28 655 00

Renovation and remodeling for which funds are assigned to the Physical Plant Department:

Remodeling Clinical Laboratories for the Research and Educational Hospitals 15 120 00

Remodeling in the basement of the Physical Environment Building for the Physical Plant Department..... 27 000 00

Total, Medical Center General Reserve..... \$131 350 00

Grand Total \$155 950 00

The Executive Vice-President and Provost and the Vice-President and Controller concur.

I recommend approval.

On motion of Mr. Williamson, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Pogue, Dr. Weatherly.

APPROPRIATION BY ATHLETIC ASSOCIATION

(18) The Board of Directors of the Athletic Association approved an appropriation of \$27,000 in order to proceed with the preparation of a contract with Daily and Associates, Engineers, Inc., Champaign, to draw specifications and plans for the purpose of procurement of bids for the development of land on the north side of the golf course, Savoy.

Confirmation of this appropriation is requested.

On motion of Mr. Hughes, this assignment of funds was confirmed.

**CONTRACTS FOR REMODELING RACINE AVENUE BUILDING.
CHICAGO CIRCLE**

(19) The President of the University, with the concurrence of appropriate administrative officers, recommends award of construction contracts for remodeling portions of the first and second floors of the Racine Avenue Building for the use of the Office of Admissions and Records, Chicago Circle, the award in each case to the lowest bidder:

General — Heller Construction Company, Inc., Chicago..... \$113 000 00

Plumbing and Drainage — E. Ranieri & Sons Plumbing & Heating Corp., Chicago..... 7 774 00

Heating and Refrigeration — Midstates Heating Company, Chicago.. 38 622 00

Ventilation and Air Conditioning — Cicero Sheet Metal Inc., Cicero..	59 444 00
Electrical — Divane Bros. Electric Co., Chicago.....	48 522 00
<i>Total</i>	<u>\$267 362 00</u>

Funds are available from state capital appropriations to the University for 1967-69 and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Hughes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Pogue, Dr. Weatherly.

REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR PURCHASE AND CONSTRUCTION OF EQUIPMENT FOR THE UTILITIES CENTER ADDITION, CHICAGO CIRCLE

(20) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to award and proceed to procure the following contracts for furnishing and installing equipment for the use of the University at the Chicago Circle Utilities Center Addition required for the heating and air conditioning of Phase III Buildings, the award in each case to the lowest bidder :

Division "303"	
One Cooling Tower — Fluor Products Company, Inc., Santa Rosa, California.....	\$52 054 00
Division "304"	
Two Condenser Water Circulating Pumps and Two Chilled Water Circulating Pumps — Worthington Corporation, Harrison, New Jersey.....	24 170 00
<i>Total</i>	<u>\$76 224 00</u>

The above equipment is a part of the project for Chicago Circle, Phase III, construction, which the Board on July 26, 1967, requested the Illinois Building Authority to provide. The Authority will finance the construction and lease the facilities to the University for rental payments for which state appropriations are available. Jurisdiction of the land on which the project will be constructed will also be transferred to the Authority at a later date prior to construction.

It is also recommended that the Comptroller and the Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments of transfer, conveyance, lease, contract, and other documents as are necessary to provide for the carrying out of the foregoing project and equipment by the Illinois Building Authority.

I further recommend adoption of the resolutions submitted herewith to implement the official actions required.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to Fluor Products Company, Inc., Santa Rosa, California, a contract for furnishing a cooling tower, its delivery to the site and erection at the site, all a part of the construction of the Utilities Center Addition at the Chicago Circle, Phase III, for the fixed price of \$52,054.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Clement, the foregoing resolution was adopted by

the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to Worthington Corporation, Harrison, New Jersey, a contract for furnishing and delivering two condenser water circulating pumps and two chilled water circulating pumps, complete with motor drives, necessary for the construction of the Utilities Center Addition at the Chicago Circle, Phase III, for the fixed price of \$24,170.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE CONTRACT FOR CONSTRUCTION OF LIBRARY BUILDING, PHASE II, CHICAGO CIRCLE

(21) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees request the Illinois Building Authority to authorize an increase of \$19,423 in the contract with Gust K. Newberg Construction Co., for ventilation and air conditioning work in the area of the Library Building, Chicago Circle, which will be assigned to the Office of Instructional Resources.

Funds are available in the project budget for this work.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

CONTRACT FOR DOOR REPLACEMENT, REMODELING AND ENCLOSING STAIRWAYS IN THE GENERAL HOSPITAL AND ILLINOIS NEUROPSYCHIATRIC INSTITUTE, MEDICAL CENTER

(22) The President of the University, with the concurrence of the appropriate administrative officers, recommends award of the following contract for door replacement, remodeling and enclosing stairways in the General Hospital and the Illinois Neuropsychiatric Institute at the Medical Center campus:

General—H. B. Barnard Company, Chicago.....	\$67 990 00
Electrical—H. B. Barnard Company, Chicago.....	1 358 00

The work provides for remodeling and enclosing stairways and installation of fire doors consistent with the standards provided by the Chicago Building Code.

Funds for this work are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

Since H. B. Barnard Company, Chicago, is the lowest bidder for both general and electrical work, it is also recommended that these two awards be combined in a single contract in lieu of separate contracts.

On motion of Mr. Clement, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes,

Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Pogue, Dr. Weatherly.

CONTRACTS FOR REMODELING ENGINEERING HALL, URBANA

(23) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts based on percentages bid for contractors' fees, for remodeling a portion of Engineering Hall for the Engineering Library, a branch of the Main Library, Urbana, the award in each case to the lowest bidder :

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General — Skoog Construction Company, Champaign	5	22	5	\$3 235 00	\$23 735 00
Electrical — Remco Electrical Corporation, Champaign	5	24	5	1 283 00	7 183 00
Heating, Piping, Refrigeration and Automatic Temperature Control Systems — Cool-Rite Mechanical Contractors, Inc., Urbana	14	31	5	2 342 00	10 942 00

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Hahn, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

CONTRACTS FOR REMODELING OF NUCLEAR ENGINEERING LABORATORY, URBANA

(24) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts, based on percentages bid for contractors' fees, for remodeling a portion of the Nuclear Engineering Laboratory for the Nuclear Engineering Program of the College of Engineering, Urbana, the award in each case to the lowest bidder :

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General — Skoog Construction Company, Champaign	5	26	5	\$1 780 00	\$12 180 00
Electrical — Remco Electrical Corporation, Champaign	5	24	5	540 00	3 740 00
Heating, Piping, Refrigeration and Automatic Temperature Control Systems — Cool-Rite Mechanical Contractors, Inc., Urbana	20	35	5	1 025 00	5 025 00
Ventilation and Distribution Systems for Conditioned Air — Reliable Plumbing & Heating Company, Champaign	25	42	5	1 318 00	5 118 00

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Williamson, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Pogue, Dr. Weatherly.

**CONTRACTS FOR REMODELING OF EAST CHEMISTRY BUILDING.
URBANA**

(25) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts, based on percentages bid for contractors' fees, for remodeling of a portion of the East Chemistry Building for the Chemical Engineering Division of the Department of Chemistry and Chemical Engineering, Urbana, the award in each case to the lowest acceptable bidder:

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General — Dean Evans Company, Champaign.....	5	28	20	\$2 000 00	\$14 100 00
Electrical — William H. Brunkow, an individual doing business as Brunkow Electric Company, Champaign.....	10	24	0	555 00	3 405 00
Plumbing — Jack W. Perrone and Harold L. Fox, a part- nership doing business as Champaign Plumbing & Heat- ing Company, Champaign....	25	40	5	855 00	3 455 00

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Hahn, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**CONTRACTS FOR REMODELING OF NATURAL HISTORY BUILDING.
URBANA**

(26) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts, based on percentages bid for contractors' fees, for remodeling of a portion of the Natural History Building on the Urbana campus for the Division of General Studies, the award in each case to the lowest acceptable bidder:

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General — Dean Evans Co., Champaign.....	5	27	10	\$1 190 00	\$7 290 00
Electrical — Remco Electrical Corporation, Champaign....	6	25	4.9	1 154 90	7 754 90
Plumbing — Jack W. Perrone and Harold L. Fox, a part- nership doing business as Champaign Plumbing & Heat- ing Company, Champaign....	25	40	5	1 305 00	5 405 00

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Hughes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO APPROVE CHANGE
IN CONSTRUCTION CONTRACT FOR UNDERGRADUATE LIBRARY,
URBANA**

(27) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to approve the substitution of carpeting for vinyl asbestos tile in the reading rooms of the Undergraduate Library, Urbana, at an estimated increase in the project cost of \$87,000.

Funds are available in the project budget for this work.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE
CONTRACT FOR CONSTRUCTION OF UNDERGRADUATE
LIBRARY, URBANA**

(28) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to authorize an increase of \$22,234 in the contract with McCarthy Brothers Construction Company, St. Louis, Missouri, and J. E. Hathman, Incorporated, Columbia, Missouri, doing business as McCarthy-Hathman Construction Company, a joint venture, for the substitution of brick pavers for asphalt block on the plaza level of the Undergraduate Library, Urbana.

Funds are available in the project budget for this work.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

**AGREEMENT TO PARTICIPATE IN URBANA & CHAMPAIGN
SANITARY DISTRICT EXPANSION PROGRAM**

(29) The Urbana & Champaign Sanitary District has requested the University to share in the cost of expansion and improvement to the Northeast Sewage Treatment Plant on which construction is planned to start shortly after July, 1968, and which is estimated to be completed in the 1969-71 biennium. This improvement is part of an over-all plan to extend sewer mains and to increase the capacity of the treatment facilities of the Sanitary District. It is being financed by a bond issue approved by the voters of the District in November, 1965, from a federal grant, and from anticipated University participation.

Based on the percentage factor used in the past to determine the University's share in the cost of improvements of direct benefit to the University, the estimated cost to the University for this project is \$350,000.

Funds are available in state capital appropriations to the University for the 1967-69 biennium in the amount of \$228,000. Additional funds estimated at \$122,000 will be requested in the 1969-71 biennium.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees authorize the Comptroller and the Secretary of the Board to execute an agreement with the Urbana & Champaign Sanitary District providing for the payment of the University's share of the cost subject to the availability of funds.

Submitted herewith is a report from the Physical Plant Department, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Grimes, authority was given as recommended by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Dr. Weatherly.

ASSIGNMENT OF COPYRIGHT

(30) The Director of the University Press requests authority to assign the copyright in the article "Tantalus and the Dead Sea Apples" by Professor John M. Steadman which appeared in the *Journal of English and Germanic Philology* in January, 1965, a publication of the Press, to the University of North Carolina Press. The latter is publishing a collection of articles by Professor Steadman and requests assignment of the copyright as a matter of convenience.

I concur.

On motion of Mr. Clement, authority was given as requested.

PURCHASES

(31) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller; also a list of purchases authorized by the President.

The lists of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

<i>From Appropriated Funds</i>	
Purchases Recommended	\$345 535 77
<i>From Institutional Funds</i>	
Purchases Authorized	\$ 39 900 00
Purchases Recommended	460 244 06
	<hr/>
	\$500 144 06
<i>Grand Total</i>	\$845 679 83

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Clement, the purchases authorized by the President were approved, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(32) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(33) The Comptroller's monthly report of contracts executed was presented.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
American Iron and Steel Institute	Fracture toughness of high strength structural steels	\$ 9 000 00
National Aeronautics and Space Administration NGR14-005-111	Relations between machine structure and syntactic relations of linguistic elements, and the information bearing parameters displayed in time-domain speech signals	80 000 00
Swift and Company	Dietary nitrogen furnished by a mixture of urea and soybean meal (both the meal form and a pelleted form) to ruminants	3 600 00
United States Air Force AFOSR-68-1499	Complex analysis (mathematics)	56 203 00
<i>Total</i>		<hr/>
		\$148 803 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Robert Cancro (subcontract with United States Air Force AF30(620)-4144)	Consultation in connection with design, fabrication, and application of the Illiac IV computer	\$ 9 000 00
Leases		
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Phi Delta Theta Fraternity, Illinois Eta chapter	Rental of from thirty-five to fifty-five student room spaces in Scott Hall, Champaign, Illinois, from January 30, 1968, to June 6, 1968	\$14 015 00 (estimate)
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
119 North Church Street Building Corporation (renewal)	Rental of suites 310 and 312 on the third floor of the Nu-State Building, Rockford, Illinois (November 1, 1967, to June 30, 1969), for use by the Division of Services for Crippled Children	\$ 8 200 00
Gilbert Reiman (renewal)	Rental of the entire space of the first floor at 1919 Walnut Street, Murphysboro, Illinois (January 1, 1968, to June 30, 1969), for use by the Division of Services for Crippled Children	2 394 00
<i>Total</i>		<hr/> \$10 594 00
Change Orders		
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Agency for International Development AID/fe-2	Advice and guidance to strengthen faculty of medicine at Chiangmai Hospital	\$400 000 00
United States Army DA-01-021-AMC-13902(Z)	Factors influencing the annular base drag of bodies of revolution with jet flow in transonic and supersonic external streams	29 961 00
United States Atomic Energy Commission AT(11-1)-1142	Kinetic isotope effects and related chemical kinetic problems	27 000 00
AT(11-1)-1195	Elementary particle interactions in the high energy region	1 138 000 00
AT(11-1)-1198	Understanding the nature of materials, predominantly solids	1 330 000 00
AT(11-1)-1339	Fission product levels and metabolism in food producing animals	37 000 00
AT(11-1)-1469	Computer science investigations	484 500 00
United States Department of Health, Education, and Welfare OEC-3-7-061174-0271	Improvement of college level student achievement through changes in the exams	57 070 00
United States Navy N00014-67-A-0305-0004	Radio frequency spectroscopy	30 000 00
<i>Total</i>		<hr/> \$3 533 531 00
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Barber and De Atley, Inc.	Cost-plus contracts — general	
	Bevier Hall	\$ 7 300 00
	Feed Storage Plant	5 000 00
	Main Library	21 000 00
	Men's Old Gymnasium Annex	18 000 00
	Morrill Hall	4 300 00
	Nuclear Reactor Laboratory	7 000 00
	Vegetable Crops Building	3 500 00
Cool-Rite Refrigeration	Cost-plus contract — piping	Nuclear Reactor Laboratory 11 900 00
Ermic Electric, Inc.	Cost-plus contracts — electrical	Bevier Hall Nuclear Reactor Laboratory 5 000 00 7 000 00
Dean Evans Company	Cost-plus contract — general	Noyes Laboratory 3 572 00
Fries Walters Company	Cost-plus contracts — electrical	Dentistry-Medicine-Pharmacy Building, First Unit Illinois Neuropsychiatric Institute 2 598 00 20 854 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Jamar-Olmen Company	Ventilating and sheet metal work	\$ 2 950 00
Thomas Plumbing and Heating Company	Cost-plus contracts—plumbing	4 926 00
	Dentistry-Medicine-Pharmacy Building, First Unit	2 500 00
	Services Building	4 000 00
	Bevier Hall	
	Florida Avenue	
	Residence Hall	
<i>Total</i>		\$131 400 00

Summary

Amount to be paid to the University.....	\$3 696 349 00
Amount to be paid by the University.....	150 994 00

This report was received for record.

INVESTMENT REPORT Report of the Finance Committee

(34) The Finance Committee reported the following changes in investments of endowment funds for the month of January, 1968:

Beckwith

Purchase

\$84 000 U.S. Treasury bills due 12/31/68..... \$ 79 874 67

Endowment Pool

Purchase

\$14 000 Walter E. Heller open-end demand notes..... 14 000 00

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of January, 1968:

Current Funds

ART OBJECTS

Sale

\$50 000 U.S. Treasury bills due 10/31/68..... \$ 48 024 92

CURRENT GENERAL (Chicago Circle)

Purchase

\$250 000 First National Bank of Chicago C/D due 6/3/68..... 250 000 00

300 000 First National Bank of Chicago C/D due 6/28/68..... 300 000 00

FORD FOUNDATION — GENERAL ENGINEERING

Sale

\$25 000 U.S. Treasury bills due 2/1/68..... 24 806 67

FORD FOUNDATION — NONWESTERN PROGRAMS

Purchase

\$10 000 U.S. Treasury bills due 7/31/68..... 9 722 39

RESTRICTED GROUP

Purchase

\$1 000 000 Archer-Daniels-Midland notes due 4/4/68..... 984 375 00

1 000 000 Cargill notes due 4/4/68..... 985 625 00

Construction Funds

BONDS OF 1964 AUXILIARY (Medical Center)

Purchase

\$95 000 U.S. Treasury bills due 2/29/68..... 94 655 63

50 000 U.S. Treasury bills due 3/14/68..... 49 590 53

FLORIDA AVENUE RESIDENCE HALL

Sale

\$24 000 U.S. Treasury bills due 6/30/68..... 23 437 06

KRANNERT CONTRIBUTIONS

Purchase	
\$13 000 U.S. Treasury bills due 3/22/68.....	12 912 05
19 000 Federal Land Banks 5½ per cent due 7/20/76.....	18 477 50

ORCHARD APARTMENTS

Sale	
\$129 000 U.S. Treasury bills due 1/31/68.....	119 895 00
70 000 U.S. Treasury 5½ per cent notes due 2/15/68.....	70 000 00

UNION (Chicago Circle)

Sale	
\$25 000 U.S. Treasury bills due 12/14/67.....	24 955 21
5 000 U.S. Treasury bills due 1/18/68.....	4 981 88

Purchase

\$10 000 U.S. Treasury bills due 3/14/68.....	9 934 67
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UNION AND RESIDENCE HALL (Medical Center)

Purchase

\$211 000 U.S. Treasury bills due 2/23/68.....	209 828 07
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This report was received for record.

SECRETARY'S REPORT

The Secretary presented for record appointments to the faculty made by the President; resignations; leaves of absence, and the following cancellations of sabbatical leaves of absence.

BARDEEN, JOHN, Professor of Electrical Engineering and of Physics, and in the Center for Advanced Study, Urbana — sabbatical leave of absence granted him for Semester II 1967-68 on full pay, cancelled without prejudice.

PETERSON, DONALD R., Professor of Psychology, in charge of Psychology Clinic, Urbana — sabbatical leave of absence granted him for six months from February 1, 1968, cancelled without prejudice.

RAKOVE, MILTON, Associate Professor of Political Science, Chicago Circle — sabbatical leave of absence for 1967-68 winter or spring quarter, cancelled without prejudice.

ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD**FUTURE BOARD MEETINGS**

President Swain reminded the Trustees of the dates of the next three meetings of the Board and the Board set the places of these meetings as follows: April 17, 1968, at Chicago Circle; May 15, 1968, at the Medical Center in Chicago; June 19, 1968, at Urbana.

RECESS

On motion of Mr. Clement, the meeting was recessed and the President of the Board stated that an executive session had been requested and was being ordered following lunch.

LUNCHEON AND TOUR

During the recess, the Trustees and officers of the University had lunch at the Florida Avenue Residence Halls and visited these student housing facilities.

House officers and staff counselors from the Florida Avenue Residence Halls and the Pennsylvania Avenue Residence Halls and officers of "The VIP Program" were guests of the Board at lunch. The latter reported to the Board on the nature and program of the VIP program.

EXECUTIVE SESSION

When the Board reconvened, the same members of the Board, officers of the Board, and officers of the University as recorded at the beginning of these minutes were present, except Mr. Harold Pogue who was excused.

The Board considered the following recommendations from the President of the University.

**ACQUISITION OF PROPERTY AT 510 EAST DANIEL STREET,
CHAMPAIGN**

(35) The President of the University, with the concurrence of appropriate administrative officers, recommends adoption of the following resolution for the acquisition of the property at 510 East Daniel Street, Champaign, through condemnation proceedings. He further requests authorization to complete acquisition of the property, through settlement of the suit or otherwise, if such can be done at a price within the appraisals received by the University. The property consists of a lot 49 feet by 168.5 feet (8,256.5 square feet) and is improved with a two-story masonry building now used for offices.

The University has been negotiating with the owner of this property who has been advised that a recommendation will be submitted to the Board of Trustees for its purchase at a total price of \$57,500 based on appraisals received by the University, if acceptable to the owner. However, this price is not acceptable to the owner, who is asking for a price considerably in excess of University appraisals.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

**Resolution Authorizing Condemnation of Property
at 510 East Daniel Street, Champaign, Illinois**

Be It, and It Is Hereby Resolved, Found and Declared by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following-described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

Lot Ten (10) in Block Fourteen (14) of Assessor's Subdivision of Blocks Ten (10), Eleven (11), and Fourteen (14) of J. S. Wright's Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign and State of Illinois;

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois for use as a site for a vehicular parking area of the University of Illinois and for other educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use, that funds are available to the University for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owner of said land through his duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owner has refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continues to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owner of said property and he and it are unable to agree upon the purchase price to be paid to said owner for the sale and conveyance of said land by said owner thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that because of said need of

the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owner thereof for such land cannot be agreed upon between him and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owner thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Williamson, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

ACQUISITION OF 607 AND 608 EAST WHITE STREET, CHAMPAIGN

(36) The President of the University, with the concurrence of appropriate administrative officers, recommends that The Board of Trustees of the University of Illinois request the University of Illinois Foundation to purchase the property at 607 East White Street, Champaign, and the property directly across the street to the north, namely, 608 East White Street, Champaign, which is owned by the same party, for the sum of \$40,000 and lease these properties to the University at a rental sufficient to enable the Foundation to pay the interest costs on the loan secured to finance their acquisition. The property at 607 East White Street is 66 feet by 66 feet and the property at 608 East White Street is 62.75 feet by 132 feet (a total of 12,639 square feet). Improvements on both properties consist of older frame dwellings that are currently being used for rental purposes.

On motion of Mr. Grimes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

ACQUISITION OF "PEACOCK PRAIRIE," GLENVIEW

(37) The President of the University, with the concurrence of the appropriate administrative officers, recommends adoption of the attached resolution for the acquisition of 5.141 acres of property in Cook County, Illinois, known as "Peacock Prairie," through condemnation proceedings and further requests authorization of settlement of the condemnation suit or purchase of the property if such can be effected within a total price of \$230,500.

The property in question is, with the exception hereafter noted, virgin prairie land, the last known tract of such existing in the northeastern part of the state of Illinois. It contains irreplaceable native flowering plants and grasses, which can not be transplanted, and many of which are extremely rare, some nearing extinction. It will be extremely valuable for field trip studies in ecology, entomology, population biology, and plant and animal taxonomy, and, in the graduate area, for supervised research in both botanical and zoological aspects of modern bioecology.

About half the property is rented to tenants operating a miniature golf course and archery range. This use covers less than half the land under their lease, but they have plans to expand such use to the remaining portion covered by their lease. Less than 20 per cent of the whole Prairie has been disturbed by this use.

The University has been negotiating with both the owner, who does not wish to sell for any price, and the tenants, who are willing to sell their rights, but only at a price deemed excessive for their interests.

Funds are available from a federal grant from the Bureau of Outdoor Recreation of the Department of the Interior, from a gift from Chicago Community Trust (subject to a charge on the property for one-half the net proceeds of sale if the property is sold within fifty years), and from other private contributions, with the exception of \$5,800 which is available in the Chicago Circle Contract Research Reserve.

**Resolution Authorizing Condemnation of "Peacock Prairie" Property,
in Cook County, Illinois**

Be It, and It Is Hereby Resolved, Found and Declared by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following-described real estate situated in the County of Cook, in the State of Illinois, to-wit:

The South 350 feet measured along the West line of Greenwood Pfingston Road, of that part of the West One Half (W ½) of the South-West One Quarter (SW ¼) of Section Eleven (Sec. 11), Township Forty-One North (T 41 N), Range Twelve East (R 12 E) of the Third (3d) Principal Meridian, which lies north of and adjoining the north line of Lot 3 in Owner's Division of Part of said West One Half (W ½) of said South-West One Quarter (SW ¼) of said Section Eleven (Sec. 11), situated in Maine Township, in the County of Cook, and State of Illinois;

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for use by the Department of Biological Sciences at the University of Illinois at Chicago Circle for teaching and research purposes, and for other educational purposes conducted and to be conducted by said University of Illinois, and for the expansion of the educational facilities of said University of Illinois, and to enable said University of Illinois to discharge its duty to the People of said State, and for public use; that funds are available to the University for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owner of and tenants on said land through their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owner and tenants have refused and continue to refuse to sell and convey their respective interests in said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price; and

Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owner and tenants of said property, and it and they are unable to agree upon a purchase price to be paid to said owner and tenants for the sale and conveyance of said land and their respective interests therein by said owner and tenants to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owner and the tenants thereof for their respective interests in such land cannot be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owner thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a

court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Grimes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

ACQUISITION AND EXCHANGE OF PROPERTIES, URBANA

(38) In order to make available land in the area east of the Krannert Center for the Performing Arts as a site for the proposed construction of the first stage of the Center for Advanced Study (Faculty Center), on which construction should start this fall, the President of the University, with the concurrence of other appropriate administrative officers, requests approval in principle of the following:

- a. The exchange of certain land now owned by the University for land in this area which is now owned by the Foundation.

The following properties now owned by the Foundation in this area are necessary as a site for the proposed Faculty Center:

1001 West Illinois Street, Urbana.....	\$ 53 500 00
1003 West Illinois Street, Urbana.....	40 000 00
1011 West Illinois Street, Urbana.....	41 350 00
506 South Gregory Place, Urbana.....	72 000 00
1000-02 West California Avenue, Urbana.....	68 250 00
1004 West California Avenue, Urbana.....	40 000 00
1006-08 West California Avenue, Urbana.....	44 000 00
<i>Total</i>	\$359 100 00

Other land now owned by the University and approximating the value of the above will be exchanged for the above properties and title transferred to the Foundation.

- b. That officials of the University be authorized to have appraisals made of two other properties in this site, namely, 1009 West Illinois Street, Urbana, and 1010 West California Avenue, Urbana, and to negotiate their purchase within the appraisals received. The estimated cost to acquire these properties is \$80,000.

Completion of the above will make available the land required as a site for the Faculty Center or the first stage of construction on the Center for Advanced Study.

On motion of Mr. Hughes, approval in principle was given as requested by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

On motion of Mr. Williamson, the Board adjourned.

EARL W. PORTER
Secretary

TIMOTHY W. SWAIN
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

April 17, 1968



The April meeting of The Board of Trustees of the University of Illinois was held in the Chicago Circle Center, Chicago, Illinois, on Wednesday, April 17, 1968, beginning at 9:15 a.m.

President Timothy W. Swain called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Theodore A. Jones, Mr. Ray Page, Mr. Harold Pogue, Mr. Timothy W. Swain, Mr. Kenney E. Williamson. Mr. Earl M. Hughes, Governor Otto Kerner, and Dr. James A. Weatherly were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor J. W. Peltason, University of Illinois at Urbana-Champaign; Dr. Eldon L. Johnson, Vice-President of the University; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, Legal Counsel; Dr. Daniel C. McCluney, Dean of Faculties, Chicago Circle; Dr. James B. Holderman, Associate Chancellor, Chicago Circle; Mr. Vernon L. Kretschmer, University Associate Director of Physical Plant Planning and Construction; Mr. R. C. Wicklund, Assistant Secretary of the Board of Trustees and Assistant Secretary of the University; Mr. Eugene S. Pitcher, Assistant to the Director of the Physical Plant, Urbana; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. R. R. Manchester, Treasurer, and Dr. Earl W. Porter, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on April 19, 1967, press proof copies of which had previously been sent to the Board.

On motion of Mr. Jones, the minutes were approved as printed on pages 473 to 519, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board considered the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

**STUDY OF EDUCATION IN THE HEALTH RELATED FIELDS
(BOARD OF HIGHER EDUCATION)**

President Henry discussed the general background of this study by a special committee of the Board of Higher Education and its current status, indicating that a preliminary report was now available and would receive public analysis within the next few weeks. The Executive Vice-President and Provost outlined in some detail the recommendations of the special committee and reported that to a considerable extent the recommendations are commensurate with the University's suggestions for expansion and development in the health sciences. (The University's proposals were submitted to the Board of Trustees in October, 1967.)

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 Illinois Accountancy Act of 1943, as amended, 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>
DAVID HOWARD GERBER	Evanston	California
CALVIN OREN ROLLOFF	Ankeny, Iowa	Iowa
RICHARD JOSEPH WHITFIELD	Davenport, Iowa	Iowa

I concur.

On motion of Mr. Williamson, 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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; P— indefinite term appointment for part-time service only; B—two years; D— one year; E—nine months from the beginning of the academic year; G—special tenure; Q—initial term appointment for Professor or Associate Professor; Y—twelve months' service required instead of two semesters; 1-7— indicates the number of years of service which will be credited at the end of the contract period toward completion of the probationary period relating to tenure.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

Chicago Circle

1. LEE B. JENNINGS, Professor of German, beginning September 1, 1968 (A), at an annual salary of \$16,500.
2. HELEN K. SMITH, Associate Professor of Education, beginning September 1, 1968 (A), at an annual salary of \$13,000.

Medical Center

3. STANISLAV V. KASL, Associate Professor of Preventive Medicine and Community Health, and Associate Professor of Psychology, Department of Psychiatry, College of Medicine, beginning September 1, 1968 (AY), at an annual salary of \$18,500.
4. HARRY STAFFILENO, JR., Associate Professor of Periodontics, College of Dentistry, beginning March 1, 1968, on 20 per cent time (DY20), at an annual salary of \$3,000.

Urbana-Champaign

5. WENDELL G. ANDERSON, Associate Dean, Associate Professor of Adult Education, and Director of Civil Defense Instructors Training, Division of University Extension (QY), beginning September 1, 1968, at an annual salary of \$20,800.
6. MARK ELYN, Associate Professor of Music, beginning September 1, 1969 (Q), at an annual salary of \$15,000.
7. C. DAVID O. FOSTER, Assistant Professor of Biochemistry, Departments of Chemistry and Chemical Engineering and Animal Science, beginning April 16, 1968 (1Y), at an annual salary of \$12,500.
8. FREDERICK V. LAWRENCE, JR., Assistant Professor of Metallurgy, Department of Mining, Metallurgy, and Petroleum Engineering, and Assistant Professor of Civil Engineering, beginning May 15, 1968 (D), at an annual salary of \$10,000.
9. RICHARD B. MALEK, Assistant Professor of Nematology, Department of Plant Pathology, beginning May 1, 1968 (2Y), at an annual salary of \$13,000.
10. ROBERT L. METCALF, Professor of Entomology, beginning September 1, 1968 (A), at an annual salary of \$27,000.
11. JAMES TREFIL, Assistant Professor of Physics, beginning September 1, 1968 (1), at an annual salary of \$11,000.

On motion of Mr. Grimes, these appointments were confirmed.

**DIRECTORSHIP OF THE INSTITUTE FOR RESEARCH
ON EXCEPTIONAL CHILDREN, URBANA**

(3) The Dean of the College of Education has recommended the appointment of William P. Hurder as Professor of Special Education on indefinite tenure and Director of the Institute for Research on Exceptional Children for one year beginning September 1, 1968, at an annual salary of \$26,400.

Professor Hurder, presently Acting Director of the Institute, succeeds Professor Samuel A. Kirk who will retire September 1, 1968. Professor Kirk has been on leave of absence during the current academic year.

The Executive Vice-President and Provost, the Chancellor at Urbana, and the Dean of the Graduate College concur in this recommendation.

I recommend approval.

On motion of Mr. Pogue, this appointment was approved.

SABBATICAL LEAVES OF ABSENCE, 1968-69, URBANA

(4) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1968-69 in accordance with the provisions of the University of Illinois *Statutes* and on the terms and for the periods indicated. This recommendation is supplementary to the applications recommended to the Board of Trustees on March 20, 1968.

College of Agriculture*Department of Agronomy*

RUSSELL T. ODELL, Professor of Pedology, six months beginning August 1, 1968, full pay.

WALTER O. SCOTT, Professor of Agronomy, six months beginning July 1, 1968, full pay.

Department of Agricultural Economics and Cooperative Extension Service

EARL HUBERT REGNIER, Professor of Agricultural Economics and in the Cooperative Extension Service, six months beginning August 1, 1968, full pay.

Department of Forestry

W. FREEMAN BULKLEY, Assistant Professor of Forestry Extension, five months beginning September 1, 1968, full pay.

College of Liberal Arts and Sciences

Division of General Studies

OTTO ERICH KUGLER, Professor of Biological Sciences in the Division of General Studies, academic year 1968-69, one-half pay.

Institute of Labor and Industrial Relations

HERMAN ERICKSON, Professor of Labor and Industrial Relations and in the Division of University Extension, six months beginning September 1, 1968, full pay.

On motion of Mr. Clement, these leaves were granted as recommended.

HONORARY DEGREES, URBANA

(5) The University Senate at Urbana-Champaign has recommended that the honorary degrees be conferred on the following at the Commencement Exercises at Urbana-Champaign on June 15, 1968:

MURRAY GELL-MANN, Professor of Physics at the California Institute of Technology, the Degree of Doctor of Science.

ELLIS RABB, Actor and Founder and Artistic Director of the Association of Producing Artists, the Degree of Doctor of Humanities.¹

GUNTHER SCHULLER, Director of the New England Conservatory of Music in Boston, the Degree of Doctor of Music.

I concur in this recommendation of the Senate.

On motion of Mr. Hahn, these degrees were authorized.

ESTABLISHMENT OF DEPARTMENT OF CLASSICS, CHICAGO CIRCLE

(6) The College of Liberal Arts and Sciences at Chicago Circle, with the concurrence of the Chicago Circle Senate, recommends that a Department of Classics be established within the College and that existing undergraduate degree programs in these fields (now offered through the Department of English) be placed within the purview of the new department, effective September 1, 1969.

This proposal would involve the restructuring of the College to include a Department of Classics. Faculty members who now teach classics would constitute the faculty of the new department. Additional funds will be provided in the 1969-71 biennium.

The programs for undergraduate majors in the fields of Classics would be administered by the new department, and the degree of Bachelor of Arts would be awarded.

Courses in Classics required in other curricula of the College and elective courses for undergraduate students outside of the College will continue to be provided.

The Senate Coordinating Council advises that no further Senate jurisdiction is involved.

This proposal has been approved by the Chancellor at the Chicago Circle Campus and by the Executive Vice-President and Provost.

I recommend approval subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Jones, this recommendation was approved.

¹ Mr. Rabb was unable to attend the Commencement Exercises; thus the degree was not conferred.

**CHANGE OF NAME OF DEPARTMENT OF GEOLOGY,
CHICAGO CIRCLE**

(7) The Chicago Circle Senate has approved a recommendation from the College of Liberal Arts and Sciences that the name of the Department of Geology be changed to the Department of Geological Sciences.

The Senate Coordinating Council has advised that no other Senate jurisdiction is involved.

The action of the Senate is reported to the Trustees for the record.

On motion of Mr. Grimes, this report was received for record.

**CAMPUS REQUIREMENTS FOR PROFICIENCY
IN WRITTEN ENGLISH**

(8) On March 14, 1944, the Board of Trustees approved a recommendation from the Urbana-Champaign Senate (based on studies by the Senate's Committee on Student English) that in order to assure satisfactory proficiency in written English by students awarded undergraduate degrees in the "Urbana divisions of the University . . . all upperclassmen who pass the Rhetoric 2 course or its equivalent with a grade of 'C' or 'D' shall be required to take an English qualifying examination before graduating." It further provided that students who fail the qualifying examination must take Rhetoric 5, "an extra one-semester course in rhetoric." (The courses have since been renumbered and the extra course is no longer required, but students must pass the examination.)

A similar requirement, appearing under the heading of General University Requirements, was approved by the Board on April 20, 1966, as a part of the "Curricula and Degree Requirements of Educational Programs at Chicago Circle."

This requirement has been the subject of extensive study by committees of the Chicago Circle and Urbana-Champaign Senates, representing the campuses most affected by it. The Chicago Circle Senate (with the Medical Center Senate concurring) and the Urbana-Champaign Senate now recommend that the University requirement of satisfactory proficiency in written English as a requirement for undergraduate degrees be interpreted as a campus requirement, in order that the specific requirements on each campus may develop according to the needs of that campus.

The Chancellors at each campus and the Executive Vice-President and Provost support this recommendation.

I concur.

On motion of Mr. Pogue, this recommendation was approved.

**PROCEDURES FOR IMPROVEMENT OF STUDENT PROFICIENCY
IN WRITTEN ENGLISH, URBANA**

(9) In the course of its study which gave rise to the recommendation contained in the previous item, the Urbana-Champaign Senate Committee on Student English formulated recommended procedures for the improvement of student proficiency in written English at the Urbana-Champaign campus. The Committee, with the endorsement of the Urbana-Champaign Senate, recommended:

1. That the English Qualifying Examination not be given after September 1, 1968,¹ and that a passing grade in Rhetoric 102 or the equivalent will satisfy the graduation requirement in written English.
2. That the tutorial work now conducted in the writing clinic be expanded and that its scope be increased.
3. That the Senate Committee on Student English be authorized to initiate and supervise experimental programs in lieu of a portion of the prescribed rhetoric for limited numbers of students.

The Chancellor at the Urbana-Champaign campus and the Executive Vice-President and Provost endorse these recommendations.

I concur.

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

¹ As amended by the Senate, the recommendations would take effect retroactively for any student graduating in June, 1968, or thereafter.

**DISCONTINUANCE OF DIVISION OF GENERAL STUDIES AND
ESTABLISHMENT OF A GENERAL CURRICULUM. URBANA**

(10) The Urbana-Champaign Senate has approved a recommendation from the College of Liberal Arts and Sciences that the administrative organization of the Division of General Studies be discontinued and that a general curriculum for freshman and sophomore students be offered.

Approved by the Board of Trustees on June 8, 1939, the Division of General Studies was established to offer a group of general, "non-departmental courses, the content being determined by the nature of the field in its relation to the educational needs of the student, rather than by the boundaries of existing departments." The recommendation from the Senate for the establishment of the Division contained a proviso that the curriculum be considered "tentative, subject to continuous study and possible revision." Such studies and evaluation did take place in the early 1940's, the mid-1950's, 1961, and 1967.

The most recent of these studies, undertaken by an *ad hoc* committee appointed by the Dean of the College of Liberal Arts and Sciences to re-examine the position of the Division of General Studies in the College and in the University, found that the objectives for which the Division was originally established "remain important and the need to achieve them becomes more acute."

The Committee found that the Division's courses had stimulated considerable interest among students both in the College of Liberal Arts and Sciences and in other colleges, and served an important and unique function in the science areas, but that significant problem areas, e.g., self-identity, establishment of a core of courses equal in stature but separate in orientation, and obtaining and holding qualified teaching staff, have marked its history. The Committee concluded that the primary contribution of the Division has resulted from its individual courses rather than from its distinctive program of general education or its particular type of administrative structure.

At the same time, a Committee on Curricular Reclassification of the College of Liberal Arts and Sciences has considered the problems of uncommitted freshman and sophomore students, and has recommended development of a general curriculum which requires no commitment by such students to a specific academic or subject-matter field.

Based on the reports of these two committees, the College of Liberal Arts and Sciences, with the endorsement of the Urbana-Champaign Senate, recommends:

1. That the courses and functions currently administered by the Division of General Studies be made a primary administrative responsibility of the Council on General Education in the College of Liberal Arts and Sciences (a standing committee of the faculty), with authority to appoint a Director having appropriate administrative assignments.
2. That the College of Liberal Arts and Sciences offer a two-year general curriculum in which freshman and sophomore students may register at their option rather than select a departmental major. This curriculum will replace the present Curriculum in General Studies. It is not proposed to discontinue the Science and Letters Curriculum.

The Chancellor at the Urbana-Champaign campus and the Executive Vice-President and Provost concur.

I recommend approval.

On motion of Mr. Jones, this recommendation was approved.

**DOCTOR OF PHILOSOPHY DEGREE IN THE HISTORY OF ART.
URBANA**

(11) The Graduate College and the Urbana-Champaign Senate recommend the establishment of the degree of Doctor of Philosophy in the History of Art.

A recent study prepared under a grant from the Ford Foundation indicates that course offerings in the history of art in the United States have approximately doubled every twenty years since 1900 and will probably continue to expand at the same rate in the future. During the last decade interest in this field of study at Urbana, both as a part of general education and as a clearly identified subject for specialization, has reflected this trend: for the school year 1955-56 there were 709 enrollments in courses in the history of art. For 1965-66 the number totaled 1,678.

The number of persons who hold the Ph.D. degree in the history of art continues to be inadequate to meet the need for teachers in this field. Also affected by the national shortage of trained art historians, according to the study, are such "extra-academic professions as museum curating, periodical and art criticism, and commercial dealing. . . ."

The Department of Art, in conjunction with the Department of Architecture, is now in a position to offer sound training for the Ph.D. degree in the history of art. The University first granted the master's degree in the history of art in 1948. The success of that program, together with library holdings of 129,000 volumes on the history and criticism of the visual arts, and the availability of the Krannert Art Museum and the Museum of Classical and European Culture support the recommendation.

Degree candidates will be required to meet the admission standards and degree requirements generally prevailing within the Graduate College of the University of Illinois. A statement describing the proposed program is filed with the Secretary of the Board for record.

The Chancellor at the Urbana-Champaign campus, the Dean of the Graduate College, and the Executive Vice-President and Provost concur in this recommendation.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I recommend approval, subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Hahn, this recommendation was approved.

CURRICULUM PREPARATORY TO TEACHING IN EARLY CHILDHOOD EDUCATION, URBANA

(12) The Urbana-Champaign Senate recommends approval of a proposal from the College of Education for the establishment of a Curriculum Preparatory to Teaching in Early Childhood Education in the Department of Elementary Education.

Over the past few years there has been an expansion of educational programs for young children throughout the United States as well as in the state of Illinois. The number of nursery school and kindergarten classes has been increasing in the country so that in 1964, according to the United States Office of Education, 4.3 per cent of the three-year-olds, 14.9 per cent of the four-year-olds, and 58.1 per cent of the five-year-olds were enrolled in nursery schools and kindergartens. Project Headstart, under the auspices of the Office of Economic Opportunity, has developed in the past two years into a massive preschool program for culturally disadvantaged children.

The establishment of these programs is believed to be the beginning of a larger development toward providing earlier educational opportunities for all children. Recently, the Educational Policies Commission of the National Educational Association has recommended that education for all children begin at age four.

The expansion of new programs of education for young children has created an increased demand for teachers especially prepared to teach children of this age. This demand is expected to continue and may even increase.

The rapid development of early childhood education also has created a need for trained leaders in the field. Graduates of the proposed program would constitute a reservoir of supervisors, teacher education specialists, and directors of preschool programs.

The present elementary education program prepares students for teaching from kindergarten through grade six. No specialized course work is available for these students in early childhood education. From a professional standpoint, it is believed that a total, integrated program is better for preparing early childhood teachers than the alternative of adding courses to the existing elementary education program.

Graduates of the Early Childhood Education program would be eligible for certification as elementary school teachers under present certification regulations in the state of Illinois. Professional groups are now studying standards for special certification in early childhood education.

The Chancellor at the Urbana-Champaign campus and the Executive Vice-President and Provost endorse this recommendation.

I recommend approval subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Clement, this recommendation was approved.

AUTHORIZATION TO WITHHOLD STUDENT TUITION TO SUPPORT CHICAGO CIRCLE CENTER

(13) When the bonds were sold to finance the Chicago Circle Center in 1963, the estimated income was based on enrollment projections available at that time. These called for an enrollment in the year 1967-68 of 14,000 students.

Because of the delays in the construction of facilities, actual enrollment in the fall of 1967 was 11,861, or a difference of 2,139 in the number of students than had been anticipated in the financing program. The loss of the fee income from these students and of the net income which would have been realized from their purchases, creates a financial problem for the Center. It is now estimated that the Center may incur a deficit in its operation of as much as \$300,000.

The University is authorized to withhold general student tuition to the extent necessary to support revenue bond projects. A review of student fee and other income realized so far this fiscal year indicates that the estimates of income will be over-realized by at least \$300,000. Accordingly, the Chancellor of Chicago Circle, the Executive Vice-President and Provost, and the Vice-President and Comptroller recommend that the Board authorize the withholding of \$300,000 from general student tuition to be used to the extent needed to meet the covenants of the resolution authorizing issuance of bonds for the Chicago Circle Center.

I concur.

On motion of Mr. Clement, this recommendation was approved and authority was given by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(14) After review by the Committees on Nonrecurring Appropriations at the Chicago Circle, Medical Center, and Urbana-Champaign campuses, the respective Chancellors recommend the following appropriations from the funds indicated:

Chicago Circle General Reserve

College of Engineering	
Department of Energy Engineering, equipment.....	\$ 20 800 00
Department of Information Engineering, equipment.....	29 302 00
Department of Materials Engineering, equipment.....	13 800 00
<i>Total, Chicago Circle General Reserve.....</i>	<u>(63 902 00)</u>

Medical Center General Reserve

Renovation and remodeling for which funds are assigned to the Physical Plant Department:	
Remodeling on the second floor of 721 South Wood Street (old Union Building) for the Office of Nonacademic Personnel.....	(52 700 00)

Urbana-Champaign General Reserve

College of Education	
Administration, equipment.....	10 346 00
College of Liberal Arts and Sciences	
School of Life Sciences, equipment.....	31 192 00
Renovation and remodeling for which funds are assigned to the Physical Plant Department:	
Additional funds for remodeling of Noyes East Laboratory for the Department of Chemistry and Chemical Engineering, to match funds received for a grant from the National Science Foundation	23 350 00
<i>Total, Urbana-Champaign General Reserve.....</i>	<u>(64 888 00)</u>
<i>Grand Total.....</i>	<u>\$181 490 00</u>

The Executive Vice-President and Provost and the Vice-President and Comptroller concur.

I recommend approval.

On motion of Mr. Williamson, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

**INCREASE IN CONTRACT FOR ARCHITECTURAL SERVICES,
CHICAGO CIRCLE**

(15) On July 26, 1967, the Board of Trustees approved the employment of Samuel Arthur Lichtmann, Chicago, for complete architectural services for miscellaneous remodeling projects at the Chicago Circle campus at a fee of 8 per cent of construction costs plus reimbursement for the actual costs of a Clerk of the Works. The contract further states that the total payment for services on any specific project would not exceed \$10,000 unless prior authorization is given by the Board of Trustees.

The President of the University, with the concurrence of appropriate administrative officers, recommends an addition to this contract of an estimated \$15,000 for complete architectural and engineering services for remodeling space in the Chicago Circle Center.

Funds are available in the Chicago Circle Center account.

On motion of Mr. Grimes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE
CONTRACT FOR CONSTRUCTION OF LIBRARY BUILDING,
PHASE II, CHICAGO CIRCLE**

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees request the Illinois Building Authority to authorize an increase of \$13,952 in the contract with the Gust K. Newberg Construction Co., Chicago, for heating work in the Library Building, Chicago Circle.

Funds are available in the project budget for this work.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

**CONTRACT FOR STREET LIGHTING AND INSTALLATION OF TRAFFIC
SIGNALS FOR FLORIDA AVENUE, URBANA**

(17) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract to Champaign Signal and Lighting Co., Champaign, the lowest bidder, for the total sum of \$87,748.28 for lighting improvements to Florida Avenue from Lincoln Avenue to the Illinois Central Railroad right-of-way and installation of traffic signals at the intersection of Oak Street and Florida Avenue, Urbana-Champaign.

Funds are available from state capital appropriations to the University for 1967-69 and have been released by the Governor.

On motion of Mr. Grimes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

**CONTRACT FOR CONSTRUCTION OF PAVING IMPROVEMENTS
TO SOUTH LINCOLN AVENUE ROAD, URBANA**

(18) The President of the University, with the concurrence of appropriate admin-

istrative officers, recommends award of a contract for \$228,750 to General Paving Company Incorporated, Champaign, the lowest bidder, for construction of paving improvements to the South Lincoln Avenue Road between Florida Avenue and George Huff Drive extended, Urbana.

Pursuant to an agreement entered into as authorized by the Board of Trustees on October 16, 1967, the city of Urbana has vacated the portion of the right-of-way lying within the city limits, and Urbana Township will complete vacation proceedings on April 19, 1968, for the portion of the right-of-way lying within the Township.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Clement, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

CONTRACT FOR CONSTRUCTION FOR ABBOTT POWER PLANT, URBANA

(19) The President of the University, with the concurrence of appropriate administrative officers, recommends award, subject to release by the Governor of funds available in state capital appropriations to the University for 1967-69, of a contract for \$223,938 to Julian Engineering Company, Chicago, the lowest bidder, for modifications to the Abbott Power Plant, Urbana-Champaign campus, required to increase the pressure in the steam distribution system throughout the campus.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Hahn, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

CONTRACT FOR CONSTRUCTION OF PARKING LOT FOR ASSEMBLY HALL, CHAMPAIGN

(20) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract for \$39,975 to University Asphalt Company, Inc., Urbana, the lowest bidder, for construction of a parking lot in the southwest quadrant of the Assembly Hall, Urbana-Champaign campus.

Funds are available in the project budget for this work.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Hahn, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

CONTRACTS FOR REMODELING OF NATURAL HISTORY BUILDING FOR THE PALEONTOLOGY DIVISION OF THE DEPARTMENT OF GEOLOGY, URBANA

(21) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts, based on percentages bid for contractors' fees, for remodeling of a portion of the Natural History Building on the Urbana-Champaign campus for the Paleontology Division of the Department of Geology, the award in each case to the lowest bidder.

	<i>Per Cent for Materials</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General — Dean Evans Co., a Delaware Corporation, Champaign.....	6	25	10	\$3 090 00	\$22 590 00
Electrical — Remco Electrical Corporation, a Delaware Corporation, Champaign..	6	24½	0	1 222 50	7 823 00
Plumbing — Cool-Rite Mechanical Contractors, Inc., a Delaware Corpora- tion, Urbana.....	15	42	5	1 720 00	7 920 00
Ventilation and Distribution Systems for Conditioned Air Work — Cool-Rite Mechanical Contractors, Inc., a Delaware Corpora- tion, Urbana.....	15	40	5	2 550 00	11 550 00
<i>Total</i>					<u>\$49 883 00</u>

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Grimes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

**CONTRACTS FOR REMODELING IN NATURAL HISTORY BUILDING
FOR GROUNDWATER AND ENGINEERING GEOLOGY.
URBANA**

(22) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts, based on percentages bid for contractors' fees, for remodeling of a portion of the Natural History Building on the Urbana-Champaign campus for the Division of Groundwater and Engineering Geology of the Department of Geology, the award in each case to the lowest bidder.

	<i>Per Cent for Materials</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General — Dean Evans Co., a Delaware Corporation, Champaign.....	5	26	10	\$2 270 00	\$17 770 00
Electrical — Remco Electrical Corporation, a Delaware Corporation, Champaign..	6	24½	0	1 222 50	7 822 50
Plumbing — Cool-Rite Mechanical Contractors, Inc., a Delaware Corpora- tion, Urbana.....	15	42	5	1 070 00	4 670 00
<i>Total</i>					<u>\$30 262 50</u>

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Clement, these contracts were awarded by the fol-

lowing vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

CONTRACT FOR PURCHASE OF EQUIPMENT FOR STEAM DISTRIBUTION SYSTEM, URBANA

(23) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract for \$15,001 to Process Sales Inc., Addison, the lowest bidder, for equipment for seven pressure reducing stations that are required in conjunction with increasing the pressure in the Urbana-Champaign campus steam distribution system.

Funds are available in state capital appropriations to the University for 1967-69 subject to release by the Governor.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Jones, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

CONTRACTS FOR CONSTRUCTION OF CENTRAL RECEIVING WAREHOUSE, URBANA

(24) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for construction of the Central Receiving Warehouse, Urbana-Champaign campus, the award in each case being to the lowest bidder.

General — C. A. Petry & Sons, Inc., Champaign.....	\$346 000 00	
Electrical — Remco Electrical Corporation, Champaign..	25 359 00	
Plumbing — David W. Reichard Plumbing & Heating Co., Inc., Urbana.....	21 355 00	
Heating — David W. Reichard Plumbing & Heating Co., Inc., Urbana.....	11 975 00	
Sprinkler — Viking Fire Protection Company, St. Louis, Missouri.....	11 098 00	\$415 787 00
Base bid.....	\$23 132 00	
Deductive alternate for omitting the fire-cycle system and air compressor and substituting a wet pipe sprinkler system.....	12 034 00	

Since David W. Reichard Plumbing & Heating Co., Inc., Urbana, is the lowest bidder for both the plumbing work and heating work, it is also recommended that these awards be combined in a single contract.

It is further recommended that all contracts other than the contract for general work be assigned to the general contractor, making the total contract price \$415,787; and that an agreement be entered into with C. A. Petry & Sons, Inc., Champaign, for the assignment of these other contracts for \$5,200 which amount is included in the contract price, being the amount bid by that Company for the supervision of other contracts assigned to the general contractor.

Funds are available in Office Supply Stores Reserve, General Chemical Stores Reserve, and in state capital appropriations to the University for 1967-69 which have been released by the Governor.

Submitted herewith is a report from the Campus Architect, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Grimes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR
CONSTRUCTION OF UNDERGROUND CHILLED WATER SERVICE
TO PSYCHOLOGY LABORATORY, URBANA**

(25) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be authorized to award a contract for \$96,290 to George S. Walker Plumbing and Heating Inc., Decatur, the lowest bidder, for construction of underground chilled water service to the Psychology Laboratory, Urbana-Champaign campus, and to proceed to procure this for the use of the University.

Construction of the Psychology Laboratory is a project which the Board on September 22, 1965, requested the Illinois Building Authority to provide. Funds for this work are available from the project budget of the Undergraduate Library, which project contains funds for the Library Air Conditioning Center to serve both the Undergraduate Library and the Psychology Building. The Authority will finance the construction and lease the facilities to the University for rental payments for which state appropriations are available for the current biennium.

Submitted herewith is a report from the Physical Plant Department, including a list of the bids received, a copy of which is being filed with the Secretary of the Board for record.

It is also recommended that the Comptroller and the Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments of transfer, conveyance, lease, contract, and other documents as are necessary to provide for the carrying out of the foregoing project by the Illinois Building Authority and that the following resolution be adopted.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to George S. Walker Plumbing and Heating Inc., Decatur, Illinois, a contract for constructing underground chilled water service to the Psychology Laboratory, Urbana-Champaign, for the fixed price of \$96,290.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

**CONTRACT FOR WATER DISTRIBUTION SYSTEM IMPROVEMENTS,
URBANA**

(26) The President of the University, with the concurrence of appropriate administrative officers, recommends award, subject to release by the Governor of funds available in state capital appropriations to the University for 1967-69, of a contract for \$91,602 (base bid plus additive alternate A4) to Elton A. Wagner Company, Danville, the lowest bidder. The work will consist of additions to the water distribution system on the Urbana-Champaign campus.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Williamson, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

**AGREEMENT WITH COMMONWEALTH EDISON COMPANY
FOR ELECTRICAL SERVICE TO THE MEDICAL RESEARCH
LABORATORY ADDITION, MEDICAL CENTER**

(27) The President of the University, with the concurrence of the appropriate administrative officers, recommends that the Board authorize its Comptroller and Secretary to execute an agreement with Commonwealth Edison Company, Chicago, to change the transformers in the Medical Research Laboratory vault from two 750 KVA to three 1500 KVA transformers at a total cost of \$5,834. This change will provide for the increased electrical load due to the proposed construction of the Medical Research Laboratory Addition, Medical Center.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

On motion of Mr. Clement, this agreement was authorized by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

**AGREEMENT TO PARTICIPATE IN UPPER EMBARRASS RIVER BASIN
DRAINAGE DISTRICT IMPROVEMENTS PROGRAM, URBANA**

(28) The Upper Embarrass River Basin Drainage District has requested the University to share in the cost of improving that portion of the Upper Embarrass channel which falls within the boundaries of the District. The District requires an agreement with the University on this project in order to present this proposal to the Circuit Court of Champaign County, which Court is authorized by law to make the determination as to the feasibility of the project based on benefits weighed against damages and costs to the property owners served by the aforementioned channel.

The total cost of the project is currently estimated by the District's engineers at \$424,000, which cost will be divided between the University, the city of Urbana, and private land owners served by the District. The estimated cost of the University's share of this work is \$220,000.

Funds for this project are available in state capital appropriations to the University in the 1967-69 biennium in the amount of \$170,000 subject to release by the Governor. Additional funds estimated at \$50,000 will be requested in the 1969-71 biennium.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees authorize the Comptroller and the Secretary of the Board to execute an agreement with the Upper Embarrass River Basin Drainage District, providing for the University's share of the cost at an estimated \$220,000, subject to the availability of funds and contingent upon approval by the Circuit Court of Champaign County, Illinois, as outlined above.

Submitted herewith is a report from the Physical Plant Department, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Williamson, this agreement was authorized by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

**EASEMENT OVER VACATED PORTIONS OF SOUTH FIRST STREET
ROAD, ST. MARY'S ROAD, AND SOUTH FOURTH
STREET, URBANA**

(29) The Board of Trustees on October 16, 1967, authorized the Comptroller and the Secretary of the Board to execute an agreement with the Township of Urbana for vacation of South First Street Road from St. Mary's Road to the entrance of the Children's Research and Adler Zone Centers, in order to permit the University to proceed with the improvement of this road. An objection to this vacation was raised on behalf of Mr. Roy D. Murphy, the owner of several apartment houses to the south of these improvements, on the premise that it may be difficult to finance additional apartment construction on this land if the only outlet to the North is over property owned and controlled by the University.

Discussions with the University Legal Counsel and attorneys for Mr. Murphy have resulted in an agreement for the granting of a right-of-way easement on portions of South First Street Road to be vacated by the Township of Urbana and on portions of St. Mary's Road, South First Street, and South Fourth Street, which have already been vacated and title vested in the University.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees adopt the following resolution authorizing the granting of a right-of-way easement on vacated portions of South First Street Road, St. Mary's Road, and South Fourth Street, for the use and benefit of all present and future owners of the Roy D. Murphy property therein described.

**Resolution Authorizing Granting of Right-of-Way Easement on Vacated
Portions of South First Street Road, St. Mary's Road,
and South Fourth Street**

Be It, and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this corporation be, and they hereby are, authorized to execute, acknowledge and deliver in the name and on behalf of this corporation such instruments as to them may seem necessary or desirable in order to grant to Roy D. Murphy and all present and future owners of the following described property; viz:

The East 363.00 feet of the South Half, Southeast Quarter, Section 24, Township 19 North, Range 8 East of the Third P.M., and all that part of the South Half, Southwest Quarter, Section 19, Township 19 North, Range 9 East of the Third P.M., lying West of the Center line of South First Street in Champaign County, Illinois;

hereinafter referred to as "Dominant Land", and to their grantees, transferees, successors, executors, administrators, heirs, and assigns, the full and free right and liberty for them, their tenants, servants, visitors and licensees, in common with all others having a like right, at all times hereafter, on foot or on vehicles, for all purposes connected with the use and enjoyment of Dominant Land, to pass and repossess over and upon the following-described real estate of this public corporation:

Parcel "A" — South First Street Road (vacated 1968)

Situated in the State of Illinois, the County of Champaign, and being a part of the SW $\frac{1}{4}$ NW $\frac{1}{4}$ and the W $\frac{1}{2}$ SW $\frac{1}{4}$ of Section 19, Township 19 North, Range 9 East of the Third Principal Meridian and being further known as a strip of land 66.0 feet in width, the center line of which is described as follows: Beginning at a point 89.76 feet distant east of the west line of said Section 19 and 697.6 feet distant south of the south property line of St. Mary's Road (66.0 feet); thence southerly along a line parallel and 89.76 feet distant east of west line of said Section 19, to a point 26.4 feet south of the south line of the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of said Section 19.

Parcel "A" — First Street (vacated 1962)

Situated in the State of Illinois, the County of Champaign, the City of Champaign, and being parts of the N $\frac{1}{2}$, NE $\frac{1}{4}$ of Section 24, Township 19 North and Range 8 East and the N $\frac{1}{2}$, NW $\frac{1}{4}$ of Section 19, Township 19 North and Range 9 East, both of the Third Principal Meridian; and being a strip of land 66.0 feet in width, known as First Street in said City of Champaign, the center line of which is described as follows:

Beginning at a point on the south property line of Florida Avenue in said City of Champaign; thence southerly along the east line of said Section 24, a distance of 957.95 feet to the south corporation line of said City of Champaign, said line also being 264.0 feet distant north of the south line of the N $\frac{1}{2}$, N $\frac{1}{2}$ of said Section 24.

Parcel "B" — Fourth Street

Situated in the State of Illinois, the County of Champaign, the City of Champaign and being a part of the N $\frac{1}{2}$, NW $\frac{1}{4}$, Section 19, Township 19 North, and Range 9 East of the 3rd Principal Meridian; and being a strip of land 66.0 feet in width, known as Fourth Street in said City of Champaign, the center line of which is described as follows:

Beginning at a point on the south property line of Florida Avenue in said City of Champaign; thence southerly along the east line of the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of said Section 19, a distance of 962.0 feet to the south corporation line of said City of Champaign, said line also being 264.0 feet distant north of the south line of the N $\frac{1}{2}$ N $\frac{1}{2}$ of said Section 19.

Parcel "C" — South First Street Road

Situated in the State of Illinois, the County of Champaign, and being also parts of the S $\frac{1}{2}$, NW $\frac{1}{4}$, NW $\frac{1}{4}$ of Section 19, Township 19 North and Range 9 East, and the S $\frac{1}{2}$, NE $\frac{1}{4}$, NE $\frac{1}{4}$ of Section 24, Township 19 North and Range 8 East, both of the Third Principal Meridian; and being further known as a strip of land 66.0 feet in width, the center line of which is described as follows:

Beginning at a point on the north property line of St. Mary's Road at its intersection with the west line of said Section 19; thence northerly along the west line of said Section 19, a distance of 231.0 feet, more or less, to a point, said point being also on the south corporation line of the City of Champaign.

Parcel "D" — South Fourth Street

Situated in the State of Illinois, the County of Champaign, and being a part of the N $\frac{1}{2}$ of the NW $\frac{1}{4}$ of Section 19, Township 19 North, and Range 9 East of the 3rd Principal Meridian, and being also known as a strip of land 66.0 feet in width, the center line of which is described as follows:

Beginning at a point on the north property line of St. Mary's Road at its intersection with the east line of the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of said Section 19; thence northerly along the east line of the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 19, a distance of 231.0 feet, more or less, to a point, said point being also on the south corporation line of the City of Champaign.

Parcel "E" — South First Street Road

Situated in the State of Illinois, the County of Champaign, and being also a part of the N $\frac{1}{2}$, SW $\frac{1}{4}$, NW $\frac{1}{4}$ of Section 19, Township 19 North and Range 9 East of the Third Principal Meridian; and being further known as a strip of land 66.0 feet in width, the center line of which is described as follows:

Beginning at a point on the south property line of St. Mary's Road (66.0 feet), said point being 89.76 feet distant east of the west line of said Section 19, and 33.0 feet distant south of the center line of St. Mary's Road; thence southerly along a line parallel to and 89.76 feet distant east of the west line of said Section 19, a distance of 697.6 feet, more or less.

Parcel "F" — St. Mary's Road

Situated in the State of Illinois, and the County of Champaign, and being also parts of the NW $\frac{1}{4}$ of Section 19, Township 19 North and Range 9 East, and the NE $\frac{1}{4}$ of Section 24, Township 19 North, and Range 8 East, both of the Third Principal Meridian; and being also known as a strip of land 66.0 feet in width, the center line of which is described as follows:

Beginning at a point 16.5 feet distant north of the southwest corner of the NW $\frac{1}{4}$, NE $\frac{1}{4}$ of said Section 19; thence westerly to the NW corner of the SE $\frac{1}{4}$, NE $\frac{1}{4}$ of said Section 24.

Parcel "G" — West St. Mary's Road

Situated in the State of Illinois, the County of Champaign, and being also a part of the NE $\frac{1}{4}$ of Section 24, Township 19 North and Range 8 East of the Third Principal Meridian; and being further known as a strip of land 66.0 feet in width, the center line of which is described as follows:

Beginning at the SE corner of the NW $\frac{1}{4}$, NE $\frac{1}{4}$ of said Section 24; thence westerly along the south line of the NW $\frac{1}{4}$, NE $\frac{1}{4}$ of said Section 24, a distance of 288.5 feet to the east right-of-way line of the Illinois Central Railroad.

On motion of Mr. Jones, the foregoing resolution was adopted.

BEQUEST OF CLARA BELLE STONE

(30) The Library School at the Urbana-Champaign campus has been named as the beneficiary of a bequest under the will of Clara Belle Stone, an alumna of the class

of 1909. The bequest reads as follows: "(13) I give and bequeath to the Library School of the University of Illinois, Urbana-Champaign, Illinois, the sum of Ten Thousand and 00/100ths (\$10,000.00) Dollars, to be used by the Trustees of that Institution as they may determine as a memorial to Clara Belle Touzalin Stone, an alumnus of the Class of 1909, and Porter E. Stone, her husband."

The Dean of Library Administration and the Vice-President and Comptroller recommend acceptance of this bequest and that these funds, when received, be held and invested as a temporary endowment for the benefit of the Graduate School of Library Science as a memorial to Clara Belle Touzalin Stone and Porter E. Stone. It is further recommended that the income from this fund be devoted to such purposes as may be determined by the Dean of Library Administration in accordance with regular University procedures.

The Chancellor at the Urbana-Champaign campus concurs.

I recommend approval.

On motion of Mr. Clement, this recommendation was approved.

PURCHASES

(31) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller; also a purchase authorized by the Executive Vice-President and Provost, acting for the President.

The lists of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

<i>From Appropriated Funds</i>	
Purchases Recommended	\$246 129 36
<i>From Institutional Funds</i>	
Purchase Authorized	\$ 25 170 00
Purchases Recommended	342 933 39
	\$368 103 39
<i>Total</i>	\$614 232 75

A complete list of the purchases authorized and recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Clement, this recommendation was approved.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(32) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary.

This report was received for record.

COMPTROLLER'S MONTHLY REPORT OF CONTRACTS

(33) The Comptroller's monthly report of contracts executed.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
F. S. Services, Incorporated	Improvement of farm tractor maintenance	\$25 000 00
The Great Northern Railway	Evaluation of the technological and economic effects of various rail sections	22 000 00
Illinois Arts Council	To cover partial costs of nine visiting artists in centennial symposium	10 000 00
Illinois Department of Conservation	Physiological and behavioral relationships among species of fishes	6 900 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Miles Laboratories, Inc.	Clinical evaluation of Miles Laboratories' irrigation devices and tablet XM-663	\$ 4 212 00
United States Army		
DA-ARO-D-31-124-G998	Notation of movement	19 500 00
DACW23-68-C-0037	Benefits which may result from alternatives to the disposal of dredged materials in the open waters of the Great Lakes	26 623 00
United States Department of the Interior		
14-06-D-6430	Effect of water and cement grout on the shear strength of natural and artificial rock joints	5 000 00
United States Navy		
N00014-67-A-0305-0011	Solid state and surface state electronics of semi-conductors as related to devices such as transistors and photo-detectors	5 000 00
<i>Total</i>		<u>\$124 235 00</u>

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
W. R. Grace and Company	Ultrafine ceramic particles	\$ 20 000 00
Stanford Research Institute 12472(6300A-030) (subcontract with United States Army DAHC20-67-C-0136)	Structural interaction of building members, specifically: (1) interaction of structural frames with filler walls; (2) interaction of floor slabs with surrounding members	118 736 00
United States Department of Commerce	Marine geology	5 125 00
United States Army		
DA-18-001-AMC-1016(X)	Initiation and stability of gaseous detonation	37 314 00
DAAB07-67-C-0199	Development of techniques for military applications in accordance with confidential technical guidelines	1 200 000 00
DABE03-67-C-5607	R.O.T.C. flight-training program for students enrolled at the University of Illinois	1 336 00
DADA17-67-C-7062	Attempt to formulate a disinfectant in tablet (or other) form for the disinfection of small quantities (canteens) of drinking water	2 500 00
United States Atomic Energy Commission		
AT(11-1)-758	Basic research relating to atomic energy	10 000 00
AT(11-1)-1199	Rainout of radioactivity in Illinois	48 000 00
<i>Total</i>		<u>\$1 443 011 00</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Consumers Construction Co.	General work	\$ 2 639 00
Cool-Rite Refrigeration	Cost-plus contract — piping	4 700 00
Fries Walters Co.	Cost-plus contracts — electrical	\$18 000 00
<i>Total</i>		<u>\$25 339 00</u>

Summary

Amount to be paid to the University.....	\$1 567 246 00
Amount to be paid by the University.....	25 339 00

This report was received for record.

ANNUAL REPORT OF THE TREASURER

(34) In accordance with the By-Laws of the Board of Trustees, the Treasurer of the University has submitted a report of receipts and disbursements of University funds in his custody for the period March 1, 1967, to February 29, 1968, certified by the Vice-President and Comptroller. A copy of this report was sent to each member of the Board of Trustees prior to today's meeting, and a copy is filed with the Secretary of the Board.

This report was received for record.

INVESTMENT REPORT

Report of the Finance Committee

(35) The Finance Committee reported the following changes in investments of endowment funds for the month of February, 1968:

Miller

Sale

\$42 000 Commercial Credit Corp. open-end demand notes.....	\$	42 000 00
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Purchase

300 shares Lincoln National Life Insurance common stock.....		19 800 00
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Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he had been authorized to make, for the month of February, 1968:

Current Funds

ART OBJECTS

Sale

\$14 000 U.S. Treasury bills due 10/31/68.....	\$	13 448 41
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FORD FOUNDATION — GENERAL ENGINEERING

Purchase

\$3 000 U.S. Treasury bills due 7/31/68.....		2 924 82
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RESTRICTED GROUP

Purchase

\$1 000 000 U.S. Treasury bills due 2/23/68.....		998 022 22
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1 000 000 Beneficial Finance notes due 3/4/68.....		996 250 00
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1 000 000 Cont. Ill. National Bank C/D due 5/3/68.....		1 000 000 00
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1 000 000 Hallmark Cards notes due 5/3/68.....		987 458 33
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2 000 000 First National Bank of Chicago C/D due 6/4/68.....		2 000 000 00
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STAR COURSE CENTENNIAL SERIES AGENCY

Purchase

\$35 000 U.S. Treasury bills due 5/31/68.....		34 547 10
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Construction Funds

FLORIDA AVENUE RESIDENCE HALL

Sale

\$110 000 U.S. Treasury bills due 6/30/68.....		107 778 00
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GRADUATE HOUSING

Purchase

\$186 000 U.S. Treasury bills due 10/31/68.....		178 825 98
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KRANNERT CONTRIBUTIONS

Purchase

\$71 000 U.S. Treasury bills due 3/22/68.....		57 927 50
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BONDS OF 1964 AUXILIARY (Medical Center)

Purchase

\$50 000 U.S. Treasury bills due 3/28/68.....		49 850 00
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ORCHARD APARTMENTS

Sale

\$ 5 000 U.S. Treasury bills due 1/31/68.....		4 990 42
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90 000 U.S. Treasury bills due 3/31/68.....		89 346 88
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50 000 U.S. Treasury 4¾ per cent notes due 5/15/68.....		49 921 88
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30 000 U.S. Treasury 4¼ per cent notes due 8/15/68.....		29 821 88
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UNION AND RESIDENCE HALL (Medical Center)

Sale

\$200 000 U.S. Treasury bills due 2/23/68.....		199 642 22
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Sinking Funds

ASSEMBLY HALL

Sale

\$90 000 U.S. Treasury bills due 2/29/68.....		88 143 75
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Purchase		
\$83 000 U.S. Treasury bills due 3/21/68.....	\$	82 735 93
42 000 U.S. Treasury bills due 1/31/69.....		39 772 89
UNION (Chicago Circle)		
\$196 000 U.S. Treasury bills due 3/21/68.....		195 338 50
72 000 U.S. Treasury bills due 10/31/68.....		69 474 20
<i>Housing Revenue Bonds</i>		
Purchase		
\$ 863 000 U.S. Treasury bills due 3/22/68.....		860 626 75
1 542 000 U.S. Treasury 5½ per cent notes due 2/15/69.....		1 545 373 13
ILLINI UNION AND HEALTH CENTER		
Purchase		
\$ 25 000 U.S. Treasury 5½ per cent notes due 2/15/69.....		25 062 50
247 000 U.S. Treasury 4 per cent bonds due 2/15/70.....		240 439 06
MEN'S RESIDENCE HALLS OF 1957		
Purchase		
\$123 000 U.S. Treasury 5½ per cent notes due 2/15/69		123 230 63
REVENUE BONDS OF 1956		
Purchase		
\$33 000 U.S. Treasury bills due 3/21/68.....		32 793 38
STUDENT SERVICES BUILDING		
Purchase		
\$48 000 U.S. Treasury bills due 1/31/69.....		45 651 81
WOMEN'S RESIDENCE HALLS OF 1956		
Purchase		
\$49 000 U.S. Treasury bills due 3/21/68.....		48 693 21

This report was received for record.

APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(36) On recommendation of the Chancellor of the Urbana-Champaign campus, I submit herewith nominations for appointments to the Board of Directors of the Athletic Association of the University of Illinois, to become effective as of today and to continue until the next annual meeting of The Board of Trustees of the University of Illinois in 1969, or until the successors of these Directors have been appointed.

Reappointments

From the Faculty

WILLIAM A. FERGUSON, Associate Professor of Mathematics (has been serving on the Board since November, 1967)

FRANK B. LANHAM, Professor and Head of the Department of Agricultural Engineering (has been serving on the Board since 1965)

HENRY S. STILLWELL, Professor and Head of the Department of Aeronautical and Astronautical Engineering (has been serving on the Board since 1964)

From the Alumni Association

LOUIS BOUDREAU, Class of 1939, Sports Announcer, Radio Station WGN, Chicago (has been serving on the Board since 1965)

CHARLES H. STOTZ, Class of 1939, Executive Secretary, West Suburban Y.M.C.A., La Grange (has been serving on the Board since 1964)

New Appointments

From the Faculty

VERNON K. ZIMMERMAN, Professor of Accountancy and Acting Dean of the College of Commerce and Business Administration

From the Alumni Association

PAUL K. BRESEE, Class of 1923, President of the University Federal Savings and Loan Association; President of the University of Illinois Alumni Association

(Mr. Bresee's appointment on the Board is for the period of his tenure as President of the University of Illinois Alumni Association.)

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

**EASEMENT TO CHICAGO PIPE LINE COMPANY
THROUGH ALLERTON ESTATE**

(37) The Vice-President and Comptroller recommends that the Chicago Pipe Line Company be granted an easement for the construction of a twenty-six-inch steel pipe line through Allerton Estate. The Company will pay the University \$10 per rod for a total of approximately \$1,460 for said easement.

The Company requests the right to use, during the period of construction only, an additional twenty-five feet on each side of the fifty-foot right of way and all necessary working space (defined as being 200 feet on each side of the pipe line and 500 feet deep) on the northerly side of the Sangamon River for the storage of dirt during construction but with the understanding that no trees will be removed.

The proposed grant will not interfere with experiments being conducted in the area by the Department of Forestry.

The Department of Agricultural Economics, which manages the land, concurs. I concur and recommend adoption of the following resolution.

**Resolution Authorizing 26" Steel Pipe Line Easement to Chicago Pipe Line
Company Through Allerton Estate**

Be It, and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this public corporation be, and they hereby are, authorized to execute, acknowledge and deliver in the name and on behalf of this corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Chicago Pipe Line Company, a Delaware corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to construct, reconstruct, operate, maintain, repair, alter, replace, move and remove a 26" steel pipe line and other equipment appurtenant thereto under, through and across the land hereinafter described and the right of ingress to and egress therefrom; the rights and easement granted to be limited to the extent that this public corporation has the present right and capacity to grant the same, and in consideration of the payment by Grantee to this corporation of the sum of Ten Dollars per rod for a total of approximately One Thousand Four Hundred Sixty Dollars (\$1,460.00). Grantee shall agree to repair any damage caused to property of this corporation by the construction, reconstruction, operation, maintenance, repairing, alteration, moving and removing of said pipe line and to indemnify this corporation and its representatives from liability in connection with Grantee's activities. The right-of-way easement shall remain in full force and effect from the date granted and for so long thereafter as said pipe line is continued in service and has not been abandoned or discontinued. Upon termination of the easement, Grantee shall peaceably surrender possession of said premises to this corporation and full and complete title then shall remain in this corporation free and clear of said easement and without necessity of re-entry or demand.

The right-of-way easement shall have a width of fifty (50) feet being twenty-five feet (25') on each side of a centerline described as follows:

Beginning at a point in the centerline of the Sangamon River the South line of the University of Illinois Board of Trustees' tract in the Southwest quarter and West half of the Southeast quarter of Section 14, Township 18 North, Range 5 East, 3rd P.M., Piatt County, Illinois, lying North of the Sangamon River, and being East a distance of 1850 feet and North 385 feet from the Southwest corner of said Section 14. Thence in a Northeasterly direction across the University of Illinois Board of Trustees tract as follows: North 1 degree 35 minutes East a distance of 249 feet; thence North 11 degrees 35 minutes East a distance of 150 feet; thence North 21 degrees 35 minutes East a distance of 133 feet; thence North 31 degrees 50 minutes East a distance of 140 feet; thence North 42 degrees 01 minute East a distance of 400 feet; thence North 28 degrees 35 minutes East a distance of 39 feet; thence North 15 degrees 09 minutes East a distance of 38 feet; thence North 1 degree 41 minutes East a distance of 951 feet; thence North 8 degrees 48

minutes East a distance of 304 feet to a point in the North line of said tract and being West a distance of 1500 feet from the Northeast corner of same.

On motion of Mr. Clement, the foregoing resolution was adopted.

SECRETARY'S REPORT

The Secretary presented for record appointments to the faculty made by the President, resignations, and leaves of absence. A copy of the report is filed with the Secretary.

ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD FUTURE BOARD MEETINGS

President Swain announced the following schedule for the next three meetings of the Board: May 15, 1968, at the Medical Center; June 19, 1968, in Chicago (previously scheduled to meet in Urbana); and July 24, 1968, in Urbana.

RECESS

The regular meeting was recessed and the President of the Board stated that meetings of the Committee on General Policy and the Committee on Buildings and Grounds had been called and that an executive session had been requested and was being ordered following the Committee meetings to consider recommendations relating to patentable discoveries, property acquisition, and litigation.

EXECUTIVE SESSION

When the Board reconvened, the same members of the Board, officers of the Board, and officers of the University as recorded at the beginning of these minutes were present.

The Board considered the following recommendations from the President of the University.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(38) The University Patent Committee, with the concurrence of the Chairman of the University Research Board, submits the following reports and recommendations relating to patentable inventions by members of the staff.

1. Superconducting DC parametric amplifier — Roger P. Ries, Research Assistant in Electrical Engineering, Urbana, and Cameron B. Satterthwaite, Professor of Physics, Urbana, inventors; developed under the sponsorship of the United States Army Materiel Command. This invention was assigned to the University of Illinois Foundation for study and possible patent application by the Board of Trustees on July 21, 1965. A patent application was officially filed on January 20, 1966.

The Committee recommends that after the payment of the direct costs of obtaining a patent, 20 per cent of the royalties should be paid to the inventors.

2. Photofabricated readout device — John A. Saldeen, Assistant in Electronics Engineering in the Department of Chemistry and Chemical Engineering, Urbana, inventor. This device is novel because it is constructed entirely by photofabrication, using standard printed circuit techniques. The cost of producing this unit is much less than commercially available readout devices. It may also be constructed by any organization having printed circuit facilities available at no additional cost for equipment.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study, further development, and possible patent application.

3. Radioprotective effect of magnesium pemoline and its possible application in radio therapy — Hoa Le Van, Assistant Professor of Medical Radiology, Medical Center, inventor. Magnesium pemoline (cylert), a medical product of Abbott Pharmaceutical Company used in Europe as a central nervous system stimulant, was discovered to possess a highly significant protection against lethal doses of

ionizing radiations when administered either shortly before or after being exposed to radiations. This effect was still pronounced up to two weeks after drug administration at high dose (70 mg/kg). When exposure took place within one-half hour after drug administration, this protective effect was independent of drug doses (from 0.70 mg/kg up to 70 mg/kg).

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study, further development, and possible patent application.

4. Point contact metal-oxide-metal diode and point contact metal-oxide-thin film diode — Samuel I. Green, Research Assistant in Electrical Engineering, Urbana, and Jack R. Baird, formerly Assistant Professor of Electrical Engineering, Urbana, inventors; developed under the sponsorship of the Rome Air Development Center. A physical model is proposed to explain detection of microwave signals by a metal point set on a flat metal base. An asymmetry in the high frequency V-I characteristics of such a device is predicted by noting that the skin effect in the metal base constrains the AC component of the electron current in the base to move in a transverse direction to that which contributes to tunneling through the oxide layer between metals. On the other hand, electrons in the whisker move such that a large part of their momentum is in the proper direction to contribute to tunneling.

The Committee recommends that the rights of the University in this invention be assigned to the inventors, subject to the rights and regulations of the sponsoring agency.

5. Multi-path fiber optic probe — John Martin Hughes, Fellow in Mechanical Engineering, Urbana, inventor; developed under the sponsorship of the United States Public Health Service. This fiber optic probe device for measuring properties of particulate suspensions is novel in its configuration of fiber optics light guides combined with probe head and platinum plated pyrex probe stem. The new part is, in addition to configuration and combination, the multiple light attenuation feature or scattering which results in a higher probe sensitivity. Another new item is the use of platinum plating to bleed electrical charge from the probe tip to ground.

The Committee recommends that the rights of the University in this invention be assigned to the inventor, subject to the approval of the sponsoring agency.

6. An economical single scale pressure readout system for ionization gauges — C. D. Hendricks, Professor of Electrical Engineering and of Nuclear Engineering, Urbana, and John A. Robertson, Research Assistant in Electrical Engineering, Urbana, inventors. This single scale ionization gauge pressure readout system is novel because the filament current regulator generally employed in ionization gauge readout systems has been eliminated, and a logarithmic solution to the pressure equation: $P = 1/S \cdot I_1/I_0$ is performed electronically.

The Committee recommends that the rights of the University in this invention be assigned to the inventors.

7. Multi-path fiber optic probe — James J. Stukel, Research Assistant Professor of Mechanical Engineering, Urbana, inventor; developed under the sponsorship of the United States Public Health Service. This invention relates to instruments for measuring the properties of a particulate suspension. Light is transmitted by a fiber optic light guide to the face of a glass tube. The light then passes through the particulate suspension. The transmitted light is redirected 180° by a "U" shaped light guide back through the suspension. Having made a second pass through the suspension the light is transmitted by a third light guide to a photocell. A series of "U" shaped guides could be used for multiple passes. The degree of light attenuation in the suspension is related to the density of the particulate suspension.

The Committee recommends that the rights of the University in this invention be assigned to the inventor, subject to the approval of the sponsoring agency.

8. Mirabilicides — Bernard Greenberg, Professor of Biological Science, Chicago Circle, inventor; developed under the sponsorship of the United States Public Health Service. A strain of *Proteus mirabilis* produces at least three substances in culture (reaching high potency some ten days after incubation) which destroy the organisms listed below, at pHs below 4.5. As many as 10^7 to 10^9 organisms are destroyed within two minutes exposure at a pH of 2.9. The broth in which the organism has been grown may be acidified and left to stand for one

hour, after which time, all organisms contained in it are killed. The broth may then be used as such, or it may be filtered through a Seitz or Millipore bacterial filter and the filtrate used. The activity is acid-dependent and at alkaline pH, the broth is not only devoid of any bactericidal effect but actually supports the growth of those organisms it kills in acid. These antibacterial substances are named Mirabilicides. Susceptible organisms are: *Aerobacter paracolor*, *Escherichia coli*, *Proteus mirabilis*, *Proteus vulgaris*, *Proteus morgani*, *Proteus rettgeri*, *Pseudomonas aeruginosa*, *Shigella flexneri*, *Salmonella typhimurium*, *Sarcina lutea*, *Staphylococcus aureus*, and *Streptococcus faecalis*.

The Committee recommends that the rights of the University in this invention be assigned to the inventor, subject to the rights and regulations of the sponsoring agency.

9. Log ratio system to eliminate the effects of amplitude modulation and signal strength variation on a display—W. C. McClurg, Research Engineer in Electrical Engineering, Urbana, and Edward W. Ernst, Associate Professor of Electrical Engineering, Urbana, inventors; developed under the sponsorship of the Office of Naval Research. This method makes use of the directional pattern (the signal which contains not only the information bearing signal which is contingent upon the radio direction finding, RDF, system but which is also modified by the directional characteristics of the array) and a signal which contains the full information bearing characteristics of the contingent signal but does not have the directional properties of the array imposed upon it. The theory of operation reveals that the ratio of these two signals, that is the ratio of the directional signal divided by the signal which has no directional characteristics, contains no amplitude fluctuations caused by amplitude modulation or signal strength variation but does contain the full modulation or directional information as imposed by the RDF array. This has been accomplished by the use of analog circuitry. The logarithm of the instantaneous voltage is obtained by suitable electronic circuitry, the difference between the logarithmic values for representing each of two signals is obtained and the antilog of this difference signal is produced. The output of the analog unit is the desired signal containing only the directional information and free of amplitude modulation or signal strength variation. All processing is carried out by electronic circuitry.

The Committee recommends that the rights of the University in this invention be assigned to the inventors, subject to the rights and regulations of the sponsoring agency.

10. Intrascleral implant (artificial eye) for the dog and cat—Lloyd C. Helper, Associate Professor of Veterinary Clinical Medicine, Urbana, and William Magrane, Consultant in the College of Veterinary Medicine, Urbana, inventors. The artificial eye is made from a silicone rubber sphere cut to allow the attachment of a curved piece of lucite to resemble the cornea. The iris and pupil are painted on the back of the lucite before assembling the eye. All parts are assembled with Dow Corning silicone type A medical adhesive. The same adhesive is used to bond dacron felt covering to the silicone rubber ball. When the artificial eye is placed inside the sclera, connective tissue from the sclera infiltrates the dacron felt forming a solid lasting bond between the artificial eye and the sclera of the patient. The dacron felt covering accounts for the success of this artificial eye.

The Committee recommends that the rights of the University in this invention be assigned to the inventors.

11. Real-time visual display of speech parameters—Jan B. Thomas, formerly Research Associate in Electrical Engineering, Urbana, inventor; developed under the sponsorship of the United States Air Force Office of Scientific Research. This invention is a machine which presents a visual display of speech information in real time. The display panel of this machine consists in part of a 12 by 12 array of neon glow lamps. The horizontal axis of this display represents the frequency of the first formant quantized into twelve steps. The second formant frequency is presented on the vertical axis. During periods of speech input the trajectory on the display panel shows the relationship between these two speech parameters.

The Committee recommends that the rights of the University in this invention be assigned to the inventor, subject to the rights and regulations of the sponsoring agency.

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

ACQUISITION OF 906 AND 910 SOUTH FIFTH STREET, CHAMPAIGN

(39) The Board of Trustees on July 21, 1965, authorized the acquisition of the properties at 906 and 910 South Fifth Street, Champaign, and acquisition of title to such properties by exercise of the right of eminent domain through condemnation proceedings.

The condemnation suit for these properties has been completed in the Circuit Court of Champaign County, Illinois. The jury awards have been within the range of the testimony adduced from expert witnesses at the trial. The awards for these properties are as follows:

<i>Date of Court Order</i>	<i>Property</i>	<i>Jury Award</i>
February 23, 1968	906 South Fifth Street	\$36 500 00
February 23, 1968	910 South Fifth Street	\$52 500 00
<i>Total</i>		\$89 000 00

The President of the University, with the concurrence of appropriate administrative officers, recommends that the University accept the jury awards and pay the same in accordance with the judgment order.

Funds are available from the proceeds of the sale of revenue bonds for the Sherman Hall (SG-3) project.

On motion of Mr. Jones, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

ACQUISITION OF PROPERTY AT 1007 WEST ILLINOIS STREET, URBANA

(40) The President of the University, with the concurrence of appropriate administrative officers, recommends adoption of the following resolution authorizing acquisition of the property at 1007 West Illinois Street, Urbana, through condemnation proceedings. In addition, authorization for settlement of the condemnation suit is recommended, if such acquisition can be completed at a price within the appraisals received by the University. The property consists of a lot 65 feet by 150 feet (9,750 square feet) and is improved with a two-story frame residence.

The University has been negotiating with the owner of this property, who has been advised that University representatives would be willing to recommend to the Board of Trustees the purchase of the property at a total price of \$37,500 based on appraisals received by the University; however, this price is not acceptable to the owner.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

Resolution Authorizing Condemnation of Property Located at 1007 West Illinois Street, Urbana, Illinois

Be It, and It Hereby Is Resolved, Found and Declared by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

Lot Nine (9) of a Subdivision of Lots 32 and 33 of Elizabeth F. McClain's Heirs Addition to the City of Urbana, situated in the City of Urbana, in the County of Champaign, and State of Illinois;

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for an academic facility building for students and staff members of the University of Illinois in the conduct of the educational functions of the University of Illinois and for other educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use, that funds are available to the University for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owners of said land through their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair

and reasonable and which it finds constitutes the present market value of said land, but that said owners have refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continue to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owners of said property and they and it are unable to agree upon the purchase price to be paid to said owners for the sale and conveyance of said land by said owners thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owners thereof for such land cannot be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Grimes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

ACQUISITION OF PROPERTY AT 1010 WEST CALIFORNIA AVENUE, URBANA

(41) The President of the University, with the concurrence of appropriate administrative officers, recommends adoption of the following resolution authorizing acquisition of the property at 1010 West California Avenue, Urbana, through condemnation proceedings. In addition, authorization for settlement of the condemnation suit is recommended, if such acquisition can be completed at a price within the appraisals received by the University. The property consists of a lot 70 by 90 feet (6,300 square feet) and is improved with a two-story frame residence.

The University has been negotiating with the owner of this property, who has been advised that University representatives would be willing to recommend to the Board of Trustees the purchase of the property at a price of \$29,500 based on appraisals received by the University; however, this price is not acceptable to the owner.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

Resolution Authorizing Condemnation of Property Located at 1010 West California Avenue, Urbana, Illinois

Be It, and It Hereby Is Resolved, Found and Declared by The Board of Trustees of the University of Illinois, a body corporate and politic and a public

corporation of the State of Illinois, that the following described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

The South 90 feet of Lot Twenty-three (23) and the South 90 feet of the West 5 feet of Lot Twenty-four (24) of Elizabeth F. McClain's Heirs Addition to the City of Urbana, situated in the City of Urbana, in the County of Champaign, and State of Illinois;

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for an academic facility building for students and staff members of the University of Illinois in the conduct of the educational functions of the University of Illinois and for other educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University and to enable said University of Illinois to discharge its duty to the people of said State and for public use, that funds are available to the University for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owners of said land through their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owners have refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continue to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found, and Declared by The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owners of said property and they and it are unable to agree upon the purchase price to be paid to said owners for the sale and conveyance of said land by said owners thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owners thereof for such land cannot be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Hughes, Governor Kerner, Dr. Weatherly.

A. EPSTEIN & SONS, INC., LITIGATION

(42) On September 22, 1966, A. Epstein & Sons, Inc., an Illinois corporation, brought suit against The Board of Trustees of the University of Illinois in the Circuit Court of Cook County, Illinois (Case No. 66-L-15072). In this suit, the

plaintiff claimed as due the total sum of \$32,636.21 (which included \$24,473.13 for alleged extra work) under the terms of a contract entitled "AGREEMENT, OWNER-ARCHITECT" dated October 17, 1962, through which the plaintiff was employed by the University to furnish architectural services in connection with Civil Engineering Phase I at the Urbana-Champaign campus.

Pursuant to motions filed by the Board of Trustees, this case was transferred to the Circuit Court of Champaign County, Illinois (Case No. 67-L-22). Negotiations with A. Epstein & Sons, Inc., have resulted in a proposed settlement of this controversy on the following terms:

1. That The Board of Trustees of the University of Illinois pay to A. Epstein & Sons, Inc., the total sum of \$8,163.08 (the balance due under the original contract) as settlement in full of all claims made by the plaintiff in the above-entitled suit.
2. That A. Epstein & Sons, Inc., secure the dismissal of Case No. 67-L-22 with prejudice.
3. That each of the parties to said litigation release the other from any claims which either might presently have against the other under the original contract; provided, however, that each of the parties retains against the other all rights for reimbursement or contribution for any damages which either might suffer as a result of any other legal proceedings initiated by third parties and growing out of the construction of the Civil Engineering Building Phase I.

The proposed settlement has been approved by officials of the Illinois Building Authority and funds are available from the project budget. The Legal Counsel, the University Director of Physical Plant Planning and Construction, and the Vice-President and Comptroller recommend that a settlement of this litigation be authorized on the basis outlined above.

I concur.

On motion of Mr. Hahn, this recommendation was approved on the condition that A. Epstein & Sons, Inc., not be released from its normal professional responsibilities with respect to those professional services actually furnished in connection with this project.

The President then presented informal reports for the information of the Trustees with regard to personnel items, including those related to the awarding of honorary degrees; and a property acquisition matter relating to a performing arts center at Chicago Circle.

On motion of Mr. Grimes, the Board adjourned.

EARL W. PORTER
Secretary

TIMOTHY W. SWAIN
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

May 15, 1968



The May meeting of The Board of Trustees of the University of Illinois was held in the Chicago Illini Union at the Medical Center, Chicago, Illinois, on Wednesday, May 15, 1968, beginning at 9:15 a.m.

President Timothy W. Swain called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. Timothy W. Swain, Mr. Kenney E. Williamson. Governor Otto Kerner, Mr. Ray Page, Mr. Harold Pogue, and Dr. James A. Weatherly were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor J. W. Peltason, University of Illinois at Urbana-Champaign; Dr. Eldon Johnson, Vice-President of the University; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, Legal Counsel; Dr. Daniel C. McCluney, Dean of Faculties, Chicago Circle; Mr. R. C. Wicklund, Assistant Secretary of the Board of Trustees and Assistant Secretary of the University; Mr. Eugene S. Pitcher, Assistant to the Director of the Physical Plant, Urbana; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. R. R. Manchester, Treasurer, and Dr. Earl W. Porter, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on May 16, 1967, press proof copies of which had previously been sent to the Board.

On motion of Mr. Clement, the minutes were approved as printed on pages 521 to 546 inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board considered the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

BUDGET FOR 1968 SUMMER QUARTER AND FACULTY APPOINTMENTS, MEDICAL CENTER

(1) Submitted herewith are the budget and appointments to the faculty for the 1968 Summer Quarter at the Medical Center from June 17 through August 31, 1968. The total budget is for salaries in the amount of \$23,401.

The salaries recommended are computed on the basis of one-third of the salary of the academic year for a full quarter of service, with proportionate amounts for shorter periods or for part-time service.

I recommend that these appointments to the summer quarter staff at the Medical Center be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes and adjustments and additional appointments as are necessary in accordance with the needs of the University within the allocations of funds indicated.

On motion of Mr. Grimes, these appointments and the summer session budget for the Medical Center campus were approved, and authority was given as requested; this action was taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

MEDICAL CENTER

College of Nursing

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
1. _____, Instructor.....	100	\$ 2 567 00
2. Mrs. Shirley Bhatena, Assistant Professor.....	50	1 517 00
3. Ruth Bonthron, Assistant Professor.....	100	2 900 00
4. Isabel MacRae, Assistant Professor.....	100	3 334 00
		(10 318 00)

College of Pharmacy

Department of Pharmaceutical Chemistry

1. Ludwig Bauer, Professor (June 17 through July 23).....	100	\$ 2 334 00
2. Dominick Coviello, Associate Professor (June 24 through August 31).....	100	2 017 00
3. 1.0 FTE Assistants.....	100	1 600 00
		(5 951 00)

Department of Pharmacy

1. Bernard Ecanow, Associate Professor (July 12 through August 6).....	100	\$ 1 455 00
2. Robert G. Mrtek, Assistant Professor (August 7 through August 31).....	100	1 222 00
3. Harold J. Rhodes, Assistant Professor (June 17 through July 11).....	100	1 355 00

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
4. Frederick Siegel, Associate Professor (June 17 through July 24).....	100	\$ 2 300 00
5. 0.5 FTE Assistants.....	50	800 00 (7 132 00)

HONORARY DEGREES, URBANA AND CHICAGO

(2) The University Senates at the Medical Center, Urbana, and Chicago Circle have recommended that honorary degrees be conferred upon the following and on the occasions indicated.

At the Commencement Exercises at the Medical Center on June 7, 1968

WILLIAM HUFFMAN STEWART, Surgeon General of the United States Public Health Service, the degree of Doctor of Science

At the Commencement Exercises at Urbana-Champaign on June 15, 1968

JOHN THOMPSON, Professor of Mathematics at the University of Chicago and at Cambridge University in England, the degree of Doctor of Science

At the Commencement Exercises at Chicago Circle on June 16, 1968

ROBBEN WRIGHT FLEMING, President of the University of Michigan, the degree of Doctor of Law

WARREN STURGIS McCULLOCH, Professor of Neurophysiology at the Massachusetts Institute of Technology, the degree of Doctor of Science

I concur in the recommendations of the Senates.

On motion of Mr. Hughes, these degrees were authorized as recommended.

DIRECTORSHIP OF THE KRANNERT CENTER FOR THE PERFORMING ARTS, URBANA

(3) I recommend the appointment of Mr. John Burrell, presently Visiting Stage Director and Lecturer in Theatre, as Director of the Krannert Center for the Performing Arts beginning June 16, 1968, at an annual salary of \$27,000 on a twelve-month service basis.¹

I also recommend that Mr. Burrell be appointed Professor of Theatre on indefinite tenure.

This recommendation has the concurrence of the Consultative Committee on the Selection of a Director for the Krannert Center for the Performing Arts,² the Dean of the College of Fine and Applied Arts, and the department heads involved with the program for the Center.

The Executive Vice-President and Provost, the Chancellor at Urbana, and the Dean of the Graduate College endorse this recommendation.

On motion of Mr. Hahn, this appointment was approved.

DIRECTOR OF UNIVERSITY OFFICE OF SCHOOL AND COLLEGE RELATIONS

(4) At its meeting on November 18, 1965, the Board of Trustees approved a revision of Section 47 of the University's *Statutes* creating the position of University Dean of Admissions and Records.

With the establishment of the chancellorship system and with the increased decentralization of administration under it, the title of "University Dean of Admissions and Records" no longer seems appropriate. One reason is that the term "Dean" tends to connote a relationship of line authority over the campus offices which was not intended in the statutory revision. Furthermore, the title does not

¹ This appointment will be from June 16, 1968, through August 31, 1969, which is consistent with the statutory provision of biennial tenure of deans and directors, such appointments coinciding with the fiscal biennium.

² Members of the Consultative Committee are: James R. Shipley, Professor of Art and Head of the Department, *Chairman*; Kenneth W. Blan, Student; John W. Briscoe, Professor of Civil Engineering and Associate Chancellor for Administration; Margaret Erlanger, Professor of Physical Education for Women; Barnard Hewitt, Professor of Theatre and Chairman of the Department, and Professor of Speech; Robert J. Maurer, Professor of Physics and Director of the Materials Research Laboratory; Bruno Netti, Professor of Music and of Anthropology; Charles G. Robbins, Student; Gilbert G. Wright, Assistant Professor of English; Ludwig E. Zirner, Professor of Music.

adequately suggest the full range of University-wide responsibilities which this office must increasingly exercise — under the general jurisdiction of the Executive Vice-President and Provost.

Accordingly, with the concurrence of the three chancellors and other administrative officers concerned, the Executive Vice-President and Provost recommends that the title "Director of the University Office of School and College Relations" be used after August 31, 1968, instead of "University Dean of Admissions and Records." No essential change in the duties or administrative relationships specified in Section 47(a) of the *Statutes* is contemplated.

The Executive Vice-President and Provost recommends further that Dr. E. Eugene Oliver be appointed to the position of Director of the University Office of School and College Relations, effective September 1, 1968, at an annual salary of \$23,700.

I concur.

On motion of Mr. Jones, the change in the title of this position was authorized and the appointment was approved.

DEANSHIP OF COLLEGE OF ENGINEERING, URBANA

(5) I recommend the appointment of Dr. Daniel C. Drucker, presently Professor of Engineering and L. Herbert Ballou University Professor at Brown University, as Dean of the College of Engineering at Urbana, beginning November 15, 1968, at an annual salary of \$32,000 on a twelve-month service basis.¹

I also recommend that Dr. Drucker be appointed Professor of Civil Engineering on indefinite tenure.

The recommendation is based upon a report from a Consultative Committee and follows consultation with the Executive Committee of the College.

The appointment of Dr. Drucker will fill the vacancy which will be created by the retirement of Dean William L. Everitt at the end of the current academic year.

The Executive Vice-President and Provost, the Chancellor at Urbana, and the Dean of the Graduate College endorse this recommendation.

On motion of Mr. Hahn, this appointment was approved.

HEADSHIP OF DEPARTMENT OF OBSTETRICS AND GYNECOLOGY, MEDICAL CENTER

(6) The Dean of the College of Medicine recommends the appointment of Dr. Ralph M. Wynn, presently Associate Professor of Obstetrics and Gynecology at the Downstate Medical Center of the State University of New York, Brooklyn, as Professor of Obstetrics and Gynecology on indefinite tenure and Head of the Department beginning October 1, 1968, at an annual salary of \$34,000 on a twelve-month service basis.

Dr. Wynn will succeed Professor William F. Mengert who will retire September 1, 1968.

The nomination was initiated by a search committee² and is made after consultation with all members of the faculty of the department of the rank of assistant professor and above. The Executive Vice-President and Provost, the Chancellor at the Medical Center, and the Dean of the Graduate College endorse the recommendation.

I recommend approval.

On motion of Mr. Hughes, this appointment was approved.

HEADSHIP OF DEPARTMENT OF POLITICAL SCIENCE, URBANA

(7) The Dean of the College of Liberal Arts and Sciences, Urbana, recommends the appointment of Dr. Phillip Monypenny, presently Professor of Political Science and in the Institute of Government and Public Affairs, as Head of the De-

¹This appointment will be from November 15, 1968, through August 31, 1969, which is consistent with the statutory provision of biennial tenure of deans, such appointments coinciding with the fiscal biennium.

²Lloyd M. Nyhus, Professor and Head of the Department of Surgery, *Chairman*; Harry Boysen, Clinical Professor of Obstetrics and Gynecology; Robert J. Leider, Assistant Professor of Psychiatry and Acting Head of the Department; Edwin J. Liebner, Professor of Radiology; Edith K. Macrae, Professor of Anatomy; Irving Shulman, Professor of Pediatrics and Head of the Department.

partment of Political Science beginning September 1, 1968, at an annual salary of \$25,800, divided as follows: \$19,475 as Professor of Political Science and \$2,000 as Head of the Department, on an academic-year service basis; and \$4,325 for service to the Institute of Government and Public Affairs during the summer.

Professor Monypenny will succeed Professor Victor A. Thompson who has asked to be relieved of this administrative assignment as of August 31, 1968.

This recommendation is submitted after consultation with members of the Department and with the approval of the Executive Committee of the College, the Executive Vice-President and Provost, the Chancellor at Urbana, and the Dean of the Graduate College.

I concur.

On motion of Mr. Jones, this appointment was approved.

HEADSHIP OF DEPARTMENT OF PHYSICAL EDUCATION FOR MEN. URBANA

(8) The Dean of the College of Physical Education recommends the appointment of Dr. Rollin G. Wright, presently Associate Professor of Physical Education for Men and Counselor in Teacher Education as Professor of Physical Education for Men on indefinite tenure and Head of the Department for one year beginning September 1, 1968, on an academic-year service basis at an annual salary of \$17,000 divided: \$15,000 as Professor of Physical Education for Men and \$2,000 as Head of the Department.

This recommendation is made after consultation with all members of the faculty of the department of the rank of assistant professor and above.

The Chancellor at Urbana and the Dean of the Graduate College endorse the recommendation.

I recommend approval.

On motion of Mr. Williamson, this appointment was approved.

APPOINTMENTS TO THE FACULTY

(9) 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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A — indefinite tenure; P — indefinite term appointment for part-time service only; B — two years; D — one year; E — nine months from the beginning of the academic year; G — special tenure; Q — initial term appointment for Professor or Associate Professor; Y — twelve months' service required instead of two semesters; 1-7 — indicates the number of years of service which will be credited at the end of the contract period toward completion of the probationary period relating to tenure.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourth time).

Chicago Circle

1. JAMES E. LANDING, Assistant Professor of Geography, beginning September 1, 1968 (1), at an annual salary of \$13,000.
2. WILLIAM H. ROETZHEIM, Assistant Professor of Physical Education for Men, beginning September 1, 1968 (1), at an annual salary of \$10,250.
3. JOHN SADOUSKI, Assistant Professor of German and of Russian, beginning September 1, 1968 (1), at an annual salary of \$9,500.
4. HERBERT H. STENSON, Assistant Professor of Psychology, beginning September 1, 1968 (4), at an annual salary of \$12,200.

Medical Center

5. THOMAS O. HENDERSON, Assistant Professor of Biological Chemistry, College of Medicine, beginning September 1, 1968 (1Y), at an annual salary of \$12,000.
6. MARTEN M. KERNIS, Assistant Professor of Anatomy, College of Medicine, beginning September 1, 1968 (1Y), at an annual salary of \$12,000.
7. JOHN P. NAUGHTON, Associate Professor of Medicine and Coordinator of the Rehabilitation Center, College of Medicine, beginning July 1, 1968 (AY), at an annual salary of \$22,000.

8. MALCOLM V. VYE, Assistant Professor of Pathology, College of Medicine, and Assistant Director of Hospital Laboratories, beginning September 1, 1968 (1Y), at an annual salary of \$16,800.

Urbana-Champaign

9. JOHN A. BOSTROM, Psychiatrist and Assistant Professor of Health Science, in the Health Service, beginning March 11, 1968 (1Y), at an annual salary of \$21,500.
10. TERRY DENNY, Associate Professor of Elementary Education, beginning April 1, 1968 (QY), at an annual salary of \$19,500.
11. MICHAEL P. DOOLEY, Associate Professor of Law, beginning September 1, 1968 (Q), at an annual salary of \$16,000.
12. JOHN E. DOWELL, JR., Assistant Professor of Art, beginning September 1, 1968 (3), at an annual salary of \$11,000.
13. GERT EHRLICH, Professor of Physical Metallurgy, Department of Mining, Metallurgy, and Petroleum Engineering, beginning September 1, 1968 (A), at an annual salary of \$19,000.
14. ANTHONY F. GREGORC, Assistant Professor of Educational Administration and Supervision and Principal of University High School, beginning September 1, 1968 (1Y, DY), at an annual salary of \$16,500.
15. DONALD E. JOHNSON, Assistant Professor of Animal Science, College of Agriculture and Agricultural Experiment Station, beginning July 1, 1968 (1Y), at an annual salary of \$12,500.
16. LORELLA M. JONES, Assistant Professor of Physics, beginning September 1, 1968 (1), at an annual salary of \$10,000.
17. ENRICO PERESSUTTI, George A. Miller Professor in the Department of Architecture, for the period from April 15, 1968, through May 27, 1968 (G), at a salary of \$6,000.
18. LAWRENCE ROSEN, Assistant Professor of Anthropology and Fellow in the Center for Advanced Study, for two months from June 16, 1968, at a salary of \$2,222; he will be reappointed September 1, 1968.
19. ROBERT L. SLATER, Assistant Professor of Veterinary Pathology and Hygiene, College of Veterinary Medicine, beginning July 1, 1968 (1Y), at an annual salary of \$10,000.
20. MICHAEL J. SPORAKOWSKI, Assistant Professor of Family Relationships, in Home Economics, beginning September 1, 1968 (3Y), at an annual salary of \$13,500.
21. LAWRENCE W. WAGGONER, Associate Professor of Law, beginning September 1, 1968 (Q), at an annual salary of \$16,000.
22. JACK M. WIDHOLM, Assistant Professor of Plant Physiology, Department of Agronomy, beginning May 1, 1968 (1Y), at an annual salary of \$14,000.
23. ROBERT C. WILLIGES, Assistant Professor of Psychology and Assistant Director of Highway Traffic Safety Center, for the period from April 16, 1968, through August 31, 1968 (G), at a salary of \$5,000.
24. RONALD W. WOODHEAD, Professor of Civil Engineering, beginning September 1, 1968 (A), at an annual salary of \$14,500.

Administrative Appointments

25. DALE NORMAN BROSTROM, Director of Chicago Circle Center, Chicago Circle, beginning July 1, 1968 (DY), at an annual salary of \$18,000.
26. CLARENCE SHELLEY, Assistant Dean of Student Personnel, Dean of Students' Office, and Assistant to the Chancellor, Urbana, beginning July 1, 1968 (DY), at an annual salary of \$16,000.

On motion of Mr. Jones, these appointments were confirmed.

APPOINTMENTS TO BOARD OF ADVISORS IN CENTER FOR ADVANCED STUDY, URBANA

(10) Upon recommendation of the Dean of the Graduate College and with the concurrence of the Chancellor at Urbana-Champaign, I submit the following nominations for appointments as Advisors in the Center for Advanced Study, effective immediately and continuing for a period of three years.

SIR ERIC ASHBY, Master, Clare College, Cambridge, England

- THOMAS G. AYERS, President, Commonwealth Edison Company, Chicago
 ARNOLD O. BECKMAN, Chairman of the Board, Beckman Instruments, Inc., Fullerton, California
 CHARLES FRANKEL, Professor of Philosophy, Columbia University
 MURRAY GELL-MANN, Professor of Physics, California Institute of Technology
 PHILIP HANDLER, Chairman, Department of Biochemistry, Duke University
 CARL KAYSER, Director, The Institute for Advanced Study, Princeton, New Jersey
 C. VIRGIL MARTIN, President, Carson Pirie Scott & Co., Chicago
 WILLIAM L. PEREIRA, William L. Pereira & Associates, Planning and Architecture, Los Angeles
 JAMES RESTON, Executive Editor, *The New York Times*, New York City
 GORDON N. RAY, President, John Simon Guggenheim Memorial Foundation
 HENRY W. RIECKEN, Vice-President, Social Science Research Council, Washington, D.C.
 DORE SCHARY, Motion Picture Producer and Playwright
 FREDERICK SEITZ, President, National Academy of Sciences; President-Elect, The Rockefeller University
 JOHN H. SENGSTACKE, Editor and Publisher, *Chicago Daily Defender*
 JOSEPH R. SLATER, President, The Salk Institute, San Diego, California
 RALPH W. TYLER, Director Emeritus, Center for Behavioral Sciences, Stanford, California

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

SABBATICAL LEAVE OF ABSENCE, 1968-69

(11) In accordance with the provisions of the University of Illinois *Statutes*, I recommend that Professor Margaret Erlanger, Professor of Physical Education for Women at Urbana-Champaign, be given a sabbatical leave of absence on one-half pay for the full academic year 1968-69, to study the present status and developmental projects of graduate dance programs in selected state universities and private institutions in the United States.

This recommendation is supplementary to the applications recommended to the Board of Trustees on March 20 and April 17, 1968.

On motion of Mr. Hahn, this leave was granted as recommended.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(12) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Illinois Accountancy Act of 1943, as amended, 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>States from Which They Obtained Certificates</i>
DAVID WILLIAM FLEMING	Litchfield	Missouri
DONALD LEE FREEMAN	Decatur	Missouri
PHIL FELIX GIANNATTASIO	Berwyn	District of Columbia

I concur.

On motion of Mr. Grimes, these certificates were awarded.

SUMMER SPEECH CLINICS

(13) The Director of the Division of Services for Crippled Children and the Chancellor at the Medical Center recommend that the Division be authorized to continue speech clinics during the summer of 1968 at the following institutions on a reimbursable cost basis:

	<i>Estimated Cost</i>
Augustana College, Rock Island.....	\$14 680 00
Northern Illinois University, DeKalb.....	26 219 81
Southern Illinois University, Carbondale.....	11 845 00
Illinois State University, Normal.....	18 869 00
	<u>\$71 613 81</u>

Funds are available in the budget of the Division of Services for Crippled Children.

I concur.

On motion of Mr. Clement, authority was given as requested, by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

APPROPRIATION FOR NONRECURRING EXPENDITURES, URBANA

(14) The Executive Vice-President and Provost and the Vice-President and Comptroller recommend the following appropriation from the University General Reserve:

Renovation and remodeling for which funds are assigned to the Physical Plant Department
Exterior repairs and maintenance improvements to the Hott Memorial Center \$22 690 00

I concur.

On motion of Mr. Williamson, this appropriation was made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

CONTRACT FOR ARCHITECTURAL AND ENGINEERING SERVICES, PHASE III, CHICAGO CIRCLE

(15) The President of the University, with the concurrence of appropriate administrative officers, recommends employment of Skidmore, Owings & Merrill, Chicago, at an estimated fee of \$69,300, for complete architectural and engineering services for Site Development and Coordinating Services, Phase III, Chicago Circle, with fees based on actual costs of services of technical personnel employed plus 150 per cent of such costs. Technical personnel will include partners and all others assigned to the project exclusive of general office employees. The University will reimburse the firm for other expenses covered, including travel, subsistence and fees of special consultants when authorized at the actual costs.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

On motion of Mr. Hahn, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

CONTRACT FOR PURCHASE OF EQUIPMENT FOR THE UTILITIES DISTRIBUTION SYSTEM, PHASE III, CHICAGO CIRCLE

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends award, subject to release of funds by the Governor, of a contract for \$79,799.50 to The Okonite Company, LaGrange, for furnishing and delivery of 12KV power cable for the Utilities Distribution System, Phase III, Chicago Circle campus.

Funds are available in state capital appropriations to the University for 1967-69, subject to release.

On motion of Mr. Hughes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR PURCHASE OF EQUIPMENT FOR THE UTILITIES BUILDING ADDITION, PHASE III, CHICAGO CIRCLE

(17) The President of the University, with the concurrence of appropriate admin-

istrative officers, recommends that the Board of Trustees request the Illinois Building Authority to award a contract for \$124,365 to the low bidder, Allis-Chalmers Manufacturing Co., Milwaukee, Wisconsin, for Division "308" — furnishing and delivering switchgear and related electrical equipment — and proceed to procure for the use of the University this equipment which is required for the electrical distribution system at the Utilities Building Addition, Chicago Circle.

The equipment is a part of the project for Chicago Circle, Phase III, construction, which the Board, on July 26, 1967, requested the Illinois Building Authority to provide. The Authority will finance the construction and lease the facilities to the University for rental payments, for which State appropriations are available. Jurisdiction of the land on which the project will be constructed will be transferred to the Authority at a later date prior to construction.

It is also recommended that the Comptroller and the Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments of transfer, conveyance, lease, contract, and other documents as are necessary to provide for the carrying out of the foregoing project and purchase of equipment by the Illinois Building Authority. It is further recommended that the resolution submitted herewith be adopted to implement the official actions required.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to Allis-Chalmers Manufacturing Co., P. O. Box 512, Milwaukee, Wisconsin, 53201, a contract for furnishing and delivering to the site switchgear and electrical equipment for 12.6 KV Switchgear, 4.16 KV Switchgear, 600 Volt Substation, 600 Volt Motor Control Center and a Battery Charger, all a part of the construction of the Utilities Building Addition, Chicago Circle, Phase III, for the fixed price of \$124,365.00.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Williamson, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

CONTRACTS FOR CONSTRUCTION OF EXTENSION OF THE UTILITIES DISTRIBUTION SYSTEM FOR SCIENCE AND ENGINEERING SOUTH, CHICAGO CIRCLE

(18) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for construction of Extensions of the Utilities Distribution System to Science and Engineering South, Chicago Circle, the award, in each case, to the lowest base bidder.

Underground utilities tunnel extension including electrical duct work — Abbott Contractors, Inc., Chicago.....	\$376 000 00
Underground tunnel piping — Delta Piping Company, Chicago.....	119 000 00

Funds are available in state capital appropriations to the University for 1967-69, subject to release by the Governor.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Jones, these contracts were awarded as recommended by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

CONTRACT FOR LABORATORY EQUIPMENT FOR SPACE VACATED BY ANIMAL HOSPITAL, FIRST UNIT DENTISTRY-MEDICINE-PHARMACY BUILDING, MEDICAL CENTER

(19) The President of the University, with the concurrence of the appropriate administrative officers, recommends award of a contract in the amount of \$21,788 to the Metalab Equipment Company, Hicksville, New York, the lowest bidder, for furnishing and setting in place laboratory equipment in the space vacated by the Animal Hospital in the First Unit Dentistry-Medicine-Pharmacy Building at the Medical Center campus.

This work is a part of a remodeling program for these areas which will provide senior offices and laboratories for the Department of Anatomy in the College of Medicine.

Funds for this work are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

CONTRACTS FOR THE AIR CONDITIONING OF SMITH MUSIC HALL, URBANA

(20) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for air conditioning Smith Music Hall, the award in each case to the lowest bidder.

<i>General Work on the Basis of Job Cost Plus Contractors' Fee</i>	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub-contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
Dean Evans Co., a Delaware Corporation, Champaign.....	7	26	3	\$3 250 00	\$28 250 00
Electrical — G. L. Wilsky, an individual doing business as Downtown Electric, Urbana.....					<i>Lump Sum Bid</i> \$ 6 475 00
Plumbing — Cool-Rite Mechanical Contractors Inc., a Delaware Corporation, Urbana.....					4 500 00
Heating and Air Conditioning — Cool-Rite Mechanical Contractors Inc., a Delaware Corporation, Urbana.....					103 697 00
Ventilation — Cool-Rite Mechanical Contractors Inc., a Delaware Corporation, Urbana.....					108 512 00

Since Cool-Rite Mechanical Contractors Inc., Urbana, is the lowest bidder for plumbing, heating, and air conditioning, and ventilation work, it is recommended that these awards be combined into a single contract.

Funds for this project are available in the state capital appropriations to the University for 1967-69 and have been released by the Governor.

Submitted herewith is a report from the Campus Architect, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Grimes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

CONTRACT FOR CONSTRUCTION OF PAVING IMPROVEMENTS TO SOUTH FIRST STREET ROAD, URBANA

(21) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract for \$158,711.15 to General Paving Company Incorporated, Champaign, the lowest bidder for construction of paving improvements to South First Street Road, from the end of the existing pavement south of St. Mary's Road to the south line of Gerty Drive, Urbana-Champaign.

Pursuant to an agreement entered into as authorized by the Board of Trustees on October 16, 1967, Urbana Township has vacated the right-of-way and title has been vested in the University.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Grimes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

CONTRACT FOR PAVING OF PARKING LOT, URBANA

(22) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract for \$107,393 to University Asphalt Company, Inc., Urbana, the lowest bidder, for paving of a parking lot at the southeast corner of Fourth Street and Pennsylvania Avenue, Champaign.

Funds are available in the Faculty-Staff Parking Fund.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Williamson, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE CONTRACT FOR CONSTRUCTION OF BEHAVIORAL SCIENCES BUILDING, PHASE III, CHICAGO CIRCLE

(23) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees request the Illinois Building Authority to authorize an increase of \$33,038.79 in the contract with Turner Construction Company, Chicago, for general construction work on the Behavioral Sciences Building, Chicago Circle.

Funds are available in the project budget for this work.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

INCREASE IN CONTRACT FOR ARCHITECTURAL SERVICES, CHICAGO CIRCLE

(24) On October 20, 1965, the Board of Trustees approved the employment of Skidmore, Owings & Merrill, Chicago, for continuation of studies on the campus master plan for the Chicago Circle campus. The contract states that, in addition to their architectural fee, the architects shall be reimbursed for certain costs necessarily incurred in the performance of their services including models prepared outside their office as authorized by the University.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends an addition to this contract in the amount of \$19,595 for construction to update the model of the Chicago Circle campus.

Funds are available in state capital appropriations to the University from the Universities Building Fund and have been released by the Governor.

On motion of Mr. Jones, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

EMPLOYMENT OF ENGINEER AND ARCHITECT, URBANA

(25) The President of the University, with the concurrence of appropriate administrative officers, recommends employment of DeLeuw, Cather & Company, Chicago, in association with Loebel, Schlossman, Bennett & Dart, Inc., Chicago, for complete engineering and architectural services, including design and preparation of working drawings and not including supervision during construction, at a fee of 5 per cent of actual construction cost for construction of a parking structure, Urbana-Champaign.

Funds are available in the Faculty-Staff Parking Fund.

The Committee on Buildings and Grounds and the Advisory Committee on Architectural and Engineering Services have approved this recommendation.

The project will require approval of the Illinois Board of Higher Education.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

AMENDMENTS OF "THE GENERAL RULES CONCERNING UNIVERSITY ORGANIZATION AND PROCEDURE": SECTIONS 7 AND 27**Office of Nonacademic Personnel and Terms of Employment of Nonacademic Employees**

(26) As a part of the current review of administrative organization, consideration has been given to organization of the personnel function. The Director of Nonacademic Personnel has reviewed this question with the three Chancellors and has submitted a draft statement for comment by the three campus Nonacademic Personnel Advisory Committees and by the University of Illinois members of the Employees Advisory Committee of the University Civil Service System of Illinois. The results of these reviews were, in turn, considered by the All-University Nonacademic Personnel Advisory Committee.

In the light of these reviews and at the recommendation of the Vice-President and Comptroller and the Director of Nonacademic Personnel, I recommend approval of revisions in the *General Rules Concerning University Organization and Procedure* as set forth below. Language to be deleted is in parentheses and new language is in italics.

Office of Nonacademic Personnel

Sec. 7. The Director of Nonacademic Personnel is responsible, under the executive authority of the President, for the administration of policy and rules relating to compensation and working conditions of nonacademic employees as (adopted) *authorized* by the Board of Trustees and the Merit Board of the University Civil Service System of Illinois, and for the performance of such other duties as may be assigned to him by the President. The policies and rules are published separately under the title "Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees."

Terms of Employment of Nonacademic Employees

Sec. 27. (a) All employment of nonacademic staff members is controlled by the law and the rules governing the University Civil Service System of Illinois. These include provisions for employment on merit through a system of examinations, the establishment of job classifications and the assignment to such classifications of all positions, and the establishment of appropriate salary ranges for each classification. (The employment of all new members of the staff and any changes in status of present members are processed through the Office of Nonacademic Personnel. Promotions either through salary increases or through changes in classification are processed through the same channels. All pay rates are subject to approval of that office. Transfers between departments should not be proposed or agreed to until they have been approved by the Nonacademic Personnel Office. b.) Detailed rules and regulations are published separately in the "Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees" as authorized (and approved) by the Board of Trustees.

(b) *The Director of Nonacademic Personnel is assigned the responsibility and authority for —*

- (1) *Reviewing and continuously evaluating the nonacademic personnel policies, rules, standards, procedures, and practices throughout the University with particular reference to their effectiveness in furthering the goals of the University.*
- (2) *Developing and obtaining any necessary approvals of new and revised University-wide policies, rules, standards, and procedures.*
- (3) *Providing professional advice to each Chancellor regarding his establishment and maintenance of a campus Personnel Services Office.*
- (4) *Establishing criteria for bargaining units.*
- (5) *Establishing parameters for and maintaining cognizance over each negotiation.*
- (6) *Formulating action, as appropriate, to assure conformance with rules and regulations issued by governmental regulatory agencies in the personnel field.*
- (7) *Making himself available to the Chancellors and the University General Officers and their staffs for consultation, advice, and assistance on all matters relating to nonacademic personnel.*
- (8) *Advising Chancellors and University General Officers and their staffs on requests for exceptions to or deviations from established personnel policies, rules, standards, and procedures and for taking or recommending action, as appropriate.*
- (9) *Reviewing the application of policies, rules, standards, and procedures by the Chancellors and the University General Officers and their staffs and for advising these officials on instances of effective or ineffective performance.*
- (10) *Providing personnel services to the University General Offices.*
- (11) *Acting as principal liaison officer between the University and governmental agencies with responsibilities relating to nonacademic personnel.*
- (12) *Carrying out such other functions and responsibilities as assigned by the President.*

(c) *A campus Personnel Services Office shall be established at each campus by the Chancellor for that campus. The head of the office is recommended by that Chancellor in consultation with the Director of Nonacademic Personnel. In general, each campus Personnel Services Office is assigned responsibility regarding nonacademic personnel within University-wide policies, rules, and procedures for —*

- (1) *Recruiting employees.*
- (2) *Processing personnel transactions.*
- (3) *Advising and assisting departmental supervision in the application of University policies, rules, and procedures.*
- (4) *Coordinating programs for employee development and training.*
- (5) *Administering the compensation system.*
- (6) *Negotiating and recommending the terms of labor agreements.*
- (7) *Performing such Civil Service functions as are delegated to the University by the Merit Board and assigned to the campus by the University.*
- (8) *Carrying out other functions as assigned by the Chancellors.*

The changes will be reflected in a new edition of the University of Illinois Statutes and *The General Rules Concerning University Organization and Procedure.*

A detailed description of University-wide rules for the organization of the personnel function and the respective responsibilities of personnel staff and other University officials is to be found in Chapter II of the *Policy and Rules* which I intend to issue after action by the Trustees on the proposed revision in the *General Rules.*

On motion of Mr. Jones, these revisions were approved to become effective at each campus upon the transfer of the executive responsibility of the campus Personnel Services Office from the Director of Nonacademic Personnel to the Chancellor.

**AGREEMENT FOR THE OPERATION OF THE ANIMAL DIAGNOSTIC
AND RESEARCH LABORATORY, URBANA**

(27) For many years the University of Illinois and the Illinois Department of Agriculture have cooperated in the operation of the Animal Diagnostic and Research Laboratory, which provides diagnosis of animal diseases for the livestock industry, through veterinary practitioners.

The laboratory, housed in one of the buildings of the College of Veterinary Medicine in Urbana, is currently staffed by fifteen employees from the Division of Meat, Poultry, and Livestock Inspection, Illinois Department of Agriculture, and nine employees from the University. Of these, five from the Department and five from the University are classified as professional employees.

The cooperative relationships have heretofore been informal, with staff responsibility on each side channeled through a representative: a supervisor employed by the Department of Agriculture and a liaison representative named by the Dean of the College of Veterinary Medicine. The state currently provides approximately \$114,300 annually for the operation of the laboratory, but such funds are not merged with University funds. Throughout the relationship there have been discussions as to whether operational responsibility should be exclusively that of the state or the University. However, each party is dependent on the other, and has so recognized over the years. The state receives expert professional assistance which it needs; the University receives indispensable clinical material for its instructional and research programs.

In recent years, the conviction has grown that a formal cooperative agreement should be entered into, largely to regularize the long-standing relationships but also to provide means of settling significant operational disagreements, should they arise. Accordingly, a formal Agreement now has been negotiated among the parties. It is based on previous University of Illinois experience with formal cooperative agreements and on a series of drafts exchanged among the parties.

The adoption of the agreement is recommended by the Chancellor and the Executive Vice-President and Provost.

I concur.

On motion of Mr. Hughes, this agreement was adopted.

ESTATE OF L. C. H. E. ZEIGLER

(28) L. C. H. E. Zeigler, a resident of Chicago, Illinois, died on March 17, 1961. By Will, he made a large number of bequests to various charitable and educational institutions. Two of these bequests described the beneficiary as follows: (1) University of Illinois — Chicago Research and Educational Hospitals, and (2) Illinois State University.

Mr. Zeigler's Will has now been admitted to probate and the trustees of the estate have determined that both of the above-mentioned bequests should be paid to The Board of Trustees of the University of Illinois. However, since these bequests must each be satisfied partially in kind by distribution of a \$3,000 face value municipal bond payable to bearer, the trustees of the estate have requested that The Board of Trustees of the University of Illinois adopt a resolution.

I recommend adoption of the following resolution.

Resolution

WHEREAS, L. C. H. E. Zeigler, a resident of Chicago, Illinois, departed this life on the 17 day of March, 1961, leaving a Last Will and Testament and Codicil which have been duly admitted to probate in Cook County, Illinois, said Last Will and Testament containing provisions for bequests to the University of Illinois — Chicago Research and Educational Hospitals and Illinois State University; and

WHEREAS, each such bequest must be satisfied partially in kind by distribution of a \$3,000 face value municipal bond; and

WHEREAS, there are no restrictions on the use of these bequests; and

WHEREAS, Article XI of the Will contains certain precatory instructions directing that these bonds be held until maturity or call date; that said bonds are not to leave the legatee's treasury until called for payment or until said bond matures;

and that the legatee should be privileged to use the income or interest, as the case may be, until the bond matures or is called.

Now, Therefore, Be It Resolved, that the said bequests be and the same are hereby accepted by The Board of Trustees of the University of Illinois for the uses and purposes therein set forth; and

Be It Further Resolved that any one of the following named persons, to wit:

- C. C. DeLong, Bursar, University of Illinois
- David W. Bonham, Business Manager at the Medical Center campus
- James E. Osborn, Business Manager at the Chicago Circle campus

acting individually be and they each hereby are authorized to accept said bequests on behalf of The Board of Trustees of the University of Illinois and to execute and deliver to John O. Root, William Culbertson, Harold E. Stockburger, C. Stanley Staiger, and Lowell L. Kline, Executors of the Last Will and Testament and Codicil of said L. C. H. E. Zeigler, deceased, the receipt of The Board of Trustees of the University of Illinois in satisfaction thereof.

Be It Further Resolved that upon receipt of these securities they should be delivered to the First National Bank of Chicago for safekeeping and the income thereon shall be devoted to such purposes as the President of the University may direct.

On motion of Mr. Clement, the foregoing resolution was adopted.

PURCHASES

(29) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller. The list included a report of purchases authorized by the President since the last meeting of the Board.

The lists of "purchases authorized" and "purchases recommended" were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds

Purchases Recommended..... \$ 370 679 78

From Institutional Funds

Purchase Authorized..... \$ 13 316 86

Purchases Recommended..... 761 824 29

\$ 775 141 15

Total..... \$1 145 820 93

A complete list of the purchases authorized and recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Williamson, this recommendation was approved.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(30) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary of the Board.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(31) The Comptroller also submitted a monthly report of contracts executed.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Amalgamated Meat Cutters and Butcher Workmen of North America	Production of a labor history motion picture dealing with the 1904 meat packing industry strike in Chicago	\$ 6 000 00
University of Southern California (Subcontract with United States Navy, NONR-228-(22))	Training electronics technicians in the operation and maintenance of the AN/URC-32A radio transmitter	5 574 00
United States Department of Health, Education, and Welfare		
OEG-0-8-003058-3058(031)	Learning disabilities training fellowships	326 500 00
OEG-0-8-081316-2088(024)	Latin-arts and humanities	40 907 00
OEG-0-8-23004-1020	Education in librarianship fellowships	184 960 00
United States Navy		
N00014-67-A-0305-0012	Development of objective factor analytic procedures	13 217 00
N00014-67-A-0305-0013	Determinants of job performance	19 643 00
<i>Total</i>		<u>\$596 801 00</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Board of Education of the City of Chicago	Services of Patricia Kubistal to November 20, 1967, and Angeline de Castro to June 19, 1968, as coordinator of program of youth development and teacher education	\$ 8 175 00
Wm. Powell Company	To furnish and deliver railroad cars for use in the modernization program for campus steam system	5 963 00
<i>Total</i>		<u>\$14 138 00</u>

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Crop-Hail Insurance Actuarial Association	Hail risk analysis for Illinois	\$ 12 000 00
Kretschmer Wheat Germ Products	Relationship of wheat germ dietary supplement on physical fitness tests	2 500 00
United States Air Force		
AF 30(602)-4144	Experimentation in parallel computation	500 000 00
AF 30(602)-4144	Experimentation in parallel computation	1 800 000 00
AF 30(602)-4144	Experimentation in parallel computation	1 700 000 00
AF-AFOSR-889-67	Anatomy of insect central nervous system	17 624 00
United States Army		
DAAB07-67-C-0199	Development of techniques for military applications in accordance with technical guidelines	370 000 00
United States Atomic Energy Commission		
AT(11-1)-890	Mechanism of radiation-induced addition of tritium to carbon-carbon double bonds	16 000 00
AT(11-1)-890	Mechanism of radiation-induced addition of tritium to carbon-carbon double bonds	15 009 00
AT(11-1)-1195	Elementary particle interactions in the high energy regions	176 000 00
United States Department of Health, Education, and Welfare		
OEG 3-6-062063-1559	Education of behaviorally disordered children in the public school setting	108 828 00
PH-43-67-45	Medical education project	268 092 00
United States Navy		
N00014-67-A-0305-0003	Structure of individual differences in psychological phenomena	26 796 00
N00156-67-C-1875	Fatigue life of residual stresses in notched aircraft member subjected to spectrum loading	59 510 00
N00228-66-C-0311	Nuclear radiation shielding by ribbed slabs	10 000 00
<i>Total</i>		<u>\$5 082 361 00</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Admiral Heating & Ventilating, Inc.	Cost-plus contract --- piping	Dentistry-Medicine-Pharmacy Building, First Unit \$ 7 543 00
Barber & DeAtley, Inc.	Cost-plus contracts --- general	Architecture Building 2 600 00 Art Sculpture Building 4 000 00 Bevier Hall 4 300 00 David Kinley Hall 6 000 00 East Chemistry Building 3 400 00 Lincoln Hall 8 000 00 McKinley Hospital 3 900 00 1204 West Oregon Street 5 200 00 Talbot Laboratory 2 700 00
Cool-Rite Refrigeration	Cost-plus contract --- heating	912 West Illinois Street 3 881 00
Emeric Electric, Inc.	Cost-plus contracts --- electrical	909 West California Avenue 3 000 00 East Chemistry Building 6 500 00 Gregory Hall 2 600 00
Dean Evans Company	General	912 West Illinois Street 3 992 00 Smith Memorial Hall 5 000 00
Fries Walters Company	Cost-plus contracts --- electrical	Audio and video cables between 909 and 910 buildings 2 591 00 Dentistry-Medicine-Pharmacy Building, Second Unit 20 941 00 East Dentistry-Medicine-Pharmacy Building 5 375 00 Hull House --- Services Building 5 000 00
Jamar-Olmen Co.	Cost-plus contracts --- ventilating and sheet metal	Burnham Hall Basement 2 500 00 East Dentistry-Medicine-Pharmacy Building 4 800 00 Library Building 2 500 00
Gust K. Newberg Construction Co.	General	Site Development, Phase II 8 718 00
Simpson Construction Co.	Cost-plus contracts --- general	East Dentistry-Medicine-Pharmacy Building 9 900 00 General Hospital, 21 000 00 Research and Educational, Illinois Surgical Institute, Neuropsychiatric Institute Library Building 3 500 00
Thomas Plumbing & Heating Co.	Cost-plus contracts --- plumbing	East Chemistry Building 4 200 00 Mechanical Engineering Laboratory 4 500 00
<i>Total</i>		<u>\$168 141 00</u>

Summary

Amount to be paid to the University.....	\$5 679 162 00
Amount to be paid by the University.....	182 279 00

This report was received for record.

INVESTMENT REPORT Report of the Finance Committee

(32) The Finance Committee reported the following changes in investments of endowment funds for the month of March, 1968:

BECKWITH

Sale

242 shares Consolidated Natural Gas common stock.....	\$ 6 597 68
133 shares Hunt Foods and Industries common stock.....	7 828 94
200 shares Joy Manufacturing common stock.....	6 031 37
198 shares Union Oil Co. of California common stock.....	11 409 75

MILLER

Purchase

800 shares Monarch Life common stock.....	22 100 00
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Pool

Sale

700 shares CNA Financial Corp. common stock.....	19 600 00
155 shares CNA Financial Corp. \$1.10 CmCv preferred stock.....	3 293 75
600 shares Cutler Hammer common stock.....	26 160 78
800 shares Honeywell, Incorporated, common stock.....	96 389 26
330 shares Stewart-Warner common stock.....	9 739 05

Purchase

\$13 000 Walter E. Heller open-end demand notes.....	13 000 00
600 shares First National City Bank common stock.....	43 000 00
100 shares General Electric common stock.....	10 599 55
200 shares Illinois Power Company common stock.....	7 475 00
1 000 shares Middle South Utilities common stock.....	23 931 30
600 shares Oklahoma Gas and Electric common stock.....	15 050 83
1 500 shares Otis Elevator common stock.....	60 672 92
500 shares Reynolds Metals Company common stock.....	24 277 80
100 shares Texas Instruments common stock.....	11 300 25

Rust

Sale

400 shares American Cyanamid common stock.....	10 400 00
200 shares Container Corp. of America common stock.....	5 633 38
200 shares General Foods Corp. common stock.....	13 458 16
700 shares Niagara Mohawk Power Company common stock.....	13 524 56
200 shares Owens Illinois Glass common stock.....	10 406 28
400 shares PepsiCo common stock.....	15 037 68
300 shares Public Service Electric and Gas common stock.....	6 683 47
244 shares Standard Oil of California common stock.....	15 186 02

Purchase

\$38 000 U.S. Treasury bills due 2/28/69.....	36 244 40
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YARROS

Sale

68 shares CNA Financial Corp. common stock.....	1 904 00
85 shares CNA Financial Corp. \$1.10 CmCv preferred stock.....	1 785 00
375 shares Peoples Gas common stock.....	12 695 92

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he had been authorized to make, for the month of March, 1968:

Current Funds

RESTRICTED (Chicago Circle)

Purchase

\$36 000 General Motors Acceptance Corp. notes due 10/2/69.....	36 000 00
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RESTRICTED GROUP

Sale (in early December)

\$1 000 000 Federal National Mtg. Assn. notes due 12/18/67.....	998 113 89
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Purchase

\$1 000 000 Continental Illinois National Bank C/D due 6/28/68...	1 000 000 00
1 500 000 Federal National Mortgage Association notes due 7/22/68.....	1 469 400 00

Construction Funds

BONDS OF 1964 AUXILIARY (Medical Center)

Purchase

\$106 000 U.S. Treasury bills due 4/25/68.....	105 649 17
35 000 U.S. Treasury bills due 5/9/68.....	34 815 58

DENTISTRY-MEDICINE-PHARMACY (Medical Center)		
Purchase		
\$33 000 U.S. Treasury bills due 4/25/68.....		32 888 95
KRANNERT CONTRIBUTIONS		
Purchase		
\$ 67 000 U.S. Treasury bills due 12/31/68.....		66 199 37
285 500 Cargill 5½ per cent notes due 6/30/76.....		285 500 00
18 000 Federal Land Banks 5¾ per cent bonds due 7/20/76.....		17 730 00
ORCHARD APARTMENTS		
Sale		
\$30 000 U.S. Treasury 4¼ per cent notes due 8/15/68.....		29 831 25
UNION (Chicago Circle)		
Purchase		
\$10 000 U.S. Treasury bills due 5/16/68.....		9 912 50
UNION AND RESIDENCE HALL (Medical Center)		
Purchase		
\$10 000 U.S. Treasury bills due 6/13/68.....		9 870 07
<i>Sinking Funds</i>		
ASSEMBLY HALL		
Sale		
\$89 000 U.S. Treasury bills due 6/30/68.....		88 665 00
DENTISTRY-MEDICINE-PHARMACY RESERVE (Medical Center)		
Purchase		
\$7 000 U.S. Treasury 4 per cent bonds due 2/15/80.....		5 957 50
HOUSING REVENUE BONDS		
Purchase		
\$44 000 U.S. Treasury bills due 3/22/68.....		43 904 30
ILLINI UNION AND HEALTH CENTER		
Sale		
\$1 000 U.S. Treasury 3¾ per cent bonds due 8/15/68.....		993 44
MEN'S RESIDENCE HALLS OF 1957		
Purchase		
\$26 000 U.S. Treasury bills due 2/28/69.....		24 693 64
STUDENT SERVICES BUILDING		
Purchase		
\$7 000 U.S. Treasury bills due 2/28/69.....		6 648 29
UNION (Chicago Circle)		
Purchase		
\$351 000 U.S. Treasury bills due 10/31/68.....		339 585 19

This report was received for record.

**INCREASE IN CONTRACT FOR ILLIAC IV FOR EMPLOYMENT
OF ENGINEER AND ARCHITECT FOR REMODELING
DIGITAL COMPUTER LABORATORY, URBANA**

(33) On July 27, 1967, the Board of Trustees approved the award of a contract to Burroughs Corporation for the fabrication of Illiac IV and certain components and related work.

This computer is to be installed in the Digital Computer Laboratory, Urbana, which will need to be remodeled to accommodate the equipment and to permit its efficient operation. The total cost of this remodeling project, including architectural and engineering work, is estimated to be \$1,000,000.

It is now proposed that the contract with Burroughs Corporation be amended to include complete architectural and engineering services through the preparation of bid documents for the remodeling of the Digital Computer Laboratory, Urbana,

to accommodate the installation of Illiac IV. The amendment to the contract will require that the Burroughs Corporation, Paoli, Pennsylvania, associate with the architectural firm of Eshbach Pullinger Stevens & Bruder, Philadelphia, Pennsylvania, in providing these services. The University will retain the right of normal approvals of the preparation of bid documents. This additional work will be compensated on a cost-plus fee basis with costs not to exceed approximately \$73,000 plus normal reimbursable expenses.

The Advisory Committee on Architectural and Engineering Services has approved this recommendation.

Federal funds for these architectural and engineering services are available, subject to approval of the United States Department of Defense.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends, subject to the availability of funds, that the Burroughs contract referred to herein, be amended in accordance with the proposal outlined above.

On motion of Mr. Jones, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

REPORT OF THE FINANCE COMMITTEE

(34) Mr. Grimes for the Finance Committee presented the following report:

Purchases, Contracts, and Contract Change Orders

In view of the increasing volume of purchases requiring Board approval and the change in the value of the dollar, the Committee has considered the desirability of increasing the minimum dollar amount of purchases, contracts, and change orders which require specific approval by the Board of Trustees. The Committee has received an analysis and recommendation on this question from the Comptroller in which the President concurs.

Accordingly, the Committee now recommends that prior actions by the Board of Trustees relating to the amounts of individual purchases, contracts, and change orders which must be presented for specific approval by the Board of Trustees be deemed amended to increase the same to \$7,500 in the case of purchases and contracts and to \$12,500 in the case of contract change orders.

Purchases, contracts, and contract change orders in excess of \$5,000 and up to the new minima recommended will be reported to the Board of Trustees.

On motion of Mr. Grimes, the report was adopted.

SECRETARY'S REPORT

The Secretary presented for record appointments to the faculty made by the President; resignations; leaves of absence; and retirements. A copy of the report is filed with the Secretary.

ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD FUTURE BOARD MEETINGS

President Swain reminded the Trustees that the next two meetings of the Board will be held on June 19, 1968, in Chicago, and on July 24, 1968, in Urbana.

RECESS

On motion of Mr. Clement, the regular meeting was recessed and the President of the Board stated that meetings of the Committees on Buildings and Grounds and General Policy had been called and that an executive session had been requested and was being ordered to consider recommendation relating to property acquisitions, pending litigation, and personnel items.

EXECUTIVE SESSION

When the Board reconvened, the same members of the Board, officers

of the Board, and officers of the University as recorded at the beginning of these minutes were present.

The Board considered the following recommendations from the President of the University.

PURCHASE OF 1108 WEST MAIN STREET, URBANA

(35) The President of the University, with the concurrence of appropriate administrative officers, recommends that The Board of Trustees of the University of Illinois request the University of Illinois Foundation to purchase the property at 1108 West Main Street, Urbana, for the sum of \$25,750 and lease this property to the University at a rental sufficient to enable the Foundation to pay the interest costs on the loan secured to finance its acquisition. This property is 66 feet by 132 feet (8712 square feet) and is improved with an older frame dwelling.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

LAND ACQUISITION, CHICAGO CIRCLE CAMPUS

(36) The Buildings and Grounds Committee (May 16, 1967) approved the acquisition of approximately forty-one acres of land (bounded by Roosevelt Road, Halsted Street, 14th Place, and Morgan Street) for expansion of the Chicago Circle Campus, including a site for the Physical Education building, at a cost not to exceed \$1.50 per square foot. Subsequently, the legislature appropriated \$3,169,000 which is now available, subject to release by the Governor.

The City has planned its acquisition of the forty-one-acre area in stages. In the first stage, the University will be allocated approximately fourteen acres (bounded by Roosevelt Road, Newberry Avenue, Maxwell Street, and Morgan Street).

The re-use appraisals on the fourteen-acre area to be acquired by the University at this time range from \$1.15 to \$1.21 per square foot. Based on these appraisals it is recommended that authorization be given to submit an offer to the city of Chicago on the fourteen acres of land, cleared of all improvements, within the above range of appraisals and to execute a contract in a form approved by the Vice-President and Comptroller, the University Director of Physical Plant Planning and Construction, and the Legal Counsel, if the offer is accepted by the city.

On motion of Mr. Williamson, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page, Mr. Pogue, Dr. Weatherly.

REPORTS ON PENDING LITIGATION AND PERSONNEL ITEMS

The President of the University then called on the Legal Counsel who presented a brief report on items of pending litigation.

At the request of the President, Mr. Farber and Mr. Oscar Smith reported on pending contract negotiations with the storekeepers employed at the two Chicago campuses on the status of their absence from work and possible work stoppage.

On motion of Mr. Hahn, the Board adjourned.

EARL W. PORTER
Secretary

TIMOTHY W. SWAIN
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS
AND OF COMMITTEES OF THE BOARD

June 19, 1968



FINANCE COMMITTEE

On call of the Chairman, a meeting of the Finance Committee was held in Room J of the LaSalle Hotel, Chicago, Illinois, on Wednesday, June 19, 1968, beginning at 12:30 p.m.

Present were: Mr. Donald R. Grimes, Chairman; Mr. Howard W. Clement, Mr. Kenney E. Williamson. Other Trustees present were: Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Timothy W. Swain. Also present were: President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor J. W. Peltason, University of Illinois at Urbana-Champaign; Dr. Eldon Johnson, Vice-President of the University; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, Legal Counsel; Dr. Daniel C. McCluney, Dean of Faculties, Chicago Circle; Mr. R. C. Wicklund, Assistant Secretary of the Board of Trustees and Assistant Secretary of the University; Mr. Eugene S. Pitcher, Assistant to the Director of the Physical Plant, Urbana, and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. R. R. Manchester, Treasurer, and Dr. Earl W. Porter, Secretary.

The Committee considered the following item of business.

OPERATING BUDGET FOR 1968-69

The President of the University presented the Operating Budget for 1968-69 and with other University officers reviewed its general emphasis with regard to salaries and program. Copies of the complete budget and the condensed analysis and summaries had been sent for study to all Trustees a week in advance of the meeting. After discussion, on motion of Mr. Williamson, the Committee unanimously approved the operating budget for 1968-69, as recommended.

The Committee adjourned.

**JOINT MEETING OF THE FINANCE COMMITTEE
AND THE COMMITTEE ON BUILDINGS AND GROUNDS**

On call of the Chairmen, a joint meeting of the Finance Committee and the Committee on Buildings and Grounds was held in Room J of the LaSalle Hotel, Chicago, Illinois, on Wednesday, June 19, 1968, following the meeting of the Finance Committee.

The same members of the Finance Committee were present as recorded in the minutes above. Present for the Committee on Buildings and Grounds were: Mr. Ralph C. Hahn, Chairman; Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Earl M. Hughes. Mr. Theodore A. Jones and Mr. Harold Pogue were absent. The same University officers were present as recorded in the Finance Committee minutes.

The committees considered the following item of business.

BIENNIAL BUDGET REQUEST FOR CAPITAL FUNDS, 1969-71

The President of the University and the Executive Vice-President and Provost presented and reviewed the Biennial Budget Request for Capital Funds for 1969-71, for the joint consideration by the two committees. Copies of this document had been sent to members of the Board of Trustees one week in advance of the meeting.

Also presented was a supplemental memorandum requesting an addition to the request for equipment for conversion from black-white to color television.

In the discussion of the biennial request, particular attention was given to proposed construction to enable the University to serve larger enrollments, both immediately and in succeeding biennia.

By agreement, the committees considered the capital requests in joint session and discussion but acted separately; the presiding officer in each case being the respective chairman of each committee.

On motion of Mr. Hughes, the Buildings and Grounds Committee approved the biennial budget request for capital funds for 1969-71 as recommended.

On motion of Mr. Williamson, the Finance Committee approved the biennial budget request for capital funds for 1969-71 as recommended.

The committees adjourned.

MEETING OF THE BOARD OF TRUSTEES

The June meeting of The Board of Trustees of the University of Illinois was held in Room J of the LaSalle Hotel, Chicago, Illinois, on Wednesday, June 19, 1968, beginning at 1:50 p.m.

President Timothy W. Swain called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Timothy W. Swain, Mr. Kenney E. Williamson. Mr. Theodore A. Jones was not present when the Board convened but joined the meeting later. Governor Samuel H. Shapiro, Mr. Ray Page, Mr. Harold Pogue, and Dr. James A. Weatherly were absent.

The same University officers and officers of the Board were present as recorded in the Finance Committee Minutes.

TRIBUTE TO MAJOR LENOX R. LOHR

The President of the Board presented the following tribute to Major Lohr:

I believe that members of the Board will want to note the recent passing of Major Lenox R. Lohr. A little more than four years ago this Board approved the conferring of a Trustees Citation upon Major Lohr for distinguished public service with special recognition of his long and devoted services to the University as member and Chairman of its Citizens Committee and as Chairman of the Jane Addams Memorial Fund. None of us needs to be reminded of the extent of Major Lohr's contributions to the City of Chicago, the State of Illinois, and the Nation. I will, however, entertain a motion recording the deep regret of the Board of Trustees at the death of Major Lohr and its profound appreciation for his many services to this institution.

Mr. Hughes moved that the Board record its deep regret at the passing of Major Lohr and that the Secretary of the Board be instructed to convey the sentiments of the Board to the members of Major Lohr's family. This motion was approved by a standing vote.

INTRODUCTION OF IRVIN L. HECKMANN

At the request of the President of the University, the Chancellor of the University of Illinois at Chicago Circle introduced Dr. Irvin Lee Heckmann who became Dean of the College of Business Administration at Chicago Circle on June 1, 1968.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on June 20, 1967, press proof copies of which had previously been sent to the Board.

On motion of Mr. Clement, the minutes were approved as printed on pages 547 to 650 inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board considered the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

ANNUAL OPERATING BUDGET FOR 1968-69

(1) The budget for the fiscal year beginning July 1, 1968, for academic and admin-

istrative appointments beginning September 1, 1968, and for appointments to the nonacademic personnel staff beginning July 1, 1968, is submitted herewith.

The budget has been prepared by the Executive Vice-President and Provost and the Vice-President and Comptroller, based upon recommendations of the chancellors, the deans, directors, and other administrative officers, and in consultation with the University Budget Committee¹ representing all campuses of the University. The budget policies with respect to assignments of funds for promotions and salary adjustments have also been reviewed with the University Council. (Finally, the budget will have been reviewed by the Finance Committee of the Board prior to formal action by the Board.)

The budget document submitted contains: a condensed analysis, which describes the principal increases in the budget; schedules A through H, which give the budget totals and major subtotals; and summaries for each college or administrative unit. Also submitted are four supplemental volumes (two for Urbana-Champaign and general University administration and one each for the other campuses) presenting budget details for departments, divisions, and other operating units.

I recommend that this budget, covering the allocation of the estimated operating income from all sources for the year beginning July 1, 1968, and as approved by the Finance Committee, be approved by the Board, and that the President of the University be authorized, in accordance with the needs of the University and the equitable interests involved, and within total income: (a) to accept resignations, (b) to make such additional appointments as are necessary subject to the provisions of the University Statutes and the Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees, and (c) to make such changes and adjustments in items included in the budget as are needed, all such changes to be covered in the Vice-President and Comptroller's quarterly financial reports, or in reports to the Board by its Secretary, provided that assignments for new programs and for nonrecurring capital expenditures in excess of \$10,000 shall be presented to the Board for approval.

On motion of Mr. Grimes, the budget was approved and authority was given as recommended by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Jones, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

A copy of the condensed analysis is filed with the Secretary of the Board for record. The complete budget is printed separately as a supplement to these minutes.

BUDGET OF THE ATHLETIC ASSOCIATION FOR 1968 - 69

(2) The Director of Intercollegiate Athletics has submitted, on behalf of the Board of Directors of the Athletic Association, the budget for the Association for 1968-69 which is summarized as follows with comparative figures for the preceding year:

	1967-68	1968-69
Income.....	\$1 678 414	\$1 807 200
Appropriations	1 678 414	1 807 200
Excess of Income.....	0	0

The budget has been reviewed and approved by the Executive Vice-President and Provost and the Vice-President and Comptroller.

I recommend that this budget be approved and that the Board of Directors of the Athletic Association be authorized to make such changes and adjustments,

¹ University Budget Committee: Lyle H. Lanier, Executive Vice-President and Provost, Chairman; Daniel Alpert, Professor of Physics and Dean of the Graduate College; Joseph S. Begando, Chancellor at the Medical Center; H. O. Farber, Vice-President and Comptroller; William I. Goodman, Professor of Urban Planning and Chairman of the Department of Urban Planning (Urbana); William J. Grove, Professor of Surgery and Dean of the College of Medicine (Medical Center); Morris S. Kessler, Assistant Comptroller (Staff Associate); Norman A. Parker, Chancellor at Chicago Circle; Jack W. Peltason, Chancellor at Urbana-Champaign; William F. Sager, Professor of Chemistry and Head of the Department of Chemistry (Chicago Circle); Martin L. Zeigler, Associate Provost and Director of Institutional Studies (Staff Associate).

including approval of new appointments and acceptances of resignations, as are necessary within the total income and surplus of the Association, provided that: appointments of head coaches and administrative officers and assignments of funds for new projects or nonrecurring capital expenditures in excess of \$10,000 shall be presented to the Board for approval.

A copy of the budget is being filed with the Secretary of the Board for record.

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

BOARD OF HIGHER EDUCATION RECOMMENDATIONS ON EDUCATION IN THE HEALTH FIELDS

(3) I recommend that the Board of Trustees endorse the Recommendations on Education in the Health Fields as approved by the Board of Higher Education on June 4, 1968.

I further recommend that the President of the University be authorized to formulate plans for the implementation of the recommendations insofar as they apply to the University of Illinois, subject to continuing review by the Board of Trustees as appropriate.

The President of the University and the Executive Vice-President and Provost presented a summary of the Board of Higher Education recommendations as approved on June 4 and discussed their relevance to the University of Illinois' original proposals — see Board minutes of October 16, 1967 — and to the University's capital requests for the next biennia.

On motion of Mr. Clement, the recommendations were approved unanimously.

UNIVERSITY BUILDING PROGRAM FOR 1969-71

(4) Submitted herewith are the building program and estimates of capital appropriations required for the biennium of 1969-71.

The buildings and other capital improvements listed are recommended by the Executive Vice-President and Provost, as Chairman of the University Building Program Committee.¹ This Committee has received and reviewed recommendations by the chancellors for their respective campuses. The campus programs were prepared with the advice of campus planning committees, and after consultation with the deans, directors, and other administrative officers concerned.

With the concurrence of the University Council on Administration, I recommend approval of this capital program by the Board of Trustees for filing with the State Department of Finance, as required by law, and for presentation to the state administration, the Board of Higher Education, and other state agencies involved in budget review.

The University has television-production facilities at all three of its campuses, but none has capacity to produce in color. The lack of capability for producing live or taped programs in color seriously limits the effectiveness of the University's use of this medium, which serves the following educational purposes: (a) on-campus instruction (closed circuit, at all three campuses); (b) off-campus adult education (broadcasting at Urbana-Champaign; distribution of taped programs at all three campuses); (c) education of students for professional careers in television (Urbana-Champaign and Chicago Circle campuses).

Given the current (and changing) state of television technology and the corresponding expectations of viewers, color capability has become a virtual necessity if the University is to perform these varied functions at even minimally satisfactory levels. The following facts and considerations support this conclusion:

1. Illinois commercial stations have increasingly declined to accept the University's taped black and white programs. (Virtually all Illinois television stations now broadcast in color and produce local programs in color.)

¹ The University Building Program Committee: Lyle H. Lanier, Executive Vice-President and Provost, *Chairman*; Daniel Albert, Dean of the Graduate College; Joseph S. Begando, Chancellor of the Medical Center Campus; Herbert E. Carter, Vice-Chancellor for Academic Affairs at the Urbana-Champaign Campus; Herbert O. Farber, Vice-President and Comptroller; Herbert A. Laitinen, Professor of Chemistry and Chemical Engineering at the Urbana-Champaign Campus; John F. Marbarger, Professor of Physiology and Director of the Research Resources Laboratory at the Medical Center Campus; Daniel C. McCluney, Jr., Dean of Faculties at the Chicago Circle Campus; Norman A. Parker, Chancellor of the Chicago Circle Campus; Jack W. Peltason, Chancellor of the Urbana-Champaign Campus. (Messrs. Laitinen, Marbarger, and McCluney are also Chairmen of the Planning Committees for their respective campuses.)

2. Of the three educational television stations in Illinois (located in Chicago, in Urbana, and in Carbondale), only the University's station in Urbana lacks color capability.
3. Students can not be properly trained for future broadcasting careers through the use of "black-and-white" facilities alone. It is educationally indefensible for the University to train students in the use of an outmoded medium.
4. Color is universally accepted as being virtually an essential medium for television instruction in certain aspects of medicine. It is estimated that the following sums would be necessary for conversion to color equipment at the three campuses:

Chicago Circle Campus.....	\$305 430
Medical Center Campus	370 000
Urbana-Champaign Campus.....	240 200
	\$915 630

With the concurrence of the three chancellors, the Executive Vice-President and Provost recommends the addition of the foregoing amounts to the University's *Biennial Budget Request for Capital Funds—1969-71*.¹

I concur.

On motion of Mr. Hahn, the building program and other related recommendations including the supplemental request for funds for equipment for conversion from black-white to color television were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Jones, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

The full text of the document presenting the request for capital funds follows.

I. Educational Program

The capital funds requested by the University of Illinois for the biennium 1969-71 would provide the facilities needed for an overall increase in *enrollment capacity* of 9,370 students. This would bring the University's total capacity to an estimated 63,820 students—a gain of 17 per cent above the level of 54,450, the latter being the estimated limit when all current projects have been completed and brought into full utilization.²

Summaries of the increases in enrollment capacity at the University's three campuses expected from the proposed 1969-71 capital program are presented in Table I as follows: Chicago Circle, 5,200; Medical Center, 680; Urbana-Champaign, 3,490. Distributions of these totals over five educational levels are shown.

The total enrollment capacities of the three campuses, if all of the requested 1969-71 increases in plant capacity are provided and when fully utilized, would be: Chicago Circle, 25,000; Medical Center, 4,560; Urbana-Champaign, 34,260. As explained in the second paragraph of the footnote 2 below, these figures may be taken as approximate enrollment projections for 1974-75 or 1975-76.

The distributions of "enrollment capacities" by educational levels shown in Table I (the so-called "student mix") reflect in part the policy of relatively greater emphasis upon junior-senior, professional, and graduate levels—as generally rec-

¹ Subsequently, these amounts were transferred to the Biennial Budget Request for Operations, 1969-71.

² The terms "*enrollment capacity*" and "*enrollment projection*" are not synonymous, although the two obviously are related. The "*enrollment capacity*" of a given university plant refers to the enrollment ceiling that would be reached when all facilities involved (existing and under development) had reached levels of full utilization as measured by accepted standards. A specified "*enrollment capacity*" would not all be utilized immediately upon completion of all programmed construction, since sufficient space would have to be reserved to allow the expanded enrollments in successive classes of various degree programs to progress towards graduation. For example, the enrollment capacity resulting from an addition to the plant of a law school would not be fully utilized until all three classes (first-, second-, and third-year) had successively reached their respective new enrollment limits.

When additions to the plant of an institution are being made, say, every two years, there will be overlap of the gains in "*enrollment capacity*" corresponding to two or more such expansion periods. Hence, the "*enrollment projection*" made for a given future year would reflect the summation of the increments of gain contributed by these biennial additions. Assuming further construction in 1971-73 (to be available for initial use in part by 1974-75), the totals shown in Table I as "*1969-71 capacity*" levels could be considered approximate "*enrollment projections*" for 1974-75. (The limit for the Medical Center campus might not be reached until 1975-76.)

Table I. Estimates of Increases in Enrollment Capacity (Headcounts) to Be Provided By Buildings in the 1969-71 Capital Budget

<i>Campus</i>	<i>Freshman-Sophomore</i>	<i>Junior-Senior</i>	<i>Professional</i>	<i>Graduate I</i>	<i>Graduate II</i>	<i>Total</i>
<i>Chicago Circle</i>						
1969-71 capacity ¹	8 500	13 695	.....	1 552	1 253	25 000
1967-69 capacity ²	9 100	9 100	.....	952	648	19 800
Increase.....	- 600	+ 4 595	.....	+ 600	+ 605	+ 5 200
<i>Medical Center</i>						
1969-71 capacity ¹.....	.....	.....	3 765	405	390	4 560
1967-69 capacity ².....	.....	.....	3 123	397	360	3 880
Increase.....	.....	.....	+ 642	+ 8	+ 30	+ 680
<i>Urbana-Champaign</i>						
1969-71 capacity ¹	10 200	13 300	1 440	4 620	4 700	34 260
1967-69 capacity ²	11 000	10 700	870	4 009	4 191	30 770
Increase.....	- 800	+ 2 600	+ 570	+ 611	+509	+ 3 490
<i>All Campuses</i>						
1969-71 capacity ¹	18 700	26 995	5 205	6 577	6 343	63 820
1967-69 capacity ²	20 100	19 800	3 993	5 358	5 199	54 450
Increase.....	-1 400	+ 7 195	+1 212	+1 219	+1 144	+ 9 370

¹ The term "1969-71 capacity" refers to enrollment capacity if and when all of the facilities included in the 1969-71 capital request are constructed and fully utilized.

² The term "1967-69 capacity" refers to the enrollment capacity previously estimated for the facilities requested for the 1967-69 biennium — less the capacity deducted when projects were deleted from the University's 1967-69 capital request.

ommended for State universities in the Master Plan of the Board of Higher Education. It had not been planned, however, that the allocation of 1969-71 "capacity" to the freshman-sophomore level at the Chicago Circle campus would be lower than the figure projected two years ago for 1967-69. This outcome was dictated by actual changes in student demand: applications for lower-division admissions have fallen considerably below earlier expectations, whereas applications at junior-senior level have greatly exceeded the projections made for the 1967-69 capital budget. So corresponding adjustments have been made in the 1969-71 estimates.

Three additional facts about the Chicago Circle program should be noted: (a) with the 1969-71 facilities, undergraduate capacity would reach slightly more than 22,000—some 2,000 more students than the target set in the original plan for the campus; (b) facilities to bring graduate enrollment to 2,805 are requested, almost 40 per cent of them beyond first-year level; (c) the total of 25,000 students to be reached by 1975 would represent a fivefold increase since the new campus was occupied in 1965.

The increased capacity at the Medical Center campus—a total of 680 students—would virtually all be in dentistry and medicine, two health professions in which the State's needs are extremely acute. Phase II of the Dentistry Building would enable the College of Dentistry to add a total of 341 students in all categories to its currently-programmed capacity of 564.

The College of Medicine would increase its M.D. enrollment by 50 per cent (from approximately 800 to 1,200 in all four classes)—with the additional 100 first-year students being enrolled at Urbana and the continuation classes totaling 300 students being enrolled at the Medical Center. To administer the expanded program, the College would be reorganized into semi-autonomous "schools"—as recommended in the recent *Report on Education in the Health Fields* and approved by the Board of Higher Education.

The building program proposed for the Urbana-Champaign campus would: (a) provide facilities for some 2,600 additional transfer students from junior colleges; (b) add substantially to its enrollment capacity in the professional fields of law, veterinary medicine, agriculture, engineering, and speech pathology; (c) increase its overall graduate-enrollment capacity by about 14 per cent.

In the following section (II), the capital projects and funds required to provide the additional facilities for these expanded programs are summarized. In section III, a quantitative "space audit" is presented for each campus—comparing the space needs generated by the projected program with the amount of space to be available upon completion of the proposed construction. The remaining sections are devoted to detailed information about the individual projects for the three campuses: section IV, Chicago Circle; section V, Medical Center; section VI, Urbana-Champaign.

II. Summary of 1969-71 Capital Budget Request

The capital projects and funds requested for the proposed expansion and improvement of the University's educational program are presented in the following tables:

Table II. Chicago Circle Campus—1969-71 Capital Projects (page 1049)

Table III. Medical Center Campus—1969-71 Capital Projects (page 1050)

Table IV. Urbana-Champaign Campus—1969-71 Capital Projects (page 1051)

Table V. Summary of Funds for the 1969-71 Building Program (page 1052)

The estimates of cost for the buildings listed in these tables were obtained through the following procedure, which has been recommended by the Illinois Board of Higher Education:

1. A base was established for each project by comparison with historical bid costs on projects most nearly like the one contemplated and in the same geographical area. The base represents the average for such projects (not the low bid), and no data older than five years were considered.
2. The cost estimate was adjusted by means of an index table provided by consultants to the Illinois Building Authority, to bring it to the level specified for the period from December 1, 1967, to May 31, 1968.
3. To the adjusted estimate given by step (2), the costs of architectural and engineering fees, Illinois Building Authority construction supervision, site improvements, and soil testing were added—to obtain a total project cost (without contingency).

Table II. Chicago Circle Campus — 1969-71 Capital Projects

<i>Project</i>	<i>Net Assignable Square Feet (NASF)</i>	<i>Total Cost</i>	<i>Anticipated Non-State Funds</i>	<i>State Funds</i>	<i>Building Efficiency¹</i>
1. Buildings ²					
Architecture and Art Addition.....	68 931	\$ 7 411 500	\$ 250 000 ³	\$ 7 161 500	60%
Classroom-Office Building.....	45 709	4 470 500	106 000 ³	4 364 500	60%
Library Addition.....	94 723	9 873 500	1 000 000 ³	8 873 500	70%
Plant Research Laboratory.....	8 590	643 500	-0-	643 500	72%
Science and Engineering, South Addition					
a. Engineering.....	120 227	16 707 100	1 000 000 ⁴	15 707 100	60%
b. LAS-Sciences.....	69 836	10 353 400	1 000 000 ⁴	9 353 400	60%
c. Classroom-Study Space.....	27 445	2 413 500	100 000 ³	2 313 500	60%
Student Services Building.....	55 120	5 667 600	-0-	5 667 600	60%
Subtotal, Buildings.....	(490 581)	(\$57 540 600)	(\$3 456 000)	(\$54 084 600)	
2. Power Plant Addition.....		1 714 000	-0-	1 714 000	
3. Land Acquisition.....		4 110 000	-0-	4 110 000	
4. Movable Equipment					
1967-69 Buildings.....		3 270 188	-0-	3 270 188	
1969-71 Buildings.....		5 185 181	-0-	5 185 181	
Conversion to color TV.....		305 430	-0-	305 430	
5. Planning 1971-73.....		1 685 000	-0-	1 685 000	
6. Remodeling and Building Improvement.....		3 850 150	-0-	3 850 150	
7. Protection of Life and Property.....		573 900	-0-	573 900	
8. Site Improvements.....		1 487 500	-0-	1 487 500	
9. Utilities Distribution System.....		1 152 800	-0-	1 152 800	
Total.....	490 581	\$80 874 749	\$3 456 000	\$77 418 749	

¹ The term "building efficiency" refers to the ratio of "net assignable square feet" to "gross square feet" in a building.² In alphabetical order; not in priority order. Six of these buildings were requested for the 1967-69 biennium.³ Higher Education Facilities Act, Title I.⁴ Higher Education Facilities Act, Title I and Title II.

Table III. Medical Center Campus — 1969-71 Capital Projects

	<i>Project</i>	<i>Net Assignable Square Feet (NASF)</i>	<i>Total Cost</i>	<i>Anticipated Non-State Funds</i>	<i>State Funds</i>	<i>Building Efficiency¹</i>
1.	Buildings ²					
	Clinical Medicine Centers ³		\$ 6 600 000	-0-	\$ 6 600 000	
	College of Dentistry Building, Phase II.....	80 000	10 516 800	\$4 000 000 ⁴	6 516 800	60%
	Library of Medical Sciences.....	84 048	9 337 500	2 000 000 ⁴	7 337 500	63%
	Subtotal, Buildings.....	(164 048)	(\$26 454 300)	(\$6 000 000)	(\$20 454 300)	
2.	Movable Equipment					
	1967-69 Buildings.....		3 770 000	-0-	3 770 000	
	1969-71 Buildings.....		525 000	-0-	525 000	
	Conversion to color TV.....		370 000	-0-	370 000	
3.	Planning 1971-73.....		1 145 000	-0-	1 145 000	
4.	Remodeling, Rehabilitation and Minor Additions..		1 785 000	-0-	1 785 000	
5.	Protection of Life and Property.....		815 000	-0-	815 000	
6.	Site Improvements.....		35 000	-0-	35 000	
7.	Utilities Distribution System.....		386 000	-0-	386 000	
		164 048	\$35 285 300	\$6 000 000	\$29 285 300	

¹ The term "building efficiency" refers to the ratio of "net assignable square feet" to "gross square feet" in a building.

² In alphabetical order; not in priority order. Two of these buildings were requested for the 1967-69 biennium.

³ See pages 1063-1064 for a full description of the project.

⁴ Federal Grant from National Institutes of Health.

Table IV. Urbana-Champaign Campus — 1969-71 Capital Projects

<i>Project</i>	<i>Net Assignable Square Feet (NASF)</i>	<i>Total Cost</i>	<i>Anticipated Non-State Funds</i>	<i>State Funds</i>	<i>Building Efficiency¹</i>
1. Buildings ²					
East Chemistry, Second Addition.....	80 612	\$11 024 300	\$ 2 900 000 ^{3,4}	\$ 8 124 300	60%
Engineering Library.....	62 368	5 786 900	1 000 000 ⁵	4 786 900	68%
Law Building Addition.....	54 829	5 301 100	1 650 000 ⁴	3 651 100	64%
Medical Sciences Building.....	60 000	8 308 700	4 000 000 ⁶	4 308 700	60%
Nuclear Reactor Addition.....	12 160	1 447 300	635 000 ³	812 300	60%
Research Animal Holding Facility.....	6 240	787 000	300 000 ⁵	487 000	65%
Speech and Hearing Clinic.....	17 560	2 000 700	800 000 ⁶	1 200 700	60%
Turner Hall Addition.....	56 542	7 028 000	1 100 000 ⁶	5 928 000	60%
Veterinary Medicine Hospital.....	71 641	10 022 800	4 250 000 ⁶	5 772 800	60%
Subtotal, Buildings.....	(421 952)	(\$51 706 800)	(\$16 635 000)	(\$35 071 800)	
2. Power Plant Addition.....	...	3 414 400	—0—	3 414 400	
3. Land Acquisition.....	...	4 610 000	—0—	4 610 000	
4. Movable Equipment					
1967-69 Buildings.....	...	2 500 000	—0—	2 500 000	
1969-71 Buildings.....	...	1 000 000	—0—	1 000 000	
Conversion to color TV.....	...	240 200	—0—	240 200	
5. Planning 1971-73.....	...	1 397 600	—0—	1 397 600	
6. Remodeling, Rehabilitation and Minor Additions	...	3 000 000	—0—	3 000 000	
7. Protection of Life and Property.....	...	2 329 160	—0—	2 329 160	
8. Site Improvements.....	...	2 185 250	—0—	2 185 250	
9. Utilities Distribution System.....	...	3 906 500	—0—	3 906 500	
Total.....	421 952	\$76 289 910	\$16 635 000	\$59 654 910	

¹ The term "building efficiency" refers to the ratio of "net assignable square feet" to "gross square feet" in a building.

² In alphabetical order; not in priority order. Four of these buildings were requested for the 1967-69 biennium.

³ National Science Foundation.

⁴ Higher Education Facilities Act, Title II.

⁵ Higher Education Facilities Act, Title I and Title II.

⁶ Public Health Service.

4. To the value given by step (3), an "Illinois Building Authority Contingency" increment of 10 per cent of the estimated project cost was added—to yield a total "Illinois Building Authority Project Budget."
5. The "Illinois Building Authority Project Budget" was then updated to the estimated bid date for the project by using the index table provided by the consultants to the Illinois Building Authority.

Table V. Summary of Funds for the 1969-71 Building Program

<i>Campus</i>	<i>Net Assignable Square Feet</i>	<i>Total Cost</i>	<i>Non-State Funds</i>	<i>State Funds</i>
Chicago Circle.....	490 581	\$ 80 874 749	\$ 3 456 000	\$ 77 418 749
Medical Center.....	164 048	35 285 300	6 000 000	29 285 300
Urbana-Champaign.....	421 952	76 289 910	16 635 000	59 654 910
University Total.....	1 076 581	\$192 449 959	\$26 091 000	\$166 358 959

III. Justification of Requests for Additional Buildings

The proposed increases in enrollment capacity presented in section I represent in summary form the outcomes of educational planning at departmental, college, campus, and University-wide levels. In effect, the figures reflect the collective judgment that the proposed expansion of enrollment capacity for each campus is educationally justified in terms of University objectives and realistic in terms of the needs of the State and nation. The patterns of projected enrollment distributions by levels and fields clearly conform to the University's announced policies and to the Master Plan of the Board of Higher Education.

The buildings listed in Tables II, III, and IV are believed to be necessary to accommodate the enrollment increases specified in Table I. The purpose of the present section is to present quantitative evidence in support of this judgment—by comparing the space needs generated by the expanded enrollment with the space that would be available upon completion of the proposed building program.

In order to determine whether a given request for space is justified, it is necessary to establish standards for the various types of functions involved and to calculate from these standards the amount of space that would be required for the projected enrollments. The University of Illinois has developed space standards for its varied instructional, research, and supporting operations at the Chicago Circle and the Urbana-Champaign campuses—taking into account differences among fields and among educational levels. The development of these standards has involved several years of experimentation, including cross-validation through checks against standards that have been made available by other comparable institutions.

For the programs in the health professions at the Medical Center campus, the space guidelines developed by the United States Public Health Service have been used to measure the space requirements. In addition, comparisons with similar programs at other institutions have been made to the extent that comparable figures could be secured.

In the light of the standards applied at the three campuses, and using procedures developed by the University for projecting space requirements, summary tables have been prepared to show the relationships between estimated space requirements and the space to become available upon completion of the 1969-71 building program. Three tables are presented: Table VI (Chicago Circle campus), Table VII (Medical Center campus), and Table VIII (Urbana-Champaign campus). Each table is arranged to show the following:

1. The space required to accommodate the capacity-enrollment figures included in Table I.
2. The space that is presently available plus what would become available when the buildings approved for the biennium 1967-69 have been completed.
3. The space to be razed.
4. Results of reassignments of space among the various administrative units (gains and losses).
5. The amount of space requested in the 1969-71 building program.

Table VI. Chicago Circle Campus: Status of Space Upon Completion of the 1969-71 Building Program
(All Values in Net Assignable Square Feet)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>Program or Function</i>	<i>Space Required for Enrollment Capacity of 1969-71 Capital Budget Request</i>	<i>Space to be Available When Buildings Approved in 1967-69 Biennium Are Constructed¹</i>	<i>Space to be Razed</i>	<i>Space Gained (+) or Lost (-) by Reassignment</i>	<i>Space Requested in 1969-71 Budget (See Table II)</i>	<i>Net Amount of Space to be Available</i>	<i>Surplus (+) or Shortage (-) of Space</i>
Administration.....	159 995	111 415	-0-	+13 479	47 120	172 014	+ 12 019
Business Administration.....	28 739	10 477	-0-	-10 477	20 247	20 247	- 8 492
Education.....	35 332	27 083	-0-	+12 715	-0-	39 798	+ 4 466
Engineering.....	244 437	145 461	-0-	-10 055	120 227	255 633	+ 11 196
Architecture and Art.....	154 546	127 168	-0-	-28 225	65 479	164 422	+ 9 876
Graduate College.....	9 305	9 358	-0-	-0-	-0-	9 358	+ 53
Liberal Arts and Sciences.....	684 803	550 355	-0-	+88 028	69 836	708 219	+ 23 416
Physical Education.....	246 085	209 398	-0-	-62 086	-0-	147 312	- 98 773
Military Science.....	4 560	5 281	-0-	-0-	-0-	5 281	+ 721
Social Work.....	13 600	19 841	-0-	- 5 247	-0-	14 594	+ 994
Miscellaneous Departments....	12 737	16 717	-0-	- 920	-0-	15 797	+ 3 060
Subtotal A.....	(1 594 139)	(1 232 554)	(-0-)	(- 2 788)	(322 909)	(1 552 675)	(- 41 464)
Classrooms.....	254 462	184 662	-0-	+39 533	30 907	255 102	+ 640
Library.....	333 265	173 205	-0-	-0-	94 723	267 928	- 65 337
Commuter.....	83 885	45 106	-0-	-0-	33 452	78 558	- 5 327
Drill.....	18 000	-0-	-0-	+16 362	-0-	16 362	- 1 638
Inactive.....	34 256	97 833	-0-	-62 474	-0-	35 359	+ 1 103
Physical Plant.....	69 865	75 013	-0-	-0-	-0-	75 013	+ 5 148
Subtotal B.....	(2 387 872)	(1 808 373)	(-0-)	(- 9 367)	(481 991)	(2 280 997)	(-106 875)
Student Service (Union).....	197 728	235 395	-0-	+ 9 367	-0-	244 762	+ 47 034
Health Service.....	4 667	5 027	-0-	-0-	-0-	5 027	+ 360
Museum (NFI).....	1 251	1 251	-0-	-0-	-0-	1 251	-0-
Gym Seating (NFI).....	4 640	4 640	-0-	-0-	-0-	4 640	-0-
Greenhouse.....	15 160	3 790	-0-	-0-	8 590	12 380	- 2 780
Total.....	2 611 318	2 058 476	-0-	-0-	490 581	2 549 057	- 62 261

¹ Included in this column is the total area of the two old buildings (277,216 net assignable square feet) left standing on the Chicago Circle site, which are scheduled for demolition in accordance with an agreement with the City of Chicago. They are being used temporarily for educational purposes.

Table VII. Medical Center Campus: Status of Space Upon Completion of the 1969-71 Building Program
(All Values in Net Assignable Square Feet)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>Program or Function</i>	<i>Space Required for Enrollment Capacity of 1969-71 Capital Budget Request¹</i>	<i>Space to be Available When Buildings Approved in 1967-69 Biennium Are Constructed</i>	<i>Space to be Razed</i>	<i>Space Gained (+) or Lost (-) by Reassignment</i>	<i>Space Requested in 1969-71 Budget (See Table III)²</i>	<i>Net Amount of Space to be Available</i>	<i>Surplus (+) or Shortage (-) of Space</i>
Administration.....	61 500	60 637	2 317	- 1 324	-0-	56 996	- 4 504
College of Medicine.....	484 000	262 140	-0-	+109 223	-0-	371 363	-112 637
College of Dentistry.....	180 836	175 002	-0-	- 74 166	80 000	180 836	-0-
College of Nursing.....	86 957	98 560	-0-	- 11 603	-0-	86 957	-0-
College of Pharmacy.....	110 587	110 587	-0-	+ 1 363	-0-	111 950	+ 1 363
Miscellaneous Units ²	58 000	33 056	-0-	- 990	-0-	32 066	- 25 934
Subtotal A.....	(981 880)	(739 982)	(2 317)	(+ 22 503)	(80 000)	(840 168)	(-141 712)
Classrooms.....	48 598	46 399	-0-	-0-	-0-	46 399	- 2 199
Library.....	84 048	22 503	-0-	- 22 503	84 048	84 048	-0-
Animal Facilities.....	57 341	57 341	-0-	-0-	-0-	57 341	-0-
Archive and Storage.....	75 809	86 327	75 905	-0-	-0-	10 422	- 65 387
Physical Plant.....	87 209	40 388	14 166	-0-	-0-	26 222	- 60 987
Subtotal B.....	(1 334 885)	(992 940)	(92 388)	-0-	(164 048)	(1 064 600)	(-270 285)
Student Services.....	121 569	49 569	-0-	-0-	72 000	121 569	-0-
Total.....	1 456 454	1 042 509	92 388	-0-	236 048	1 186 169	-270 285

¹ Omitted from this table are figures for the Research and Educational Hospitals, which are judged to be inadequate both in quality and quantity of space. Their future functions and space requirements are under study. Also omitted are the space implications of the establishment of the "Clinical Medicine Centers" listed in Table III.

² Includes the Research Resources Laboratory, Illustration Studios, Division of Service for Crippled Children, and Institute of Tuberculosis Research.

Table VIII. Urbana-Champaign Campus: Status of Space Upon Completion of the 1969-71 Building Program
(All Values in Net Assignable Square Feet)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>Program or Function</i>	<i>Space Required for Enrollment Capacity of 1969-71 Capital Budget Request</i>	<i>Space to be Available When Buildings Approved in 1967-69 Biennium Are Constructed</i>	<i>Space to be Razed</i>	<i>Space Gained (+) or Lost (-) by Reassignment</i>	<i>Space Requested in 1969-71 Budget (See Table IV)</i>	<i>Net Amount of Space to be Available</i>	<i>Surplus (+) or Shortage (-) of Space</i>
Administration.....	302 590	258 541	6 443	+12 241	-0-	264 339	- 38 251
Agriculture.....	421 830	400 081	1 556	-28 063	56 542	427 004	+ 5 174
Commerce.....	47 409	48 744	-0-	-0-	-0-	48 744	+ 1 335
Education.....	104 900	85 483	-0-	-0-	-0-	85 483	- 19 417
Engineering.....	937 799	899 995	-0-	-0-	15 295	915 290	- 22 509
Fine and Applied Arts.....	282 031	249 010	5 231	- 9 183	-0-	234 596	- 47 435
Graduate College.....	81 546	76 213	-0-	-0-	7 940	84 153	+ 2 607
Communications.....	33 734	29 971	-0-	+ 2 000	-0-	31 971	- 1 763
Law.....	26 529	14 834	-0-	-0-	20 631	35 465	+ 8 936
Liberal Arts and Sciences.....	954 528	871 644	9 892	- 9 971	74 881	926 662	- 27 866
Medical Sciences.....	60 000	-0-	-0-	-0-	60 000	60 000	-0-
Physical Education.....	312 640	328 233	-0-	-0-	-0-	328 233	+ 15 593
University Extension.....	23 038	19 388	-0-	+ 3 995	-0-	23 383	+ 345
Veterinary Medicine.....	187 539	111 793	9 609	-0-	69 141	171 325	- 16 214
Military Science.....	22 030	22 406	-0-	-0-	-0-	22 406	+ 376
Miscellaneous Units.....	24 023	21 995	-0-	-0-	733	22 728	- 1 295
General University (Armory Floor).....	73 922	73 922	-0-	-0-	-0-	73 922	-0-
Subtotal A.....	(3 896 088)	(3 512 253)	(32 731)	(-28 981)	(305 163)	(3 755 704)	(-140 384)
Classroom.....	322 509	335 777	-0-	- 2 920	9 800	342 657	+ 20 148
Library.....	821 264	544 087	-0-	- 9 335	99 007	633 759	-187 505
Commons.....	47 810	39 554	294	-0-	3 477	42 737	- 5 073
Inactive-Remodeling.....	72 323	51 984	-0-	+36 452	-0-	88 436	+ 16 113
Physical Plant.....	212 952	165 523	-0-	-0-	-0-	165 523	- 47 429
Subtotal B.....	(5 372 946)	(4 649 178)	(33 025)	(- 4 784)	(417 447)	(5 028 816)	(-344 130)
Student Services.....	274 544	168 753	-0-	-0-	-0-	168 753	-105 791
Hospital.....	49 917	36 906	-0-	-0-	-0-	36 906	- 13 011
Lab School.....	39 875	39 875	-0-	-0-	-0-	39 875	-0-
Museum.....	41 786	41 786	-0-	-0-	-0-	41 786	-0-
Gym (NFI).....	119 676	119 676	-0-	-0-	-0-	119 676	-0-
Auditorium (NFI).....	288 925	288 925	-0-	-0-	4 505	293 430	+ 4 505
Athletic Association.....	108 890	108 890	-0-	-0-	-0-	108 890	-0-
Quasi-University.....	161 296	161 296	3 523	+ 4 784	-0-	162 557	+ 1 261
Total.....	6 457 855	5 615 285	36 548	-0-	421 952	6 000 689	-457 166

6. The net amount of space (including existing and programmed space) to become available upon completion of the 1969-71 building program.
7. The net status of space required relative to space to be available (upon completion of the 1969-71 building program).

The results of the space "audit" presented in Tables VI, VII, and VIII may be briefly summarized as follows:

Chicago Circle Campus. A shortage of 62,261 net assignable square feet would exist if the proposed 1969-71 building program were completed and total enrollment at the campus reached 25,000 students. This deficit would be an overall figure, including the space required for academic units, administration, student services, health services, museums, and gymnasiums. A shortage of 106,875 net assignable square feet would exist if only the space requirements of the academic and administrative units were considered. Stated another way, the Chicago Circle campus would have approximately 95 per cent of the academic space required for the capacity enrollment of 25,000 students as projected in Table I. It should be noted, however, that the shortage would be increased by 277,216 net assignable square feet if and when the two temporary buildings are demolished.

Medical Center Campus. A shortage of 270,285 net assignable square feet would exist at this campus, if the projected needs were measured by the space standards established by the United States Public Health Service. About 40 per cent of the total deficit would be in the College of Medicine.

Urbana-Champaign Campus. An overall shortage of 457,166 net assignable square feet would exist at this campus, if enrollment were expanded as projected and if the proposed 1969-71 building program were to be completed. In sum, the Urbana-Champaign campus would have approximately 93.5 per cent of the space required by the University's standards for the projected capacity enrollment of 34,260 students.

In sum, the results of these space "audits" indicate that the total amount of additional building space proposed for the 1969-71 capital budget is more than justified by the proposed expansion of enrollments at the three campuses.

IV. Chicago Circle Campus: Capital Program for 1969-71

Six of the eight building projects in the present list were included in the University's capital request for 1967-69; but five of them were not approved by the Board of Higher Education, and an additional one was approved by the Board but omitted from the Governor's capital budget.

It should be recognized that the proposed buildings would not be completed and occupied until sometime during the academic year 1972-73, and those for which funds for complete architectural services were not available might be delayed even longer. There can be little question about the enrollment demand in the Chicago area for all of the programs involved — at the levels projected in Table I.

In the following pages, the individual projects listed in Table II are described in some detail, and their relationships to the overall educational program of the campus are indicated.

Architecture and Art Addition

Estimated total cost.....	\$7 411 500
State funds.....	(\$7 161 500)
Non-State funds.....	(\$ 250 000)
Gross square feet.....	114 885
Net assignable square feet.....	68 931
Building efficiency.....	60%

The first stage of the Architecture and Art Laboratories is now nearing completion, and this proposed addition was requested by the University, but not funded in the 1967-69 biennium. Thus, the delay of the original unit until Phase II of the Chicago Circle building program and the failure to construct the first addition in Phase III (the 1967-69 request) have sharply curtailed the enrollment growth of the Departments of Architecture and Art.

This addition is the first of two required to complete the total building as originally planned for the College of Architecture and Art. Included in this phase will be additional instructional laboratories required to round out the undergrad-

uate programs and to permit the initiation of graduate study by these departments. Also provided in this facility are the staff and administrative offices of the College.

At present the College of Architecture and Art is housed in temporary, sub-standard quarters, and the first unit of its new building will house only part of the staff and programs of the College. It is highly important that the College of Architecture and Art be provided with adequate facilities in order that it may meet the growing demand for admission. Otherwise, there will be increasing imbalance in the program of the campus and failure on the part of the University to make its proper contribution to the cultural life of the Chicago area. Furthermore, since the Department of Architecture is actively concerned with problems of urban planning and development, with suitable facilities it would be able to add to its faculty and to contribute more effectively to the urban mission of this campus.

The types and amounts of space are as follows:

NASF by Building Block

<i>Administrative Unit</i>	<i>Instruc-tional Lab-oratories</i>	<i>Offices</i>	<i>Research</i>	<i>Archive and Storage</i>	<i>Commuter</i>	<i>Total</i>
College of Architec-ture and Art	31 280	24 317	8 550	1 332	.....	65 479
General University . . . . .	.....	.....	.....	.....	3 452	3 452
Total	31 280	24 317	8 550	1 332	3 452	68 931

Classroom-Office Building

Estimated total cost	\$4 470 500
State funds	(\$4 364 500)
Non-State funds	(\$ 106 000)
Gross square feet	76 182
Net assignable square feet	45 709
Building efficiency	60%

In part, this project involves the construction of facilities uniquely designed for the programs conducted by the College of Business Administration. It will include offices for faculty, nonacademic staff, and administrative personnel, as well as unique teaching facilities required by the College.

The building will provide the College with an identity that will facilitate its relationships with the business and financial community of the greater Chicago area — including the placement of its graduates and more effective interaction with its faculty.

The building will also serve partly as a general classroom building. Although some of the classrooms will be specially designed to meet the needs of the College of Business Administration, others will add to the central pool of classrooms that are held for campus-wide use and are required for the increased enrollment anticipated.

The construction of this facility and its occupancy by the College of Business Administration will make possible the release of space in University Hall to the humanities departments in the College of Liberal Arts and Sciences.

The types and amounts of space are as follows:

NASF by Building Block

<i>Administrative Unit</i>	<i>Instruc-tional Lab-oratories</i>	<i>Offices</i>	<i>Research</i>	<i>Class-rooms</i>	<i>Commuter</i>	<i>Total</i>
Business Administration	732	18 686	829	.....	.....	20 247
General University . . . . .	.....	.....	...	18 462	7 000	25 462
Total	732	18 686	829	18 462	7 000	45 709

Library Addition

Estimated total cost	\$9 873 500
State funds	(\$8 873 500)
Non-State funds	(\$1 000 000)

Gross square feet.....	135 319
Net assignable square feet.....	94 723
Building efficiency	70%

This project was included in the 1967-69 capital request, but was not approved for funding. The scope of the Library Addition has increased beyond that proposed in the 1967-69 request, reflecting the continuing shift of enrollment toward upper-division and graduate levels. As now proposed, this project would complete the main Library as originally conceived. The total structure would then seat approximately 25 per cent of the 22,000 students anticipated in 1972-73, as well as provide stack space for graduate and undergraduate collections, maps, document collections, technical service staff, faculty research, and graduate carrels. The stack space capacity in the Library upon completion of this addition would be about 1,000,000 volumes.

The types and amounts of space are as follows :

<i>Type of Space</i>	<i>Net Assignable Square Feet</i>
Stack and material space.....	27 393
Reader space	45 430
Staff and service space.....	21 900
Total.....	94 723

Plant Research Laboratory

Estimated total cost (State funds).....	\$643 500
Gross square feet.....	11 851
Net assignable square feet.....	8 590
Building efficiency	72%

The first phase of the Plant Research Laboratory was funded in the biennium 1965-67. A larger facility was included in the 1967-69 request, but funds were not appropriated. The project has been increased in size to provide the additional greenhouse space needed for both graduate and undergraduate programs in the plant sciences. Specimens for use in undergraduate instructional laboratories will be grown in part of the facility; the remainder will provide plant-growth space for graduate and faculty research in the various fields of plant science. Present greenhouse space is entirely inadequate.

The types and amounts of space in the facility are as follows :

<i>Administrative Unit</i>	<i>NASF by Building Block</i>		<i>Total</i>
	<i>Research Laboratories</i>	<i>Greenhouse Space</i>	
Biological Sciences.....	880	7 710	8 590

Science and Engineering, South Addition (Engineering)

Estimated total cost.....	\$16 707 100
State funds	(\$15 707 100)
Non-State funds.....	(\$ 1 000 000)
Gross square feet.....	200 378
Net assignable square feet.....	120 227
Building efficiency	60%

Funds for the engineering unit were requested for the present biennium, but were not approved by the Board of Higher Education.

The construction of this addition will make possible both an increase in undergraduate enrollment and the expansion of study in engineering parallel to that for the sciences in the 1967-69 biennium.

The engineering addition to this laboratory complex will be an extension of the present building, and will provide the engineering offices and research laboratories that were not approved by the Board of Higher Education in its review of the University's 1967-69 capital request.

This project is crucial to the continuing development of both undergraduate and graduate engineering at the Chicago Circle campus. These engineering laboratories will provide a unique opportunity for students of the Chicago area to pursue their education in this field — especially at the graduate level. The field of engi-

neering has become progressively more research-oriented, and graduate education has increasingly come to be required of engineers. As the only State-supported institution in the Chicago area offering engineering education, it is imperative that the University's facilities in this field keep pace with the demands from area students and with the engineering needs of the urban society in general.

The types and amounts of space are as follows:

<i>Administrative Unit</i>	<i>NASF by Building Block</i>			<i>Total</i>
	<i>Offices</i>	<i>Research</i>	<i>Archive and Storage</i>	
Bioengineering.....	3 561	.....	719	4 280
Energy Engineering.....	9 841	29 554	2 622	42 017
Materials Engineering.....	18 199	28 891	3 354	50 444
Systems Engineering.....	9 592	.....	546	10 138
Business Office (scientific stores).....	.....	.....	13 348	13 348
Total.....	41 193	58 445	20 589	120 227

Science and Engineering, South Addition (LAS-Sciences)

Estimated total cost.....	\$10 353 400
State funds.....	(\$ 9 353 400)
Non-State funds.....	(\$ 1 000 000)
Gross square feet.....	116 393
Net assignable square feet.....	69 836
Building efficiency.....	60%

The LAS sciences addition would be an extension of the present science and Engineering building and would provide additional laboratory and office space. A doctoral program in chemistry has been approved by the Illinois Board of Higher Education, and it is expected that similar programs in the biological sciences and in physics will be submitted to the Board of Higher Education for consideration next fall. The space is needed primarily to accommodate the expansion involved in these graduate programs.

It is to be noted that the National Science Foundation has recently awarded the Department of Chemistry a development grant of over half a million dollars to stimulate the growth of the department. Only with the space requested can the fullest advantage be taken of the benefits of his grant.

The types and amounts of space are as follows:

<i>Administrative Unit</i>	<i>NASF by Building Block</i>			<i>Archive and Storage</i>	<i>Total</i>
	<i>Instruc-tional Lab-oratories</i>	<i>Offices</i>	<i>Research</i>		
Biological Sciences.....	2 136	3 453	9 989	7 171	22 749
Chemistry.....	8 969	11 896	8 661	7 744	37 270
Geology.....	.....	.....	.....	1 063	1 063
Physics.....	.....	.....	5 136	3 618	8 754
Total.....	11 105	15 349	23 786	19 596	69 836

Science and Engineering, South Addition (Classroom-Study Space)

Estimated total cost.....	\$2 413 500
State funds.....	(\$2 313 500)
Non-State funds.....	(\$ 100 000)
Gross square feet.....	45 745
Net assignable square feet.....	27 445
Building efficiency.....	60%

The classroom addition to this building complex will be located centrally, contiguous to the existing classrooms. Together with the classrooms included in the proposed Classroom-Office Building, this part of the addition will provide all of the additional classrooms required for the projected enrollment capacity.

A critical need at a commuter campus is for space in which students may study between classes. The Library and the Chicago Circle Center are two places that serve this purpose; but the amount of space available in these buildings is far from being sufficient to meet the needs of the rapidly-growing enrollment. Furthermore,

with the development of the Science and Engineering Laboratories south of Taylor Street, it is essential that study space be provided for students in that area of the campus.

The type and amounts of space are as follows:

<i>Type of Space</i>	<i>Net Assignable Square Feet</i>
Classroom.....	12 445
Study space.....	15 000
Total.....	<u>27 445</u>

Student Services Building

Estimated total cost (State funds).....	\$5 667 600
Gross square feet.....	91 867
Net assignable square feet.....	55 120
Building efficiency.....	60%

Funds for this building were approved by the Board of Higher Education for inclusion in the University's 1967-69 capital budget but were not appropriated.

Construction of this building would release space in University Hall for the additional offices required for faculty and nonacademic staff in the humanities departments. These departments include the foreign languages, English, history, and philosophy — all of which require primarily office space and conference rooms.

Situated at the gateway to the Chicago Circle campus, and most immediately accessible to public transportation, the Student Services Building will house many of the facilities directly related to campus-wide services. Included are the Office of Student Affairs, the Business Office, the Office of Nonacademic Personnel, the Statistical Service Unit, the Credit Union, and University Extension.

Bringing these units together in one building would improve the efficiency of their varied operations, since interchange of material and information among them is most essential.

The types and amounts of space in the Student Services Building are as follows:

NASF by Building Block

<i>Administrative Unit</i>	<i>Offices</i>	<i>Computer Laboratory</i>	<i>Commuter</i>	<i>Total</i>
Business Office.....	15 042	.....	.....	15 042
Auditing Division.....	1 333	.....	.....	1 333
Nonacademic Personnel.....	8 001	.....	.....	8 001
Student Affairs.....	9 888	.....	.....	9 888
General University.....	.....	.....	8 000	8 000
Statistical Service Unit.....	6 061	1 000	.....	7 061
Credit Union.....	300	.....	.....	300
University Extension.....	5 495	.....	.....	5 495
Total.....	<u>46 120</u>	<u>1 000</u>	<u>8 000</u>	<u>55 120</u>

Other Capital Projects

<i>Power Plant Addition</i>	\$1 714 000
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The additional heating capacity required for Phase IV buildings will necessitate constructing an addition to the Utilities Building and installing an additional boiler. It is estimated that Phase IV will produce the following additional heating loads:

<i>Building</i>	<i>1000 Btu/hr</i>
Architecture and Art Addition.....	6 833
Classroom-Office Building.....	3 714
Library Addition.....	3 256
Science and Engineering, South Addition.....	68 027
Student Services Building.....	4 479
Total.....	<u>86 309</u>

The additional boiler will bring the firm capacity for the heating plant to 300 million Btu/hr, with 297 million Btu/hr required. The cooling loads required for Phase IV buildings (except Science and Engineering, South Addition) can be

handled within the existing cooling capacity at the central utilities building. The cooling requirements for the Science and Engineering, South Addition, will be met by equipment installed in the building.

Land Acquisition \$4 110 000

The development of a new academic program in the performing arts is proposed for the Chicago Circle campus. Preliminary architectural studies indicate that the projected facilities would require the acquisition of approximately 16 acres of land for the buildings, plus surface parking for approximately 800 cars.

The total capital cost, exclusive of land acquisition, will be financed from gifts. As the donors will not provide funds for land acquisition, a State appropriation will be required if this gift is to be accepted and the program developed.

The land will be purchased with the assistance of the City of Chicago under its urban renewal program.

Movable Equipment..... \$8 760 799

1967-69 buildings (\$3,270,188). Funds are requested to complete the equipping of buildings funded in the 1967-69 biennium. Capital appropriations for the 1967-69 biennium did not include any funds for movable equipment except for buildings scheduled to be substantially completed by September 1969. A summary of the movable-equipment funds requested for the 1967-69 buildings is shown below:

<i>Project</i>	<i>Total Cost of Movable Equipment</i>	<i>Funded in 1967-69 Biennium</i>	<i>Requested for 1969-71 Biennium</i>
Education and Communications Building.....	\$ 769 705	.....	\$ 769 705
Science and Engineering, Phase I.....	5 760 985	\$3 440 000	2 320 985
Behavioral Sciences Building.....	1 379 498	1 200 000	179 498
Total.....	\$7 910 188	\$4 640 000	\$3 270 188

1969-71 buildings (\$5,185,181). Funds are requested only to the extent that the buildings of the 1969-71 biennium will be completed and ready for occupancy in September 1971. The balance of the movable equipment required will be requested in the 1971-73 biennium. The following is a summary of the movable equipment funds requested for the proposed 1969-71 buildings:

<i>Project</i>	<i>Total Cost of Movable Equipment</i>	<i>Deferred to 1971-73 Biennium</i>	<i>Requested in 1969-71 Biennium</i>
Architecture and Art Addition.....	\$ 738 155	.....	\$ 738 155
Classroom-Office Building.....	274 662	.....	274 662
Library Addition.....	687 505	\$ 654 535	32 970
Science and Engineering, South Addition			
Engineering.....	4 419 899	756 928	3 662 971
LAS-Sciences.....	2 056 132	2 000 000	56 132
Classroom-Study.....	93 752	61 022	32 730
Student Services Building.....	387 561	.....	387 561
Total.....	\$8 657 666	\$3 472 485	\$5 185 181

Conversion to color television (\$305,430). Funds are requested in order to convert the television production facilities from black-white to color capability. The major portion of the funds requested (\$235,430) will be needed for new color equipment for the color studio conversion, for what is known as a color film chain, and for conversion of the master control room, with the remainder (\$70,000) required for color upgrading of the videocorders.

The emphasis at Chicago Circle is on campus instruction and public information by way of taped programs carried over non-University channels. Television is used for closed-circuit distribution of televised lessons, and public information programs are produced for Chicago and other area stations which are restricting their outside sources to only color materials. In addition, through the Department of Speech students are prepared in the mass communications program. These students cannot be properly trained for present and future careers unless the University has the color equipment that is now standard for the industry.

Planning 1971-73 \$1 685 000

Based on the enrollment projections approved to date for planning purposes, and the preliminary space projections developed by the Office of Space Utilization, approximately 391,000 net assignable square feet of space would need to be constructed during Phase V in the 1971-73 biennium.

Based on estimates using cost-escalation assumptions developed by the cost consultant selected by the Illinois Building Authority, it is estimated that the architectural costs for this amount of construction would be \$1,685,000, including working drawings.

Remodeling and Building Improvement..... \$3 850 150

This item is the sum of the cost estimates for two major subcategories: building remodeling and building improvement.

Remodeling (\$1,939,820). The first of these, *building remodeling*, is related to the further upgrading of temporary buildings previously acquired, namely, the Roosevelt Road Building, the Racine Avenue Building, and the Sangamon Street Building. The space in these buildings has been pressed into temporary service for the educational programs of architecture, art, music, and physical education. Upon activation of the Architecture and Art Laboratories Building (Phase II), the Physical Education Building (Phase III), and the Education and Communications Building (Phase III), most of this otherwise unsuitable space will be vacated. If the projected levels of enrollment in 1970, 1971, 1973, and 1974 are to be met, the vacated space in these temporary structures will be used primarily as office space. To do so requires additional remodeling beyond what was accomplished with the 1967-69 appropriation. The annual amortization of these buildings including the remodeling is very much less than the rental costs of space in the neighborhood.

Building improvements (\$1,910,330). This item would provide funds: for the modifications required in existing new buildings due to changes in space assignments as units are moved from temporary into permanent quarters; for a security system, which will provide for centralized surveillance of all buildings and special surveillance of sensitive areas such as the Library Rare Books Collection, certain administrative offices, and areas containing valuable equipment; for the alteration of certain mechanical equipment to allow for remote monitoring and operation, thus enabling a reduction of operating costs; and for the interior building graphics.

Protection of Life and Property..... \$573 900

This item is based upon the recommendation of the Committee on Safety and Fire Prevention. The funds would provide overpressure protection to the building heating systems.

Site Improvements..... \$1 487 500

The site improvements to be funded by this item include the necessary sidewalks, fire-protection system, exterior lighting, lawn-watering system, landscaping, and drainage for the site to be acquired for the Physical Education Building and playing field. The item would also provide funds for the construction of tennis courts, outdoor track-and-field facilities, and baseball and football fields. The following are tentative estimates of cost:

Sidewalks and service drives.....	\$ 62 700
Fire protection services.....	25 000
Exterior lighting	15 100
Lawn-watering system	41 790
Playing fields.....	675 800
Landscape.....	27 100
Drainage	33 870
Total.....	\$881 360

In addition, site improvements are needed in the following areas on the existing campus:

Extend basement area, University Hall.....	\$183 000
Miscellaneous site improvements.....	12 500
Landscape adjacent to Parking Lot 5.....	6 710
Landscape library, Stevenson Hall.....	25 160
Landscape Phase IV buildings.....	77 170
Architecture and art plaza.....	301 600
Total.....	\$606 140

Utilities Distribution System..... \$1 152 800

Heating and air-conditioning are supplied from the Utilities Building to all Phase I, II, and III buildings through an underground distribution system. Electrical power is also supplied through this distribution system.

The proposed construction of the Student Services Building and the Classroom-Office Building (both to be located on the tract of land bordered by Morgan, Harrison, the Eisenhower Expressway, and the walkway ramp) will require modification and extension of the present utilities distribution system.

V. Medical Center Campus: Capital Program for 1969-71

Two of the three buildings in the Medical Center's 1969-71 building program were included in the University's preceding (1967-69) capital request: the Library Building and Phase II of the Dentistry Building.

In terms of general value both to other units at the Medical Center campus and to the entire Medical Center community, the Library Building deserves the very highest priority. The entire educational and professional enterprise in the area suffers because of the appallingly inadequate library facilities at that campus.

The nature and purposes of the new facilities requested for dentistry and medicine are fully described in the following pages. As already noted, the justification for them has been presented in the *Report on Education in the Health Fields*.

Clinical Medicine Centers

Planning and Construction Costs (State Funds)..... \$6 600 000¹

The University of Illinois proposes to begin the implementation of the recommendations in the Board of Higher Education's *Report on Education in the Health Fields* in the biennium 1969-71. The expansion of enrollment for the M.D. degree will have top priority in this program, together with the concurrent establishment of regional clinical centers for postdoctoral training (internship-residency and continuing education).

The first step will be the establishment of a semi-autonomous "school" within the College of Medicine, whose first-year professional class of 100 students would be enrolled for instruction in the basic medical sciences at the Urbana-Champaign campus. (Funds for the construction of a facility to house this work are being requested elsewhere in this document.) After the first medical year at the Urbana-Champaign campus, the students would be transferred to clinical training centers to be developed by the University of Illinois in one or more of the regions designated in the *Report on Education in the Health Fields*.

The purpose of the present request for the sum of \$6,600,000 would be to plan and construct the facilities needed in these clinical centers for the education of 100 sophomore, 100 junior, and 100 senior medical students. This sum would be the amount allowed under the budget formula adopted by the Board of Higher Education at its meeting on June 4, 1968, in accordance with the following calculations:

20 students @ \$50,000 per student.....	\$1 000 000
280 students @ \$20,000 per student.....	5 600 000
Total.....	<u>\$6 600 000</u>

Several stages in the planning of these clinical facilities would be necessary before construction could begin. First, discussions must be held with selected hospitals concerning the terms of affiliation agreements covering the types of training to be developed, the administrative arrangements, and University-hospital relationships involving faculty membership and educational policies. The transformation of hospitals devoted primarily to health care into institutions serving also the purposes of professional medical education is a complex task, requiring careful delineation of the respective missions of the two types of institutions and explicit formulation of the policies and procedures governing their interrelations in the joint enterprise.

The detailed educational program for the clinical centers would then be developed, and the staff and special facilities required would be determined. Only after these matters have been settled would it be possible to spell out the specific requirements for the additional or remodeled space that would be needed for educational purposes.

¹ Efforts would be made to secure all available federal funds for this program — either to replace or to supplement State funds, depending on the total cost as finally determined.

The University assumes that funds from the formula grant would be used first for program planning and design studies necessary for securing estimates of construction and remodeling costs. A report would then be made to the Board of Higher Education outlining the plans and requesting approval of the use of funds for construction and equipment. It is assumed also that prior to submitting requests for the approval of the expenditure of funds for construction, the proposed educational program would have been sent to the Board of Higher Education for review and approval.

The University wishes to emphasize that there can be no guarantee that the amount requested above under the "clinical-center" formula would be sufficient to provide the facilities needed for satisfactory clinical education of 300 medical students—even with the addition of whatever matching federal funds might be secured. Only after detailed plans have been developed with the hospitals involved will it be possible to determine with precision what the costs will be. Every effort would be made, however, to achieve maximal economies in the use of the funds—consistent with the maintenance of adequate standards of quality in all aspects of the program.

College of Dentistry Building, Phase II

Estimated total cost.....	\$10 516 800
State funds.....	(\$ 6 516 800)
Non-State funds.....	(\$ 4 000 000)
Gross square feet.....	133 333
Net assignable square feet.....	80 000
Building efficiency	60%

The program for construction of the second phase of the College of Dentistry Building is a continuation of the program initiated with the approval of Phase I construction in the 1967-69 capital request. Funds for constructing what are now called Phases I and II were requested for the 1967-69 capital budget, but the Board of Higher Education approved only Phase I.

Phase I provides facilities for a professional program of 130 entering dental students (an increase of 31) plus a class of 50 dental assistants. But specialty training, graduate study, and research functions must be temporarily housed in existing space needed by the College of Medicine.

Phase II would provide facilities for a further expansion of the professional ("undergraduate") dental program and for the initiation of training programs in dental technology and dental hygiene. Furthermore, it would permit the relocation and expansion of all specialty training, graduate study, and research activities conducted by the College of Dentistry. The size of the undergraduate dental class will be increased by an additional 35 students to a total of 165 entering students. Two-year programs in dental technology and dental hygiene will have beginning classes of 25 students each; and postgraduate and graduate enrollments will be doubled to give a total of 120 students at these advanced levels. The combined construction programs for Phases I and II will provide complete facilities for a comprehensive dental education program of the size projected herein and will allow for the orderly redistribution of vacated space to the College of Medicine for program development and expansion long deferred due to insufficient facilities.

Meantime, the *Report on Education in the Health Fields*, adopted by the Illinois Board of Higher Education on June 4, 1968, recommends that "the annual number of graduates of the University of Illinois College of Dentistry should be increased by 125 by the year 1980." The completion of Phase II, now requested, would represent a further step towards this goal, but additional construction beyond Phase II would obviously be required to reach it.

Phase II of the College of Dentistry Building has been programmed to provide the following types and amounts of space:

<i>Type of Space</i>	<i>Net Assignable Square Feet</i>
Undergraduate laboratories.....	3 600
Undergraduate clinics.....	10 080
Paradental laboratories.....	4 930
Paradental clinics.....	2 100
Graduate and specialty clinics.....	12 320
Postgraduate laboratories.....	5 220

Graduate laboratories	7 500
Research laboratories	14 400
Offices	10 800
Patient waiting areas	1 200
Lockers	1 310
Commons	1 155
Special areas	5 385
Total	<u>80 000</u>

The building addition has been planned to accommodate the following enrollment *increases* (to bring the College's total enrollment to 905) :

1st year dental	35
2nd year dental	30
3rd year dental	32
4th year dental	32
Paradental	92
Graduate and postgraduate	60
Total	<u>281</u>

Upon completion of Phase II construction, the College of Dentistry will vacate all remaining space in existing buildings totaling about 35,000 net square feet. This space will be reassigned to the College of Medicine.

Library of Medical Sciences

Estimated total cost	\$9 337 500
State funds	(\$7 337 500)
Non-State funds	(\$2 000 000)
Gross square feet	134 000
Net assignable square feet	84 048
Building efficiency	63%

The University's request for a library facility was approved by the Illinois Board of Higher Education for funding in the 1967-69 biennium, but the project was subsequently omitted from the Governor's budget.

The Library of Medical Sciences represents one of the most valuable resources in health education and health care possessed by the State. In spite of its value, the potential contribution of this function to health-science education and research has been restricted by extremely inadequate physical facilities for library materials, users, and staff. This view is supported by the following comment in the *Report on Education in the Health Fields* adopted by the Illinois Board of Higher Education on June 4, 1968: "The need for adequate library facilities and resources for each institution in which health education is being conducted cannot be overstated. Current facilities are far from adequate."

As expressed in a recent examiners' report to the national education council of one college, the Library's "effectiveness is largely lost due to inadequacy in space both for housing books and periodicals, for strategically-located library personnel, and for adequate reading table space." The report continues: "In the judgment of the examiners, this is the most serious physical need for the College and it would appear likely to be one of considerable urgency for the entire health professions complex."

Since 1941, efforts have been made to improve this situation, but with little success. Recently, the acute shortage of space required the installation of book-stacks in scarce reader space and the relocation of some functions to remote, temporary locations.

The Library of Medical Sciences is acutely aware of the growing expectations for health information systems at the local, State, and national levels. The program for new facilities provides a capability for development in this area, as well as providing for the essential housing of materials, users, and staff.

The program calls for the construction of 84,048 net square feet of space to accommodate the projected needs resulting from program expansions in all health fields and a phased development for information systems.

The Library of Medical Sciences has been programmed to provide the following types and amounts of space :

<i>Type of Space</i>	<i>Net Assignable Square Feet</i>
Stacks and materials space.....	34 038
Reader and user space.....	36 000
Staff and service space.....	14 010
Total.....	84 048

The Library is planned to provide informational services to the following projected campus population in 1980:

Students (Headcount)

Professional students	3 877
Postgraduate students	370
Graduate students.....	1 159
Total Students	<u>5 406</u>

Staff

Academic staff.....	1 370
Nonacademic staff.....	5 170
Total Staff.....	<u>6 540</u>

The building has been planned to accommodate the following:

Book and non-book materials.....	308 380	Volumes
Reader and user capacity.....	1 200	
Staff.....	49	

Upon completion of the Library Building, all existing library space will be vacated and reassigned. Approximately 15,000 net square feet of space adjacent to the College of Medicine will be reassigned to that College.

Temporary space occupied by the Library in the old Chicago Illini Union Building will be reassigned for administrative offices.

Other Capital Projects

Movable Equipment..... \$4 665 000

1967-69 buildings (\$3,770,000). Funds are requested to complete the equipping of buildings approved for construction during the 1967-69 biennium. Capital appropriations for the last biennium did not include movable-equipment allocations for approved buildings, except for funds required to match anticipated federal grants. The following figures summarize the movable-equipment funds requested for the 1967-69 buildings, with breakdowns showing the amounts needed in 1967-69 and in 1969-71:

<i>Project</i>	<i>Total Cost of Movable Equipment</i>	<i>Funded in 1967-69 Biennium</i>	<i>Other Funding</i>	<i>Requested for 1969-71 Biennium</i>
Dentistry, Phase I.....	\$2 260 000	\$200 000	.....	\$2 060 000
Nursing Building.....	950 000	35 000	\$385 000 ¹	530 000
Medical Research				
Laboratory.....	680 000	40 000	.....	640 000
Office Building.....	555 000	15 000	.....	540 000
Total.....	<u>\$4 445 000</u>	<u>\$290 000</u>	<u>\$385 000</u>	<u>\$3 770 000</u>

1969-71 buildings (\$525,000). Funds are requested only to the extent needed to match anticipated federal grants for movable equipment for the College of Dentistry Building and the Library Building. The balance of the movable-equipment funds will not be needed until the 1971-73 biennium. The following figures show the total needed and the proposed distribution of funds for 1969-71 and 1971-73:

<i>Project</i>	<i>Total Cost of Movable Equipment</i>	<i>Deferred to 1971-73 Biennium</i>	<i>Requested for 1969-71 Biennium</i>
Library.....	\$ 485 000	\$ 360 000	\$125 000
Dentistry, Phase II.....	2 050 000	1 650 000	400 000
Total.....	<u>\$2 535 000</u>	<u>\$2 010 000</u>	<u>\$525 000</u>

¹ \$182,000 from federal funds plus \$203,000 from Seventy-fourth General Assembly funds, reappropriated.

Conversion to color television (\$370,000). Funds are requested to provide the capability for color-television production, for instruction as well as for public service activities. The major portion of the funds requested (\$345,000) will be needed for new color equipment, with the remainder (\$25,000) required for upgrading existing "black-and-white" equipment. Color is universally accepted as the highly desirable medium for television instruction in medicine and the related health sciences and professions. Televised instruction of surgical procedures in color adds important educational realism which is absent when shown only in black and white. Significant health-related information now televised to the public in black and white by commercial stations will be lost as these stations change to color only, unless the taped programs can be presented to the station in color.

Planning 1971-73 \$1 145 000

Funds are requested to provide consultation, architectural, and engineering services for projects essential to the development of the programs at the Medical Center campus. These projects include hospital construction and remodeling, remodeling of space to be vacated by the College of Dentistry, building-equipment automation and air-conditioning, and continuation of campus master planning.

Research and Educational Hospitals (\$650,000). The Hospital Planning Council for Metropolitan Chicago has recently issued a document entitled "Structural and Functional Obsolescence Report: University of Illinois Research and Educational Hospitals," which attests to the substandard conditions that exist throughout most of these buildings. The report presents what the University considers to be a very conservative estimate of \$15,831,444 for the remodeling and modernization necessary "to eliminate structural and functional obsolescence." The changes proposed might well be sufficient to bring the Hospitals up to acceptable standards as a "community hospital," but such modernization would not enable the facility to meet the rigorous architectural and technological requirements of a modern "research and educational hospital." Hence, the University requests the sum of \$650,000 with which to: (a) conduct a systematic study of the role and functions of its Hospitals within the Medical Center, the Chicago metropolitan area, and the State; (b) develop the concept and a detailed program for a hospital complex that would enable the University adequately to discharge its teaching and research responsibilities; (c) develop architectural plans for remodeling and new construction in sufficient detail to be submitted to federal agencies with applications for matching grants.

Plans for remodeling space to be vacated by the College of Dentistry (\$290,000). This space will not be available for remodeling until the College of Dentistry can occupy the first phase of its new facilities, which are scheduled to be completed near the end of the calendar year 1970. The funds requested herein will provide for architectural services required to prepare the project for bidding at the beginning of the 1971-73 biennium. The remodeled space will be allocated to the College of Medicine, which has acute needs that can thus be met at a cost substantially less than that for new construction.

Modernization plans for utility systems (\$175,000). Complete engineering services are requested to prepare plans for automation of building equipment and centralized air-conditioning systems. This utility planning will substantially reduce long-range capital and operating costs.

Campus master-plan studies (\$30,000). Funds are also requested to continue studies of the long-range campus plan to permit effective integration of complex educational, research, and service functions conducted at the Medical Center campus. The funds requested will provide consulting services to expand and update the campus master plan.

Remodeling, Rehabilitation, and Minor Additions \$1 785 000

The major portion of these funds are requested for remodeling space to be vacated by the College of Nursing, and for administrative offices which will be reassigned to the College of Medicine. Approximately 100,000 net square feet of existing building space will become available to the College of Medicine in two phases. The first phase of remodeling will provide about 32,000 net square feet at a cost substantially less than new construction.

Included in the request are remodeling projects for the Research and Educational Hospitals: space for an organ transplant program, expansion of the new-

born nursery area, provision of decentralized floor kitchens, and renovation of intern quarters. Also included are instructional television interconnections between buildings, rehabilitation of the ventilation and air-conditioning system in the Medical Research Laboratory, general campus elevator rehabilitation, and provision for better campus security.

Protection of Life and Property..... \$815 000

Funds requested herein are required for building and utility work necessary to meet building codes and safety standards. The projects included are for remodeling to correct code violations within the R & E Hospitals and the East Dentistry-Medicine-Pharmacy Building, and to provide overpressure protection to the steam-piping system.

Site Improvements \$ 35 000

Funds are requested to provide a loading dock and refuse station for the University buildings bounded by Wood, Polk, Taylor, and Wolcott Streets. Without this facility, and with the construction of the addition to the Medical Research Laboratory, access to the main campus area at grade level is cut off.

Utilities Distribution System..... \$386 000

With the construction of Phase II of the College of Dentistry Building, a new steam service will be required to provide steam for this project. The closest point where capacity is available is the southeast corner of Paulina and Taylor Streets. The funds requested above would provide for steam and return conduits from Paulina and Taylor Streets to the College of Dentistry project.

VI. Urbana-Champaign Campus: Capital Program for 1969-71

In developing the 1969-71 capital budget requests for the Urbana-Champaign campus, the urgent problems in meeting the expanding needs for graduate and professional education have been of grave concern. The great increases in freshman enrollment in the mid-sixties are producing major increases in students seeking post-baccalaureate education. Thus, on a national basis, the number of bachelor's degrees in science and engineering increased from 210,000 in 1965 to 275,000 in 1968, and are predicted to increase to an estimated total of 305,000 in 1969 (U. S. Office of Education figures and projections). The temporary dislocations of the flow into graduate programs caused by draft policies will add to the increasing numbers of college graduates who will be seeking graduate education in the early seventies. The construction of graduate facilities is a complex process requiring long lead times. It is, therefore, of the utmost urgency that expansion of graduate facilities be given a high priority. Otherwise college graduates, many of whom will be veterans, will be denied adequate opportunities for continuing their education, and the nation will fail to keep pace with its growing need for teachers, research specialists, and other technical manpower.

Four of the building projects listed in Table IV were included in the University's 1967-69 capital request (East Chemistry-2nd Addition, Engineering Library, Law Building Addition, and Nuclear Reactor Addition) but were not authorized for funding. The needs underlying these requests persist—and the delay has caused both escalation of cost estimates and deferral of the educational benefits to be gained from them.

The most striking fact about the projects in the Urbana-Champaign list is the wide diversity of needs represented: agriculture, engineering, law, medicine, veterinary medicine, speech pathology—as well as a graduate-research facility in chemistry, one of the University's most distinguished departments which is largely housed in one of its oldest buildings.

East Chemistry, Second Addition

Estimated total cost.....	\$11 024 300
State funds	(\$ 8 124 300)
Non-State funds.....	(\$ 2 900 000)
Gross square feet.....	133 646
Net assignable square feet.....	80 612
Building efficiency	60%

This facility will provide space for research and instruction in physical chemistry and chemical physics, departmental service facilities and offices, and a departmental library. This project was included in the University's 1967-69 request for capital funds, but was not approved by the Board of Higher Education.

About half of the space in the proposed addition will be used for research, graduate instruction, and undergraduate instruction in physical chemistry and chemical physics—programs that are currently housed in Noyes Laboratory, which was constructed in 1902 and in 1915. The quantity and quality of the existing space directly hampers the research and instructional programs in these areas and also presents problems in the recruitment and retention of first-rate faculty.

About a fourth of the addition will be used for a departmental library, which is in urgent need of relocation and expansion from its present congestion in Noyes Laboratory. The remainder of the space is to be devoted mainly to various departmental offices, service laboratories, and shops. The availability of these new facilities will not only permit the existing programs in the department to be expanded and carried out more efficiently, but will also allow the department to broaden its research and instructional programs by including research areas which cannot now be accommodated.

Schematic drawings have been completed for the facility, and a grant application has been submitted to the Graduate Facilities Branch of the U. S. Office of Education for funds under Title II of the Higher Education Facilities Act of 1963. It is anticipated that a grant application will also be submitted to the National Science Foundation. It is estimated that this facility is eligible to receive approximately \$2,900,000 in federal funds.

This project is planned to provide the following types of space:

NASF by Building Block

<i>Administrative Unit</i>	<i>Instructional Laboratories</i>	<i>Office</i>	<i>Research</i>	<i>Library</i>	<i>Commons</i>	<i>Total</i>
Chemistry.....	5 112	15 954	37 380	.....	.....	58 446
Library.....	.....	.....	.....	18 689	.....	18 689
General University.....	.....	.....	.....	.....	3 477	3 477
Total.....	<u>5 112</u>	<u>15 954</u>	<u>37 380</u>	<u>18 689</u>	<u>3 477</u>	<u>80 612</u>

Space for the following faculty and staff members would be provided:

FTE teaching staff.....	39.0
FTE research staff.....	37.0
Nonacademic staff requiring office space.....	62.0
Others.....	14.0
Total FTE requiring office space.....	<u>152.0</u>

Having this facility would allow the Department of Chemistry and Chemical Engineering to vacate 16,186 net assignable square feet in Noyes Laboratory. This space, after some remodeling, can be assigned to the life sciences, which require less complex laboratories than chemistry.

In summary, this project meets several types of departmental needs and can be related to them approximately as follows: 30 per cent for enrollment increases, 26 per cent for replacement of inadequate facilities, and 44 per cent to overcome existing departmental space shortages.

Engineering Library

Estimated total cost.....	\$5 786 900
State funds.....	(\$4 786 900)
Non-State funds.....	(\$1 000 000)
Gross square feet.....	91 718
Net assignable square feet.....	62 368
Building efficiency.....	68%

This project will provide library space for all students in the College of Engineering, except for those in the Department of Physics, as well as provide an interdisciplinary research center on information storage and retrieval.

The University's College of Engineering at Urbana is one of the country's largest and most distinguished centers of engineering education and research. With a total enrollment of almost 5,000 — including 1,300 graduate students — the College's library space is grossly inadequate. There is seating space for only 120 students and book storage for only 50,000 volumes; yet, within ten years, adequate seating space is expected to approximate 1,100 reading stations and the book collection is expected to reach 200,000 volumes. Stack space for the engineering collection was exhausted years ago, and a substantial portion of the engineering books has been transferred to the bookstacks in other buildings where they are relatively inaccessible to engineering students and faculty.

Funds for this building were requested for the 1967-69 biennium, but the project was not approved by the Board of Higher Education. Meantime, enrollment has continued to increase, and further substantial increases are projected. The critical deficiency in the College's library space should be remedied.

In addition to providing library facilities, this building will add space for a research center on information storage and retrieval that will be used jointly by the Department of Electrical Engineering, the Department of Computer Science, and the Graduate School of Library Science.

It is believed that this project would be eligible for as much as \$1,000,000 in federal funds.

The facility is programmed to contain the following types and amounts of space:

<i>Administrative Unit</i>	<i>NASF by Building Block</i>				<i>Archive and Storage</i>	<i>Total</i>
	<i>Library</i>	<i>Office</i>	<i>Research</i>			
Library						
Stack.....	20 147	.....	.....	...	20 147
Reading.....	30 546	.....	.....	...	30 546
Service.....	6 107	.....	.....	...	6 107
Electrical Engineering.....	.....	675	2 175	285	3 135
Computer Science.....	.....	675	870	155	1 700
Library Science.....	.....	675	44	14	733
Total.....	56 800	2 025	3 089	454	62 368	

Law Building Addition

Estimated total cost.....	\$5 301 100
State funds.....	(\$3 651 100)
Non-State funds.....	(\$1 650 000)
Gross square feet.....	85 365
Net assignable square feet.....	54 829
Building efficiency.....	64%

This facility would enable the College of Law to increase substantially its enrollment of professional students, as well as to provide space for additional graduate students. Enrollment would be increased from 637 in the year 1967-68 to slightly more than 1,000 students.

Applications for admission to the College of Law have grown rapidly in recent years, and many well-qualified students are now being denied admission. If the State of Illinois is to continue to provide opportunity for legal education to an increasing number of college graduates, it is essential that this program of expansion be supported.

The Law Building Addition was included in the 1967-69 request for capital funds, and was approved by the Illinois Board of Higher Education. However, funds for this facility were not included in the budget submitted to the General Assembly by the Governor.

Schematic drawings have since been completed, and a grant application has been submitted to the Graduate Facilities Branch of the U. S. Office of Education under Title II of the Higher Education Facilities Act of 1963. It is estimated that this facility is eligible to receive approximately \$1,650,000 in federal funds.

This facility is programmed to provide the following types and amounts of space:

<i>Type of Space</i>	<i>Net Assignable Square Feet</i>
Office-research	12 055
Storage.....	1 762
Locker-lounge.....	6 814
Library.....	23 853
Classroom.....	5 840
General University Auditorium.....	4 505
Total.....	<u>54 829</u>

This facility, in conjunction with the existing facilities of the Law Building, will provide space for the following students enrolled in the College of Law:

<i>FTE Enrollment Capacity</i>					<i>Graduate Headcount Capacity</i>				
<i>F-S</i>	<i>J-S</i>	<i>Prof.</i>	<i>Grad. I</i>	<i>Grad. II</i>	<i>Total</i>	<i>Prof.</i>	<i>Grad. I</i>	<i>Grad. II</i>	<i>Total</i>
..	..	969	20	5	994	975	24	6	1 005

Upon completion of the Law Building Addition, the College of Law would have space for the following faculty and staff:

FTE teaching.....	48.09
FTE research.....	.70
FTE nonacademic.....	20.79
Others.....	8.95
Total.....	<u>78.53</u>

Medical Sciences Building

Estimated total cost.....	\$8 308 700
State funds	(\$4 308 700)
Non-State funds	(\$4 000 000)
Gross square feet.....	100 000
Net assignable square feet.....	60 000
Building efficiency	60%

The Medical Sciences Building would provide facilities for the first year of a new medical program for 100 entering students (M.D. candidates). In addition, this facility would provide for graduate education in three basic biological sciences (physiology, microbiology, and biological chemistry).

It is proposed to initiate a new program in medical education consisting of one year of concentrated instruction in the basic sciences at the Urbana-Champaign campus, with the remaining three years to be offered in clinical centers located in one or more of the regions specified in the *Report on Education in the Health Fields*, which was approved by the Board of Higher Education on June 4, 1968. The general educational plan has also been described in the University's report of December 13, 1967, entitled *Proposals for the Expansion of Education in the Health Professions—1967-1980*.

In addition to providing facilities for the initiation of a new program in undergraduate medicine, graduate facilities in the three basic science departments (physiology, microbiology, and biological chemistry) would be expanded in order to train additional teachers in these fields. There is a critical shortage of faculty in all areas of medical science, and medical education cannot be expanded without increasing the supply of teachers.

This facility is programmed to provide the following types and amounts of space:

<i>Type of Space</i>	<i>Net Assignable Square Feet</i>
Office.....	7 410
Instruction laboratories.....	15 000
Animal holding	2 500
Research.....	26 325
Classroom.....	3 050
Library.....	1 150
Locker-lounge.....	2 150
Storage.....	2 415
Total.....	<u>60 000</u>

Nuclear Reactor Addition

Estimated total cost.....	\$1 447 300
State funds.....	(\$ 812 300)
Non-State funds.....	(\$ 635 000)
Gross square feet.....	20 371
Net assignable square feet.....	12 160
Building efficiency.....	60%

The Nuclear Reactor Laboratory is an interdisciplinary facility, administered by an interdepartmental committee, primarily for the training of students in nuclear engineering. The Laboratory is also used by the Departments of Chemistry and Chemical Engineering, Physiology and Biophysics, Physics, and various other engineering departments.

The present Nuclear Reactor Laboratory is not adequate for the nuclear engineering program; yet the demand for reactor use by other departments is increasing steadily. This results in unduly long operating hours and extreme congestion of equipment. With the upgrading of the power level of the reactor by a factor of 10 in 1968 (funded by the National Science Foundation, the Atomic Energy Commission, and the University), these unsatisfactory conditions will become intolerable if additional space is not provided.

The State of Illinois is vitally involved in the modern nuclear age. This is indicated by the presence in the State of Argonne National Laboratory, the National Accelerator Laboratory at Weston, the Dresden Nuclear Power Plants, and a sizable nuclear industry. The nuclear engineering program at the University of Illinois was developed to nourish this new field. In the ten years since the establishment of the nuclear engineering program, it has grown to the point where it is equaled in prestige only by that at the Massachusetts Institute of Technology, the University of Michigan, and the University of California (Berkeley). If this program is to maintain a high standard of excellence, it must have adequate research and supporting space.

This facility was included in the University's 1967-69 capital request, but was not approved for funding by the Board of Higher Education. Schematic drawings have been completed, and a proposal was submitted to the National Science Foundation (NSF) for a matching grant. When State funds were not provided, NSF suggested that the proposal be withdrawn and resubmitted later. In February 1968, therefore, the grant application was reluctantly withdrawn by the University. It will be updated and resubmitted, however, and it is hoped that a grant in the amount of \$635,000 would be made.

This project is programmed to provide the following types and amounts of space:

<i>Type of Space</i>	<i>Net Assignable Square Feet</i>
Office.....	2 792
Research laboratories.....	9 368
Total.....	<u>12 160</u>

This facility, in addition to the 12,613 net assignable square feet presently assigned, will provide space for the following students in nuclear engineering:

	<i>FTE Enrollment Capacity</i>				<i>Headcount Capacity</i>		
<i>F-S</i>	<i>J-S</i>	<i>Grad. I</i>	<i>Grad. II</i>	<i>Total</i>	<i>Grad. I</i>	<i>Grad. II</i>	<i>Total</i>
..	1	26	57	84	30	54	84

Research Animal Holding Facility

Estimated total cost.....	\$787 000
State funds.....	(\$487 000)
Non-State funds.....	(\$300 000)
Gross square feet.....	9 600
Net assignable square feet.....	6 240
Building efficiency.....	65%

On August 17, 1967, the University of Illinois was registered as a research facility with the U. S. Department of Agriculture in accordance with the

Laboratory Animal Welfare Act, Public Law 89-544. As a research facility using animals, the University is required to comply with standards and regulations governing the humane handling, care, and treatment of laboratory animals as outlined in Title 9, Chapter 1, Subchapter A, of the *Federal Register*, Vol. 32, No. 37.

The present animal housing space, dispersed in sixteen departments at the Urbana-Champaign campus, fails to meet the standards established in this Act. Although the University has requested an extension of the time limit for compliance until late 1971 because of budgetary limitations, this request has not yet been approved. Consequently, the University of Illinois, as a research facility, is technically in violation of P.L. 89-544.

Constructing a new facility is preferred to the alternative of upgrading existing space because the latter is overcrowded in terms of the standards, and upgrading it would reduce the capacity to house animals at a time when the demand for research animals is increasing. To keep even the present number of animals properly housed, the University would be forced to convert other space in several locations to animal-holding quarters. Also, costly remodeling would provide only a temporary solution to the problem.

The proposed facility would alleviate the crowded conditions in existing structures and would allow the employment of improved husbandry procedures designed to improve the health and quality of laboratory animals used in research.

The proposed structure would facilitate accreditation of the Urbana-Champaign campus by the American Association for Accreditation of Laboratory Animal Care (AAALAC). Accreditation in the AAALAC program would guarantee that laboratory animals at this campus are maintained under satisfactory conditions judged by national standards.

This facility is programmed to contain 6,240 net assignable square feet. It will consist primarily of space for animal cages, storage of feed and refuse, and receiving and treatment rooms. Only two offices and a small necropsy room will be provided. In addition, certain air exchange and temperature controls will also be required.

Speech and Hearing Clinic

Estimated total cost.....	\$2 000 700
State funds.....	(\$1 200 700)
Non-State funds.....	(\$ 800 000)
Gross square feet.....	29 265
Net assignable square feet.....	17 560
Building efficiency.....	60%

This facility will provide laboratory space for the undergraduates and for the clinical and research work of graduate students and faculty members in speech and hearing science. The present space is inadequate in amount and obsolete—imposing great hardship upon the staff's efforts to maintain a research program and diagnostic and therapeutic services of high quality. The Clinic is housed in what are believed to be the poorest quarters among all such facilities used by other Illinois universities or by other Big Ten universities.

The training program in speech pathology and audiology at the University has been accredited by the Education and Training Board of the American Board of Examiners in Speech Pathology and Audiology—being one of seven such training programs to be accredited in the United States. The Speech and Hearing Clinic itself is one of only twenty-five such institutions in the country that have been approved for registration by the Professional Services Board of the American Board of Examiners in Speech Pathology and Audiology; and it is the only one in Illinois with such approval. To demonstrate the urgency of providing modern facilities for this program, both of these Boards included in their recommendations statements concerning the need for immediate improvement of the quality, quantity, and character of the physical facilities.

The training and research activities carried on in the present locations are supported by grants from the U. S. Office of Education, the Vocational Rehabilitation Administration, the National Institute of Dental Research, the National Institute of Neurological and Sensory Diseases, and the Illinois Department of Public Health.

The Director of the Speech and Hearing Clinic estimates that approximately \$800,000 in non-State funds can be obtained from a combination of the following sources: (a) National Institutes of Health; (b) Hill-Burton Act; (c) Vocational Rehabilitation Administration; and (d) National Science Foundation. Applications for such funds will be prepared and submitted to these agencies as soon as the schematic drawings are completed.

This project is programmed to provide the following types and amounts of space:

Department	NASF by Building Block			
	Office	Research	Classroom	Total
Speech.....	6 357	9 738	.....	16 095
General University.....	.....	.....	1 465	1 465
Total.....	6 357	9 738	1 465	17 560

This building is designed to meet the needs of the following students in the Speech and Hearing Science Division of the Department of Speech:

FTE Enrollment Capacity					Graduate Headcount Capacity		
F-S	J-S	Grad.		Total	Grad.		Total
		I	II		I	II	
21	65	17	10	113	25	18	43

Turner Hall Addition

Estimated total cost.....	\$7 028 000
State funds.....	(\$5 928 000)
Non-State funds.....	(\$1 100 000)
Gross square feet.....	94 237
Net assignable square feet.....	56 542
Building efficiency.....	60%

Turner Hall (Plant Sciences Building) is occupied primarily by the Department of Agronomy. Completion of the addition will permit the Departments of Agronomy and Plant Pathology and the U. S. Department of Agriculture to conduct virtually all of their activities within the same building.

The research and educational programs of the Departments of Agronomy and Plant Pathology are primary sources of the new knowledge and trained manpower needed by Illinois agriculture, which currently contributes more than two billion dollars annually to the economy of the State. To help meet this need and to assist in increasing food production and in stimulating economic growth in the developing countries, the University must expand graduate study and research in all aspects of the plant sciences.

Increased efficiency in the use of laboratories, classrooms, and expensive research equipment will result when the Departments of Agronomy, Forestry, Horticulture, and Plant Pathology are brought together in a single plant sciences building.

The present Turner Hall structure was completed in 1964. Planning funds for the Turner Hall Addition were included in the University's capital appropriation for 1967-69. It is believed that the proposed addition will qualify for approximately \$1,100,000 in federal funds from the National Institutes of Health.

This facility would provide the following types and amounts of space:

Department	NASF by Building Block				
	Instruc-tional Lab-oratories	Office	Research	Storage	Total
Agronomy.....	583	4 507	19 675	3 830	28 595
Plant Pathology.....	1 106	4 817	15 030	1 047	22 000
U.S. Department of Agriculture.....	.....	2 621	3 251	75	5 947
Total.....	1 689	11 945	37 956	4 952	56 542

A total of 28,063 net assignable square feet is to be vacated by the plant-science departments in Davenport Hall, to be assigned to the College of Liberal Arts and Sciences. This would provide badly needed space in the center of the campus for social-science departments.

Veterinary Medicine Hospital

Estimated total cost.....	\$10 022 800
State funds.....	(\$ 5 772 800)
Non-State funds	(\$ 4 250 000)
Gross square feet.....	119 426
Net assignable square feet.....	71 641
Building efficiency.....	60%

The Veterinary Medicine Hospital is the second stage in a long-range plan to create an integrated complex of structures for the State's only College of Veterinary Medicine. The proposed building will be located adjacent to the new Small Animal Clinic and Hospital (now under construction), and will house the teaching, research, extension, and public service activities of the Department of Veterinary Clinical Medicine in the areas of large animal medicine and surgery. Completion of this structure will provide the clinical facilities required to bring enrollment in the professional curriculum to an entering class of 100. This facility is planned for the simultaneous hospitalization, examination, and treatment of approximately 170 farm animals, chiefly cattle, horses, swine, and sheep.

Planning funds for this project were provided in the 1967-69 biennium, and working drawings should be available by July 1969.

Through the National Institutes of Health, under P.L. 89-290 (Veterinary Medical Education Act of 1966), this project will qualify for approximately \$4,250,000 in federal funds, or more than 40 per cent of the project cost. An application for an NIH federal grant was submitted in June 1968.

This facility is programmed to provide the following types and amounts of space:

<i>Type of Space</i>	<i>Net Assignable Square Feet</i>
Instructional laboratory.....	2 851
Office.....	6 546
Research.....	5 303
Storage.....	3 090
Commons.....	3 025
Clinic.....	48 326
Classrooms.....	2 500
Total.....	<u>71 641</u>

The enrollment capacity of the College of Veterinary Medicine at the completion of the Veterinary Medicine Hospital will be as follows:

<i>FTE Enrollment Capacity</i>						<i>Graduate-Professional Headcount</i>			
<i>F-S</i>	<i>J-S</i>	<i>Prof.</i>	<i>Grad. I</i>	<i>Grad. II</i>	<i>Total</i>	<i>Prof.</i>	<i>Grad. I</i>	<i>Grad. II</i>	<i>Total</i>
..	13	408	14	23	458	375	25	43	443

No space would be released as the result of the completion of this project, since the existing clinical facilities will be remodeled into basic sciences laboratories for use in accommodating the larger entering class in the professional veterinary program.

Other Capital Projects

Power Plant Addition..... \$3 414 400

On January 1, 1968, there was a deficiency in firm steam capacity of 10,000 lbs./hour on the Urbana-Champaign campus. Although this condition does not presently seriously affect the campus steam supply, it will become critical as the buildings approved for construction in 1965-67 and 1967-69 are completed and occupied.

To meet the additional demands for steam created by the completion of these new buildings, Boiler No. 8, with the capacity of 200,000 lbs./hour, must be added in the 1969-71 biennium. Every precaution will be taken to maintain the present boilers in first-class condition until the new boiler enters service in late 1971, because the system will be operating under an estimated 145,000 lbs./hour steam deficit at that time.

In addition, Abbott Power Plant will require improvements to comply with

the new air pollution law. Installation of electrostatic precipitators to supplement the cyclone dust collectors now installed in the plant will result in a dust emission discharge into the atmosphere well below that permitted by the present law.

Land Acquisition \$4 610 000

These funds are needed for three primary purposes:

1. To enable the University to acquire title to land already purchased in its behalf by the University of Illinois Foundation (\$3,000,000).
2. To acquire land needed for the proposed academic buildings and miscellaneous facilities requested for 1969-71 (\$1,170,000).
3. To acquire land needed to satisfy partially the immediate demands for parking at various fringe locations of the campus (\$440,000).

The land acquired by the Foundation in behalf of the University includes advance purchase of parcels involving the sites for proposed buildings such as the Medical Sciences Building, the Engineering Library, and the Center for Advanced Study. Also included are facilities for specialized research in the fields of agriculture and childhood education—as well as some space for fringe-campus parking. In all cases, the land purchased had been put on the market for sale, and would have undergone sharp increase in price due to probable improvement—much of it for commercial purposes.

The land for proposed academic buildings and miscellaneous facilities includes only those sites not previously purchased by the University or the University of Illinois Foundation, but which are needed for the projects specifically included in this budget request. The projects involved are those academic facilities for which construction or planning funds are requested, as well as the proposed University Club-Center for Advanced Study complex and a pedestrian easement through Mt. Hope Cemetery.

In accordance with the *Policy Statement Concerning Provision of Parking Facilities at Illinois Institutions*, submitted to the Illinois Board of Higher Education at its meeting on June 4, 1968, certain of the present land requests are submitted in order to provide badly needed surface parking facilities on the north and east sides of the campus.

Parking facilities so constructed will be financed from income generated by the faculty-staff and student parking programs. Upon completion of the program outlined here, the campus would still be far short of the facilities ultimately planned for, and would be well within the guidelines established by the Illinois Board of Higher Education.

Movable Equipment \$3 740 200

1967-69 buildings (\$2,500,000). Funds are needed to complete the equipping of buildings approved for construction during the 1967-69 biennium. Capital appropriations for the present biennium did not include movable equipment allocations for approved buildings, except for funds required to match federal grants or minor advance purchases. A summary of the anticipated distribution of the movable-equipment funds requested for the 1967-69 projects is as follows:

<i>Project</i>	<i>Total Cost of Movable Equipment</i>	<i>Funded in 1967-69 Biennium</i>	<i>Other Funding</i>	<i>Requested in 1969-71 Biennium</i>
Civil Engineering Building, Phase IIA.....	\$ 815 000	\$100 000	\$590 000 ¹	\$ 125 000
Small Animal Clinic.....	503 000	50 000	—0—	453 000
Foreign Languages Building..	989 000	52 000	—0—	937 000
Intramural-Physical Educa- tion Building.....	292 000	92 000	—0—	200 000
Library, Fifth Stack Addition	40 000	—0—	—0—	40 000
Music Building.....	695 000	40 000	—0—	655 000
Women's Gymnasium Addition.....	38 000	23 000	—0—	15 000
Contingency.....	105 000	30 000	—0—	75 000
Total.....	<u>\$3 477 000</u>	<u>\$387 000²</u>	<u>\$590 000</u>	<u>\$2 500 000</u>

¹ From Seventy-fourth General Assembly funds, reappropriated.

² Remainder of \$600,000 appropriated, plus \$115,000 from contingencies, applied to the Civil Engineering Building, Phase I (\$175,000), Psychology Laboratory (\$23,000), Personnel Services Building (\$20,000), and the Television Studio Addition (\$110,000).

1969-71 buildings (\$1,000,000). Funds are requested only to the extent of meeting movable-equipment costs required for matching anticipated federal grants, and meeting the needs of projects scheduled for completion at or near the end of the 1969-71 biennium. The balance of the movable-equipment funds would not be needed until the 1971-73 biennium. A summary of anticipated distribution of the funds requested for the 1969-71 projects is as follows:

Project	Total Cost of Movable Equipment	Deferred to 1971-73 Biennium	Other Funding ¹	Requested in 1969-71 Biennium
East Chemistry Addition..	\$1 205 000	\$ 970 000	\$ 235 000	-0-
Engineering Library.....	353 000	253 000	100 000	-0-
Veterinary Medicine Hospital.....	704 900	308 900	110 000	\$ 286 000
Law Building Addition....	265 000	190 000	75 000	-0-
Turner Hall Addition.....	985 000	285 000	320 000	380 000
Nuclear Reactor Addition	363 000	93 000	145 000	125 000
Speech and Hearing Clinic Research Animal Holding Facility.....	230 000	140 000	90 000	-0-
Medical Sciences Building	144 000	20 000	60 000	64 000
Fire and Police Station....	974 000	630 000	344 000	-0-
Contingency for above projects and Minor Additions.....	45 000	-0-	-0-	45 000
	100 000	-0-	-0-	100 000
Total.....	\$5 368 900	\$2 889 900	\$1 479 000	\$1 000 000

Conversion to color television (\$240,200). In order for the Urbana-Champaign campus to keep pace with developments in public and educational broadcasting, additional equipment capable of producing programs in color is urgently needed. The lack of capability for producing live or taped programs in color seriously limits the effectiveness of the University's use of this medium, which serves the following educational purposes: (a) on-campus instruction (closed circuit); (b) off-campus adult education; (c) education of students for professional careers in television. The funds requested will be used to purchase new color equipment, as well as to convert existing black-and-white equipment for color productions.

Planning 1971-73 \$1 397 600

Funds are requested for planning to provide consultation, architectural, and engineering services for buildings essential to the future development of the Urbana-Champaign campus. Included in this request are planning funds for:

1. Aeronautical and Astronautical Engineering Building (\$299,600).
2. Digital Computer Laboratory Addition (\$339,000).
3. Geology Building, Phase I (\$432,000).
4. Education Building (\$327,000).

For over twenty years, the *Department of Aeronautical and Astronautical Engineering* (formerly Aeronautical Engineering) has been assigned to space that has been vacated by other departments, as those departments have moved to newer and more modern facilities. With only minor remodeling of this "cast-off" space, which can only be described as hopelessly obsolete and inadequate, the Department has been forced to conduct a modern teaching and research program in one of the most rapidly growing areas of technology. The Department's undergraduate enrollment is the largest of any accredited aerospace program in the nation, but the inadequate physical facilities make it difficult to provide these students with the type of modern engineering education they deserve, and which would maintain the Department's position of leadership. A new facility would bring together the scattered activities of the Department into space planned for the type of highly technical programs offered, as well as provide facilities for programs that cannot be undertaken now. It is estimated that the sum of \$299,600 would meet the architectural cost required in preparing federal grant applications and bid documents.

¹ To be requested from federal sources.

The third addition to the *Digital Computer Laboratory* is to be occupied by the Department of Computer Science. This Department is experiencing an explosive demand for its teaching, research, and service programs from students and staff at all levels and disciplines in the University structure. Enrollment demands are greater than can be met with existing facilities, and are expected to increase sharply; research activities are creating ILLIAC IV, a machine that will have an arithmetic capacity of approximately one billion multiplications per second; and demands for departmental service in interdisciplinary programs are increasing rapidly. Since present space will become critically overcrowded before this proposed addition is completed, planning funds should be provided immediately so as to minimize the delays in getting the project under construction when funds become available. The present request would provide for the architectural services required for federal construction grant applications and for bid documents. The cost of these services is estimated at \$339,000.

The *Department of Geology* currently occupies obsolete and functionally inadequate space in the Natural History Building. To relieve temporarily these inadequacies, several areas assigned to the Department have been remodeled; but the extent of the remodeling required to provide the amount and kinds of space needed by a modern Department of Geology would cost more than the construction of a new facility. With the changing emphasis in geologic training and research, close ties are developing between geology and other sciences. The sum of \$432,000 is the estimated cost of the architectural services required for federal construction-grant applications and for bid documents.

The *College of Education* is scattered in eighteen buildings distributed over the Urbana-Champaign campus, with the majority of the special education and research activities being conducted in old houses that have only minimal facilities because they are scheduled for razing. To meet the increasing demands for undergraduate and graduate enrollment, several units of the College have been moved from the existing Education Building into temporary quarters acquired by the University on the perimeter of the campus. A new College of Education Building, similar and adjacent to the present Education Building completed in 1964, would improve the efficiency of communication between various widely-separated groups and eliminate the space wasted in duplication of staff and files in each old house. Consolidation of the instructional, research, and service programs of the College of Education would enrich and improve these programs, and also enable the College to meet its increasing enrollment and service demands. It is estimated that the sum of \$327,000 would meet the architectural costs required in preparing federal construction-grant applications and bid documents.

Remodeling, Rehabilitation, and Minor Additions..... \$3 000 000

The needs for remodeling far exceed the amount requested, but recent experience indicates that \$3,000,000 represents an amount of work that can be effectively programmed and completed within a biennium.

Projects that will be considered for these funds fall into four general categories: (1) major remodeling needs (\$785,000); (2) minor remodeling requests (\$965,000); (3) minor additions (\$750,000); and (4) building-rehabilitation (\$500,000).

The major remodeling projects to be considered include such items as renovating the space to be vacated by the Departments of Civil Engineering and Psychology upon completion of their new buildings, upgrading space for the proposed first-year medical program, and remodeling the Digital Computer Laboratory for ILLIAC IV. The minor remodeling items include numerous projects requested by academic departments ranging in cost from \$5,000 to \$50,000 which are urgently needed. Probable minor-addition projects include a feed-storage facility for the College of Veterinary Medicine, the relocation of the meats laboratory from Davenport Hall, and the further development of a low-cost, metal-building complex south of the main campus. The building-rehabilitation request includes electrical modernization, lighting improvements, elevator installation and modernization, and heating-system modernization for many of the older buildings on campus. In relation to the total physical plant at the Urbana-Champaign campus, the above described request is a modest one.

Protection of Life and Property..... \$2 329 160

The funds requested herein are for building and utilities projects necessary to meet building codes and safety standards, and for a new campus Fire and Police Station.

The items to be considered to meet building standards and safety codes include: automatic sprinkler systems, smoke detection devices, fire stair enclosures, the installation of panic hardware, and an installation to provide overpressure protection for the existing steam-piping system. These projects would not correct all of the potentially hazardous conditions on the campus, but would correct the deficiencies which the Safety and Fire Prevention Committee believe to be the most serious.

The addition of a second fire station was recommended for the southern part of the campus by the National Board of Fire Underwriters, to provide adequate protection for all buildings on the campus. Further, it was determined that a combined Police and Fire Station would result in lower operating costs, because one group of communications personnel could serve both units, as well as provide better communication during any type of emergency.

Site Improvements \$2 185 250

Funds requested for this category may be subdivided as follows:

- (a) Campus improvements (\$894,000).
- (b) Street and street-lighting improvements (\$599,250).
- (c) Public improvements (\$692,000).

The projects classified as campus improvements include reforestation, sidewalk and bicycle facilities, campus security lighting, landscaping, and construction (or reconstruction) of certain recreational facilities. Specific projects involving considerable cost and substantial benefits include completion of the recreational facilities in Illini Meadows (formerly Illini Grove) on which construction started in 1960, and the construction of an all-weather intramural field near Huff Gymnasium.

Proposed street and street-lighting improvements include the reconstruction of Peabody Drive in accordance with the future needs of the Intramural-Physical Education Building, as well as minor street and street-lighting improvements throughout the campus.

Funds requested for public improvements include the University's contribution to community sanitary and storm sewage projects. These projects have been developed in cooperation with the Urbana-Champaign Sanitary District and the Upper Embarras River Basin Drainage District.

Utilities Distribution System..... \$3 906 500

This project includes funds for extensions and other changes in the utilities distribution system necessary to provide essential services to the buildings in this biennial request. The other changes in the utilities distribution system include expansion of the library air-conditioning system, storm and sanitary-sewer extensions, and additions to existing distribution centers.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(5) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Illinois Accountancy Act of 1943, as amended, 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>
RICHARD ELMER ARNOLD	Belleville, Illinois	Missouri
MARVIN LEE ASHER	Chicago, Illinois	California
EDWIN JOHN KENNEDY	Moline, Illinois	Maryland
ORLANDO SANCHEZ	Riverdale, Illinois	Puerto Rico
RALPH BURNETT TOWER, JR.	Chicago, Illinois	District of Columbia

I concur.

On motion of Mr. Grimes, these certificates were awarded.

**ADVISORY COUNCIL OF LIBRARIANS, GRADUATE SCHOOL
OF LIBRARY SCIENCE, URBANA**

(6) The Dean of Library Administration recommends the following appointments to the Advisory Council of Librarians for terms of three years beginning September 1, 1968.

Public Libraries

LESTER L. STOFFEL, Executive Director, Suburban Library System, Western Springs, to succeed Mr. Jack Chitwood, Director, Rockford Public Library, Rockford, whose term is expiring.

College and University Libraries

CLYDE C. WALTON, Director of University Libraries, Northern Illinois University, DeKalb, to succeed Dr. Ralph E. McCoy, Director of Libraries, Southern Illinois University, Carbondale, whose term is expiring.

School Libraries

MISS MARY ANN SWANSON, Head Librarian, Evanston Township High School, Evanston, to succeed Mr. Charles D. DeYoung, Director of Libraries, Proviso Township High School, Maywood, whose term is expiring.

Special Libraries

MISS RUTH NIELANDER, Librarian, Lumbermens Mutual Casualty Co., Mutual Insurance Building, Chicago, to succeed Mr. James C. Andrews, Library Director, Library Services Department, Argonne National Laboratory, Argonne, whose term is expiring.

I concur.

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

DEANSHIP OF THE COLLEGE OF VETERINARY MEDICINE, URBANA

(7) I recommend the appointment of Dr. L. Meyer Jones, presently Dean of the School of Veterinary Medicine, University of Georgia, as Dean of the College of Veterinary Medicine at Urbana, beginning September 1, 1968, at an annual salary of \$30,000 on a twelve-month service basis.

I also recommend that Dr. Jones be appointed Professor of Physiology and Pharmacology on indefinite tenure.

The appointment of Dr. Jones will fill the vacancy which will be created by the retirement of Dean Carl A. Brandy at the end of the current year.

This recommendation has the concurrence of the Consultative Committee² as well as the Executive Committee of the College of Veterinary Medicine.³

The Executive Vice-President and Provost, the Chancellor at Urbana, and the Dean of the Graduate College endorse this recommendation.

On motion of Mr. Hughes, this appointment was approved.

DIRECTORSHIP OF THE INSTITUTE OF AVIATION, URBANA

(8) I recommend the appointment of Mr. Ralph E. Flexman, presently Director of Advanced Training Requirements, Link Group of General Precision, Inc., as Di-

¹ This appointment will be from September 1, 1968, through August 31, 1969, which is consistent with the statutory provision of biennial tenure of deans and directors, such appointments coinciding with the fiscal biennium.

² Andrew V. Nalbandov, Professor of Animal Physiology, Physiology, and Zoology, *Chairman*; John M. Clark, Jr., Associate Professor of Biochemistry; Lyle E. Hanson, Professor and Head of Veterinary Pathology and Hygiene and Professor of Veterinary Research; Norman D. Levine, Professor of Zoology, Veterinary Parasitology, and Veterinary Research; Roger P. Link, Professor and Head of Department of Veterinary Physiology and Pharmacology and Professor of Veterinary Research; Erwin Small, Associate Professor of Veterinary Clinical Medicine.

³ L. E. Boley, Associate Dean of Veterinary Medicine, Professor and Head of Veterinary Clinical Medicine, and Professor of Veterinary Pathology and Hygiene; Lyle E. Hanson, Professor and Head of Veterinary Pathology and Hygiene; W. G. Huber, Assistant Dean of Veterinary Medicine, Professor of Veterinary Physiology and Pharmacology and Veterinary Research; C. D. Knecht, Assistant Professor of Veterinary Clinical Medicine; Roger P. Link, Professor and Head of Veterinary Physiology and Pharmacology; J. E. Lovell, Professor and Head of Veterinary Biological Structure; W. M. Newton, Associate Professor of Veterinary Physiology and Pharmacology and of Veterinary Clinical Medicine and Director of Laboratory Animal Care.

rector of the Institute of Aviation at Urbana, beginning September 1, 1968, at an annual salary of \$29,000 on a twelve-month service basis.¹

The appointment of Mr. Flexman will fill the vacancy which will be created by the retirement of Director Leslie A. Bryan at the end of the current year.

This appointment has the concurrence of the Consultative Committee² and the Executive Committee of the Institute of Aviation.³

The Executive Vice-President and Provost, and the Chancellor at Urbana endorse this appointment.

On motion of Mr. Grimes, this appointment was approved.

DIRECTORSHIP OF THE INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS, URBANA

(9) I recommend the appointment of Dr. Melvin Rothbaum, presently Professor of Labor and Industrial Relations, as Director of the Institute of Labor and Industrial Relations at Urbana, for one year beginning September 1, 1968, at an annual salary of \$24,000 on a twelve-month service basis.⁴

Dr. Rothbaum will continue to hold the rank of Professor on indefinite tenure. The appointment is to succeed Professor Martin Wagner who has asked to be relieved of this administrative assignment as of August 31, 1968.

This recommendation has the concurrence of the Consultative Committee⁵ and follows consultation with the Executive Committee of the College.

The Executive Vice-President and Provost, the Chancellor at Urbana, and the Dean of the Graduate College endorse this recommendation.

I concur.

On motion of Mr. Williamson, this appointment was approved.

APPOINTMENTS TO THE FACULTY

(10) 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.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A — indefinite tenure; P — indefinite term appointment for part-time service only; B — two years; D — one year; E — nine months from the beginning of the academic year; G — special tenure; Q — initial term appointment for Professor or Associate Professor; Y — twelve months' service required instead of two semesters; 1-7 — indicates the number of years of service which will be credited at the end of the contract period toward completion of the probationary period relating to tenure.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

Chicago Circle

1. LOUISE ANDERSON, Assistant Professor of Biological Sciences, beginning September 1, 1968 (2), at an annual salary of \$11,500.
2. MAURICE WILLIAM BRUCE, Visiting Professor of History, for the academic year, 1968-69 (E), at a salary of \$16,000.

¹ This appointment will be from September 1, 1968, through August 31, 1969, which is consistent with the statutory provision of biennial tenure of deans and directors, such appointments coinciding with the fiscal biennium.

² H. S. Stillwell, Professor and Head of the Department of Aeronautical and Astronautical Engineering, *Chairman*; R. Will Burnett, Professor and Chairman of the Department of Secondary and Continuing Education; Irwin Cochran, Associate Professor and Director of Bureau of Business Management; James M. Craig, Jr., Instructor in the Institute of Aviation; John R. Mylin, Instructor in the Institute of Aviation.

³ W. E. Ditzler, Chief Curriculum Instructor; N. C. Grimm, Supervising Engineer; E. L. Haak, Chief Ground Instructor; F. L. Lancaster, Aircraft Maintenance Engineer; J. W. Stonecipher, Chief Flight Instructor.

⁴ This appointment will be from September 1, 1968, through August 31, 1969, which is consistent with the statutory provision of biennial tenure of deans and directors, such appointments coinciding with the fiscal biennium.

⁵ John F. Due, Professor of Economics, *Chairman*; Milton Derber, Professor of Labor and Industrial Relations; Rupert Evans, Dean of the College of Education, Professor of Vocational and Technical Education; Bernard Karsb, Professor of Sociology and Labor and Industrial Relations; Milferd Lieberthal, Associate Professor of Labor and Industrial Relations.

3. ALLEN C. COGLEY, Assistant Professor of Energy Engineering, beginning September 1, 1968 (1), at an annual salary of \$10,500.
4. ALAN S. EDELSTEIN, Associate Professor of Physics, beginning September 1, 1968 (Q), at an annual salary of \$14,000.
5. ROBERT E. HALLOWELL, Professor of French, beginning September 1, 1968 (A), at an annual salary of \$20,000.
6. CHRISTOPH H. HERING, Associate Professor of Mathematics, beginning September 1, 1968 (A), at an annual salary of \$13,500.
7. ELSE HUENERT-HOFMANN, Assistant Professor of German, beginning September 1, 1968 (4), at an annual salary of \$11,000.
8. PETER D'A. JONES, Professor of History, beginning September 1, 1968 (A), at an annual salary of \$20,000.
9. WILLIAM M. KANTOR, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$10,500.
10. RICHARD B. McCAMMON, Associate Professor of Geology, beginning September 1, 1968 (Q), at an annual salary of \$15,000.
11. AGNES CRAWFORD SCHULTZ, Visiting Professor of Music, for the academic year 1968-69 (E), at a salary of \$13,500.
12. LEROY R. SHAW, Professor of German, beginning September 1, 1968 (A), at an annual salary of \$20,000.
13. THEODORE J. STARR, Professor of Biological Sciences, beginning September 1, 1968 (A), at an annual salary of \$18,000.
14. PHILIP G. TEETS, Assistant Professor of Economics, beginning September 1, 1968 (1), at an annual salary of \$12,000.
15. EDWARD C. THADEN, Professor of History, beginning September 1, 1968 (A), at an annual salary of \$21,000.
16. SYLVAN R. WEINER, Associate Professor of English, beginning September 1, 1968 (A), at an annual salary of \$12,500.

Medical Center

17. CLIFFORD E. ROBERTS, JR., Associate Professor of Microbiology, assigned to Faculty of Medicine, Chiangmai Hospital, Thailand, Agency for International Development, for the period from April 29 through May 1, 1968, and from June 6, 1968, through June 2, 1970, at an annual salary of \$16,500.
18. THOMAS M. SABA, Assistant Professor of Physiology, College of Medicine, beginning June 17, 1968 (DY), at an annual salary of \$12,500.
19. RONALD T. TURNBULL, Associate Director of Hospital Pharmacy and Assistant Professor of Pharmacy, beginning July 1, 1968 (DY,1Y), at an annual salary of \$15,500.

Urbana-Champaign

20. FELIX R. ALBRECHT, Professor of Mathematics, beginning September 1, 1968 (A), at an annual salary of \$19,000.
21. GEORGE E. BEVARD, Extension Communication Specialist and Assistant Professor of Agricultural Communications, beginning May 1, 1968 (1Y), at an annual salary of \$15,000.
22. ROBERT E. BOHRER, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$11,700.
23. IRA H. CARMEN, Assistant Professor of Political Science, beginning September 1, 1968 (1), at an annual salary of \$11,800.
24. RUSSELL A. CHADBOURN, Assistant Professor of Educational Psychology, beginning September 1, 1968 (1), at an annual salary of \$10,000.
25. SONYA M. CLAY, Assistant Professor in Jane Addams Graduate School of Social Work, beginning June 16, 1968 (1Y), at an annual salary of \$11,250.
26. ROBERT F. CRAGGS, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$10,500.
27. WALTER L. CREESE, Professor of Architecture, beginning September 1, 1968 (A), at an annual salary of \$20,000.
28. ROSS A. DEEGAN, Research Assistant Professor of Physics, beginning September 1, 1968 (1Y), at an annual salary of \$10,200.
29. PATRICK A. DOMENICO, Associate Professor of Geology, beginning September 1, 1968 (A), at an annual salary of \$15,500.
30. EMANUEL DONCHIN, Associate Professor of Psychology and of Physiology and

- Biophysics, beginning September 1, 1968 (A), at an annual salary of \$13,500 (on leave of absence, without pay, 1968-69).
31. LARRY DORNHOFF, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$10,500.
 32. HAROLD A. GOULD, Associate Professor of Anthropology, beginning September 1, 1968 (A), at an annual salary of \$16,500.
 33. ROBERT J. HEIFETZ, Associate Professor of Urban Planning, beginning September 1, 1968 (A), at an annual salary of \$12,650.
 34. WALDO H. HEINRICHS, JR., Professor of History, beginning September 1, 1968 (A), at an annual salary of \$18,000.
 35. PHILIP HUGLY, Assistant Professor of Philosophy, beginning September 1, 1968 (1), at an annual salary of \$12,500.
 36. FREDERIC C. JAHER, Associate Professor of History, beginning September 1, 1968 (A), at an annual salary of \$13,600.
 37. GERALD J. JANUSZ, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$11,000.
 38. S. S. JOGDEO, Associate Professor of Mathematics, beginning September 1, 1968 (A), at an annual salary of \$12,000.
 39. FRANZ W. KAMBER, Associate Professor of Mathematics, beginning September 1, 1968 (A), at an annual salary of \$13,000.
 40. PREM KRISHNA, Visiting Assistant Professor of Civil Engineering, for the academic year 1968-69 (E), at a salary of \$9,000.
 41. JANARDAN P. KUKRETI, Assistant Professor of Veterinary Biological Structure, College of Veterinary Medicine, beginning September 1, 1968 (1Y), at an annual salary of \$10,000.
 42. PETER A. LOEB, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$11,700.
 43. NORTON E. LONG, Professor of Political Science, beginning September 1, 1968 (A), at an annual salary of \$28,000.
 44. EUGENE J. MEEHAN, Professor of Political Science, beginning September 1, 1968 (A), at an annual salary of \$20,000 (on leave of absence, without pay, 1968-69).
 45. Rocco MONTANO, Professor of Italian and Comparative Literature, in the Department of Spanish, Italian, and Portuguese, on one-half time, and in the Department of French, on one-half time, beginning September 1, 1968 (A), at an annual salary of \$20,000.
 46. FREDRIC N. OWENS, Assistant Professor of Animal Science, beginning September 1, 1968 (1Y), at an annual salary of \$12,000.
 47. FRANKLIN D. PATTON, Associate Professor of Geology, beginning September 1, 1968 (A), at an annual salary of \$13,700.
 48. N. TENNEY PECK, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$11,000.
 49. ALBERTO PORQUERAS-MAYO, Professor of Spanish, in the Department of Spanish, Italian, and Portuguese, beginning September 1, 1968 (A), at an annual salary of \$19,000.
 50. DONALD E. QUELLER, Professor of History, beginning September 1, 1968 (A), at an annual salary of \$19,000.
 51. IRMENGARD RAUCH, Associate Professor of Germanic Languages and Literatures, beginning September 1, 1968 (A), at an annual salary of \$11,600.
 52. DEREK S. ROBINSON, Assistant Professor of Mathematics, beginning September 1, 1968 (3), at an annual salary of \$11,000.
 53. MALCOLM L. SARGENT, Assistant Professor of Botany, beginning September 1, 1968 (1), at an annual salary of \$10,750.
 54. DAVID S. SHWAYER, Professor of Philosophy, beginning September 1, 1968 (A), at an annual salary of \$20,000.
 55. FRANKLIN H. SILVERMAN, Assistant Professor of Speech, beginning September 1, 1968 (1Y), at an annual salary of \$12,000.
 56. ROBERT C. STALNAKER, Associate Professor of Philosophy, beginning September 1, 1968 (A), at an annual salary of \$13,000.
 57. CHARLES F. STEILEN, Assistant Professor of Advertising, beginning September 1, 1968 (1), at an annual salary of \$11,000.
 58. PHILIPPE M. TONDEUR, Associate Professor of Mathematics, beginning September 1, 1968 (A), at an annual salary of \$14,000.

59. RENÉ I. VANDENDRIES, Assistant Professor of Economics, beginning September 1, 1968 (1), at an annual salary of \$12,500.
60. J. C. VAN ES, Assistant Professor of Rural Sociology in Agricultural Economics and Sociology, beginning September 1, 1968 (1Y), at an annual salary of \$13,000.
61. YVES VELAN, Professor of French, beginning September 1, 1968 (A), at an annual salary of \$15,000.
62. PAUL C. VIOLAS, Assistant Professor of History of Education, in the Department of History and Philosophy of Education, beginning September 1, 1968 (1), at an annual salary of \$10,000.
63. NORBERT F. WILEY, Associate Professor of Sociology and in the Institute of Government and Public Affairs, beginning September 1, 1968 (A), at an annual salary of \$17,000.

**Administrative Appointments
Urbana**

64. TOBY Y. KAHR, Director of Personnel Services, beginning July 1, 1968 (BY), at an annual salary of \$23,500.
65. CHARLES E. WARWICK, Director of Admissions and Records, with rank of Assistant Professor, beginning September 1, 1968 (BY,6Y), at an annual salary of \$19,500.

Medical Center

66. GEORGE F. MCGREGOR, Director of Personnel Services, beginning July 1, 1968 (DY), at an annual salary of \$19,500.

On motion of Mr. Hughes, these appointments were confirmed.

CURRICULA IN THEATRE, URBANA

(11) The Urbana-Champaign Senate recommends authorization of curricula leading to the degree of Bachelor of Fine Arts in Theatre.

On April 19, 1967, the Board approved the establishment of a Department of Theatre within the College of Fine and Applied Arts and the transfer of those aspects of the Department of Speech and Theatre oriented to performance from the College of Liberal Arts and Sciences to the new department.

The proposed curricula will provide basic knowledge and training in theatre with three areas of specialization: Acting, Directing and Playwriting Bases, Technology and Design. They are designed for the student who seeks to qualify as a theatre technician, for the student who wishes to prepare for an apprenticeship with a professional theatre company, and for the student without professional aims, who wants to specialize in an area which has strong affinities with both the liberal and the fine arts. The curricula will replace the existing curriculum leading to the Bachelor of Arts in Theatre Art in the College of Liberal Arts and Sciences.

The curricula have been approved by the Executive Committee of the College of Fine and Applied Arts. The discontinuance of the curriculum leading to the Bachelor of Arts in Theatre Art has been approved by the Department of Speech and the faculty of the College of Liberal Arts and Sciences.

The Chancellor at the Urbana-Champaign campus and the Executive Vice-President and Provost concur in this recommendation. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

Submitted herewith are outlines of the curricula, copies of which are being filed with the Secretary of the Board for record.

I recommend approval subject to further action by the Board of Higher Education.

On motion of Mr. Hahn, this recommendation was approved.

McKINLEY HOSPITAL — STUDENT FEE, URBANA

(12) The President of the University, with the concurrence of appropriate administrative officers and the University Committee on Fees, recommends that a new Hospital-Medical-Surgical fee be established on the Urbana-Champaign campus effective September, 1968, for McKinley Hospital. It is proposed that a fee of \$7.50 a semester or summer session be assessed each student to provide sufficient income to meet the present costs of health care at McKinley Hospital. Students who are assessed the fee will not be charged for hospital services at McKinley Hospital, other than for personal convenience items.

The need for such a fee has been apparent for some time, but the increase has been resisted in an effort to keep total students costs as low as possible, and, at the same time, provide adequate professional educational and health benefits. Currently, McKinley Hospital is on a charge-for-service basis, and the hospital's income is derived principally from claim payments under the present insurance program. However, the present insurance program does not provide sufficient income to meet operating costs, and support has been provided from the General Reserve. The amount of this support has reached the point that other sources of support are needed.

A special committee appointed by the Chancellor for the Urbana-Champaign campus has reviewed the financing arrangements for McKinley Hospital. After consultation with student representatives, the committee recommended that the Hospital be supported by a student fee, a method of support less expensive than providing an insurance contract which would provide, through claim payments, sufficient income to meet operational costs.

It is also recommended that the McKinley Hospital student fee be combined with the Hospital-Medical-Surgical fee (which is the subject of the following agenda item in connection with the award of an insurance contract) and that a single Hospital-Medical-Surgical fee of \$16.00 a semester or summer term be assessed. The insurance contract will provide coverage at all legally operated hospitals, other than McKinley.

Students will continue to have free choice of medical care in any legally operated hospital and may have the Hospital-Medical-Surgical fee waived if they present evidence of insurance equivalent to the University program.

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

HOSPITAL-MEDICAL-SURGICAL PROGRAMS FOR STUDENTS AND STAFF

(13) The contracts for the Hospital-Medical-Surgical insurance programs for staff and students¹ are currently underwritten by the Continental Assurance Company of Chicago. In 1964 and 1965 this firm was the successful low bidder, and in 1966 an additional program for the staff was adopted along with other improvements in benefits. The contracts have been continued without increase in premium rates but with some improvements in benefits of the staff programs. The purchase agreement provides the right of renewal of the contracts upon the mutual agreement of the insurance company and the University.

The Continental Assurance Company has agreed to place the current contracts and succeeding contracts on an Experience Rating Plan. Under this arrangement, the company will credit the policy holder with any reserves which result after the payment of claims, plus a percentage of the earned premium, which they would retain for the cost for administration of the program. The following is a schedule of the percentage of earned premium which the company would retain:

<i>Contract Year</i>	<i>Percentage of Earned Premium</i>
1967-68	5.25
1968-69	4.5
Thereafter	4.0

The University will not incur any liability for additional premiums if the claim payments exceed the premium paid.

The total costs of current medical services and the claim payments under the insurance contracts have indicated a need to substantially upgrade the benefits of our plans and to provide coverage for medical expenses not now within the scope of our present policy.

In redesigning the insurance contracts and extending coverage for medical expenses which are not currently covered, it is desirable to have an Experience Rating Plan to be sure the adjusted premiums are not excessive.

A review of both programs and the Experience Rating Plan has been made by an independent consulting firm, Corporate Policyholders Counsel, Inc., 20 North Wacker Drive, Chicago. Based upon their report, the Vice-President and Com-

¹The student Hospital-Medical-Surgical fees have been approved by the Committee on Fees. The McKinley Hospital fee is the subject of the preceding agenda item.

troller recommends award of a contract to become effective for the policy year 1968-69 to the Continental Assurance Company, 310 South Michigan Avenue, Chicago.

A document outlining the benefits of the programs is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Clement, this recommendation was approved.

**APPROPRIATIONS FOR NONRECURRING EXPENDITURES,
MEDICAL CENTER**

(14) After review by the Medical Center Committee on Nonrecurring Appropriations, the Chancellor recommends the following appropriations from the:

Medical Center General Reserve 1967-68

Research and Educational Hospitals

Admissions and Hospital Clinics, equipment.....	\$ 24 500 00
Department of Radiology, equipment.....	13 750 00
Renovation and remodeling for which funds are assigned to the Physical Plant Department:	
Demolition of properties at 806, 810-12, and 816 South Ashland Avenue	15 000 00
Remodeling in the Dentistry-Medicine-Pharmacy Building for the Department of Oral Pathology in the College of Dentistry....	35 850 00
Renovation of administration offices for the College of Medicine in the Dentistry-Medicine-Pharmacy Building.....	<u>22 300 00</u>
<i>Total, Medical Center General Reserve 1967-68.....</i>	<u>\$111 400 00</u>

Medical Center General Reserve 1968-69

Research and Educational Hospitals

Department of Radiology, equipment.....	<u>68 000 00</u>
	<u>\$179 400 00</u>

The Executive Vice-President and Provost and the Vice-President and Comptroller concur.

I recommend approval.

On motion of Mr. Hughes, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Jones, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

APPROPRIATION BY THE ATHLETIC ASSOCIATION, URBANA

(15) The Board of Directors of the Athletic Association of the University of Illinois has approved an assignment of \$25,700 from unappropriated surplus funds of the Association for the purchase of a new stadium scoreboard.

Confirmation of this action is requested.

On motion of Mr. Clement, this action was confirmed.

**CONTRACTS FOR REMODELING CHICAGO CIRCLE CENTER,
CHICAGO CIRCLE**

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following construction contracts for remodeling portions of the sixth and seventh floors of the north wing of the Chicago Circle Center, Chicago Circle, the award in each case to the low bidder.

General — Mueller Construction Company, Chicago.....	\$50 973 00
Plumbing and Drainage — Ewing Plumbing, Inc., River Forest.....	2 999 00
Heating and Refrigeration — Admiral Heating and Ventilating, Inc., Hillside.....	3 950 00
Ventilation and Air Conditioning — Jamar-Olmen Company, Elk Grove Village.....	9 361 00
Electrical — Midwest Interstate Electrical Construction Co., Chicago..	<u>7 998 00</u>
<i>Total.....</i>	<u>\$75 281 00</u>

Funds are available in the Chicago Circle Center account.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Hughes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Jones, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

CONTRACT FOR CONSTRUCTION OF EXTENSIONS TO THE UTILITIES DISTRIBUTION SYSTEM, BEHAVIORAL SCIENCES BUILDING, EDUCATION AND COMMUNICATIONS BUILDING, CHICAGO CIRCLE

(17) The President of the University, with the concurrence of appropriate administrative officers, recommends the award (subject to release by the Governor of funds available in state capital appropriations to the University for 1967-69) of a contract in the amount of \$745,000 to Abbott Contractors, Inc., Chicago, the low bidder, for construction of extensions of the utilities distribution system to the Behavioral Sciences Building and the Education and Communications Building, Chicago Circle.

Attached herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Williamson, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR CONSTRUCTION OF THE UTILITIES BUILDING ADDITION, CHICAGO CIRCLE

(18) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to award a contract for general construction to Herlihy Mid-Continent Company, Chicago, the low bidder for the sum of \$491,560 for the base bid (\$480,000) plus alternate No. 1 (\$11,560) for construction of an addition to the Utilities Building and proceed to procure this facility which will house heating, cooling, and electrical equipment for the use of the University at the Chicago Circle campus.

The above equipment is a part of the project for Chicago Circle Phase III construction which the Board, on July 26, 1967, requested the Illinois Building Authority to provide. The Authority will finance the construction and lease the facilities to the University for rental payments for which state appropriations are available. Jurisdiction of the land on which the project will be constructed will be transferred to the Authority at a later date.

It is also recommended that the Comptroller and the Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments of transfer, conveyance, lease, contract, and other documents as are necessary to provide for the carrying out of the foregoing project and equipment by the Illinois Building Authority. It is further recommended that the resolution submitted herewith be adopted to implement the official actions required.

Submitted herewith is a report from the Physical Plant Department, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to Herlihy Mid-Continent Company, 407 South Dearborn Street, Chicago, Illinois 60605, a contract for construction of the Utilities Building Addition at the Chicago Circle, Phase III, for the sum of \$491,560.00 and proceed to procure this facility for the use of the University.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are authorized to make, execute, acknowledge and deliver, in the name and in behalf of this corporation, such instruments of transfer, conveyance, lease, contract and other documents as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

**CONTRACT FOR LABORATORY EQUIPMENT FOR RESEARCH AND
LIBRARY UNIT, DENTISTRY-MEDICINE-PHARMACY BUILDING,
MEDICAL CENTER**

(19) The President of the University, with the concurrence of the appropriate administrative officers, recommends the award of a contract in the amount of \$13,261 to the Royal School Laboratories, Inc., Richmond, Virginia, the low bidder, for furnishing and setting in place laboratory equipment in Rooms 249, 252, 254, Research and Library Unit, Dentistry-Medicine-Pharmacy Building at the Medical Center campus.

The work is a part of a program to upgrade existing laboratories by moving partitions, installing new laboratory equipment, raising the lighting level, and air conditioning in rooms to be used by the Department of Biochemistry in the College of Medicine.

Funds for this work are available from the Medical Center Contract Research Reserve.

On motion of Mr. Grimes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

**REQUEST FOR RELEASE OF FUNDS FOR CONSTRUCTION
OF MEDICAL RESEARCH LABORATORY, MEDICAL CENTER**

(20) The President of the University, with the concurrence of appropriate administrative officers, recommends that the University request the Board of Higher Education to release \$1,460,000 from the "Reserve for Unrealized Funding" in order to permit the receipt of bids and finance the construction costs on the Medical Research Laboratory Addition at the Medical Center campus.

The Illinois General Assembly declared in the public interest the construction of the Medical Research Laboratory Addition in the amount of \$3,385,500, including \$1,460,000 to be financed from federal funds.

The federal grant has not been received. The Public Health Service Council has recently reported, in response to questions from the University, that the application was favorably recommended by the Council but at an undisclosed amount below the funds requested. The University was further advised that there is no chance of obtaining federal funds in 1968, nor even a good chance that this application will be partially funded in fiscal year 1969, due to substantial reductions in the funds available for such grants. Furthermore, the project may never be funded, as the number of approved projects is always well in excess of funds available.

Under the Public Health Service regulation, Paragraph 59.8(c), the University may bid this project prior to award of the federal grant, but if this procedure is followed, it is probable that no federal funding will ever be realized.

While the total funds required to complete construction are within the amount declared in the public interest by the Seventy-fifth General Assembly, the Board of Higher Education has arranged with the Illinois Building Authority that the Authority will not use a portion of the amount declared by the General Assembly to be in the public interest until the State Board specifically approves such use.

These reserved amounts include a "federal funding reserve" to be used to make up the difference between the estimated and realized funding.

In accordance with the procedure adopted by the Board of Higher Education on October 3, 1967, and in order to complete construction as planned, it is necessary that the University request the Board of Higher Education and the Illinois Building Authority to release \$1,460,000 from the "federal funding reserve."

Cost consultants to the Illinois Building Authority have projected substantial escalation of construction costs, and in view of the probable delay on this project in anticipation of the federal grant, plus the probability that the federal grant will be substantially below that requested, the University requests permission to proceed without the federal grant if the funds in the above amount are released by the Board of Higher Education.

On motion of Mr. Jones, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

REQUEST FOR RELEASE OF FUNDS FOR CONSTRUCTION OF ADDITION TO LIBRARY BUILDING, URBANA

(21) The President of the University with the concurrence of appropriate administrative officers, recommends that the University request the Board of Higher Education to release \$131,105 from the "Reserve for Unrealized Funding" in order to permit the receipt of bids and finance the construction costs on the Library Addition at the Urbana-Champaign campus.

The Illinois General Assembly declared in the public interest the construction of the Library Addition in the amount of \$1,836,200, including \$131,105 to be financed from federal funds.

The federal grant (Title I) of \$131,105 has been approved. The plans and contract documents have been completed, and bids could be received from contractors on August 6, 1968. However, approval to advertise for the receipt of construction bids must be obtained from the Department of Health, Education, and Welfare; this is not possible under the existing "freeze" on federal funds.

In addition, the University submitted an application for a Title II grant in the amount of \$407,936. It was realized when the application was submitted that there was little hope that it would be approved. The University has now been told that the application would not be reviewed until the Spring of 1969 and funds would not be available, even if approved, until fiscal 1970.

As noted in the preceding agenda item, while the total funds required to complete construction are within the amount declared in the public interest by the Seventy-fifth General Assembly, the Board of Higher Education has arranged with the Illinois Building Authority that the Authority will not use a portion of the amount declared by the General Assembly to be in the public interest until the State Board specifically approves such use.

In accordance with the procedure adopted by the Board of Higher Education, and in order to complete construction as planned, it is necessary that the University request the Board of Higher Education and the Illinois Building Authority to release \$131,105 from the "Reserve for Unrealized Funding."

In view of the indefinite period of the "freeze," the escalation of construction costs, and the small percentage of the approved grant to the project cost, the University requests permission to proceed without the use of the federal grant if the above amount is released by the Board of Higher Education.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

CONTRACTS FOR REMODELING MUMFORD HALL, URBANA

(22) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts based

on percentages bid for the contractors' fees for remodeling a portion of Mumford Hall for the College of Agriculture, the award in each case to the low bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Tool Rental Costs</i>	<i>Estimated Fee Payments and Tool Rental Costs</i>
General — Dean Evans Co., a Delaware Corporation, 509 South Belmont Avenue, Champaign.....	3	26	12	0	\$2 425 00
Total estimated payments — \$15,925.00					
Electrical — Remco Electrical Corporation, a Delaware Corporation, 920 West Bradley Avenue, Champaign..	5.7	24	0	0	1 531 20
Total estimated payments — \$9,231.20					
Heating, Piping, Refrigeration and Automatic Temperature Control Systems Work — Reliable Plumbing & Heating Company, a Delaware Corporation, 1607 South Neil Street, Champaign.....	23	45	5	\$38	2 533 00
Total estimated payments — \$9,633.00					
Ventilation and Distribution Systems for Conditioned Air Work — Reliable Plumbing & Heating Company, a Delaware Corporation, 1607 South Neil Street, Champaign.....	23	45	5	30	1 840 00
Total estimated payments — \$6,440.00					

Since Reliable Plumbing & Heating Company, Champaign, is the low bidder for both heating, piping, refrigeration and automatic temperature control systems work, and ventilation and distribution systems for conditioned air work, it is also recommended that these awards be combined in a single contract.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Hughes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

CONTRACTS FOR CONSTRUCTION AT MEMORIAL STADIUM, URBANA

(23) The President of the University, with the concurrence of appropriate administrative officers, recommends the award (subject to release by the Governor of funds available in state capital appropriations to the University for 1967-69) of the following cost-plus contracts based on percentages bid for contractors' fees for moving and reconstructing a portion of the north wall of Memorial Stadium, including the Zuppke Memorial, the award in each case to the low bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Tool Rental Costs</i>	<i>Estimated Fee Payments and Tool Rental Costs</i>
General — English Brothers Company, a Delaware Corpo- ration, 807 North Neil Street, Champaign.....	3	22.85	2	\$2 411 00	\$10 673 00
Total estimated payments — \$82,673.00					
Plumbing — Willis and W. C. Thomas, a Partnership, doing business as Thomas Plumb- ing & Heating Co., 205 East Main Street, Urbana.....	15	40	5	0	840 00
Total estimated payments — \$4,440.00					

This work is required to permit the construction of the Intramural-Physical Education Building. It is anticipated that award of the construction contract for that building will be recommended to the Board of Trustees in July, 1968, and construction begun in August, 1968. The award of a separate contract now for the relocation of the Stadium wall is necessary to complete the work prior to the first football game on September 21, 1968.

Attached herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Grimes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

**CONTRACT FOR INSTALLATION OF EQUIPMENT
FOR STEAM DISTRIBUTION SYSTEM, URBANA**

(24) The President of the University, with the concurrence of appropriate administrative officers, recommends the award (subject to release by the Governor of funds available in state capital appropriations to the University for 1967-69) of a contract for \$124,421 to The Nu-Way Contracting Corp., Chicago, the low bidder, for installation of six pressure-reducing stations required to increase the pressure in the steam distribution system throughout the Urbana campus.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

**CONTRACT FOR INSULATION OF EQUIPMENT
IN ABBOTT POWER PLANT, URBANA**

(25) The President of the University, with the concurrence of appropriate administrative officers, recommends the award (subject to release by the Governor of funds available in state capital appropriations to the University for 1967-69) of a contract for \$17,840 to Champaign A&K Insulation Company, Champaign, the low bidder, for insulation of equipment being installed in the Abbott Power Plant required to increase the pressure in the steam distribution system throughout the campus.

Submitted herewith is a report from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Williamson, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

LEASING OF CHANCELLOR'S HOUSE, URBANA

(26) The duties of the Chancellor at the Urbana Campus require that he reside in a facility suitable for those functions which must be carried out as a part of his responsibilities for institutional services.

With some remodeling, the property at 101 West Meadows in Urbana will meet the needs of both the University and the Chancellor. This property can be acquired by the University of Illinois Foundation at a cost of \$85,000; the figure is within appraisals received by the University.

The Foundation proposes to finance the acquisition and remodeling of this facility by borrowing \$100,000 at 4 per cent interest for a ten-year period. Of this amount, \$85,000 will be employed to purchase the property and the balance will be devoted to necessary remodeling.

The Chancellor will reside in this facility as a part of his responsibilities of employment. However, he will pay an annual rental to the University of \$4,200, to be adjusted to reflect fluctuations in costs.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees authorize a lease with the Foundation for this property at an annual rental sufficient to amortize the loan. Funds are available in the Physical Plant Budget for this purpose.

On motion of Mr. Grimes, authority was given as recommended by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent; Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

AMENDMENT TO LEASING OF MEMORIAL STADIUM

(27) In connection with the development of a maintenance program for Memorial Stadium and the construction of a new press box for the Stadium, the Board, at its meeting on April 19, 1967, authorized the leasing of Memorial Stadium to the University of Illinois Foundation and requested the Foundation to borrow \$1,000,000 for the construction from The First National Bank of Chicago.

The loan, at 3¼ per cent interest over a ten-year period, will be repaid by the Foundation from payments received by the University from the Athletic Association, and which Athletic Association will operate the Stadium. The Foundation will lease the Stadium for a period of fifteen years or until the loan is repaid, whichever first occurs, and sublease the property back to the University on a biennial basis at a rental sufficient to amortize the loan and cover related costs of the Foundation.

It has now been determined that additional repairs and improvements to Memorial Stadium are necessary. In order to provide financing for this additional program, The First National Bank of Chicago has agreed to loan the Foundation \$500,000 at 4 per cent interest over a nine-year period, which will be repaid from payments to be received by the University from the Athletic Association.

The President of the University, with the concurrence of the Director of the Physical Plant and the Vice-President and Comptroller, recommends that the original documents be amended or supplemented to provide for the \$500,000 increase and applicable increase in rental and interest payments.

In connection with the above, adoption of the following resolution is requested.

First Supplemental Resolution Re University of Illinois Memorial Stadium

WHEREAS, The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, at its meeting on April 19, 1967 authorized the

Comptroller and Secretary of this public corporation in the name of, and on behalf of, this public corporation:

(1) to sign, execute and deliver an agreement with and to University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, hereinafter referred to as "Foundation," which agreement shall provide that this public corporation will lease property owned by it in Champaign, Illinois upon which Memorial Stadium is located to Foundation; that Foundation will borrow money for the purpose of constructing, and will construct, on said property a New Press Box and perform repair and maintenance work on Memorial Stadium and secure architectural and engineering services in connection therewith; that Foundation will sublease said premises, including the building and facilities thereon, to this public corporation at a rental sufficient to pay Foundation's indebtedness incurred in connection with the construction, repair and maintenance work for said building and facilities; and that upon completion of the repayment of said indebtedness from said rentals title to said property, including all improvements and facilities thereon, shall be vested in this public corporation; and

WHEREAS, pursuant to said authorization, an Agreement, Lease, and Sublease was entered into with Foundation; and Foundation entered into a Loan Agreement dated June 1, 1967 with THE FIRST NATIONAL BANK OF CHICAGO, a national banking association, organized and existing under and by virtue of the laws of the United States of America and doing business and having its principal office in the City of Chicago, County of Cook, and State of Illinois, hereinafter referred to as the "Bank", providing for a loan in the principal amount of One Million Dollars (\$1,000,000.00) for the purpose of financing certain improvements and repairs to Memorial Stadium; and

WHEREAS, it has been determined that an additional loan of Five Hundred Thousand Dollars (\$500,000.00) is required in connection with said repairs and improvements to Memorial Stadium; and

WHEREAS, Foundation is willing, upon amendment being made to the Agreement, Lease, and Sublease to provide for an appropriate increase in rental, to enter into a Supplemental Loan Agreement with the Bank providing that the Foundation agrees to issue and deliver to the Bank against the making by the Bank of such loan to the Foundation, a promissory note in the principal amount of Five Hundred Thousand Dollars (\$500,000.00) with interest thereon at the rate of four percent (4%) per annum payable to the order of the Bank in 35 consecutive installments of principal and interest each in the amount of Sixteen Thousand Six Hundred Seven Dollars and Fifteen Cents (\$16,607.15) on the first day of September, December, March, and June in each year thereafter beginning September 1, 1968, and a final payment of the balance then due on June 1, 1977.

Now, Therefore, Be It, and It Hereby Is Resolved, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized for, and in the name of, and on behalf of, this public corporation:

(1) to enter into an amendment of the Agreement, Lease, and Sublease, or to enter into a supplemental agreement, with Foundation, to pay an increased rental on a biennial basis in accordance with the above in consideration of Foundation's performing the additional improvement and repair of Memorial Stadium;

(2) to commit this public corporation to act as agent for Foundation in the supervision of construction and administration of contracts therefor and change orders thereto, and the administration and service of said indebtedness, and in making payments of and disbursements from and of funds made available by the creditor of Foundation for the purpose of said improvement and repair of Memorial Stadium;

(3) to enter into an amendment of the present agreement or to enter into a supplemental agreement with The Athletic Association of the University of Illinois, a not-for-profit corporation of the State of Illinois, providing for the operation of Memorial Stadium at an increased rental or operating charge sufficient in amount to provide for the amortization of said additional Foundation indebtedness in consideration of the proposed improvements and repairs being made to Memorial Stadium; and

(4) to sign, execute, acknowledge, and deliver any and all other documents and instruments deemed necessary or desirable by said Comptroller and Secretary to accomplish the purposes herein set forth.

On motion of Mr. Grimes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

EMPLOYMENT OF ARCHITECTS FOR PHASE IV, CHICAGO CIRCLE

(28) The President of the University, with the concurrence of appropriate administrative officers, recommends employment of the following firms for Phase IV (1969-71) construction at the Chicago Circle campus at the indicated fees based on actual construction contracts:

<i>Project</i>	<i>Firm</i>	<i>Fee</i>
Administrative Offices Building.....	Harry Weese & Associates, Ltd.	5½%
Business Administration Building.....	Harry Weese & Associates, Ltd.	5½%
Library Addition.....	Skidmore, Owings & Merrill	5½%
Architecture and Art Laboratories Addition.....	Skidmore, Owings & Merrill	5½%
Science and Engineering-South Addition	Skidmore, Owings & Merrill	6%

Funds are available in state capital appropriations for the services to be completed in this biennium, subject to the release by the Governor.

The Advisory Committee on Architectural and Engineering Services and the Committee on Buildings and Grounds have reviewed and approved these recommendations.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

CONTRACT FOR PROFESSIONAL DESIGN SERVICES. OFFICE BUILDING, MEDICAL CENTER

(29) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract, subject to release of funds, to Loeb Schlossman Bennett & Dart, Chicago, for design services in connection with the interior furnishing and equipping of the new Office Building at the Medical Center campus.

The fee will be based on timecard charges at the firm's usual and customary hourly rates, plus 150 per cent to cover overhead and profit. The estimated total expenditure is not to exceed \$18,000.

Funds are available in the state capital appropriations to the University for 1967-69, subject to release by the Governor.

On motion of Mr. Williamson, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

UNIVERSITY PARTICIPATION IN LAND ACQUISITION FOR CITY PARKING FACILITY, CHAMPAIGN

(30) The city of Champaign and certain campus businessmen are cooperating for the purchase of certain properties on the north side of Green Street between Fifth and Sixth Streets, commonly known as 524 and 528 East Green Street, Champaign, for the construction of additional city parking facilities. The total cost of acquisition of this property is \$170,700, of which the City will bear 75 per cent and the campus businessmen the balance. The City will provide the improvements, including covering of the Boneyard, which will permit the integration of the proposed parking lot with an existing city lot to the north. Upon completion of the additional parking facilities, the City will prohibit all parking on Green Street between Fourth and Wright Streets.

The campus businessmen have requested the University to participate in this project in the amount of \$8,000. The project will benefit the University by providing additional metered parking in the campus area and by improving the flow of traffic on Green Street.

Because of the direct benefits to the Illini Union Bookstore, the President of the University, with the concurrence of appropriate administrative officers, recommends that participation in the project be approved in principle and that the cost be funded through the operating budget of the Illini Union Bookstore.

On motion of Mr. Hughes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

APPLICATION FOR GRANT FUNDS UNDER PUBLIC HEALTH SERVICE ACT, AS AMENDED, URBANA

(31) Under the Public Health Service Act, as amended, the United States Secretary of Health, Education, and Welfare is authorized to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities. The requirements of the Department of Health, Education, and Welfare for the submission of applications for grants under the Act necessitate the adoption of a formal resolution by the Board authorizing the filing of applications and designating the person to act on behalf of the University in connection therewith.

Accordingly, it is recommended that the Board of Trustees adopt the following resolution authorizing the filing of an application for a grant under the Public Health Service Act, as amended, for the project described as Construction of Speech and Hearing Clinic and Research Building at Champaign-Urbana campus; and authorizing the Comptroller to act for the University.

Resolution Authorizing the Filing of Application for Grant Funds Under Public Health Service Act, as Amended

WHEREAS, the Secretary of Health, Education and Welfare is authorized under the Public Health Service Act, as amended, to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for grants under the aforementioned act for the project described as Construction of Speech and Hearing Clinic and Research Building at Champaign-Urbana Campus.

Now, therefore, be it

Resolved, that application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said application will be forwarded to the Secretary of Health, Education and Welfare for consideration for his approval; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates H. O. Farber, Comptroller, as the officer authorized to file the application and act as the representative of this Board in connection with said application.

On motion of Mr. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

**APPLICATION FOR GRANT FUNDS UNDER VETERINARY MEDICAL
EDUCATION ACT OF 1966, URBANA**

(32) Under the Veterinary Medical Education Act of 1966, the United States Secretary of Health, Education, and Welfare is authorized to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities. The requirements of the Department of Health, Education, and Welfare for the submission of applications for grants under the Act necessitate the adoption of a formal resolution by the Board authorizing the filing of applications and designating the person to act on behalf of the University in connection therewith.

Accordingly, it is recommended that the Board of Trustees adopt the following resolution authorizing the filing of an application for a grant under the Veterinary Medical Education Act of 1966 for the project described as Construction of Large Animal Clinic at Champaign-Urbana Campus; and authorizing the Comptroller to act for the University.

**Resolution Authorizing the Filing of Application for Grant Funds Under
Public Law 88-129 of September 1963, as Amended by Public Law 89-290
on October 22, 1965, and Public Law 89-709 of November 2, 1966**

WHEREAS, the Secretary of Health, Education and Welfare is authorized under the Veterinary Medical Education Act of 1966 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for grants under the aforementioned act for the project described as Construction of Large Animal Clinic at Champaign-Urbana Campus.

Now, therefore, be it

Resolved, that application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said application will be forwarded to the Secretary of Health, Education and Welfare for consideration for his approval; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates H. O. Farber, Comptroller, as the officer authorized to file the application and act as the representative of this Board in connection with said application.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

**GRANT FOR IMPROVEMENTS AT UNIVERSITY OF ILLINOIS-
WILLARD AIRPORT**

(33) The President, on recommendation of the Vice-President and Comptroller, recommends the adoption of the following resolution for acceptance of a grant of \$370,425 from the Federal Aviation Administration for the acquisition of approximately 129 acres of land, and for extending and lighting the northwest runway and the northwest-southeast taxiway at Willard Airport.

**Resolution Accepting, Adopting, and Authorizing Execution of Acceptance
of Grant Offer of the Administrator of the Federal Aviation Administration
Constituting Grant Agreement Between the United States and The Board of
Trustees of the University of Illinois, Champaign-Urbana, Illinois**

WHEREAS, the Administrator of the Federal Aviation Administration, for and in behalf of the United States, has extended to The Board of Trustees of the

University of Illinois, a formal Grant Offer dated May 23, 1968, pursuant to the Project Application of The Board of Trustees of the University of Illinois, submitted to the Federal Aviation Administration dated February 23, 1968, all as hereinbelow set forth, and all relating to the development of the University of Illinois-Willard Airport, the same bearing FAA Project No. 9-11-026-C806; 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 of the University of Illinois; and WHEREAS, such Grant Offer and such Acceptance thereof, duly executed, together shall constitute the Grant Agreement between The Board of Trustees of the University of Illinois, and the United States relating to said airport-development project; and

WHEREAS, a copy of the said Grant Offer¹ is attached to this resolution and is incorporated by reference therein.

Now, Therefore, upon consideration of said Grant Offer and all of the terms, provisions, conditions, and exhibits therein and thereto, *Be It, and It Is Hereby Resolved by The Board of Trustees of the University of Illinois, Champaign-Urbana, Illinois*, as follows:

1. That The Board of Trustees of the University of Illinois accepts, and it does hereby accept, the Grant Offer extended to it by the Administrator of the Federal Aviation Administration, for and in behalf of the United States, in the words, figures and form as hereinabove set forth, and that it shall enter into a Grant Agreement with the United States by causing the Acceptance thereof, in the words, figures and form as hereinabove set forth, to be duly executed in its name and for and in its behalf.
2. That to accomplish the foregoing, H. O. Farber, Comptroller, be and he is hereby authorized and directed to execute, for and in behalf of The Board of Trustees of the University of Illinois, the said Acceptance of the said Grant Offer, and that Earl W. Porter, Secretary, be and he is hereby authorized and directed to attest said execution and to impress thereon the Official Seal of The Board of Trustees of the University of Illinois.
3. That the Project Application dated February 23, 1968, executed and submitted to the Federal Aviation Administration by The Board of Trustees of the University of Illinois, relating to FAA Project No. 9-11-026-C806, including all the statements, representations, warranties, covenants, and agreements contained therein, be and the same is hereby ratified and adopted.
4. That the Agency and Participation Agreement attached thereto and by reference made a part thereof, entered into on the 23rd day of February, 1968, by The Board of Trustees of the University of Illinois, and on the 26th day of February, 1968, by the State of Illinois, Department of Aeronautics, be and the same is hereby confirmed and ratified.

On motion of Mr. Hughes, the foregoing resolution was adopted.

ILLINI MEADOWS, URBANA

(34) The President of the University, with the concurrence of appropriate administrative officers, recommends that the recreational area now under development south of Florida Avenue and east of Lincoln Avenue, Urbana, be designated "Illini Meadows."

This project and site for the development of a recreational area was approved by the Buildings and Grounds Committee on May 29, 1958, and in subsequent years has been informally referred to as the "New Illini Grove." The new name "Illini Meadows" is proposed to prevent any confusion in designations.

The site consists of approximately thirty-three acres and the plans have provided for a ten-year phased improvement during each biennium since 1960. The facility is scheduled to open for limited University recreational use during the summer of 1969. To date, the site grading, drainage, extension of utilities, lawn construction, and basic planting have been accomplished. Funds are provided in the 1967-69 capital appropriation for the construction of a substantial part of the site facilities, including the secondary shelter structure. Funds for the main head-

¹ The Grant Offer has been entered in and has become a part of the official minutes of the Board of Trustees, filed with the Secretary of the Board.

quarters shelter building and the balance of facilities have been requested for 1969-71.

On motion of Mr. Clement, this recommendation was approved.

PROPOSED CHANGE IN MAXIMUM INTEREST RATES

(35) The state statutes which authorize The Board of Trustees of the University of Illinois, the Board of Trustees of Southern Illinois University, the Board of Regents, and the Board of Governors to issue revenue bonds to finance the construction of residence halls, union buildings, etc. include a restriction that the effective interest rate on bonds issued can not exceed five per cent. Current interest rates are such that it is unlikely that revenue bonds can be sold in today's market under this restriction.

The Board of Governors, the Board of Regents, and the Board of Trustees of Southern Illinois University have agreed to request the General Assembly to amend the statutes to provide that bonds may be sold so long as the effective interest cost does not exceed six per cent. The Vice-President and Comptroller recommends that The Board of Trustees of the University of Illinois authorize its administrative officers to request a similar amendment to the statutes which relate to the University of Illinois.

I concur.

On motion of Mr. Williamson, this recommendation was approved.

CONTRACT FOR SCHOOL OF MUSIC RECORDING, URBANA

(36) For many years the School of Music has been seeking an effective method of distributing recordings of the performances of new music by contemporary composers and music of great historical significance. Distribution through University channels has been of limited effectiveness.

During 1967 the University entered into agreements with Metro-Goldwyn-Mayer for the release of records containing seven compositions by five University of Illinois composers, and such releases have been very successful. The Elektra Corporation of New York now has offered a contract to record a composition by two University of Illinois composers to be performed under University sponsorship in July. It is proposed that the Elektra Corporation reimburse the University a total amount of \$500 to cover the cost of preparing a tape of the performance for release on commercial records, and for the conveyance of title thereto to the Elektra Corporation.

The President of the University, with the concurrence of the Chancellor at Urbana, the Executive Vice-President and Provost, and the Vice-President and Comptroller, recommends that authority be granted to enter into this contract with Elektra Corporation.

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

RECOMMENDATIONS FROM THE UNIVERSITY COMMITTEE ON COPYRIGHTS AND RECORDINGS

Assignment of Income from Rental of Video-Taped Lessons

(37) Professor E. G. Smith, Jr., a former faculty member of the University, produced a series of video-taped lessons in the field of geography in 1964. From the rental of these tapes to the Great Plains Regional Instructional Library, the University has received income amounting to \$360. The entire costs of the production were met with funds provided from external grants, and hence all of the rental fees constitute net income.

The University Committee on Copyrights and Recordings was asked to review the circumstances related to the production of these video-taped lessons by Professor Smith and to recommend an appropriate disposition of the accumulated rental fees. In the light of its review, the Committee has recommended that the entire amount be awarded to Professor Smith, in view of the unusual amount of time and energy required for the preparation of these lessons.

Assignment of Royalties for Book Resulting from Research Under a Grant from the National Institute of Mental Health

Professor Lee J. Cronbach, a former faculty member of the University of Illinois,

received research support for several years from the National Institute of Mental Health. A book based on this work is to be published in 1969 by John Wiley and Sons, under the authorship of Professor Cronbach and several associates.

The University Committee on Copyrights and Recordings was asked to review recommendations from the College of Education concerning the distribution of royalties from the book, and the Committee concurs in the proposed payment of the royalties, as follows:

1. \$1,000 to reimburse Professor Cronbach for direct costs incurred in preparation of the manuscript.
2. Up to \$1,000 each to Professor Nanda and to the son of Professor Rajaratnam (the latter having died during the time of revision of the manuscript).
3. All additional royalty income to go to the University of Illinois.

The Executive Vice-President and Provost endorses the Committee's recommendations in both of these cases.

I concur.

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

**INVITATION TO PRESIDENT TO PARTICIPATE IN QUINQUENNIAL
MEETING OF ASSOCIATION OF UNIVERSITIES OF THE BRITISH
COMMONWEALTH**

(38) I request the Board of Trustees to authorize my attendance at the Quinquennial meeting of the Association of Universities of the British Commonwealth to be held in Australia in August, 1968. The official visitation is scheduled for the period from August 12-24. The mission will involve no travel expense to the University of Illinois.

My attendance will be as Chairman of the delegation of twelve American university presidents sponsored by the Association of American Universities. The trip is part of a program, extending over a period of years, in which interchange with universities abroad has been encouraged and where administrative heads of leading American institutions have been made available as resource people at formal conferences abroad. Travel will be on American carriers, where available.

Ranking administrative officers on the several campuses and on the general staff will be on duty during the month of August.

On motion of Mr. Grimes, authority was given as requested.

PURCHASES

(39) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller.

The purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundations grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amount of these purchases were:

From Appropriated Funds.....	\$ 500 180 86
From Institutional Funds.....	1 473 626 37
<i>Total</i>	<i>\$1 973 807 23</i>

A complete list of the purchases, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Hughes, the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(40) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$5,000 to \$7,500. A copy of this report is filed with the Secretary.

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(41) The Comptroller presented his quarterly report to the Board as of March 31, 1968.

This report was received for record, and a copy has been filed with the Secretary of the Board.

COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED

(42) The Comptroller's monthly report of contracts executed was presented.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
University of Iowa	Academic year abroad program (in France)	\$ 33 000 00
United States Air Force AFOSR-68-1579	Research in optimization of control systems with uncertainties	31 837 00
F 33615-68-C-1522	Design, construct, and experimentally validate information acquisition via microfilm	39 755 00
United States Army DA-ARO-D31-124-1009	Dipoles in solution — thermodynamics and kinetics	54 000 00
United States Department of Health, Education, and Welfare OEG-0-8-080483-3539 (032)	Midwest region invitational conference — in the education of handicapped children	19 795 00
<i>Total</i>		<u>\$178 387 00</u>

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Association of American Railroads	The behavior of riveted and bolted structural joints	\$ 44 000 00
Illinois Department of Conservation	Fisheries research	35 000 00
Union Carbide Corporation, Nuclear Division	Prestressed concrete pressure vessels for nuclear reactors	112 035 00
United States Army DA-49-193-MD-2909	Determination of free bromine in water	20 114 00
DA DA17-67-C-7062	Attempt to formulate a disinfectant in tablet (or other) form for the disinfection of small quantities (canteens) of drinking water	17 985 00
<i>Total</i>		<u>\$229 134 00</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Barber & DeAtley, Inc.	Cost-plus contracts — general	
	Altgeld Hall	\$ 5 000 00
	Geological Survey Laboratory	11 000 00
	911 West High Street	15 600 00
	Horse Barn	10 500 00
	805 West Pennsylvania Avenue	6 500 00
	Undergraduate Library	9 000 00
Berger-Kelly-Unteed-Skaggs and Associates	Concrete and soil testing services	5 650 00
<i>Total</i>		<u>\$63 250 00</u>

Summary

Amount to be paid to the University	\$407 521 00
Amount to be paid by the University	63 250 00

This report was received for record.

INVESTMENT REPORT**Report of the Finance Committee**

(43) The Finance Committee reported the following changes in investments of endowment funds for the month of April, 1968:

Beckwith

Purchase

\$33 000 U.S. Treasury bills due 2/28/69..... \$ 31 475 40

Pool

Sales

\$13 000 Walter E. Heller & Company open-end demand notes..... 13 000 00

40/100 share Shulton common stock..... 18 24

Purchases

800 shares Columbia Broadcasting System common stock..... 43 755 44

100 shares International Business Machines common stock..... 58 925 00

800 shares Northwest Bancorporation common stock..... 50 737 38

700 shares Radio Corporation of America common stock..... 38 237 50

400 shares Texas Instruments common stock..... 44 337 64

Rust

Purchase

\$47 000 Commercial Credit Corporation open-end notes..... 47 000 00

Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of April, 1968:

Current Funds

ART OBJECTS

Purchase

\$63 000 U.S. Treasury bills due 12/31/68..... \$ 60 640 86

FORD FOUNDATION NONWESTERN PROGRAMS

Sale

\$80 000 U.S. Treasury 3 $\frac{7}{8}$ per cent bonds due 5/15/68..... 81 186 54

RESTRICTED GROUP

Sale

\$1 000 000 Hallmark Cards notes due 5/3/68..... 997 909 72

Purchase

\$1 000 000 Atlantic Richfield notes due 8/5/68..... 981 472 22

1 000 000 Cargill notes due 5/3/68..... 997 909 72

700 000 Hallmark Cards notes due 8/5/68..... 688 187 50

500 000 Northern Trust acceptance due 7/23/68..... 491 774 31

Construction Funds

GRADUATE HOUSING

Sale

\$5 000 U.S. Treasury bills due 10/31/68..... 4 855 61

KRANNERT CONTRIBUTIONS

Purchase

\$58 000 U.S. Treasury bills due 6/27/68..... 57 458 21

ORCHARD APARTMENTS

Sale

\$43 000 U.S. Treasury bills due 11/30/68..... 41 492 63

This report was received for record.

**PROGRAM FOR STUDY IN EUROPE FOR STUDENTS
IN ARCHITECTURE, URBANA**

(44) On November 10, 1966, the Board approved a program for study in Europe for students in architecture. This program has been in operation since January 1, 1967, at La Napoule in southern France. On June 20, 1967, the Board authorized the leasing of premises in La Napoule for the operation of the program for the period October 1, 1967, through May 31, 1968.

The Department of Architecture considers the program successful and desires to continue with it. It is proposed that the University lease living quarters, office space, and a studio in La Napoule for the period October 1, 1968, through May 31, 1969, with an option to renew for the next academic year at an annual rental of \$7,040. The total payments, including services, are estimated to be approximately \$13,000 for the year.

Participating students have agreed to provide such financial support as will provide funds for these arrangements. The Department of Architecture will inform the qualified students who apply that if their financial condition is such as to make it impossible for them to meet the added cost, the Department will support their applications for student aid.¹

Costs of instruction will not exceed those at the Urbana-Champaign campus insofar as the expenditure of state funds is concerned. Transportation of staff and operational costs of the studio will be handled by other than state funds. Students will incur approximately the same living costs as they presently do at the Urbana-Champaign campus, plus travel and personal expenses.

The President of the University, with the concurrence of the Executive Vice-President and Provost and the Chancellor at the Urbana-Champaign campus, recommends that the Secretary and Comptroller be authorized to execute the lease described and subsequent renewals as deemed advisable.

On motion of Mr. Grimes, this recommendation was approved.

**PROVISIONAL CODE OF CONDUCT FOR PERSONS EMPLOYED
ON THE STAFFS OF STATE OPERATED INSTITUTIONS
OF HIGHER LEARNING**

(45) On February 21, 1968, the Board of Trustees received for record a *Provisional Code of Conduct for Persons Employed on the Staffs of State Operated Institutions of Higher Learning* promulgated by the Board of Higher Education under Article 5 of the Illinois Governmental Ethics Act and referred it to the Senates and nonacademic representatives on each campus for advice. That advice has now been received and a report is submitted. There being no objection to the final adoption of the Code, I recommend approval of the *Provisional Code of Conduct* in the form submitted.

On motion of Mr. Clement, this item was tabled for one month.

**TRANSFER OF JURISDICTION OF LAND TO THE ILLINOIS BUILDING
AUTHORITY FOR CONSTRUCTION OF THE INTRAMURAL-PHYSICAL
EDUCATION BUILDING, URBANA**

(46) The Intramural-Physical Education Building at Urbana is one of the projects in the 1967-69 capital program which the Board of Trustees requested the Illinois Building Authority to provide.

The Illinois Building Authority plans to sell bonds the latter part of this month and in order that this project can be included in the projects to be financed by the sale of these bonds, the Authority has requested the Board of Trustees to authorize the transfer of jurisdiction of land on which the building will be constructed.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Comptroller and Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments as are necessary to complete this transfer. Adoption of the resolution submitted herewith is required to implement the above.

Resolution

WHEREAS, the Seventy-fifth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, an Intramural-Physical Education Building at the Urbana campus of the University of Illinois; and

WHEREAS, for that purpose it will be necessary for the Illinois Building

¹ Efforts continue to develop a similar program for students in architecture at the Chicago Circle campus.

Authority to acquire jurisdiction of the real estate upon which said building will be located; and

WHEREAS, The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois, has been requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said building.

Now, Therefore, be it and it is hereby resolved by The Board of Trustees of the University of Illinois that the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be and they are hereby authorized to execute, acknowledge, and deliver in the name and on behalf of this corporation an instrument of transfer of jurisdiction to the property described in the attached document entitled "Instrument of Transfer" which said form of instrument of transfer is by this reference incorporated in and made a part of this resolution.

On motion of Mr. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

Instrument of Transfer

In accordance with the provisions of "An Act to create the Illinois Building Authority and to define its powers and duties" approved August 15, 1961, as amended, and resolution No. 68, IBA 170, adopted on the 27th day of May, 1968, by the Illinois Building Authority, a body corporate and politic of the State of Illinois, created under said above-mentioned act, requesting the transfer of the certain described real estate and jurisdiction thereof to the Illinois Building Authority;

Now, Therefore, the undersigned, The Board of Trustees of the University of Illinois, does hereby transfer jurisdiction of the following real estate to the Illinois Building Authority, to wit:

Situated in the State of Illinois, the County of Champaign, in the Southwest Quarter (SW $\frac{1}{4}$) of Section 18, T 19 N, R 9 E of the 3rd P.M. and being a part of Lots 9, 10, 11 and 12 of WILLIAM WILLIAMSON'S SUBDIVISION" of the West-half (W $\frac{1}{2}$) of the Southwest Quarter (SW $\frac{1}{4}$) of the said Section 18, and being more fully described as follows:

Beginning at the Southwest Corner of the Southwest Quarter (SW $\frac{1}{4}$) of Section 18, thence North along the West line of Section 18, a distance of One thousand two hundred fourteen and four tenths (1214.4) feet, to the Center line of Peabody Drive; thence East along the Center Line of Peabody Drive a distance of Three Hundred Eighty three and Five hundredths (383.05) feet; thence South a distance of Seventy-four and eleven hundredths (74.11) feet, to the point of beginning of the tract herein described; Thence continuing South a distance of Three hundred fifty-seven and twenty three hundredths (357.23) feet; thence East a distance of Six hundred Sixty-nine and eighty hundredths (669.80) feet; thence North a distance of Three hundred Fifty-seven and twenty-three hundredths (357.23) feet; thence West a distance of Six hundred Sixty-nine and eighty hundredths (669.80+) feet, more or less, to the point of beginning. Containing Five and forty-nine hundredths (5.49+) Acres, more or less.

In Witness Whereof, The Board of Trustees of the University of Illinois, a body corporate and politic of the State of Illinois, has caused this instrument to be executed by its Comptroller, pursuant to due authorization of its Board of Trustees and its seal to be hereunto affixed and attested by the Secretary of The Board of Trustees of the University of Illinois, all as of the _____ day of _____, 19_____.

DEGREES CONFERRED

The Secretary presented for record the following lists of degrees conferred on candidates at the Chicago Circle, Medical Center, and Urbana-Champaign campuses on the dates indicated, in accordance with the authorization of the Board.

Summary

Chicago Circle*Degrees Conferred September 5, 1967*

College of Liberal Arts and Sciences	
Bachelor of Arts.....	109
Bachelor of Science.....	31
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(140)</i>
College of Business Administration	
Bachelor of Science.....	36
College of Architecture and Art	
Bachelor of Architecture.....	3
Bachelor of Arts.....	7
<i>Total, College of Architecture and Art.....</i>	<i>(10)</i>
<i>Total, Degrees Conferred at Chicago Circle September 5, 1967.....</i>	<i>186</i>

Degrees Conferred December 11, 1967

College of Liberal Arts and Sciences	
Bachelor of Arts.....	90
Bachelor of Science.....	25
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(115)</i>
College of Business Administration	
Bachelor of Science.....	43
College of Architecture and Art	
Bachelor of Architecture.....	10
Bachelor of Arts.....	7
<i>Total, College of Architecture and Art.....</i>	<i>(17)</i>
<i>Total, Degrees Conferred at Chicago Circle December 11, 1967.....</i>	<i>175</i>

Degrees Conferred March 18, 1968

Graduate College	
Master of Science.....	1
College of Engineering	
Bachelor of Science.....	13
College of Liberal Arts and Sciences	
Bachelor of Arts.....	108
Bachelor of Science.....	32
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(140)</i>
College of Business Administration	
Bachelor of Science.....	33
College of Architecture and Art	
Bachelor of Architecture.....	4
Bachelor of Arts.....	7
<i>Total, College of Architecture and Art.....</i>	<i>(11)</i>
<i>Total, Degrees Conferred at Chicago Circle March 18, 1968.....</i>	<i>198</i>

Degrees Conferred June 16, 1968

Honorary	
Doctor of Laws.....	1
Doctor of Science.....	1
<i>Total, Honorary Degrees.....</i>	<i>(2)</i>
Graduate College	
Master of Arts.....	16
College of Engineering	
Bachelor of Science.....	34
College of Liberal Arts and Sciences	
Bachelor of Arts.....	432
Bachelor of Science.....	121
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(553)</i>

College of Business Administration	
Bachelor of Science.....	102
College of Architecture and Art	
Bachelor of Architecture.....	29
Bachelor of Arts.....	18
<i>Total, College of Architecture and Art.....</i>	<i>(47)</i>
<i>Total, Degrees Conferred at Chicago Circle June 16, 1968.....</i>	<i>754</i>
Medical Center	
<i>Degrees Conferred September 9, 1967</i>	
College of Dentistry	
Bachelor of Science.....	49
Doctor of Dental Surgery.....	8
<i>Total, College of Dentistry.....</i>	<i>(57)</i>
College of Medicine	
Doctor of Medicine.....	3
College of Nursing	
Bachelor of Science.....	14
College of Pharmacy	
Bachelor of Science.....	2
<i>Total, Degrees Conferred at the Medical Center September 9, 1967....</i>	<i>76</i>
<i>Degrees Conferred December 9, 1967</i>	
College of Dentistry	
Bachelor of Science.....	3
Doctor of Dental Surgery.....	1
<i>Total, College of Dentistry.....</i>	<i>(4)</i>
College of Nursing	
Bachelor of Science.....	2
College of Pharmacy	
Bachelor of Science.....	3
<i>Total, Degrees Conferred at the Medical Center December 9, 1967....</i>	<i>9</i>
<i>Degrees Conferred March 16, 1968</i>	
College of Dentistry	
Doctor of Dental Surgery.....	1
College of Nursing	
Bachelor of Science.....	2
College of Pharmacy	
Bachelor of Science.....	2
<i>Total, Degrees Conferred at the Medical Center March 16, 1968.....</i>	<i>5</i>
<i>Degrees Conferred June 7, 1968</i>	
Honorary	
Doctor of Science.....	1
Graduate College	
Doctor of Philosophy.....	38
Master of Science.....	34
Master of Science in Nursing.....	10
<i>Total, Graduate College.....</i>	<i>(82)</i>
College of Dentistry	
Doctor of Dental Surgery.....	83
College of Medicine	
Doctor of Medicine.....	183
School of Associated Medical Sciences	
Bachelor of Science in Medical Art.....	5
Bachelor of Science in Medical Record Administration.....	14
Bachelor of Science in Medical Technology.....	12
Bachelor of Science in Occupational Therapy.....	13
<i>Total, School of Associated Medical Sciences.....</i>	<i>(44)</i>

College of Nursing	
Bachelor of Science.....	62
College of Pharmacy	
Bachelor of Science.....	95
<i>Total, Degrees Conferred at the Medical Center June 7, 1968.....</i>	<u>550</u>
Urbana-Champaign	
<i>Degrees Conferred June 15, 1968</i>	
Honorary	
Doctor of Music.....	1
Doctor of Science.....	2
<i>Total, Honorary Degrees.....</i>	(3)
Graduate College	
Doctor of Philosophy.....	188
Doctor of Education.....	6
Doctor of Business Administration.....	1
Doctor of Musical Arts.....	1
Master of Arts.....	203
Master of Science.....	366
Master of Music.....	24
Master of Education.....	157
Master of Social Work.....	84
Master of Fine Arts.....	6
Master of Television.....	1
Master of Architecture.....	5
Master of Accounting Science.....	17
Master of Business Administration.....	21
Master of Commerce.....	1
Master of Extension Education.....	1
Master of Landscape Architecture.....	3
Master of Urban Planning.....	6
Advanced Certificate.....	20
Certificate of Advanced Study in Librarianship.....	3
<i>Total, Graduate College.....</i>	(1,114)
College of Agriculture	
Bachelor of Science.....	267
College of Engineering	
Bachelor of Science.....	337
Certificate in Teaching of Engineering Technology.....	8
<i>Total, College of Engineering.....</i>	(345)
College of Liberal Arts and Sciences	
Bachelor of Arts.....	863
Bachelor of Science.....	497
<i>Total, College of Liberal Arts and Sciences.....</i>	(1,360)
College of Law	
Juris Doctor.....	147
College of Education	
Bachelor of Science.....	212
College of Commerce and Business Administration	
Bachelor of Science.....	149
College of Journalism and Communications	
Bachelor of Science.....	104
College of Fine and Applied Arts	
Bachelor of Architecture.....	41
Bachelor of Fine Arts.....	62
Bachelor of Landscape Architecture.....	3
Bachelor of Music.....	16
Bachelor of Science.....	34
Bachelor of Urban Planning.....	6
<i>Total, College of Fine and Applied Arts.....</i>	(162)

College of Physical Education	
Bachelor of Arts.....	2
Bachelor of Science.....	58
<i>Total, College of Physical Education.....</i>	<i>(60)</i>
College of Veterinary Medicine	
Bachelor of Science.....	60
Doctor of Veterinary Medicine.....	51
<i>Total, College of Veterinary Medicine.....</i>	<i>(111)</i>
<i>Total, Degrees Conferred at Urbana-Champaign June 15, 1968.....</i>	<i>4,034</i>

CHICAGO CIRCLE

Degrees Conferred September 5, 1967

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

GELA ARBER ALTMAN	DENNIS MARK GRONER
LOIS JOYCE BAMBICK, Honors in Lib- eral Arts and Sciences	BEVERLY SUZANNE GUMOLA
ROBERTA ANN BARKER	WILLIAM CHARLES GUNNING
ELLEN MARGARET BARTON	PAMELA SUSAN HAAS
DACE ILZE BAUMANIS	LOIS ANN HABADA
STEPHEN PAUL BERG	RICHARD LOUIS HARGOT
ALFRED PORTO BERMUDEZ	MARY THERESE HARRINGTON
LINDA LOUISE BERTONCINI	JOHN HAY
EVELYN LOUISE BRUMFIELD	JOHN CHARLES HEITZ
JENNIFER SUE BUEHLER	PATRICIA WOOD HELDING
HELEN GERMAINE CALHOUN	IRVING MAX HIMELBLAU, Honors in Liberal Arts and Sciences
DONALD MICHAEL CALLAHAN	MARY EILEEN HOWLAND, Honors in Liberal Arts and Sciences
MARI ELISA CAN	AGITA STRAUTNIEKS HUNS, Honors in Liberal Arts and Sciences
GRACE MARIA CERAMI	STEPHEN BRUCE IZUMI
DOMINIC ANTHONY CIANCIARULO	LAWRENCE WILLIAM JANOWSKI, Honors in Liberal Arts and Sciences
BARBARA JANE COON	JUDITH MIRIAM KAHN
JOHN GORDON CORELL	WALTER ALLEN KAMEN
JAMES WILLIAM COURSEY, JR.	JEROME CHARLES KARECKAS
MARSHALL DERMER, Honors in Liberal Arts and Sciences with Distinction in Psychology	MELVIN EARL KLEGERMAN
ANDREW KEVIN DOLAN	RICHARD STEPHEN KLING, Honors in Liberal Arts and Sciences
RICHARD WILLIAM DUBALL	JANE EVELAND KNIGHT
TERRY PETER ECK	KENNETH ALAN KOCH
EILEEN ANNE ESTES	KATHIE MARIE KRIEGER
LOUISE VICKY FERDMAN, Honors in Liberal Arts and Sciences with Distinction in English	RONALD JAMES KURASZ
DONNA MARY FORSBERG	DANIEL JOSEPH LAFFERTY III
GAIL MARY FRAZIER	PATRICIA CHRISTINE LETZTER
SHARON LYNN FRIEDMAN	STEPHEN HARRY LOEB, Honors in Lib- eral Arts and Sciences with Dis- tinction in Economics
CARY ALAN GAAN	DOROTHY MAE MACKOWIAK
SHARON KAY GABEL	MARY LUCILLE McCULLEY, Honors in Liberal Arts and Sciences
JAN OWEN GAUNTT, Honors in Liberal Arts and Sciences	LYNNE SMITH MILLER
RONALD JAY GERSTEIN	VASILIKA THOMAS MONAHU
LEE GOLDBERG, Honors in Liberal Arts and Sciences with Distinction in Psychology	CATHERINE MONTALBANO
SONIA KERN GOLDBERG	MOSHE Z. NEWMAN
ZANA ALMONY GOODWYN	TONI DEE PETERS
SUSAN BEEBY GRAHAM	ANTHONY THOMAS PODESTA

BRUCE PORTNOY
 DENNIS EUGENE QU Aid, Honors in Liberal Arts and Sciences
 LYNN SUSAN RASKE
 KATHLEEN ANN REILLY, Honors in Liberal Arts and Sciences
 MICHAEL JOSEPH ROWAN, Honors in Liberal Arts and Sciences with Distinction in Geography
 SHARI ANN RUBIN, Honors in Liberal Arts and Sciences
 MARVIN RUDMAN
 ANDREW DANIEL SACHER
 SHARON LEE SIEGAL
 DIANA HELMA SMITH
 KATHERINE MULLIKEN SMITH
 CLAUDIA MARY SMOLUCH
 BARRY DAVID SOHN

RICHARD DEANE SPAFFORD, Honors in Liberal Arts and Sciences
 MICHAEL NORMAN STAVY
 BARBARA JEAN SZILAGYI, Honors in Liberal Arts and Sciences
 JERRY PAUL TAFT, Honors in Liberal Arts and Sciences
 BRENDA MONTGOMERY TORRES
 DAVID MAURICE TUBBS
 ANDREW JOSEPH TURAUSKY
 KAROLYN LOUISE VAN PUTTEN, Honors in Liberal Arts and Sciences
 WILLIAM VINSON WALLEY
 CAROL DAWN WAYNE
 STEPHEN M. WEISS
 JOAN DRAKE WICKLAS
 JOHN HENRY WILSON

In the Teaching of English

MYRNA LOIS KRELSTEIN
 JUDITH ANN O'BRIEN
 THOMAS PATRICK O'SHEA

ELISSA RAE SHAMES, Honors in Liberal Arts and Sciences
 DIANE MAY TUCEK, Honors in Liberal Arts and Sciences

In the Teaching of French

SANDRA CROHN FREYDBERG

IRENE JOY SILVERSTONE

In the Teaching of History

SUSAN JOY KLEINBERG
 JUDITH HILARY ROSSOF, Honors in Liberal Arts and Sciences

RONNA SUSAN ZEE

In the Teaching of Political Science

MARSHA KAY VECE

CATHERINE VIRGONI

In the Teaching of Sociology

ROBERT EMMETT CLINE, Honors in Liberal Arts and Sciences

Degree of Bachelor of Science

In Chemistry

ARNOLD FRED JACOBSON, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

In Liberal Arts and Sciences

CARL COMPTON BELL
 RICHARD JOHN DAVIS
 RODNEY IRA EIGER
 SHARON NATALIE FIERSTIEN
 KENNETH CONRAD FLETCHER
 IOLA ELIZABETH GARDNER
 KENNETH ROBERT GROH
 JAMES ALAN HARP
 GEORGE CHARLES HOLLICH
 FRANK PAUL LA FRANCO
 WILLIAM LEE MINER

GEORGE LEONARD MOORE
 LEROY OWENS
 AUGUST PIVORUNAS, Honors in Liberal Arts and Sciences
 ALBERT JOSEPH ROBERTS
 RONALD SHERWIN SHAPIRO
 KONG MENG TAN, Honors in Liberal Arts and Sciences
 DIANE MAE UZNANSKI
 ANNA XIROUHAKI

In Physics

ANDREW ALEXANDER, JR.
 KENNETH ROBERT BLUME

JOANNE LORRAINE BUCK
 EDWARD PAUL CLARK

CRAIG LEWIS FOSTER, Honors in Liberal
Arts and Sciences with Distinction
in the Curriculum
WILLIAM ANTHONY GIANNI

LAWRENCE MICHAEL KLONOWSKI
HOWARD ALAN SILVER, Honors in Lib-
eral Arts and Sciences

In the Teaching of Biological Sciences

TINA HIRSCH YACHER, Honors in Lib-
eral Arts and Sciences

In the Teaching of Geography

LOUIS LEONARD ZBOYAN

In the Teaching of Mathematics

BRENDA LYNELL YEATMAN

COLLEGE OF BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accounting

RONALD CHARLES BAER
GEORGE EDWARD BURNS
LEONARD PETER DIORIO
PAUL FRANZ DITTMANN
DONALD FRANKLIN GEREN
FRED GILES HARTMAN
JOHN JOSEPH KOTLARCZYK

CLEM FREDERICK MASLOWSKI
FRANK JAY PEARLMAN
JOHN CHARLES RHOADS
MICHAEL JOHN ROMEO
MICHAEL LEE SULLIVAN, Honors with
High Distinction in Accounting

In Economics

ROBERT EARL ALLEN
KENNETH MARVIN CROFT

LAWRENCE MICHAEL JAGIELLO
JOHN CHARLES MAZUREK

In Finance

LYLE HOWELL FEINERMAN
CONCEPCION MARIA SALAS

WILLIS EUGENE TENBROECK

In Management

MICHAEL ANTHONY ASARO
ROBERT ALAN BERGE
RICHARD LYLE BERRYHILL
JAMES CONSTANTINE COLIAS

JOSEPH SYLVAN STALCUP, JR.
JAMES ERIC WITTERSHEIM, Honors with
Distinction in Management

In Marketing

LEROY MATTHEW BOSER
AUGUSTINE MICHAEL GREGORY
RICHARD SAMUEL ISENBERG
DOUGLAS MICHAEL JOHNSTON, Honors
with Distinction in Marketing
ROBERT JAMES LAPORT

KENNETH RONALD MANDELL
ALAN RICHARD MEDINTZ
JOHN THOMAS MONACELLA
JOSEPH CARL PISCITELLO
GARY IRA PLEASON
GEORGE SANFORD REPAPSKY

COLLEGE OF ARCHITECTURE AND ART

Degree of Bachelor of Architecture

In Building Technology

SCOTT L. LAWSON

JAMES KENNETH ZAHN

In Design

HAROLD HUGH SRIVER III

Degree of Bachelor of Arts

In Design

ANNA MARIA BRUNNER, Honors

RAYMOND JOHN GALLO

In Plastic and Graphic Arts

ANN ROCHELLE ELBAUM, Honors	ROBERT F. PEREZ, Honors
CORASUE JOHNSON PEREZ, Highest Honors	CAROLE SCHILLING
	FRANK JEROME VODVARKA, Honors

Degrees Conferred December 11, 1967

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In the Administration of Criminal Justice

RONALD ALLEN HEPNER	HENRY ALBERT LEWIS
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In Liberal Arts and Sciences

SUSAN ADELLE ADAMS	JERRY ALLEN MOGY
CHARLES GENE AMATO	JANET MARY MROCZEK
NICHOLAS AMSCHL	JOHN ALBERT MUHLENBERG
ELLEN WREN ANDERSON	JANINA BIRUTE NALIS
MARIA LAIMA BACINSKAS	MARIA HERMINIA NAON
PAMELA JANE BARRY	JOHN THOMAS O'BRIEN
DAVID EUGENE BARTLETT, Honors in Liberal Arts and Sciences	ANNA MARIA PETRUZZINI
DANIEL SYLVANUS BECK	PATRICIA ROSEANN PINIANSKI
DONNA MARLENE BERRY	ALAN STUART RABIN
BURTON BIALIK	MARY GRACE RAYMOND, Honors in Liberal Arts and Sciences
MANDELL TONY BOOKMAN	WILLIAM ALBERT ROBERTS
KATHLEEN LEE BOZIC	NAOMI ELLEN ROBESON, Honors in Liberal Arts and Sciences
EDA JEWEL BRESLOFF	TERRY RICHARD SANDERS, Honors in Liberal Arts and Sciences
JAMES RUSSELL CARLSON	ISABELLE EHRENBURG SCHOENFELD
JAMES LEROY EBERSOHL	SANDRA LYNNE SCHWARTZ, Honors in Liberal Arts and Sciences with Distinction in Psychology
BEVERLY MCKINLEY FANNIEL	JUDITH EVA SIEGAL
HARRIET JOYCE FRANKLIN	LAURIEL JILL SIMA
JOHN ALBERT GERBERICH	ADRIENNE SKLAR
JOSEPH NICKLAUS HANSEN	STEVEN ARDEN SOLINKO
GENE ALBERT HARRIS	CLAUDIA BERNADETTE SPOONER
GEORGE ROBERT HEALY	GERALD JOSEPH SRAMEK, Honors in Liberal Arts and Sciences
WILLIAM EDWARDS HERBER, JR.	DANUTE ANN STELINGIS
ANNA HOLOWATYJ	GAIL LOUISE SWANSON
FRANKIE LEE HUDSON	CURTIS LYNNWOOD SWEAT
MOSHE JACOBUS, Honors in Liberal Arts and Sciences	WALTER EDMUND WALCZEWSKI
BARBARA SUSAN JANIK, Honors in Liberal Arts and Sciences	IVA JOHNSON WELLS
SHAINDELL KAPLAN	PAUL ROBERT WHITHAM
DONNA KONCE	MARY GILBERT WIDMER
JOHN LEROY MAHANNA	ELIZABETH LOUISE WILLIAMS
DENNIS TAKAMI MANSHIO	
EUGENE ARTHUR MARTELLO	
JOHN RICHARD MAURER	
CHERYL FOUNTAINE MILLER	

In the Teaching of English

ROBERTA KRENSKY COOPER, Honors in Liberal Arts and Sciences	JEAN SHOGREN MCKEIGUE
CAROL LEE CSERNANSKY, Honors in Liberal Arts and Sciences	SHARON BERNADINE MENNING
MARSHA JEAN DEWELL, Honors in Liberal Arts and Sciences	SHOSHANA MERMELSTEIN, Honors in Liberal Arts and Sciences
LYNN HEIDINGER DIETERICH	INARA SILVIJ MULTINS
JUDITH MATTERN KORAL	KAREN JANE NEWBROUGH, Honors in Liberal Arts and Sciences
SARAH ELLEN LOFFREDO	MARYBETH BARCLAY PEBBLES, Honors in Liberal Arts and Sciences
DIANE LYNN MACK, Honors in Liberal Arts and Sciences	MARY ELLEN REAUME
BURTON STUART MANASTER	KAREN HELENE VIERNISEL, Honors in Liberal Arts and Sciences

In the Teaching of History

LARAINÉ MARGARET CHORVAT, Honors in Liberal Arts and Sciences SUSAN JANE POLLETT, Honors in Liberal Arts and Sciences

In the Teaching of Political Science

MILDRED ELIZABETH QUINN, Honors in Liberal Arts and Sciences

In the Teaching of Sociology

IRENE BETH MESCHELOFF

In the Teaching of Spanish

MARY LOUISE GREEN JOSEPHINE ANNETTE THOMAS
MARILYN RUSEVIC HOFMANN

In the Teaching of Speech

JUDITH LYNNE FINE LYNN HIRTENSTEIN TURNER
SARA NUSS HAFT

Degree of Bachelor of Science*In Chemistry*

WILLIAM DAVID ARENDT JOHN FREDERICK KUNSELMAN, Honors
JOSEPH RANDALL ESTERMAN in Liberal Arts and Sciences
ROBERT BASIL KASPER, Honors in Lib- ALBERTO MAGIN MARTINEZ, Honors in
eral Arts and Sciences Liberal Arts and Sciences
DENNIS HARRY PATTERSON

In Liberal Arts and Sciences

RICHARD CARL BRINKMANN JOYCE MARILYN REDEMSKE, Honors in
JAMES ROY GRAPENTHIEN Liberal Arts and Sciences
CHARLENE ANN LEDET IRENA GUDRUN SRUGYS
STANISLAWA MALIKOV, Honors in Lib- ALGIRDAS BRONIUS VOLODKA, Honors
eral Arts and Sciences in Liberal Arts and Sciences

In Physics

ROBERT JAMES BULAT LOIS JO RUTZ
MATTHEW PIVORUNAS, Honors in Lib-
eral Arts and Sciences

In the Teaching of Mathematics

CAROL ANN ADAMS BARBARA KATHLEEN KRAL
SUSAN ROBERTA BLANK, Honors in Lib- SUSAN CAROL MINERICH
eral Arts and Sciences ARLENE RAE NOVICK
SANDRA DOLORES JOHNSON, Honors in MARTHA SCHNEIDER
Liberal Arts and Sciences NANCY ANNE STEHURA

In the Teaching of Physics

BRUCE THOMAS LOMBARDO

COLLEGE OF BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Accounting*

NOEL ALLEN BELL, JR. JOSEPH WILLIAM KEENAN
NICHOLAS GERALD BOYARIS RALPH JOSEPH KENNEDY
JOSEPH CHARLES DE TRAIN ROBERT JOHN MACICAK
MITCHELL FENGER SEYMOUR SOL MATTHEW
FRANKLIN HALSEY FORD FRANK JOSEPH MEILE
JOSEPH JAMES JANAS MICHAEL ROBERT MORAN, Honors with
PHILIP SAM JASPER Distinction in Accounting

JAMES ALLEN OLINSKI
GILBERT RONALD OREJUDOS

SAMUEL FRANCIS WOJCIECHOWSKI
ZIGMUND ANTHONY ZUDYK

In Economics

RONALD ALLEN BREDEMANN
MARK WALDEMAR DASLER

SCOTT ALAN INGHAM
GARY JEFFERY OOS

In Finance

LAWRENCE PHILLIP GRABOWSKI
KENNETH ROBERT HAWKINS
WALTER STEWART JOHNSTON, JR.

NORMAN B. SACK
WARNER MICHAEL WESLEY

In General Business

WALTER PETER EBERT

STEPHEN VINCENT MONGELLUZZO

In Management

GEORGE GUSTAVE DORNSEIF

FRANCES IRVIN

In Marketing

RODNEY JAMES BELLOWS
ALLEN WALTER BROWN
MICHAEL BYRON ENGDALL
JAMES FRANCIS MENDYK
MICHAEL PETERSON

HOWARD MERLE RUBIN
DONALD WAYNE SEGRETI
IRA ALLEN SERBIN
DENNIS PHILLIP STANCAK
HOWARD NEAL WANDELL

In Quantitative Methods

JEFFERY SCOTT BERMAN, Honors
RONALD ALLAN REHLING, Honors

NORMAN IRVING VOGEL

COLLEGE OF ARCHITECTURE AND ART

Degree of Bachelor of Architecture

In Building Technology

ROBERT DUANE MCKENNA, Honors

In Design

RICHARD ALPHONSE BENZAQUEN
PAMELA HOYT FABRY, Highest Honors
WAYNE CHARLES HANSON
RONALD JAMES HERTEL

JOSEPH JOHN KOBYLECKY
GREGORY HOMER LAWSON
WILLIAM ANTHONY THURSTON
LEON ROY WEISBERG (Posthumously)

In Structures

GILMORE THEODORE WHAPLES

Degree of Bachelor of Arts

In Design

TOBY JO ACKERMAN
ANNA-MARIE ROSE BARBARO, Honors
PETER GERT DRASSDO

ROSALIND ROSE GREENE
ELAINE MARIA HILL
PATRICIA PANICO WAGENER

In Plastic and Graphic Arts

JUDITH ELAINE LIPMAN

Degrees Conferred March 18, 1968

GRADUATE COLLEGE

Degree of Master of Science

In Mathematics

HARVEY JACK SCHILLER, B.S., 1966

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Structural Design

EDWARD THOMAS DOMINIAK
 GEORGE P. FESTAS
 CONSTANTINOS P. FLOROS
 EDWIN HIDEICHI FUKUDA
 PAUL NORMAN GIDLUND
 NANCY ANDERSON HOLMES, Honors

JOSEPH JOHN POSEWICK
 FROMY ROSENBERG, Honors
 ROBERT ALEX STOLORENA
 JOHN TSAPARDONIS
 THOMAS JAMES URBANSKI

In Thermal Science

LUKE WENDELL PERVAN

RONALD HENRY THAU

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

ROCHELLE ELLOWE ADLER
 JOAN CAROLYN AILSWORTH
 DAVID MICHAEL ALMEROTH
 JOHN FLOYD ANKERBERG
 NANCY ELIZABETH BAETZEL
 ALICIA AGUILAR BLAZEK
 ELISSA PALICKE COLTSIDAS
 GIOVANNI ANTONIO CORA
 PATRICK ALMOND CURTIS
 ROSALYN DAVIS
 CALVIN ERIC ELLISON
 SANDRA GAIL FIARMAN
 LESTER FINK
 ROBERT JOHN GALLAGHER
 THOMAS JAMES GRONEK
 CAROL ANN GROSS
 VICTOR BENJAMIN GRUNTWAGE
 WILLIAM TYNAN HANNON
 ANDREA HAJI HARRIS
 BARBARA ELAINE HARRIS, Honors in
 Liberal Arts and Sciences
 SAM C. HEFTER
 MARK JOHN HILDEBRAND
 RONALD HOFFBERG
 SHERRY OTTO HORNIK
 ROBERT CHARLES HORWITZ, Honors in
 Liberal Arts and Sciences with
 Distinction in Psychology
 WILLIAM MICHAEL HURLEY
 JAMES RICHARD KELLER, Honors in
 Liberal Arts and Sciences
 KAREN STUHLBARG KOT
 DONALD WALTER KOZIOŁ
 SUSAN KAY KRUEGER, Honors in Lib-
 eral Arts and Sciences
 PATRICK FRANK KUETER
 ROBERT FREDERICK LADOVE
 DAVID ALAN LEE
 LESLIE LELINE
 MARGARET ANN LINDBERG, Honors in
 Liberal Arts and Sciences with
 Distinction in Chemistry
 PHILIP JAMES LIPUT

SUSAN ANN LITTLE, Honors in Liberal
 Arts and Sciences
 CAROL BETH MALOFF
 BEVERLY CAROL MARTIN
 KATHRYN LOUISE MCGOON
 SHARYNE ANN MERRITT, Honors in
 Liberal Arts and Sciences
 RALPH ALBERT MITTON, Honors in
 Liberal Arts and Sciences
 FRANK HIROSHI NAGATANI
 NANCY SHEILA NATHAN
 JOHN MICHAEL NOVINSON
 DARIA MARIE PASTERCZYK
 SANDRA GAY PEARLMAN
 MARILYN SUE PIPER
 RICHARD DENNIS PLASTINA
 OLGA JUSEFOWYTCH PRETTO
 ROXOLANA SOFIA PROCYK, Honors in
 Liberal Arts and Sciences
 MICHAEL CRAIG RABIN
 DORIS ELAINE RACICH
 PATRICIA ANN RAUCH
 GERALDINE ELAINE RICHARDSON
 JOSEPH ROBERT RIHA
 IVAN MELVIN RITTENBERG
 ROBERTA CHASKIN RITTENBERG, Honors
 in Liberal Arts and Sciences
 DANIEL FRANCIS SANCHEZ
 WINIFRED LUCILE SCHAUMBURG
 DONNA LOUISE SCOTT
 MARK STEPHEN SCOTT
 LEWIS SEEDER, Honors in Liberal Arts
 and Sciences
 BARBARA JANE SHAFFER
 GERALD FRANCIS SHAW, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in Sociology
 JOHN WALTER SHAW
 PAUL CHARLES SHEILS
 STEPHEN HO-KIN SHIU
 NANCY JANE SKIERSCH
 JANICE ELLEN SMITH
 LAWRENCE HOWARD SPECTOR

ALICE VIRGINIA SPENCER
 KENNETH FRED STEFFENS
 THOMAS PHILLIP STEPHEN, Honors in
 Liberal Arts and Sciences
 DANIEL ALFRED STEVENS
 RITA J. SUTTON
 THERESA THOMAS
 MARJORIE ANN THOMSEN
 CHARLES HERMAN TOSSMAN

ALAN HARVEY TOWSLEY
 WILLEM ARIE VAN GEMEREN, Honors
 in Liberal Arts and Sciences
 GEORGE DONALD VUSCKO
 ERNEST RICHARD WHITE, JR.
 LOIS DONNA WINGERHOFF
 ROBERT EDWARD WULFFEN, Honors in
 Liberal Arts and Sciences
 JAMES MARTIN YOUNG

In the Teaching of English

ELYNNE SHARON CHAPLIK
 DIANE MARIE EWERT, Honors in Lib-
 eral Arts and Sciences
 MARY LOUISE FOWLER
 ANN HULSEBERG MARINO
 MAUREEN ANN MULLEE
 CAROLYN MARY PREIS
 SUSAN ANN RYBA

ALINE SCHLESINGER, Honors in Liberal
 Arts and Sciences
 PATRICIA CERAULO SCHNEIDER
 MARY ANN SIRIANNI, Honors in Lib-
 eral Arts and Sciences
 SUSAN KIRCHNER SPERRY, Honors in
 Liberal Arts and Sciences
 CAROL SCOTT ZIMMERMAN

In the Teaching of French

DIANE ANDREWS

In the Teaching of German

EVELYN HILDA BENGTSON

In the Teaching of History

HUGO REHLING PRUTER, JR.

In the Teaching of Political Science

RICHARD SAMUEL PARKER

In the Teaching of Spanish

SALVATORE CLAUDIO A. ATTENTO
 BARBARA JEAN GIGLIO
 GAIL ANDREA MANSFIELD
 NANCY ANN ROSZ, Honors in Liberal
 Arts and Sciences

ALICE DOLORES ZAWILENSKI, Honors in
 Liberal Arts and Sciences
 EILEEN OBERLANDER ZIGMAN

Degree of Bachelor of Science

In Liberal Arts and Sciences

JAMES EDWARD ARCHER
 LOIS AGNELLA BAPTISTE
 RICHARD ALBERT BEBAK
 JAMES STEPHEN BURNS
 SUSAN GARFIELD DRESNER, Honors in
 Liberal Arts and Sciences
 HELEN ANN FREDIANELLI
 JACK DAVID GOLDIN
 MARYANN JOSEPHINE GUZZALDO
 MICHAEL JOSEPH HAYES
 GLORIA KARCH HOFFMAN, Honors in
 Liberal Arts and Sciences
 CARLTON LINDSAY MCGINNIS
 YOUKHANNA ORAHAM NONA

MILDA MATILDA PAKALNISKIS, Honors
 in Liberal Arts and Sciences
 JOEL WALTER POCHRON
 GARY LEE REBBE
 BRIGITTE GERLINDE REMSPECHER
 RALPH LLOYD SCOTT
 WILLIAM MARTIN SHAPIRO
 FRANK SICILIANO
 DONALD STEWART SOKOL
 RUTH CAROL STYSKAL, Honors in Lib-
 eral Arts and Sciences
 JEROME EDWARD THOMAS, Honors in
 Liberal Arts and Sciences
 RALPH SPENCER VINCI

In Physics

JOHN FRANCIS HEATON
 JOHN HERBERT KOMLOS

HENRY ADAM SCHMELZ, Honors in Lib-
 eral Arts and Sciences

In the Teaching of Chemistry

ROBERT JOSEPH HURLEY

In the Teaching of Geography

CAROL ANN BUCK

CAROL LEE RYBANDT, Honors in Lib-
 eral Arts and Sciences

*In the Teaching of Mathematics*MAGDALINE MARY BERCHOS
BONNIE LERMAN LEVIN

THADDEUS JOSEPH ZDEB

COLLEGE OF BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Accounting*CAROL ANN CURLEE, Honors with Dis-
tinction in Accounting
ROBERT JOSEPH FERRARI
ROBERT JAMES HARTMANN
NANCEE ROSE KUHN
MICHAEL HOWARD LANDESRICHARD ALAN OTT
ALLEN JEFFERY SEIDMAN
MARINA BOURANIS SHEERIN
KENT ALLUN SMITH
EVELYN THERESA SZPISJAK
THOMAS DANIEL VENEZIA*In Economics*

RICHARD WALTER BAUER

ALLAN STANLEY DYKAS

In Finance

JAMES ROBERT ROTHSCHILD

MICHAEL JOSEPH STADLER

*In Management*MICHAEL KURT BERINGER
DONALD RAY CROSS
JAMES JOSEPH DINCHAK
LEONARD PHILIP GEIGER
ROBERT LOUIS HANSENRALPH ALAN MACDONALD
WILLIAM THOMAS MORTON, JR.
HUGH THOMAS SMITH
JOHN JOSEPH ZEMAITIS*In Marketing*PRIMO ARTHUR BERTEOTTI
JAMES ALLAN COOPE
KEN EDWIN JOHNSON, Honors with
Distinction in Marketing
JAMES KRIT
JAMES GEORGE O'NEILALAN MARTIN RUBENS
KENNETH LYNN SEEGER, Honors with
Distinction in Marketing
STEVEN ORIN SIEGEL
ROBERT BRUCE WASKIN**COLLEGE OF ARCHITECTURE AND ART****Degree of Bachelor of Architecture***In Building Technology*

ARTHUR RICHARD DE BAERE

SALVADOR GARCIA-ZAPATERO

IN DESIGN

DIETRICH FREIGANG, Honors

RICHARD AUSTIN HOVLAND

Degree of Bachelor of Arts*In Art History*

RICHARD HENRY LOVE

*In Design*PHILLIP JOSEPH KEREWICH
RAYMOND MICHAEL KOHL
EVONE LORRAINE RAZZINORICHARD KATSUMI SATO
PHILIP JAY STEAD
JOSEPH JAMES STRUPECK*Degrees Conferred June 16, 1968***HONORARY DEGREES****Degree of Doctor of Laws**

ROBBEN WRIGHT FLEMING, LL.D.

Degree of Doctor of Science

WARREN STURGIS McCULLOCH, M.D.

GRADUATE COLLEGE**Degree of Master of Arts***In English*

JAMES MICHAEL RAINEY, A.B., 1966

In Mathematics

SHARLENE CODDY LANDAN, B.S., Roosevelt University, 1966

PETER SEYMOUR SCHILTZ, A.B., Harvard University, 1962

In Philosophy

JAMES MICHAEL ENRIGHT, A.B., Quincy College, 1966

JAY E. KANTOR, A.B., Brooklyn College, 1962

Degree of Master of Science*In Chemistry*

SHAW-AN CHENG, B.S., Taiwan Normal University, 1963

JANE FRANCES DOOLEY, B.S., Purdue University, 1966

JOSEPH CARL DROZD, B.S., 1965

WALTER JOHN PRAVICA, B.S., Eastern Michigan College, 1959; A.M., 1964

In Mathematics

REGINALD JOHN BISHOP, B.S., 1966

BRUCE STEVEN BUCHOWICZ, B.S., 1966

NORMAN JOSEPH DU FORE, B.S., 1967

WLADYSLAWA TOCZYCKI, B.S., Mundelein College, 1960

RAIJA ASTA VIRTANEN, B.S., 1967

In Physics

PETER T. GUENTHER, B.S., Northwestern University, 1963

RICHARD JOSEPH REIF, B.S., 1966

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aerospace Sciences*

GEORGE JAMES FRANEK

PERICLES SPYROS KORONAKIS, High Honors

In Applied Physics

ALLAN JAY HOFFMAN

In Computer Science

DAVID MARK RAPPAPORT

In Metallurgy

VICTOR EDWARD HUMPHREYS

HARTLAND PAUL KLOTZ

In Mechanical Analysis and Design

MIRON BAKSHY

GREGORY THOMAS LANDEWEER

STANLEY EDWARD DATA

CHARLES STEVE LEMAK

THADDEUS ANTHONY DYREK

SAMUEL LIU

EDWARD GUST ENNIS

EDWARD JAMES PRENTICE

GERALD RICHARD GRECZEK

JACK ROBERT STEIN, HONORS

JOHN HERMAN JAKSCH

RONALD JOSEPH STEPANSKY

ALVIN MANABU KOYANAGI

JOHN JAMES TAYLOR

PETER KRYWARUCZENKO

In Structural Design

ZOHAIH AHMAD HASAN

JAMES JAY NEIDLINGER

WILLIAM JOHN HAWES

HERBERT KENT ROMAN

JOHN ARTHUR LAASCH

In Systems Analysis

ROLF BENGT AGNER
 FAY KOUNG CHIN
 ARTHUR DANIEL GORMAN
 ROBERT BERNHARD KRIEGER

CHESLEY GARY LARSON
 GILBERT PATRICK OJEDA
 ROGER NEAL SCHAECKENBACH, Highest
 Honors

In Thermal Science

JAY EDWARD NORCO

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In the Administration of Criminal Justice

JAMES PATRICK DEVEREUX III
 HERBERT GEORGE KLUNK
 WILLIAM HERMAN MARSCHALL, JR.

LYNN KATHLYN MCEWAN
 ELLEN SAPER THOMAS

In Liberal Arts and Sciences

DARLENE FAYE ABLEMAN
 LAURENCE TOBY ADELMAN
 VINCENT JOHN ADESZKO, Honors in
 Liberal Arts and Sciences
 SONYA YVONNE AMOS
 FRANK RAY ANDERSON, Honors in Lib-
 eral Arts and Sciences
 GARY NELSON ANDERSON, Honors in
 Liberal Arts and Sciences
 ROBERT ANTHONY ANDERSON
 CAROLYN ARCHIE
 JAMES HOLMES ARMSTEAD, JR.
 CHARLES JULIAN ARON
 DENNIS MARCUS ASSURAS
 MARY MARTHA BAKSZYSZ
 YVONNE JEANINE BANKS
 JOHN RICHARD BARAN
 LINDA FENSTAD BARBOSA
 DIANNE RUTH BAUM, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in Spanish
 TERENCE JAMES BENSHOOF, Honors in
 Liberal Arts and Sciences with
 Distinction in Political Science
 ROZA BERLINSKI
 CAROL ANN BERNSTEIN
 RICK SANFORD BEZNER
 STANLEY ALLEN BIRNBAUM
 TINA SUCONIK BIRNBAUM
 ALAN LEE BLUMENTHAL, Honors in Lib-
 eral Arts and Sciences
 JORDAN HOWARD BODENSTEIN
 ARTHUR HERMAN BOELTER, JR.
 ARMAND BOUZAGLOU, Honors in Liberal
 Arts and Sciences
 RUSSELL MARC BRAND, Honors in Lib-
 eral Arts and Sciences
 ROBERT GERALD BRAUN
 JAMES MALCOLM BRINK
 DONNA LEE CLARA BROWN
 LARRY MICHAEL BROWN, Honors in
 Liberal Arts and Sciences
 MICHAEL LESLIE BROWN, Honors in
 Liberal Arts and Sciences

PAUL RONALD BRYER, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in Anthropology
 BRUCE EDWARD BURG
 ALAN DAVID BUSCH
 JAMES GERARD CALLAGHAN
 JOHN TIMOTHY CANNON
 JEFFREY PAUL CARREN, Honors in Lib-
 eral Arts and Sciences with High
 Distinction in Political Science
 WILLIAM LEE CARROLL
 JAMES MARTIN CAVALLO
 DONNA MAE CHEN
 THEA CHERKASKY, Honors in Liberal
 Arts and Sciences
 CAROL JEAN CHIOVARE
 ROBERT HAROLD CHRISTMAS
 JANIS BETH COHEN
 LARRY HAROLD COHEN
 MITCHELL AARON COHEN
 KATHLEEN SAMSURIS COLE
 WILLIAM JOSEPH CONWAY, Honors in
 Liberal Arts and Sciences
 MICHAEL JOHN COOK, Honors in Lib-
 eral Arts and Sciences
 WILLIAM THOMAS COUGHLIN
 PATRICIA ANN COUNCE
 JANICE ELAINE CRUSE, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in Economics
 ROBERT CHESTER CUDEK
 PATRICK JOHN CURRY, Honors in Lib-
 eral Arts and Sciences
 CONSTANCE MARIE DALLA BETTA
 STANLEY JOE DAVIDSON, Honors in
 Liberal Arts and Sciences
 DWIGHT WILLIAM DAVIS
 DONNA LEE DE ANGELIS
 MARY CROWE DE MAR
 JOHN DE MARCO
 MICHAEL ANDREW DE MARTE, Honors
 in Liberal Arts and Sciences
 KAREN ANN DENNIS

- SUSAN STEWART DETIENNE, Honors in Liberal Arts and Sciences
 JOAN KATHLEEN DEVINE
 ROBERT JOSEPH DILLON, Honors in Liberal Arts and Sciences
 JOHN JOSEPH DOBROWITZ
 GERALD DUJSIK
 JEROME ERWIN ECK
 JO ANN ELLINGSON
 BARBARA JEAN ELLIS
 HELEN ERNST
 VIRGINIA KOZLOW EYSENBACH
 MADONNA GRACEY FALK
 BETH ANN FEDER
 SARAH DEBORAH FEDERMAN, Honors in Liberal Arts and Sciences
 SHERYL LYNNE FELDMAN, Honors in Liberal Arts and Sciences with Distinction in History
 ESTHER RUTH FELSENFELD
 HELEN FESCZENKO
 CARL PHILLIP FINAMORE
 HANS GEORGE FLADUNG, Honors in Liberal Arts and Sciences
 PATRICIA JEAN FORMENTO, Honors in Liberal Arts and Sciences
 THERESA MARINO FOSTER
 LYNN CHARLET FRAZIER
 DAVID ALAN FREER
 JACK REIMER FROST
 MYRON BENNET GABRIEL
 SARAH RACHEL GAIBEL
 PATRICIA GIRKA GAJDA
 STANLEY ALOYSIUS GALLAS, JR.
 JANICE MARLENE GAPINSKI
 MARILYN ADA GARTMAN
 HARRIET BOLESLEWA GASIOROWSKI
 ROBERT MARK GERSHON
 SAMUEL DAVID GESS
 ANNETTA FOSTER GIYHAN
 PAULINE SUE GOLDBERG
 JACQUELINE BETH GOLDMAN
 RONALD LAWRENCE GOLDSMITH
 RONALD JAY GOLDSTEIN, Honors in Liberal Arts and Sciences
 ALLEN GOODMAN, Honors in Liberal Arts and Sciences
 GERHARD GOTTLIEB
 CARLA JEAN GRAHAM
 JANICE ANN GRECO
 JANICE CAROLE GREEN
 JUDITH ANN GREEN
 ROBERT CHARLES GREENBERG
 BURTON LAWRENCE GREENSPAN
 WAYNE KENNETH GREGORY
 JOHN FAYETTE GROBE, Honors in Liberal Arts and Sciences
 JOSEPH MICHAEL GUARNERY
 ORESTES HALICKI
 MARGUERITE VIRGINIA HANCOCK
 DAVID LEE HANDLER, Honors in Liberal Arts and Sciences with High Distinction in Speech
 ROBERTA SUE HANN, Honors in Liberal Arts and Sciences
 PAULETTE MARIE HARAR, Honors in Liberal Arts and Sciences
 NANCY FANI HASEGAWA, Honors in Liberal Arts and Sciences
 PAUL HAURO HASHIGUCHI
 STEPHEN ALLEN HATHAWAY
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 KARL HEINRICH MARK
 PATRICK WILLIAM PATTERSON
 CHARLES SCHWARTZ
 LAWRENCE SLIVKA
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 HERBERT COMROV
 JOHN PAUL GREGORY
 SHELDON ROBERT HORNICK
 WILLIAM ALMERSON HOWARD
 SHERWIN DAVID JAFFE
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HARVEY DAVID MEYERS
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 GUS PANOS
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 ROBERT RICHARD SMITH
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DONALD EDMUND HENSCHEL, Honors
with High Distinction in Quantita-
tive Methods

JAMES RICHARD MENSCHING, Honors
with Highest Distinction in Quanti-
tative Methods

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JAMES EDMUND SCHLOSS

In Design

PAUL RICHARD ANDERSON
JOSEPH JOHN ANSELMO
PAUL HARVEY BACH
DON MORRELL BEASLEY, JR., Highest
Honors
HAROLD JOHN CARLSON
GEORGE JAMES CHECHOPOULOS
DENNIS ARTHUR CIESIELSKI
FRANK RONALD DE LUCA

ZIGURDS GRIGALIS
ALAN FRANK JACOBS
CHRIS ELIAS LIAKAKOS
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GARY ALLEN STERN
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ALAN WAYNE JABUREK
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ZAVEN HRANT LAMBAJIAN

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PIER LUIGI PANICALI
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STELLA ANTONIA THEOPHILUS

In Design

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EVA MARIE GORCZAK
SYLVIA ELISE MOSS, Honors

BETTE JO TERRY NAYSMITH, Honors
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In Plastic and Graphic Arts

TERRY FAITH ANDERSON, Highest Hon-
ors
JEROME B. BLOOM
DAVID BLUMENTHAL
SALLY ANN DAVID

JOHN DUNN FERGUSON, High Honors
SUSAN ELIZABETH HOLBERT, Honors
CONNIE JO LIESTMAN, Honors
DINO MASON
DIANE PEARL SCHROEDER

MEDICAL CENTER*Degrees Conferred September 9, 1967***COLLEGE OF DENTISTRY****Degree of Bachelor of Science in Dentistry**

ROBERT ALAN ABELSON
THOMAS CARL ABRAHAMSEN
ROBERT CARL AHLERS
ROGER EARL ALLEN
DENIS DAVID ANDERSON

MARC WILLIAM ANDERSON, A.B., Au-
gustana College, 1965
WILLIAM FREDERICK BECK
PAUL MICHAEL BLIDY
JOSEPH EUGENE CANZONA, B.S., 1965

- CURTIS EUGENE CARLSON, A.B., Augustana College, 1965
 DONALD BRUCE CHINLUND
 MICHAEL PAUL COLLINS
 JEAN MARTIAL CORRIVEAU, A.B., University of Virginia, 1965
 RICHARD HAIGH FERRELL
 FREDERICK MICHAEL FITZPATRICK
 SHELDON ALLAN GRABINER
 RICHARD FRANCIS GRAHAM, B.S., 1965
 RICHARD ROBIN GREGORY, A.B., University of Hawaii, 1965
 BRUCE ALAN HILLEMAYER
 BRUCE EVERETT HOCHSTADTER
 WILLIAM EDWARD HOWELL II
 STEPHEN ARTHUR KAAD
 HARVEY JUSTIN KAHN, A.B., University of Michigan, 1965
 AUGUST JOSEPH KALETA
 LEON RAYMOND KELLEHER
 LARRY DEAN KOSTEN, with Honors
 GARY ALAN LEAGUE, A.B., Miami University, 1965
 JEFFREY BATTON LEBEN, A.B., Illinois Wesleyan University, 1965
- PAUL ERIC LITVIN
 THOMAS RICHARD MATTESON
 RICHARD HUGH MCKONE
 RICHARD KARL MERRY
 EDWARD MARK MILLER
 MICHAEL JOSEPH PORTER
 STEVEN RICHARD RANDELL
 GARY KARL SAWYERS
 JOHN KENDRICK SCHMIDT
 JERALD MICHAEL SCHWAB
 STEVEN MICHAEL SHIPKA
 OLIVER DAVID SMITH, A.B., Monmouth College, 1962
 ROBERT THOMAS STANLEY
 JAMES HENRY VOHS, B.S., University of Detroit, 1965
 PETER CARL WASILKOFF
 JOSEPH RICHARD WELLS
 PHILIP VERN WHEELER
 RANDY MILES WIDEN
 MICHAEL BARNES WILLENBORG
 STANLEY JEROME WITKIEWICZ
 MICHAEL BARRY WOLF

Degree of Doctor of Dental Surgery

- WILLIAM ALEXANDER AYER, JR., B.S., 1963, 1965
 IRENE BRZEZINSKI, D.D.S., University of Erlangen, 1949; M.P.H., University of Minnesota, 1958
 CHARLES RICHARD CURTIN, B.S., 1965
 MICHAEL DAVID PAREY, A.B., Knox College, 1963; B.S., 1965
- RAYMOND LUND PROFANT, A.B., DePauw University, 1960
 JAMES BENNET SWANSON
 ALAN ROBERT TUCHTEN, B.S., Loyola University, 1963; B.S., 1965
 JAY FORBES WATSON, B.S., Roosevelt University, 1963; B.S., 1965

COLLEGE OF MEDICINE

Degree of Doctor of Medicine

- WALLACE SIGURD EVANGER, A.B., Northwestern University, 1962
 BARRY EDWARD RABIN
- EMERY DEAN ROBERT, D.Sc., University of Bolyai, 1946

COLLEGE OF NURSING

Degree of Bachelor of Science in Nursing

- JOANN PHYLLIS BLAKE
 MARTHA BRADSHAW BONANDER
 SARAH MARIE HUBER
 JUDITH ANNE JEZEK, with Honors
 DONNA MARIE JOHNSON
 DONA HARRIS LEBLANC
 JOAN ANITA McMILLAN, with Honors
- MARY ROSE MESETZ
 URSULA MOELLER
 LAIMA MARTA PURVINAS
 MARCIA CHRISTINE SCHICHT
 SUSAN ALYCE THOMPSON
 CAROL LEE VOTAVA
 SHARON LEE WILFORD

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

- HOWARD WILLIAM HARMS, A.B., State University of Iowa, 1948
- WILLIAM MICHAEL MARTIN

*Degrees Conferred December 9, 1967***COLLEGE OF DENTISTRY****Degree of Bachelor of Science in Dentistry**JOSEPH ROBERT JEDRYCHOWSKI
MICHAEL EDWARD LESSIN

RICHARD STENLEY SMIEJEK

Degree of Doctor of Dental Surgery

ROSS DEAN KOKOS

COLLEGE OF NURSING**Degree of Bachelor of Science in Nursing**

JOAN CAROL GATES

DIANE JEAN SCOTT, with Honors

COLLEGE OF PHARMACY**Degree of Bachelor of Science in Pharmacy**KENNETH ALFRED BAILEY
OTILIA ANA CID

CHARLES ALAN TURNER

*Degrees Conferred March 16, 1968***COLLEGE OF DENTISTRY****Degree of Doctor of Dental Surgery**

HUBERT HENRY LAVERTY

COLLEGE OF NURSING**Degree of Bachelor of Science in Nursing**

KAREN LOUISE STRATTON

KATHLEEN ANN WALSH

COLLEGE OF PHARMACY**Degree of Bachelor of Science in Pharmacy**

URSULA MARIA KURTZ

SHOW CHEONG LUM

*Degrees Conferred June 7, 1968***HONORARY DEGREE****Degree of Doctor of Science**

WILLIAM HUFFMAN STEWART, M.D., D.Sc., LL.D.

GRADUATE COLLEGE**Degree of Doctor of Philosophy***In Anatomy*

DAVID MERRILL BIDDULPH, B.S., Utah State University, 1963; M.S., 1966

DALE RICHARD EISENMANN, B.S., D.D.S., 1963, 1964

EDWARD WILLIAM GRESIK, A.B., Xavier University, 1961; M.S., 1966

COLIN FREDERICK LOVELL HINRICHSEN, B.D.S., M.D.S., University of Sydney, 1957,
1960; M.S., 1965

ROBERT PETER SCAPINO, B.S., D.D.S., M.S., 1959, 1962, 1963

JOHN WILLIAM SECHRIST, B.S., Wheaton College, 1964

In Biological Chemistry

FRANCOIS MARTHINUS BOOYSE, B.S., M.S., University of Pretoria, 1963, 1966
 MARGARET ANN O'BRIEN BROSTROM, A.B., Clarke College, 1963
 CAROLYN ROSE VIRUS CARPENTER, B.S., 1963
 ALFRED CHAN, JR., A.B., Whittier College, 1962
 JOHN THORNTON DULANEY, B.S., West Virginia Wesleyan College, 1958; M.S.,
 University of Chicago, 1962
 SONDRA GALE BARRETT GOLD, B.S., M.S., 1962, 1965
 EDWARD DAVID HARRIS, A.B., M.S., 1960, 1965
 CHARLES LEE HERSHBERGER, B.S., Eureka College, 1964
 MARGARET ANN KENNY, B.S., University of Portland, 1962
 WILLIAM FRANCIS LINE, A.B., Catholic University of America, 1958
 SEYMON NACHMAN MILLNER, B.S., M.S., University of Chicago, 1956, 1963
 FRANKLIN HARRIS PORTUGAL, B.S., Columbia University, 1962
 HENRY MARTIN SARAU, B.S., North Park College, 1963
 JACQUELINE THERESA BIFANO SCHOLAR, A.B., Seton Hill College, 1962
 DAVID ANDREW SIRBASKU, B.S., College of St. Thomas, 1963
 JOHN ALFRED WATSON, B.S., Illinois Institute of Technology, 1964

In Chemistry (Pharmaceutical)

MARTIN DAVID BAUM, B.S., M.S., Massachusetts College of Pharmacy, 1962, 1964
 WOLFGANG GERICKE, B.S., University of Bonn, 1953
 FRED MARTIN HERSHENSON, B.S., 1962
 RICHARD EDWARD HEWITSON, B.S., Rochester Institute of Technology, 1959; M.S.,
 1962
 KARL ALLEN ROSEMAN, B.S., 1957

In Microbiology

DANIEL EINAR THOR, A.B., Monmouth College, 1960; M.D., 1963

In Pathology

ERWIN PHILLIP BARRINGTON, B.S., D.D.S., 1957, 1959; M.S., Tufts University,
 1963
 JOSE RAMOS MANALIGOD, M.D., University of the Philippines, 1961; M.S., 1965
 C. PAUL OSMANSKI, D.D.S., University of Buffalo, 1960; M.S., 1963

In Pharmacology

IHSAN MIKE DIAB, B.S., Roosevelt University, 1960
 ERIC MICHAEL SCHOLAR, B.S., Rutgers University, 1961
 RONALD GLENN THURMAN, B.S., St. Louis College of Pharmacy, 1963

In Physiology

AUDREY SUSANNA BINGEL, A.B., Hunter College, 1963
 HENRY HANNA GALE
 WILLIAM McCLELLAN HAMBY, A.B., B.S., M.D., 1955, 1957, 1959
 JAMES ALBERTINE McCLINTOCK, B.S., M.S., Purdue University, 1963, 1964

Degree of Master of Science*In Anatomy*

KEITH EDWARD ALLEY, B.S., 1967
 CONSTANCE ANN CARDASIS, A.B., Ball State University, 1965
 LARRY GEORGE FICKENSCHER, A.B., Augustana College, 1962
 MARTHA RUTH CARLSON JOHNSON, A.B., North Park College, 1966
 KENNETH FRED WOERTHWEIN, A.B., Princeton University, 1964

In Biological Chemistry

VINCENT ANTHONY GEMELLARO, A.B., Northeastern University, 1965
 IOANNA ISAAKIDOU, A.B., Whitman College, 1966
 MARIE LOUISE TSING-YUN TCHAO, B.S., Nazareth College, 1966
 OTTO FRANK WALASEK, B.S., University of Wisconsin, 1945
 DIANNA IRENE WEEKS, B.S., Rutgers University, 1963

In Chemistry (Pharmaceutical)

JEANETTE CHENG, B.Pharm., Taipei Medical College, 1965
 CATHERINE LEIDA BENOIT POKORNY, A.B., College of Our Lady of the Elms, 1963
 NANCY BANG-CHUNG WU, B.S., National Taiwan University, 1966

In Histology (Dental)

JEAN CLAUDE KAQUELER, B.Ph., D.D.S., University of Paris, 1956, 1964

In Microbiology

DICKY JEN WEI CHIAO, B.S., Southwestern University, 1966
 ANN MARIE FALLON, A.B., University of California, 1964
 RICKI BERENICE JOHNSON, B.S., 1960
 EDWARD ANTHONY NOWAKOWSKI, B.S., Northern Illinois University, 1950

In Oral Pathology

LEE IRWIN COPELAND, B.S., D.D.S., 1961, 1963
 ALICIA SUSANA RUBINSTEIN, A.B., Colegio Guida Spano, 1966; D.D.S., University of Buenos Aires, 1961

In Oral Surgery

GERALD IAN BAKER, D.D.S., University of Toronto, 1964

In Orthodontics

DONALD ANTHONY CAROLLO, D.D.S., 1964
 GERALD ARNOLD ULLMAN, B.S., D.D.S., 1958, 1959
 RAMON MATHEW ZOLLER, JR., B.S., D.D.S., 1962, 1963

In Orthopaedics

DANIEL VINCENT GIRZADAS, M.D., Loyola University, 1963

In Pathology

SHARON LYNN BURKE BUGAJ, B.S., Loyola University, 1965

In Pedodontics

CHRIS HARRY SARLAS, B.S., D.D.S., 1964, 1966

In Pharmacognosy

THELMA NAVARRO AGUILAR, B.S., The Philippine Women's University, 1942; M.S., State University of Iowa, 1955
 MARK JULIAN SOLOMON, B.S., 1967

In Pharmacy

VIRGINIA UMALI CASTILLO, B.S., M.S., The Philippine Women's University, 1950, 1959
 GRACE TSAI-YUN WU CHEN, B.S., Taipei Medical College, 1964
 RONALD BRUNO KLUZA, B.S., 1965
 REGINA PAO-SHU SHIAU, B.S., National Taiwan University, 1963

In Physiology

GRETCHEN MARY BROM, A.B., Bucknell University, 1964

Degree of Master of Science in Nursing

SALLY JEANETTE BROSZ, B.S., 1966
 LINDA RAE SIMON CAMIN, B.S., Western Reserve University, 1961
 GRACE TAYLOR PUTNAM FASS, B.S., 1963
 ELEANOR MARIE FRICK, B.S., Loyola University, 1959
 SALLIE FORREST MULLIKEN OLSEN, B.S., University of Wisconsin, 1965
 CATHERINE MARIE OWENS, B.S., Indiana University, 1965
 SHARON LEA KRUEGER POLCYN, B.S., Northwestern University, 1961
 BARBARA PAUL WILLIAMS, B.S., Hood College, 1957
 MARY ELIZABETH WORDELL, B.S., Catherine Spalding College, 1959
 EMILY CATHERINE ZABROCKI, B.S., College of Saint Teresa, 1963

COLLEGE OF DENTISTRY

Degree of Doctor of Dental Surgery

- STEPHEN WOOD ALBERS, A.B., Northwestern University, 1964; B.S., 1966
 KEITH EDWARD ALLEY, B.S., 1967
 LEONARD EUGENE BEARE, JR., B.S., 1964, 1966
 FREDERICK DOUGLAS BEGEMAN, B.S., 1966
 CHRISTIAN SVEN BERDY, A.B., University of Colorado, 1964; B.S., 1966
 JAMES BYRON BERKE, B.S., Northern Illinois University, 1963; B.S., 1966
 JADWIGA MARIA MAGDALENA BIERNOT, D.D.S., Johann Wolfgang Goethe University, 1950
 DAVID ROBINSON BULLEN, B.S., 1966
 LAWRENCE HOWARD COOPER, B.S., Roosevelt University, 1963; B.S., 1966
 STANLEY DRAB, with Honors
 ALAN CARL ECKMAN, B.S., 1966
 ROBERT ALVIN FAESSEL, B.S., 1966
 IRENE HOROSZOWSKI FISCHER, D.D.S., University of Warsaw, 1955
 RICHARD ELDRIDGE FRANCIS, B.S., 1964, 1966
 BARRY KENNETH FREYBERG
 RICHARD RAYMOND GEISLER
 DANIEL MICHAEL GIBBONS, B.S., 1966
 IRA HARRY GRANAT
 HOWARD JAY GREENE, B.S., University of Wisconsin, 1964
 RICHARD JAY GREENSTEIN
 KENNETH WILLIAM GRUNDSET
 JONATHAN GRANT HANSON, A.B., St. Olaf College, 1964; B.S., 1966
 TERRY BURNELL HENERT, B.S., 1966
 HAROLD ISENBERG, B.S., 1959, 1963, 1966
 STEVEN CARTER IVES, B.S., 1966
 PHILIP BRUNO JALOWIEC, B.S., 1966
 JOHN ALLEN JANICKE, B.S., 1966
 JOSEPH ROBERT JEDRYCHOWSKI, B.S., 1967
 DENNIS LEE JOHNSON, B.S., 1966
 MICHAEL LEE KAPLAN
 HALINA MARIA KAY, D.D.S., The Warsaw Medical Academy, 1954
 DAVID ERWIN KEEKER, B.S., 1966
 WALTER YOSHIO KITAJIMA, A.B., San Jose State College, 1960; M.P.H., University of Michigan, 1964
 CHARLES ADAIR KOONZ, with High Honors; B.S., 1966
 ARTHUR RAY KREMER, B.S., 1966
 PETER CLARENCE KUHN, B.S., 1966
 DARMON DOYLE KUNTZ, B.S., 1966
 ZENTA VISS LAPRUS, D.D.S., Ludwig-Maximilians University, 1950
 ANDA FARIDA LEGDINS, B.S., 1966
 SALVATOR PATRICK LIBERATI, B.S., Roosevelt University, 1965; B.S., 1966
 STEPHEN EDWARD LINE, B.S., 1966
 PATRICK JOHN LOUGHLIN, B.S., University of Wisconsin, 1964
 ARTHUR MAYER MARCUS, B.S., 1966
 WAYNE WILLIAM MASON, B.S., 1966
 GENE ELIOTT MENDELSON, B.S., 1966
 ALLEN JACK MOSES, B.S., 1964, 1966
 ROBERT PAUL MUELLER
 ELLIS JAY NEIBURGER, B.S., 1966
 HOWARD EDWIN NELSON, B.S., Northern Illinois University, 1960; B.S., 1966
 RICHARD CLARENCE NELSON, B.S., 1966
 GAYLORD DON NOREN, B.S., 1964, 1966
 WILLIAM ANTHONY OLEVICH
 RICHARD WALTER OLSEN, A.B., Northwestern University, 1964; B.S., 1966
 RODNEY DUNCAN OWENS, B.S., 1966
 THOMAS EDWARD PARRY, B.S., 1966
 RICHARD THOMAS PERRY, B.S., Roosevelt University, 1963; B.S., 1966
 RONALD GORDON PIROK, B.S., 1966
 RICHARD HENRY RENWICK, B.S., Bradley University, 1965
 ROBERT JOHN RIGGS, A.B., North Central College, 1957; B.S., 1966
 GEORGE ROBERT RIVIERE, A.B., Drake University, 1966; B.S., 1966
 LARRY WAYNE ROBBERN
 STANLEY RAY ROSS
 DANIEL MILTON SALZER, B.S., Roosevelt University, 1963; B.S., 1966
 RONALD BENNETT SCHATZ
 JULIAN GEORGE SCHLESINGER, A.B., Augustana College, 1959; B.S., 1966
 JACK ALVIN SHANNON, B.S., Wheaton College, 1963; B.S., 1966
 DAVID MICHAEL SILBERMAN, B.S., 1964, 1966
 NATHAN MORRIS SIROTA, B.S., 1966
 THOMAS JAMES SKIBA, B.S., 1966
 HERBERT PAUL STEPHAN, B.S., 1959
 JASON RICHARD STERN, B.S., Roosevelt University, 1965
 PHILLIP PAUL SUKEL, B.S., 1966
 ROBERT TITO SVEN
 DENNIS PATRICK SWEENEY, B.S., 1966
 THOMAS JOSEPH TAX
 PAUL LOUIS TERRANOVA, A.B., Northern Illinois University, 1960
 RUSSELL PAUL UMBRICH, B.S., 1966
 DAVID FLOYD VAN ANROOY, A.B., Grinnell College; B.S., 1966
 LANNY RICHARD WALKER, B.S., 1966
 THOMAS PETER WILLIAMS
 RICHARD RALPH WOEHRL, B.S., 1966
 CHARLES ARTHUR WOERZ, B.S., 1966
 GEORGE RAYMOND ZAGE, JR., A.B., Augustana College, 1964; B.S., 1966

COLLEGE OF MEDICINE

Degree of Doctor of Medicine

- RONALD LEE ARIAGNO, B.S., Lewis College, 1964
 GUY WALTER ATON, A.B., Southern Illinois University, 1964
 VERNON PAUL BANNING
 RICHARD MARTIN BASS, B.S., Loyola University, 1964
 BRUCE MARK BERKSON, B.S., 1964
 LEONARD DAVID BERNSTEIN
 CARL RUSSELL BIRCHARD, A.B., Olivet Nazarene College, 1962
 WILLIAM CHARLES BLUSTEIN
 PAUL MARVIN BOGAN
 EUGENE RICHARD BOOSTROM, B.S., St. Louis University, 1962
 JOHN LANDIS BOWMAN
 ALAN DAVID BRAMOWITZ
 BENNETT GEORGE BRAUN, B.S., M.S., The Tulane University of Louisiana, 1963, 1964
 BONNIE JOY SHAPIRO BRODKIN
 CHARLES EDWARD BRONDOS, A.B., Valparaiso University, 1963
 RONALD ELDON BRONS, B.S., 1964
 ROBERT PATRICK BROWN
 RICHARD WILLIAM BURNER, B.S., Manchester College, 1964
 RICHARD BUYER, B.S., 1961
 RICHARD EARL CALVIN, A.B., Wabash College, 1964
 JEREMY CUNNINGHAM CAMPBELL, B.S., 1965
 JOYCE AINES ATLEE CAMPBELL, A.B., Washington University, 1962
 CARL WARNER CARLSON
 KENNETH CODY CASE, B.S., University of Chicago, 1961
 KENNETH CRAIG CHESSICK, B.S., 1965
 FRANK CHMELIK
 HAROLD LAURITZ CHRISTENSEN, JR., B.S., 1964
 THOMAS ALLAN CHRISTIANSEN, A.B., Denison University, 1964
 DONALD RALPH COFFMAN
 DAVID EARLE CONNER, B.S., University of Dubuque, 1963
 JOHN LEVI COON, JR.
 ARTHUR PETER COPEK, B.S., University of Notre Dame, 1964
 DAVID JOHN CORDES, A.B., 1964
 EDWARD JOSEPH CORNILLE
 IRIS GRONER COSNOW
 FREDERICK WALTER CYCHOLL, A.B., Millikin University, 1964
 THOMAS EARL DAVIS
 DONALD WAYNE DAY, B.S., State University of Iowa, 1964
 BARBARA ANN ESCHER DE GROOTE, A.B., State University of Iowa, 1959
 CHARLES HENRY DENNIS, B.S., 1957
 STANLEY CASIMER DERESINSKI
 SUZANNE GAIL DEY, B.S., Calvin College, 1963
 ROBERT CARTER DONALDSON, with Honors; B.S., Northern Illinois University, 1964
 THEODORE DONOSKY
 JON WILLIAM DOOSE, B.S., University of Wisconsin, 1964
 COLIN STEPHEN DOYLE, with Honors; A.B., Knox College, 1964
 DAVID KEITH EDELBERG
 CHARLES CLIFFORD EGLEY
 JOHN JOSEPH FALZONE
 MICHAEL HERMAN FENN
 LARRY GEORGE FICKENSCHER, A.B., Augustana College, 1962
 RONALD E. FOLTZ, B.S., Wheaton College, 1964
 RONALD LEE FREEMAN, A.B., Washington University, 1964
 JUDITH LOIS FRIEDMAN, A.B., A.M., University of Chicago, 1960, 1962
 BRUCE MAXIMILIAN GACH, B.S., Loyola University, 1964
 ANDREW GENE GAIZIUNAS
 HOWARD KENNETH GELMAN
 GREGORY ALAN GERGANS, A.B., B.S., 1964
 BARRY HERSCHEL GOLDBERG, B.S., 1964
 LAURENCE JOSEPH GOTT, A.B., University of Notre Dame, 1964
 DOUGLAS O. GREEN, A.B., 1965
 ROBERT ALLAN GREENDALE, A.B., Northwestern University, 1964
 ALAN BAARD GRINDAL, A.B., Northwestern University, 1964
 MYRON HARASYM
 LARRY DEAN HARRIES, A.B., Monmouth College, 1964
 STEVEN CHARLES HARRIS, B.S., 1964
 ROBERT JAY HART
 JOHN CHRISTOPHER HASTINGS
 ROBERT LEROY HAZELRIGG, B.S., Illinois College, 1963
 DON RICHARD HEISER
 KENT JOHN HESS, B.S., 1964
 KERMIT DAN HOYME
 MARILYN ANN HRUBY, with Honors; B.S., Michigan State University, 1962
 BRUCE ARTHUR HYMAN, B.S., University of Wisconsin, 1964
 PHILLIP ARTHUR IMMESOETE
 WARREN DAVID JACOBS
 PHILLIP ALLEN JACOBSON, B.S., 1964
 CHESTER JOHN JANAS, JR.
 CURTIS WILLIAM JOHNSON, A.B., Drake University, 1964
 RONALD MALCOLM JOHNSON, A.B., 1965

- ROBERT HAROLD JOSEPH, B.S., Purdue University, 1964
 DANIEL PAUL JUSTUS, A.B., Wheaton College, 1964
 DAVID WILLIAM KALIES, A.B., Drake University, 1964
 SHIRLEY EVA KELLIE, B.S., Wheaton College, 1964
 JAMES RICHARD KIRKPATRICK, B.S., University of Wisconsin, 1965
 JOAN THERESA KLONOWSKI, B.S., Loyola University, 1964
 JAMES VERNON KOPP, B.S., University of Akron, 1962; M.S., 1964
 FRANK CUSTER KORANDA
 LARRY WILLIAM KREIDER, B.S., Beloit College, 1964
 DANIEL MORTON KRUSS
 DAVID PAUL KUTER, B.S., Stanford University, 1964
 VICTOR JOSEPH LANZOTTI
 CHARLES JOHN LARSON, B.S., Denison University, 1964
 NORMAN LAVIN, B.S., Roosevelt University, 1961
 JEREMY ALLAN LAZARUS, A.B., Northwestern University, 1964
 DAVID L. LEVIN, B.S., 1963
 RICHARD MARK LEVIN, A.B., Miami University, 1964
 HOWARD BRUCE LEVY, B.S., 1963
 SHARON FERDMAN LIBIT
 ROBERT ARON LIEBERMAN, A.B., Columbia University, 1964
 KENNETH CHARLES LINDAHL
 DAVID JONATHAN LINDERT
 LARRY GENE LINDOW, A.B., Blackburn College, 1964
 KENNETH ARTHUR LORENZ
 JULIE ADAMS LUKEN
 ARTHUR NORMAN LURVEY, A.B., A.M., University of California, 1963, 1964
 ALLAN TESSLER LUSKIN, B.S., 1964
 ELLIOT ARTHUR MAGIDSON, B.S., 1965
 JAMES ROBINEAU MARGOLIS
 DAVID AVILA MARTINEZ, A.B., Southern Illinois University, 1963
 MICHAEL JOSEPH MAXIMOV, B.S., 1964
 HAROLD JOSEPH MCBRIDE
 FREDERICK JOHN MERCHANT, B.S., 1963
 MARTIN BENJAMIN MEYERSON
 JACK MILTON MILLER, A.B., North Central College, 1964
 EDWARD PATRICK MONNELLY, B.Ph., A.M., University of Notre Dame, 1958, 1959
 VERNON JOHN MOORE, JR., B.S., Loyola University, 1964
 GARY BEN MORRIS, A.B., 1965
 MORTON CLARIDGE MORRIS, A.B., Murray State College, 1962
 RONALD IRWIN MOSS
 DANIEL ARCHIBALD NACHTSHEIM, JR., A.B., Washington University, 1964
 BERNARD ANTHONY NEMCHAUSKY, B.S., 1964
 JAMES LOUIS NEWMAN, A.B., Northwestern University, 1964
 SALLEY REGGEL OAKES, A.B., Denison University, 1965
 RICHARD LEON OLSEN, B.S., University of Wisconsin, 1964
 DONALD PALMER, A.B., Washington and Lee University, 1964
 JACKIE KAY PERSHING
 PETER ALEX PERSTOFF, JR., B.S., DePaul University, 1964
 BRIAN H. PINE, A.B., 1964
 THOMAS EUGENE PORTER
 JAMES SAM POULOS
 IZOLDA MARIA BENDORAITIS RADVILA
 PAUL RAYMOND RADWAY, B.S., Michigan State University, 1964
 RUTH ANN GODWIN RAMSEY, B.S., University of Wisconsin, 1965
 RICHARD BRUCE RESSMAN, B.S., 1965
 PAUL ROY RICE
 JAMES LOUIS ROSCETTI, B.S., St. Louis University, 1964
 ARTHUR HAROLD ROSSOF
 ROBERT MERTON ROY, JR., B.S., Northern Illinois University, 1963
 SAMUEL BURTON RUSH
 GWENDOLYN LOUISE BOYD SCHMIDT
 WILLIAM HERBERT SCHULTZ, A.B., Northwestern University, 1964
 MICHAEL PAUL SCHWARTZ
 KARL LEE SCHWIESOW, B.S., 1965
 SUMNER SEIGLE SEIBERT
 JAMES ALLAN SERWATKA, B.S., Loyola University, 1964
 CHARLES EARL SETEN III, A.B., Southern Illinois University, 1964
 JERROLD EDWIN SHAPIRO
 ROCHELLE NATALIE SHAPIRO
 SANFORD JACK SHATTIL, with Honors; A.B., 1965
 GERALD WALTER SHAY, A.B., St. Mary's College, 1964
 DAVID ALLAN SHNEIDER
 NAOMI ANN SIDELL, B.S., Loyola University, 1964
 THOMAS PAUL SLOAN, A.B., Wabash College, 1964
 BURKE WILLIAM SMITH, A.B., University of Chicago, 1964
 WILLIAM ROAN SMITH II
 ERIC CHRISTIAN SORENSEN
 WILLIAM ROBERT STEARNS, B.S., 1964
 NOAH LELAND STILL
 GARETH WILLIAM STRAND, A.B., Augustana College, 1964
 STEVEN LOOMIS STROUP, B.S., Southern Illinois University, 1961

- FRED STULP, B.S., Calvin College, 1965
 RAYMOND NESTER SWEENEY, B.S., St. Louis University, 1966
 DIANE MARIE TATE, B.S., Mundelein College, 1964
 STUART ALAN TERRY, with Honors
 CAMERON JOHN THOMSON, B.S., Loyola University, 1964
 PATTI JAYNE TIGHE, B.S., Mundelein College, 1964
 CLAUDIO TORRES
 THOMAS STANLEY TYSZKA
 ROGER GENE UNZICKER, A.B., Goshen College, 1961; M.S., 1964
 ROBERT JOSEPH VALKO, A.B., 1964
 WILLIAM WAYNE VAUGHT, Jr.
 SAULIUS JOSEPH VYDAS, A.B., Bowdoin College, 1960; M.S., University of Michigan, 1963
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 CHARLES TAYLOR WALTER, Jr., B.S., 1964
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 RICHARD WALTER WELCH, B.S., 1964
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 GARY EARL WILSON, A.B., Olivet Nazarene College, 1963
 MICHAEL HOWARD WINER
 FREDERICK EDWARD WOHLBERG
 MARTIN EDWARD ZADIGIAN, B.S., Northern Illinois University, 1963
 THOMAS JAY ZIMMERMAN, B.S., 1964

SCHOOL OF ASSOCIATED MEDICAL SCIENCES

Degree of Bachelor of Science in Medical Art

- JULIA HOUSER ALLEN
 LEWIS DAVID GOLDSTEIN
 JANE ANN HURD, with Honors
 STEWART BRUCE LEAVITT
 DAVID MICHAEL MARINELLO

Degree of Bachelor of Science in Medical Record Administration

- VICKIE LYNN APPEGATE
 VIOLETTA DIANA AUKSTAKALNIS
 CAROLYN RUTHETTA BANKS
 BONNIE MARIE BONVICINI
 LESLIE JOAN FEIT
 LESLIE ANN FOX
 ELAINE INEZ GORELIC
 ALICE KATHARINE JONES
 CHARLOTTE VIVIAN REED
 JUDITH VIVIAN ROSEN
 MARY TALIA SHEEHY
 RHONDA JEAN SILVERSTONE
 LAURA ELLEN STRICKLER
 KAREN JOYCE WALLBAUM

Degree of Bachelor of Science in Medical Technology

- NIKI ANDREWS
 FRANCINE MARY BROSKA
 VICKI COOPER
 RICHARD THEODORE FEIFAR
 IRENE NADIA FOROWYCZ
 CAROLYN SUE GANGER, with Honors
 JEANETTE MARIE GOLDBERG
 DONNA MARIE HYPKE
 JAMES RICHARD LYNN
 DANGUOLE ANGELA MACKEVICIUS
 HARRIETT GENE RUBIN
 JUDITH ANN SCHETTLER

Degree of Bachelor of Science in Occupational Therapy

- JOAN MARIE VINING BAHL
 SANDRA LEE BERGER
 HELEN LOUISE BOWEN
 JOHN HERBERT BROUGH
 KATHLEEN ELIZABETH MELLOR CAIN
 RHONDA YOELIN HART
 LYNN ANNETTE JAEGER
 ELIZABETH LEE JUPP
 JANE LETSINGER
 LUELLA JANE MCCARTNEY
 JUDY CAROL PAYNE
 CORRIE ALAN SCHULTZ
 BILLIE JEAN WOLF

COLLEGE OF NURSING

Degree of Bachelor of Science in Nursing

- SUSAN ROBINSON AYERS
 SABINA VERONICA BARZDA
 CAROLYN LUCILLE BATES
 ADELE JOSEPHINE BLANCO
 ALICE JEAN HENNING BONICK
 SHARYN ELAINE BOOTH
 CHERYL LEE BOWLES
 PATRICIA ANN WERTZ BREMER
 BROOKE BRINKER
 CAROLE ANN BURGER
 LOIS ELAINE CARLSON
 HEDY JEAN SCHOEMAN CIOCCI

JEANNINE ANN CLUTS
 LINDA SUE COMER
 MARCIA DARRELEE CRUTHIS
 JUDITH MARY DULLE
 MARILYN SUE FAHNSTROM EAGLE
 KAREN ELAINE ECKSTEIN
 JUDITH ANN EGAN
 MYRA MIRIAM FARR
 KAY ETTA FRAULINI
 SUE ANN FREIDINGER, with Honors
 JUDITH ELLEN GLAUDE
 ELLEN JANICE ALBRIGHT GRIFFIN
 LOIS ANN KAZMIER HALSTEAD
 DORIS ELAINE HARMS
 MARLENE TRUDY HORWITZ
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 JUANITA EILEEN CARROLL MUNDY

CAROL ANN MUNNO
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 SHARON ELEANOR ROSE, B.S., Wheaton College, 1963
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 SANDRA MARLENE SCHROEDER
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 DEBORAH KAY SEIFER SEESKIN
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 JUDITH SHARON DORFMAN SIDELL
 TONI LEE SUSIE
 BRIGITTE MARGARET TARALDSEN
 ROSALIE MARY TRAGARZ
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 JUDITH LEE WESTPHAL
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COLLEGE OF PHARMACY

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SKIPPER ANDRADE
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 ROGER LOUIS BERMAN, B.S., Northwestern University, 1963
 LYNN MARIE BERTOLLI
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 MAN MING ROBERT CHEUNG, B.S., Wisconsin State University, 1965
 JAMES FRANK CNOTA
 GAIL ANDREA MEEKER CODY
 WILLIAM CHARLES CODY
 HARVEY GILBERT COHEN, B.S., 1965
 RAMONA MARIA DACZYSHYN
 TERENCE ARTHUR ECK
 ROBERT RUSSELL ENGELDAHL
 WILLIAM HAROLD FEIGENBAUM
 THOMAS EDWARD FILIPEK
 GERALD HOWARD FOHRMAN
 MICHAEL DAVID FRIEDMAN
 KEITH ALAN GAEDE
 MICKEY EUGENE GLASCO
 RICHARD BARRY GOLDIN
 WILLIAM RAY GRAFFIS

RONALD RICHARD GRUDZIEN, B.S., College of St. Thomas, 1965
 GARY ALAN HALUSKA, with High Honors
 ROBERT CARL HEILMAN
 LAWRENCE DAVID HORK
 DENNIS MARVIN JACOBSON, with High Honors
 DONALD EUGENE JARMACZ
 STEPHEN EDWARD JOHNS
 CARY EDWIN JOHNSON, with High Honors
 OLIVER DALE JONES
 JANIS HIROKO KABA
 LARRY GENE KEPELY
 BRUCE DAVID KIMBLE
 BARBARA SUZANNE JANIK KLICPERA
 JAMES ANTON KLICPERA, with Honors
 ARTHUR BRIAN KOENIGSBERGER
 ORYSIA THERESA KOSSAK
 CRAIG GEORGE KUULTZO
 MARTHA ROMANA KULYCKY
 PAUL ANDREW LASKAR, A.B., University of Rochester, 1965
 CONSTANCE MARIE LIPINSKI
 FERNANDO G. LLAGON, JR.
 EDMUND MICHAEL LOMASNEY
 HENRI RICHARD MANASSE, JR.
 RONALD EDWARD MARONDE
 GEORGE GILMARY MARONIC
 MARY FRANCES MATHENY

JEFFREY GEORGE MATYAS, B.S., St. Procopius College, 1964	LAWRENCE SHELDON STERN
JOHN MARK MCBRIDE	LARRY ALLEN STERNSON
ADRIENNE LYNN MEINKE	MELVIN ARNOLD STEWART
STEPHEN JAY MEYEROVITZ	GEORGE WILLIAM STREIN, JR.
CARMELITA MARIE SCAFURI MOCZYNSKI	JOSEPH ANTHONY SULA
CHARLES DAVID NESS	JERARD MITCHELL SUTTIN
NEAL OLIFF	GLENN ROBERT VANN
RICHARD DEAN OLUFS, with Honors	SCOTT BURTON VAN VLYMEN
CHARLES GREENLEE OWENS	CHARLES RAYMOND VISOCKIS
JOHN JEROME PECENIAK	RICHARD CHARLES VISONA
JANET BARBARA PIERCE	MARVIN MAX WEINSTEIN
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NICHOLAS GABRIEL POPOVICH	LEE ELLEN LARSON WEST
DUANE PATRICK REIDY, B.S., Loyola University, 1965	LESLIE HOWARD WILES, A.B., Cornell College, 1964
VAIDLUTE MARIJA RUBAS	DAVID DANIEL WILLIAMS
ROBERT HARRY SCHULTZ	ROBERT MARVIN WISHNER
DENNIS SIDNEY SENDER	FRED MICHAEL WLODARSKI, with High Honors
EDWARD DEWITT SMITH, B.S., Eastern Illinois University, 1965	JOANNE WOOD
WILLIAM EDWARD SNYDER	STUART JIRACEK ZIMMERMAN
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URBANA-CHAMPAIGN

Degrees Conferred June 15, 1968

HONORARY DEGREES

Degree of Doctor of Music

GUNTHER SCHULLER

Degree of Doctor of Science

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In Accountancy

YUKIO FUJITA, B.A.Com., M.Com.Sc., Waseda University, 1957, 1959

MOHAMED SABRY MOHAMED EL-TAYIB HEAKAL, B.Com.(Hons.), Cairo University,
1960; M.S., 1965BARRY EMMETT HICKS, B.Com., University of Toronto, 1956; M.B.A., McMaster
University, 1966PIANCHAI NINSUVANNAKUL, B.Sc.Com., B.Sc.B.A., B.Soc.Ad., Thammasat Uni-
versity (Thailand), 1959, 1959, 1960; M.A.S., 1966

KARL FREDERICK SKOUSEN, B.S., Brigham Young University, 1965; M.A.S., 1966

In Aeronautical and Astronautical Engineering

ALLISTER FRANCIS FRASER, Sc.B., Sc.M., Brown University, 1954, 1962

ROBERT HAUSCHILD LIEBECK, B.S., M.S., 1961, 1962

*In Agricultural Economics*GORDON EDWIN RODEWALD, JR., B.S.Ag., M.S.Ag.Ec., Montana State College, 1959,
1960MANU SEETISARN, B.Soc.Ad., University of Thammasat, 1956; B.S., Kasetsart
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1966JOSEPH MICHEL VANDEPUTTE, Ingr. Agronome, Catholic University of Louvain
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In Agronomy

- DALE RAY HICKS, B.S., M.S., 1960, 1966
 JAGDISH PRASAD SHRIVASTAVA, Assoc.Dipl., Indian Agricultural Research Institute, 1950
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 ROBERT LEWIS WARNER, B.S., M.S., University of Minnesota, 1962, 1964

In Animal Science

- MOHAMED HILMY MOSELHY SALEM, B.S., Ein Shams University, 1958; M.S., University of Wisconsin, 1962
 GERALD THOMAS SCHELLING, B.S., M.S., 1963, 1964
 RICHARD JAMES VATTHAUER, B.S., M.S., 1960, 1962

In Anthropology

- MURIEL KAMINSKY CRESPI, B.A., Brooklyn College, 1959; M.A., Columbia University, 1962
 JUDITH ANN NAGATA, B.A.(Hons.), University College London, 1961; A.M., 1963
 JOSEPH WALTER WHITECOTTON, A.B., University of Miami, 1959
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In Astronomy

- LEO VERN STANDEFORD, B.S., M.S., Indiana State Teachers College, 1958, 1959; M.S., 1964

In Biology

- PATRICIA GILLAM CALARCO, B.S., George Washington University, 1961; M.S., 1965

In Biophysics

- HARRY FRED DOWNEY, B.S., M.S., University of Maryland, 1961, 1964
 JAMES MARTIN REDENBO, B.S., M.S., University of Toledo, 1960, 1964
 JUDITH ANN OLDHAM WILLIAMS, A.B., Indiana University, 1961; M.S., Purdue University, 1964

In Business

- HEM CHAND JAIN, B.A., LL.B., University of Delhi, 1948, 1952; M.S., 1958
 HERBERT LEON ROSS, B.S.Ed., Western Illinois University, 1951; M.A.Ed., Washington University, 1958
 MELVIN JOSEPH STANFORD, B.S., Utah State University, 1957; M.B.A., Harvard University, 1963
 JOHN RAYMOND SWANDA, JR., B.S., Midland College, 1959; M.A., University of Nebraska, 1963

In Ceramic Engineering

- PETER DEAN SHALEK, B.S., 1954
 ROBERT JOHN SMID, B.S., M.S., 1962, 1965

In Chemical Engineering

- RONALD BRADLEY ROOT, B.S., Clarkson College of Technology, 1964; M.S., 1966
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In Chemistry

- BOBBEY KAYE WHITENTON BAYLIS, B.S., Duke University, 1961; M.S., 1963
 DOUGLAS TOWNSEND BROWNE, S.B., Massachusetts Institute of Technology, 1964
 CAROL CLEM CUNNINGHAM, B.S., M.S., Oklahoma State University, 1961, 1963
 DONALD JUDE DARENSBOURG, B.S., California State College at Los Angeles, 1964
 MARTIN BENJAMIN DINES, B.S., Carnegie Institute of Technology, 1964
 TROYL DAVID EPLEY, B.S., University of North Carolina, 1962; M.S., 1965
 ERNEST STANLEY GORE, B.Sc., University of Toronto, 1964; M.S., 1966
 JOHN ROBERT HANSEN, B.A., University of Oregon, 1963
 ZENOWIE MICHAEL HOLUBEC, A.B., Western Reserve University, 1960; M.S., John Carroll University, 1964
 SANDRA ANN SHEPHERD, B.S., Purdue University, 1963; M.S., 1965
 DAVID LLOYD VANDER HART, A.B., Calvin College, 1963

In Civil Engineering

- ALEX CARDENAS ENRIQUEZ, B.C.E., Universidad Nacional de Ingenieria (Peru), 1963; M.S., 1965
 ROBERT LEON CARTER, B.S., University of Nebraska, 1963; M.S., 1964
 BRUCE MITCHELL COWAN, B.S., United States Military Academy, 1961; M.S., 1964
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 MOHAMED KAMEL GAMAL EL-DIN, B.C.E., Cairo University, 1959; M.S., 1963
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 ROBERT MARTIN ITEN, B.S.C.E., M.S.C.E., University of Washington, 1952, 1961
 JOHN PHILLIP LLOYD, B.S., M.S., 1964, 1965
 JAMES DANIEL PRENDERGAST, B.S., Iowa State University of Science and Technology, 1963; M.S., 1965
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In Communications

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In Computer Science

- FONTAINE KELLEAM RICHARDSON, B.S., M.S., University of Arkansas, 1963, 1964

In Dairy Science

- JOSEPH PAUL HEGMANN, B.S., M.S., 1962, 1966
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In Economics

- HENRY JAMES CASSIDY, B.S., Carroll College, 1965; A.M., 1966
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 STEPHEN MALCOLM GILLIS, B.A., M.A., University of Florida, 1962, 1963
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In Education

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 HARVEY LYNN ELDER, B.A., M.A.Ed., Murray State College, 1955, 1957; A.M., 1961
 THOMAS JAMES KAMPWIRTH, B.S., 1958; M.A., DePaul University, 1963
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 WILLIAM EARL MAYBERRY, A.B., Washington University, 1959; M.S., Southern Illinois University, 1963
 JOHN WILLIAM MCLURE, B.S., University of Alabama, 1956; A.M., 1962
 SUSAN KLEIN SHUSTER, B.A., University of Rochester, 1962; M.Ed., Boston University, 1964
 SISTER LOIS MARIE VANDERBEKE, A.B., Dominican College, 1960; M.S., Marquette University, 1962
 JOSEPH WILLIAM THOMSON, B.A., Trenton State College, 1961; A.M., 1966

In Electrical Engineering

- EDWARD STEINBERG DAVIDSON, A.B., Harvard College, 1961; M.S., University of Michigan, 1962
 MILO REED JOHNSON, B.S., M.S., 1964, 1965

DONALD HARRY KELLY, B.Sc., M.Sc., University of Alberta, 1954, 1956
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 CHI-SHENG LIU, B.S.Eng., National Taiwan University, 1957; M.S.E.E., West Virginia University, 1962
 STEPHEN JOHN NUSPL, B.A.Sc., Assumption University of Windsor, 1963; M.S., 1964
 PEDDAPULLAIAH SANNUTI, M.Tech., Indian Institute of Technology, 1965
 ROBERT GERALD STEFANEK, B.S.E.E., M.S.E.E., Wayne State University, 1963, 1965

In English

FRANK EDWARD LA ROSA, A.B., A.M., University of Miami, 1961, 1963
 BERNARD ROSENTHAL, B.S.Ed., Pennsylvania State College (Millersville), 1955; A.M., Seton Hall University, 1964
 MARY ELIZABETH RUCKER, B.A., South Carolina State College, 1958; M.A., Atlanta University, 1959
 MARY ELIZABETH MERRILL WIGHT, B.A., Principia College, 1950; M.A., University of North Carolina, 1956; A.M., 1961

In Entomology

ROGER FRANKLIN FLATTUM, B.A., Winona State College, 1963
 WILLIAM JUNIOR PATTERSON, B.S., Kansas State University, 1949; M.P.H., Tulane University, 1958
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 MARIA CONSOLACION ROSALES RONQUILLO, B.S., University of the Philippines, 1950; M.S., 1966

In Finance

ROBERT ARTHUR HAUGEN, B.S., M.S., 1965, 1966

In Food Science

LESLIE BLUHM, B.S., University of Massachusetts, 1963; M.S., 1967
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In French

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 AGNES RUTH PORTER, B.A., Marshall University, 1954; M.A., Western Reserve University, 1958
 TIMOTHY JAMES REISS, B.A., Manchester University, 1964; A.M., 1965

In Geology

RICHARD FLOYD COON, B.S., M.S., Syracuse University, 1958, 1960
 ANDREW HUTCHEON MERRITT, A.B., Earlham College, 1962; M.S., 1965
 GEORGE FRANCIS PINDER, B.Sc., University of Western Ontario, 1965
 PAUL LLOYD PLUSQUELLEC, B.A., College of Wooster, 1963; M.S., 1966

In History

CARROLL FRANCIS VAN DEVENTER, B.S., A.M., 1938, 1942

In Home Economics

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In Marketing

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 CHARLES EMERY ROBERTS, JR., B.S., Indiana State College, 1964; M.S., 1965
 RALPH EDWIN SHOWALTER, B.S.A.M., M.A.M., University of North Carolina, 1964, 1965
 ROBERT GEORGE STAUDTE, JR., A.B., Sc.B., Brown University, 1963, 1963; M.S., 1964
 WILLIAM RICHARD TROTT, B.A., M.A., University of Mississippi, 1952, 1953

In Mechanical Engineering

- EUGENE FRANCIS BROWN, B.S., University of Wisconsin, 1963; M.S., 1964
 RATEB JABER EL-ASSAR, B.M.E., Cairo University, 1960; M.S.M.E., Bucknell University, 1964
 FLOYD CORLISS HAYES, B.S., M.S., 1962, 1963
 ALAN OTTO LEBECK, B.S., M.S., 1964, 1965
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In Metallurgical Engineering

- CHARLES CURTIS DOLLINS, B.S., M.S., 1964, 1965
 WEI TONG SHIEH, Grad., Taiwan Provincial Taipei Institute of Technology, 1955; B.A.Sc., University of Toronto, 1961; M.S., 1963

In Mining Engineering

- HANS PULPAN, Dipl.Ingr., Montanistische Hochschule Leoben, 1961; M.S., 1964

In Musicology

- ROBERT JOSEPH SNOW, B.Mus., M.A., Indiana University, 1949, 1956

In Nuclear Engineering

- EDWARD MICHAEL BOHN, B.S., M.S., 1963, 1965
 PRATAP KILACHAND DOSHI, B.S., University of Rangoon, 1961; M.S., 1963
 JOSEPH EDWARD HERCEG, A.B., Washington and Jefferson College, 1963; M.S., 1964
 HAROLD ALBERT KURSTEDT, JR., B.S., Virginia Military Institute, 1961; M.S., 1963
 GENN SAJI, B.S., Yokohama National University, 1961; M.S., 1964
 WILLIAM EDWARD VESELY, JR., B.S., Case Institute of Technology, 1964; M.S., 1966

In Philosophy

- RICHARD LEE CORLISS, A.B., Taylor University, 1954; B.D., Northern Baptist Theological Seminary, 1957; A.M., 1959

In Physical Education

- MICHAEL JOHN ELLIS, Dipl., Loughborough Training College, 1959; M.S., 1965
 JOSEPH FERNAND LANDRY, B.A., Laval University (Canada), 1952; B.Sc., University of Ottawa (Canada), 1954; M.S., 1955
 WILLIAM JOHN PENNY, B.S., Brooklyn College, 1961; M.S., 1962
 ARNOLD ALLAN SHUSTER, B.A., B.Com., Sir George Williams University, 1954, 1955; M.S., Indiana University, 1966
 MARY HOKE SLAUGHTER, B.S., University of North Carolina, 1956; M.S., 1959

In Physics

- THOMAS LYNCH BOHAN, B.S., University of Chicago, 1960; M.S., 1964
 JAMES ALAN BORDERS, B.A., Reed College, 1963; M.S., 1965
 JON ROSS CARLSON, B.S., Montana State College, 1962; M.S., 1964
 DONALD FRANK GREYER, B.A., Miami University, 1962; M.S., 1964
 JON THOMAS HOLDER, B.S., Lamar State College of Technology, 1962; M.S., 1964
 LAWRENCE GRAY KING, A.B., Harvard College, 1964; M.S., 1965
 ALFRED ADAM KUGLER, B.Sc., McMaster University, 1962; M.S., 1963
 JAMES STAVERT LOOS, B.S., University of North Dakota, 1962; M.S., 1963

RAM KISHORE SHARMA, M.Sc.(Hons.), Panjab University, 1960; M.S., Harvard University, 1965

VICTOR G. STOTLAND, B.S., Illinois Institute of Technology, 1962; M.S., 1963

JACK BERNARD SWIFT, B.S., University of Arkansas, 1963; M.S., 1965

ROY CANNON THATCHER, B.S., Stanford University, 1961; M.S., 1963

CURTIS ARTHUR WAGNER, B.A., University of Wisconsin, 1960; M.S., 1961

In Political Science

JOHN GABRIEL FRASER, A.B., A.M., 1963, 1965

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In Psychology

RUDOLF GUSTAV BREITMEYER, B.A., Lewis College, 1963

PRISCILLA ANN CAMPBELL, B.A., Stetson University, 1963

MARILYN GOLES HUNTER, A.B., A.M., 1961, 1964

HARRY GEORGE MURRAY, B.A., M.A., University of Western Ontario, 1961, 1963

VICTORIA RUX SEITZ, B.A., M.A., University of Denver, 1962, 1963

TERRY JACK SPENCER, B.S., Michigan State University, 1963; M.A., University of Toledo, 1965

In Russian

BORYS BILOKUR, A.B., Temple University, 1959; A.M., 1961

In Sanitary Engineering

MACKENZIE LEO DAVIS, B.S., M.S., 1964, 1965

ROGER MILES JORDEN, B.S., University of Texas, 1959; M.S., University of Arizona, 1962

VEERASAMY KOTHANDARAMAN, B.E., University of Madras, 1954; M.S., 1965

In Spanish

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SANDRA MESSINGER CYPRESS, B.A., Brooklyn College, 1963; M.A., Cornell University, 1965

ARNOLD MCCOY PENUEL, B.A., University of Tennessee, 1958; M.A., University of the Americas, 1963

In Speech

RICHARD LEE BENSON, B.A., University of California at Los Angeles, 1958; A.M., 1962

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In Theoretical and Applied Mechanics

PATRICK LARY CORBIN, B.A., Loras College, 1962; B.S.M.E., University of Iowa, 1962; M.S., Virginia Polytechnic Institute, 1965

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JOHN LEONARD SCHLAFFER, B.S.(Agr.), B.S.(Agr.E.), M.S., 1963, 1963, 1965

FRANK ROBERT VIGNERON, B.E., M.Sc., University of Saskatchewan, 1962, 1964

In Veterinary Medical Science

MARVIN THEODORE CASE, B.S., D.V.M., M.S., 1957, 1959, 1964

JAMES DONALD CONROY, D.V.M., Ohio State University, 1960

CHARLES ROBERT ROSSI, B.S., D.V.M., 1954, 1956; M.S., Ohio State University, 1964

PAUL LUTHER TAYLOR, B.S., Kentucky State College, 1949; D.V.M., Tuskegee Institute, 1955; M.S., 1966

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In Zoology

RICHARD DAVID KREUTZER, B.S., M.S., 1963, 1965

RICHARD GLENN NORTH CUTT, A.B., Millikin University, 1963; M.S., 1966

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Degree of Doctor of Education*In Education*

NORMAN CHARLES ASHCRAFT, B.S., Ed.M., 1958, 1958
 THOMAS LEO MCGREAL, B.S.Ed., M.S.Ed., Southern Illinois University, 1961, 1962
 BARBARA WALKER MORGAN, A.B., M.Ed., University of South Carolina, 1947, 1959
 WILBER DEAN SIMMONS, B.S., M.S., 1949, 1951; M.A., Bradley University, 1964

In Music Education

JOE NORMAN PRINCE, B.M.E., B.M., Murray State University, 1959, 1960; M.S., 1964
 MARVIN JACK RABIN, A.B.Ed., University of Kentucky, 1939; M.M., University of Rochester, 1948

Degree of Doctor of Business Administration

KENT BOURDON MONROE, B.A., Kalamazoo College, 1960; M.B.A., Indiana University, 1961

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BARBARA ALLEN CROCKETT, B.A., M.A., Brigham Young University, 1959, 1961

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STEPHENIE KAM-JEAN SETO LEVIN, B.A., Ohio State University, 1965
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In Art Education

NADINE JOY MEYERS, B.A.E., School of the Art Institute of Chicago, 1965
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In Comparative Literature

PAULETTE BESSAC, Licence es Lettres, Universite de Toulouse, 1963
 MARIE-ANTOINETTE RIMOND BOJANOWSKI, Licence, University of Paris, 1966
 CHRISTOPHER JOHN KERTESZ, B.A., Hobart College, 1966
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 VIRGINIA LOUISE WERTS TAYLOR, B.A., DePauw University, 1965

In Dance

RONALD LEE BUNKER, B.A., Kent State University, 1964
 CAROL ELAINE CAPOTOSTO, B.S., New York University, 1966

In Economics

WILLIAM BRUCE GLENNON, A.B., Stanford University, 1962
 REGINA KERNAN STEPHAN, B.S., Johns Hopkins University, 1951
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In Education

RACHEL AJZEN, B.A., Hebrew University, 1967
 STEPHEN FRANCIS FOSTER, B.A., San Francisco State College, 1964
 GARY GRUBER FRITZ, B.A., University of Wisconsin, 1949
 HARLAN NEIL HENSON, A.B., 1966
 SUSAN VENDELBOE LOGAN, B.A., Florida Atlantic University, 1965
 CAROL ANN MARKOVITS, B.A., Thiel College, 1964
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In English

KATHERINE LUSSKY ADAM, B.A., University of Arkansas, 1956
 LOIS EILEEN EARHART BENSON, A.B., 1966
 KATHRYN LOUISE BOHSTEDT, B.A., Cornell College, 1963
 REBECCA COHENOUR, A.B., MacMurray College, 1967

BARBARA SUE EASTWOOD, B.A., Kentucky Southern College, 1966
 RAYMOND STEPHEN FARRAR, B.A., St. Mary's College, 1961
 WARREN BRYAN FUERMANN, B.A., Northwestern University, 1966
 NANCY ANNE HEUSINKVELD, B.S., University of Wisconsin, 1965
 WILLIAM PETER HILEMAN, A.B., Boston University, 1965
 ANDREA FARE JONES, B.A., University of California (Riverside), 1967
 BIRUTE JASAS KRAINAS, A.B., 1966
 LUBOMYRA JOAN KUTKO, A.B., 1965
 PATRICIA HANLON MCHUGH, B.Mus., Briar Cliff College, 1966
 DAVID HARVEY MICKEY, B.A., Kansas State University, 1966
 CAROLYN PLATT NEWMAYER, B.A., Carleton College, 1965
 JANE CHANCE NITZSCHE, B.A., Purdue University, 1967
 JANET DOREEN OLIVER, B.A., Oregon State University, 1967
 WILLIAM DONALD PAYNE, B.A., Kentucky Southern College, 1967
 KATHLEEN ANN QUINN, A.B., Marquette University, 1965
 ROBIN RAE RICE, B.A., University of Houston, 1966
 DANIEL PAUL ROBERTO, JR., B.A., University of Notre Dame, 1966
 GERALDINE LOUISE SESAK, B.A., Seton Hill College, 1967
 JOHN FREDERICK TAYLOR, A.B., 1966
 NANCY JANE VAN METER, B.A., Lawrence College, 1962

In French

BERNICE STENMAN MELVIN, B.A., Western Washington State College, 1966
 LINDA DALE BUTTS MURPHY, B.A., Old Dominion College, 1965
 GILLIAN MARY REED, B.A., University of Cambridge, 1967
 CHRISTINE CLEELAND REITER, B.A., Carleton College, 1966
 TATIANA SUCHOVY, A.B., 1966

In Geography

AUGUST ROBERT DEMMA, B.S.Ed., Illinois Teachers College, Chicago-South, 1966
 TIMOTHY ALBERT LEWIS, A.B., Ohio University, 1966

In German

HAROLD CLARK FELTY, A.B., University of Michigan, 1964
 ROSEMARY BIRKY HOFFMANN, B.A., University of North Carolina (Greensboro),
 1965
 JOHN ANDERSON HOWARD, B.A., University of Oregon, 1966
 JUDITH ANN LANGBEHN, A.B., Indiana University, 1965
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In Greek

RONALD EUGENE HEINE, A.B., M.A., Lincoln Bible Institute, 1961, 1963

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SHARON ZAYE ALTER, A.B., 1966
 RONALD HERBERT ANDERSON, B.A., Knox College, 1967
 JOHN HERBERT CORDULACK, B.S., Illinois State University, 1966
 DAVID FREDERICK FENSTER, B.A., City College of New York, 1967
 DAVID MASTON GENTRY, A.B., DePauw University, 1963
 GALE I. GRAN, B.S., 1966
 JOANNE MISCIONE HADLOCK, B.A., St. Joseph's College for Women, 1967
 RAYMOND SAMUEL JAMES, A.B., 1967
 ROBERT GEORGE MARTIN, B.S., Southeast Missouri State College, 1967
 JAMES EDWARD MILLER, A.B., Wheeling College, 1967
 BRUCE HENRY OLSEN, A.B., 1964
 FRANCES DALY QUINN, B.S.Ed., Wheelock College, 1952
 NANCY CHARLOTTE ROBERTS, A.B., 1967
 ROBERT LELAND WAGNER, A.B., 1965

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JOHN FREDERICK ALTENBURG, B.S., Wisconsin State University (Stevens Point),
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 HENRY QUINN ANDERSON, A.B., Monmouth College, 1966
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 JAMES IGNATIUS FOLEY, B.A., University of Notre Dame, 1964

ANNE CAREY GREEN, B.S., LeMoyné College, 1966
 LARRY LEE HEYEN, B.A., Blackburn College, 1966
 JAMES CHARLES HUBBARD, B.A., Lycoming College, 1966
 ROBERT SIMMS KEITEL, B.A., University of Colorado, 1966
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RICHARD JOHN JOLLY, A.B., 1967
 YOUNG JA YOON, B.A., Ewha Womans University, 1963; M.Ed., University of Delaware, 1966

In Mathematics

R. BRUCE ANDERSON, B.S.Ed., Midland College, 1964
 MARY ELLEN ARNOTT, B.S., Madison College, 1963
 HARDIN NELSON BILLINGSLEY, B.S., Troy State College, 1964
 NOEL RAY BOATZ, B.S., Eastern Illinois University, 1955
 GLORIA CUMAGUN BULAN, B.Sc., University of Santo Tomas, 1956
 LLOYD ELLWOOD CHAMBLESS, B.A., University of Florida, 1964
 ROBERT ARTHUR DILLON, A.B., Wheaton College, 1963
 ELAINE FRANCES DINKLAGE, B.A., Wartburg College, 1964
 LAWRENCE PAUL ENDO, A.B., Cornell University, 1967
 DORIS EVELYN FEHR, B.S., Wisconsin State University (Eau Claire), 1964
 LAURA VACHET FISCHER, B.S., Indiana University, 1964
 ETHEL EILEEN FORSYTHE, B.S., Miami University, 1964
 MADISON HUBERT FRUIT, B.S., Wisconsin State University (Platteville), 1965
 TERENCE PATRICK GARRITY, JR., B.A., Moravian College, 1962
 BEVERLY ANN GULICK, B.A., Millikin University, 1962
 JAMES MURTEN HESS, B.S., Oregon College of Education, 1964
 JOSEPH DONALD HIBBARD, B.A., Blackburn College, 1966
 ROSE MARIE JOHNSON, B.S., Longwood College, 1961; M.Ed., Loyola University, 1966
 KENNETH JEAN KOFTAN, B.S., Kansas State Teachers College, 1963
 THEODORE WALTER KRAMME, B.S., Southern Illinois University, 1963
 DONALD JAMES LOKER, B.S., University of Wisconsin, 1963
 RALPH EUGENE LONG, B.S., Oklahoma State University, 1964
 CHARLES GILBERT LOVE, B.S., Illinois State University, 1961
 FRANK WILFORD MONTGOMERY III, B.A., University of Louisville, 1967
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 THOMAS WENDELL OSCOOD, B.A., Michigan State University, 1966
 HUGH FRANCIS OUELLETTE, B.S., Western Montana College, 1964
 MICHAEL ANTHONY PENNA, B.S., Union College, 1967
 THOMAS RAYMOND PEZZULLO, Ed.B., Rhode Island College, 1964
 IVAN LEON REILLY, B.Sc., M.Sc., B.A., University of Wellington, 1963, 1964, 1966
 CHARLES PHILLIP RODRIGUEZ, A.B., Colorado State College, 1963
 SISTER DOROTHY FRANCIS CANTY, B.A., Fontbonne College, 1964
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In Philosophy

LARRY WEAR COLTER, JR., B.A., M.A., Colorado State University, 1961, 1963

In Political Science

BASHIR AHMAD ATEL, A.B., Kabul University, 1959
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 DENNIS RAY JUDD, B.S., Oregon College of Education, 1965
 RICHARD JAMES LA SUSA, B.S., Southern Illinois University, 1965
 HARLEY JOSEPH MACLEOD, B.A., St. Louis University, 1967
 GARY PATRICK MUREN, B.S., Illinois State University, 1966
 EMILIO ALEJANDRO ORTEGA, A.B., 1967
 GARY MELVIN YOUNG, A.B., 1963

In Portuguese

GEORGE FREEMAN SANBORN, JR., A.B., Boston University, 1967

In Psychology

JUDITH CLARE GOODRICH AYER, B.A., University of California (Los Angeles), 1963
 NANCY MAY KREIDER BARRON, A.B., Drury College, 1960
 ROSALIE HANNAH BERNSTEIN, B.A., City University of New York (Brooklyn), 1966
 THOMAS DONALD BORKOVEC, B.S., Loyola University, 1966
 MAX EDWARD BOWEN, B.S., University of Michigan, 1963
 ANNE VERONICA GORMLY, B.A., Rhode Island College, 1966
 JOHN BERNARD GORMLY, B.A., Rhode Island College, 1966
 RICHARD LIONEL HAGEN, B.Mus., American Conservatory of Music, 1961; A.B., 1964
 EDWIN CHARLES HOLLOWAY, B.A., University of Arizona, 1965
 CHARLES DUANE JOHNSON, B.S., Michigan State University, 1966
 JAMES STUART KNIPE, B.A., Lawrence University, 1966
 SAMUEL EDWARD KRUG, B.A., College of the Holy Cross, 1965
 RUSSELL MUN YU LOO, A.B., Stanford University, 1966
 RICHARD PAUL OLSON, B.A., Carleton College, 1963
 CHARITY NITZ PANKRATZ, B.A., Valparaiso University, 1966
 PAMELA ANITA REAGOR, B.A., Southern Methodist University, 1966
 JOHN LYNN RONSVALLE, A.B., Syracuse University, 1960; S.T.B., Fuller Theological Seminary, 1963
 WILLIAM RAY SMITH, A.B., Wheaton College, 1964
 JOHN CHARLES STAPERT, A.B., Hope College, 1963; B.D., Fuller Theological Seminary, 1966
 GROVER JAY WHITEHURST, A.B., East Carolina University, 1966
 KUO-SHU YANG, B.S., National Taiwan University, 1959

In Public Administration

MASARU ISONO, LL.B., University of Tokyo, 1963
 JOHN EDWARD SCHLEMBACH, B.A., DePance College, 1943; M.A., Roosevelt University, 1964

In Russian

RICHARD LYNN CHAPPLE, B.A., Brigham Young University, 1966
 FRANCES PARTHENA PARDEE, B.S., Iowa State University of Science & Technology, 1966

In Social Science

HELEN BEAM BEREITER, B.S., Kansas State University of Agriculture and Applied Science, 1954
 CHARLES SCOTT MUTTER, B.S., 1966
 BETTY JANE MCCARTY TUFFORD, A.B., Calvin College, 1943

In Sociology

GAIL ANN CRAWFORD, A.B., 1966
 ROGER ALLYN FOX, B.S., 1963
 ALEKSANDRAS KULIKAUSKAS, A.B., 1962
 DONALD ALAN NIELSEN, B.A., State University of New York (Stony Brook), 1965
 EVELYN RUBEN ROSENTHAL, B.A., State University of New York (Albany), 1955
 LAUREN HAROLD SEILER, B.S., University of New Mexico, 1965
 ZOLTAN TAR, A.B., 1965

In Spanish

BRENDA SUE COPLEY, A.B., 1966
 DELANO DEAN KRUZAN, B.S., Western Illinois University, 1960
 DIANE ROSE MAGDICH, A.B., Rutgers, The State University, 1966
 MICHELLE PAULA MARCUS, A.B., 1966
 JACQUELINE LEE ORRANTIA, B.A., Hartwick College, 1966
 RICHARD JOSEPH PAGE, B.A., Villanova University, 1966
 MIRIAM RUTH SIMON, A.B., 1967
 GUILLERMO TREVINO MARTINEZ, Missionariorum a Spiritu Sancto

In Speech

CAROL LOUISE BAUER, B.S., Northwestern University, 1967

DANIEL STARLEY BEASLEY, B.A., B.A., University of Akron, 1966, 1966
 JAMES WILBUR CROCKER, B.S., University of Cincinnati, 1965
 VERNE EARL CRONEN, A.B., Ripon College, 1963
 MARY ANN JONES, B.F.A., Illinois Wesleyan University, 1963
 KENNETH WARREN LILLQUIST, B.F.A., 1962; M.F.A., 1964
 CAROL REYNOLDS LOIS, A.B., 1966
 JUDITH ANN RIEDER, A.B., 1967
 NANCY JUDINE ROBEY, B.S., 1967
 SHARON TERRY WAXMAN STEIGMANN, A.B., 1966
 GEORGE MICHAEL WEBSTER, A.B., Indiana State University, 1965

In the Teaching of English as a Second Language

RUTH EILEEN BAUMEISTER BARTHEL, B.A., Dickinson College, 1954; M.R.E., Boston University School of Theology, 1956
 DORIS SUSAN HAMMERSCHLAG, B.S., State University of New York (Cortland), 1964
 MARY LEE NARANG, A.B., 1967
 MARY KATHLEEN SHERIDAN, A.B., 1965

In the Teaching of French

VINCENT RICHARD FALARDEAU, A.B., 1967
 DONNA LOIS PETERSON, A.B., Wheaton College, 1960
 CAROL SANFORD SCHUIT, A.B., Wheaton College, 1964
 BEVILLE GEYER VERTUNO, B.S., 1961

In the Teaching of German

EVELYN MARGARET GETZ, A.B., 1963

In the Teaching of Social Studies

JUDITH EDYTHE BEHRENDT, B.S., University of Minnesota, 1964
 DIANELLA WILLIAMS CRUDUP, B.A., Tougaloo Southern Christian College, 1965
 RONALD CLAUDE LOWERY, A.B., Knox College, 1957
 JILL HORN MARSHALL, A.B., 1967
 JOHN DAVID PAULSGROVE, A.B., 1967
 JANET MILLAR ROWLAND, A.B., Florida State University, 1950
 DAVID HARRIS SMITH, JR., A.B., 1966
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In the Teaching of Spanish

ARNOLD BERNARD LEVINE, A.B., 1967

Degree of Master of Science

In Accountancy

DAVID LESLIE MISENER, B.Com., Acadia University, 1961; B.Ed., Dalhousie University, 1962

In Advertising

THOMAS ROY BEUG, A.B., Knox College, 1966
 MARGARET MARIE PORTA, B.S., 1967
 STEPHEN GENE RILEY, B.A., Illinois Wesleyan University, 1966
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In Aeronautical and Astronautical Engineering

LARRY JAMES HOWELL, B.S., 1966
 ANDREW KLAVINS, B.S., 1963
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In Agricultural Economics

JASWANT RAI JINDIA, B.A., M.A., Panjab University, 1950, 1960
 TECK CHIN KWON, B.S., Kyungpook University, 1954

WILLITT SILVESTER PIERCE, B.S., Ed.M., 1956, 1959
RONALD CHARLES ROBERTS, B.S., 1966

In Agricultural Education

LYNN IRVIN GOSNELL, B.S., 1963

In Agricultural Engineering

ROBERT DAVID CARLSON, B.S., 1967
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In Agronomy

DOUGLAS LEON GARWOOD, B.S., 1966
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In Animal Science

JUSTIN CHARLES ARINZE, B.Sc.(Agr.), University of Ibadan, 1965
JOHN BERNARD BLESSENT, B.S., Illinois State University, 1965
LEO DALE FERRELL, B.S., 1966
HARRY CAMERON MINOR, B.S., University of California (Davis), 1962
ALBERT PAUL PETER, B.S., 1965
CHARLES EARL SASSE, B.S., 1967
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In Architectural Engineering

THOMAS DOW CRAWFORD, B.Arch., 1966
KURT DENNIS GUSTAFSON, B.Arch., 1966
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SALVATORE DANIEL PECORA, B.Arch., 1966

In Astronomy

EUGENE LEE SILLIMAN, B.S., 1967

In Biology

JAMES HOWARD ANDERSON, B.A., Illinois Wesleyan University, 1966
BARBARA LYNN PFLAUM, B.S., Western Illinois University, 1964
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In Botany

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In Ceramic Engineering

SURESH KUMAR KHANDELWAL, B.E., Banaras Hindu University, 1966
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In Chemical Engineering

PARSEG BILIR, B.S., Robert College, 1966
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JOSE EVARISTO LLANA, B.A., St. Ambrose College, 1966
MASAYOSHI MIYA, B.S.Eng., Kyoto University, 1966
FREDERICK CARSON STONE, B.S.Chem.E., Carnegie Institute of Technology, 1966
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In Chemistry

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 BIMAL NARESH GANGULI, B.Sc., M.Sc., University of Poona, 1955, 1964
 ROBERT CLIFFORD GRANDEY, B.S., Indiana State College, 1965
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 KUANG-PANG LI, B.S., M.S., National Taiwan University, 1961, 1963
 CLARO TORRES LLAGUNO, B.Sc., Ateneo de Manila University, 1966
 MARILYN ANN LLOYD, B.A., Russell Sage College, 1964
 MELVIN NICHOLAS MEMERING, A.B., Villa Madonna College, 1966
 CHARLES ROBERT PAYET, B.S., University of North Carolina (Chapel Hill), 1966
 GEORGE EARL PEACE, B.S., LaFayette College, 1966
 SHERRY IRENE FREAM QUEENER, B.S., Oklahoma Baptist University, 1965
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In Civil Engineering

JAMES JOSEPH ADRIAN, B.S., 1967
 BYRON LEE BAXTER, B.S., 1967
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 WILLIAM NELS EKSTRAND, B.C.E., Marquette University, 1962
 ANTHONY EMIL FIORATO, B.S., Drexel Institute of Technology, 1966
 CHARLES EDWARD GARDNER, B.S., United States Naval Academy, 1961
 THENGUNGAL VERGHESE GEORGE, B.S., University of Kerala, 1963
 HERSHELL GILL, JR., B.S., 1967
 HAROLD LEWIS GOTSCHALL, B.S., 1967
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 VASANT KUMAR HARIANI, B.Tech., Indian Institute of Technology (Bombay), 1966
 MALIK AYAZ HUSSAIN, B.S., B.E., Osmania University, 1957, 1966
 SURENDRA KUMAR KHOKHA, B.Eng., University of Rourkee, 1966
 OWEN MAJOR KIRKLEY, B.S., United States Naval Academy, 1958; B.C.E., Rensselaer Polytechnic Institute, 1960
 MICHAEL PAUL MATSUMOTO, B.S.C.E., University of Hawaii, 1967
 VICTOR WILLIAM O'DELL, JR., B.S., University of Washington, 1966
 SATINDER PAL SINGH PURI, B.Sc.Eng., Panjab University, 1964
 WILLIAM ALLAN RADZEVICH, B.S., 1966
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 KNUT SVERRE SKATTUM, B.S., University of Colorado, 1967
 STANLEY STANLEY STANLEY, B.S., 1967
 HARLAN DALE STAUFFER, B.S., Kansas State University, 1966
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 FERNANDO VILLALTA FLOREZ, Ing.Civ., Universidad Nacional de Colombia, 1963
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In Computer Science

CHIN-KUEI WEN, B.S., Taiwan Provincial Cheng Kung University, 1962; M.S., National Tsing Hua University, 1964

In Dairy Science

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In Economics

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BRUCE ALBERT RUSK, B.A., M.A., University of Toronto, 1961, 1962

In Electrical Engineering

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 SUE ANN RAMSAY CRULL, B.S., 1963
 LOIS THOLE FELDMAN, B.S., 1966
 SUE LIVINGSTON OWEN, B.S., University of Rhode Island, 1961

In Horticulture

WILLIAM MAURICE BLAINE, B.S., 1966

In Industrial Engineering

PAUL KENNETH LINDON, B.A., Miami University, 1966
 ARNE THESEN, B.S., 1965

In Journalism

HOWARD LEONARD PORTER, A.B., Monmouth College, 1967
 PAUL WILLIAM REXROAT, A.B., 1965
 GARY ALAN REYNOLDS, B.S., 1966

In Library Science

- JULIE ALICE ANDERSON, A.B., 1967
 REBECCA RUTH ANDERSON, B.A., Texas Technological College, 1967
 BROOKE BOWEN ANSON, A.B., Nebraska Wesleyan University, 1959
 ARLITA WARRICK AUSTIN, B.S., Illinois State University, 1965
 RICHARD ALAN BINDER, B.A., Knox College, 1967
 WILLIAM OTIS BREEDLOVE II, B.A., Butler University, 1963
 KAREN COX BROOKS, B.S., Eastern Illinois University, 1967
 LINDA MARIE BRUNS, B.A., Southern Illinois University, 1967
 BILLIE CLYDE CLARK, B.S., West Virginia State College, 1967
 LIBBIE THELMA CROWL, B.S., Indiana State University, 1945
 SANDRA KISALA DEBENEDETTI, A.B., 1964
 MARJORIE PRIESTLEY DUGGAN, A.B., George Pepperdine College, 1946
 HELEN RUTH EGGER, B.A., Texas Woman's University, 1967
 SANDRA MARIE ELLISON, B.A., University of South Florida, 1967
 JOHN FRANCIS GALVIN, JR., A.B., St. Louis University, 1933
 PATRICIA KARIN GILL, B.A., Edgewood College of the Sacred Heart, 1961
 JULIA DEUTSCH GOLDSTEIN, B.S., 1963
 BARBARA ANNE GRONLUND, A.B., 1967
 JEAN COLE HUGHES, A.B., 1961
 DIANE GORDON KADANOFF, B.S., Simmons College, 1959
 GEORGE WALLACE KELLER, B.S., George Peabody College for Teachers, 1959
 SANOK PAIK KIM, B.A., Clark University, 1956; M.A., University of Wisconsin, 1958
 CRISTINA KING, B.A., Rockford College, 1966
 DALE MYRON LIMBERT, JR., B.S.Ed., Ohio University, 1967
 EILEEN KAY McCARTY, B.S., Bluffton College, 1966
 MARIANNE McCULLOUGH, B.A., Baldwin-Wallace College, 1967
 ADELLE MEHAFFEY McMILLAN, A.B., 1967
 GREER G. NAVE, B.A., Emory University, 1966
 SOO-KWEE NG, B.A., Nanyang University, 1959
 SUSAN LESLIE NICKERSON, B.A., Antioch College, 1967
 ERLING ROBERT OELZ, A.B., Western Michigan University, 1963
 BETTY BOZARTH OHM, A.B., Illinois College, 1960
 SHARON KAY OLSON, A.B., MacMurray College, 1967
 PHYLLIS MARIE PINDER, B.A., University of Western Ontario, 1964
 CINDA GAY PIPPENGER, A.B., 1967
 SAUNDRA LOUISE RICE, B.A., Howard University, 1967
 THOMAS LYNN SCOTT, B.A., Municipal University of Omaha, 1965
 SANDRA LYNN FILIS SHEPPARD, B.A., Millikin University, 1967
 DIANNA LYNNE SMITH, B.S., University of Tennessee, 1966
 FRANCES MAE STARR, B.S., Illinois State University, 1960
 PAMELA Jo STILLWELL, B.S., 1966
 SHERYL FRANKLIN SWANSON, B.A., North Park College, 1964
 IRENE CECILIA TEAS, B.S., Memphis State University, 1966
 MANHAR PURSHOTTAMDAS THAKORE, B.Sc., University of Bombay, 1952; Dipl., M.A., University of Baroda, 1957, 1963
 MARCIA FRANCES TUCKEY, B.S., 1963
 PATRICIA BARTON TURNBULL, S.B., Simmons College, 1965
 CAROLYN JEAN VANZEE, B.A., University of Iowa, 1967
 BARBARA JANE WEBER, B.A., University of Dubuque, 1964
 WILMA FROSTENSON WHITE, A.B., 1956
 FAITH ANN WOOD, B.A., University of Maine, 1967

In Management

- RAFAEL ENRIQUE CALDERON RIVERA, Economista, Universidad Central de Venezuela, 1964
 NORBERT MICHAEL KOZLOWSKI, B.S., 1967
 GERALD ALAN ROMUNDSTAD, B.A., University of Minnesota (Duluth), 1965

In Mathematics

- MARSHALL ALLAN ATLAS, B.S., Rensselaer Polytechnic Institute, 1967

HARRY GLEN AUMENT, B.S., Illinois Institute of Technology, 1967
 ELAINE MARY BAIR, B.A., Nazareth College of Rochester, 1967
 DAVID MAYNE BUSEY, B.A., Lycoming College, 1966
 PAUL EDWARD COHEN, B.S., University of New Mexico, 1967
 JOHN BURBANK CORWIN, B.S., Kansas State University, 1966
 PAUL HARVEY COX, B.S., 1967
 PETER DUBOSE CRAWFORD, B.A., Western Kentucky State College, 1967
 JOHN THELBURN ENGLE, B.A., DePauw University, 1966
 JOHN FINDEIS, B.S., 1967
 JOHN JAMES GAUDIO, B.S., 1967
 ROBERT DAVID GORDON, A.B., Augustana College, 1967
 LUKE TI HAN, A.B., Wheaton College, 1966
 CHARLES TOOLE KAHANE, B.S., University of Chicago, 1967
 JOHN CRONAN KIEFFER, B.S., University of Missouri (Rolla), 1967
 JAMES DAN KNIFONG, B.S., Northern Illinois University, 1964
 BARBARA ANN MALTBY, B.S., Michigan State University, 1967
 MARGARET EMILY MANN, B.S., North Carolina State University, 1967
 CAROL JOAN McMULLIN, B.S., State University of New York (Cortland), 1966
 THOMAS MICHAEL McMULLIN, B.S., Pennsylvania State College (Mansfield), 1963
 THOMAS RALPH MORRIS, B.S., Michigan State University, 1966
 RICHARD MICHAEL OSTEN, B.S., Rensselaer Polytechnic Institute, 1966
 WILLIAM JOSEPH PARMENTER, B.S., Purdue University, 1967
 ALLEN LOUIS PEKAR, B.S., 1966
 MICHAEL DEAN ROSS, B.A., Western Washington State College, 1967
 SISTER M. CATHERINE THERESE PAULIE, B.S., Marquette University, 1967
 SANDRA SUE SNODGRASS, B.S., 1966
 STEPHEN RAY TROYER, B.S., Purdue University, 1966
 ROBERT EDWIN WALL, B.S., M.S., 1966, 1967

In Mechanical Engineering

GEORGE WAYNE EGGEMAN, B.S., University of Missouri (Rolla), 1962
 ERNEST JOHN FREY, B.S., University of Notre Dame, 1966
 GARY WAYNE HILL, B.S., 1967
 DONALD LOUIS JONES, B.S., 1966
 ALEX MICHAEL KELLER, B.S., 1967
 WILLIAM FREDERIC KOEBBEMAN, B.S., 1963
 GERALD VICTOR LOMBARDI, B.S., 1967
 JOHN LESLIE MESKIMEN, B.S., 1967
 FIKRI OZDEMIR, B.S., 1967
 ANDREW ROVELSTAD, B.S., 1967
 DAVID VANCE SCHAEFER, B.S., University of Wisconsin, 1963
 LAWRENCE JOHN WITTMAN, B.S., 1967
 JOSEPH FRANK WOLLSCHLAGER, JR., B.S., 1966

In Metallurgical Engineering

NABENDU SEKHAH CHOUDHURY, B.E., University of Calcutta, 1963
 DWIGHT RICHARD DIERCKS, B.S., 1967
 ROBERT STEPHEN KARZ, S.B., Massachusetts Institute of Technology, 1967

In Microbiology

DAVID GEORGE DAVIS, B.S., 1967
 WILLIAM CHARLES MATTHAI, B.S., Northern Michigan College, 1966
 DACE VENTERS, B.A., Northwestern University, 1964
 MARY PATRICIA WHITE, A.B., Indiana University, 1965

In Mining Engineering

BASHIR AHMED, B.E., Osmania University, 1965

In Music Education

GAYLE SUSAN ACKLEY, B.M., Michigan State University, 1967
 BEVERLY MAE AHLSEN, B.S., State University of New York (Fredonia), 1964
 WILLIAM KELLEY ALEXANDER, B.M., East Carolina College, 1967
 TERRI ELIZABETH ALTON, B.Mus., Illinois Wesleyan University, 1966

- CONSTANCE PAMELA BARBER, B.M., University of Georgia, 1967
 RITA JO BURD, B.Mus.Ed., Indiana University, 1965
 STEWART ARLEN CARTER, B.M.E., University of Kansas, 1967
 DONNA DALE LAMBIRD CLARK, B.S., 1963
 JOHN MARION COOKSEY, B.Mus.Ed., Florida State University, 1964
 GERARD JOSEPH CORCORAN, JR., B.A., University of Maine, 1967
 JAMES WALTER DRUESSEL, B.Mus.Ed., Millikin University, 1961
 GLEN DANIEL FAIRCCHILD, B.S., 1966
 SUZANNE FRONCEK, B.S., Quincy College, 1967
 DOROTHY HELEN HAYES, B.S., 1966
 MARILYN ANN HEATH, B.M.E., Greenville College, 1967
 KAREN RUTH HINSHAW, B.S., 1965
 MARY CAROLYN GIESE HINTON, B.S., 1962
 ROY ALLEN KEYT, B.A., Luther College, 1967
 NANCY COOPER KREDEL, B.Mus., University of North Carolina (Greensboro), 1965;
 M.Mus., 1968
 CAROLE JEAN CATHERINE LESNIAK, B.S., Northern Illinois University, 1964;
 M.Mus., 1966
 ROBERT JOHN MARTIN, JR., B.S., 1967
 WARD FRANKLIN MOWERY, B.S., Ohio State University, 1962; M.Mus., 1968
 JANE HENRY PRINCE, B.Mus.Ed., Murray State College, 1960
 JILL CHRISTINE RYLANDER, B.Mus.Ed., Illinois Wesleyan University, 1964
 ARTHUR GLENN SCHILDBACH, B.S., 1966
 ELLEN LOUISE SCHRAMM, B.Mus.Ed., Indiana University, 1964
 CHARLES STUART SCHUMAN, B.Mus., Ithaca College, 1967
 CAROL SCHWORTZ, B.A., Queens College, 1961
 JAMES ROGER SIROIS, B.S., 1967
 HOWARD ARTHUR SMITH, JR., B.S., Ithaca College, 1965
 PHILIP HERBERT STUTZ, B.Mus.Ed., Wheaton College, 1967
 ERNESTO CAPELLAN VALENCIA, T.D.M., University of the Philippines, 1958
 KENNETH LLOYD WILLIAMS, B.S., Illinois State University, 1966
 DOROTHY FERGUSON YOUNG, B.S., Wisconsin State University (Superior), 1965

In Nuclear Engineering

- ROBERT WALTER FIENE, B.S., Stanford University, 1967
 BENNETT ELIHU GATES, B.S., 1966

In Physical Education

- LOIS ELAINE LANG, B.S., Washington State University, 1963
 PAOLA LUISA MANGIACAPRA, B.S., Bates College, 1961
 MARY LOUISE O'TOOLE, B.S., University of Massachusetts, 1966
 GARY GILBERT RASMUSSEN, B.S., 1965
 JOSEPH RALPH ROSADO, B.S., 1966
 MICHAEL GEORGE WADE, Dipl., Loughborough Training College, 1963
 IAN DAVID WILLIAMS, Dipl., University of Otago, 1964

In Physical Sciences

- MARGARET ANN HOBART KASOWSKI, Hons.B.Sc., University of Ottawa, 1964

In Physics

- THOMAS LEE BERGER, B.S., 1964
 DENNIS VERN BROCKWAY, B.S., University of New Mexico, 1963; M.Eng., New
 York University, 1965
 RONALD LYNN CAMPBELL, B.S., 1966
 JEAN PIERRE DESROCHES, Ingenieur, Ecole Centrale des Arts et Manufactures,
 1967
 DAVID PAUL EISENMAN, A.B., Harvard College, 1965
 JOHN ROBERT FISCHER, A.B., Northeastern University, 1966
 CHRISTOPHER ALAN FOSTER, B.A., University of Colorado, 1966
 JAMES JOSEPH FRANZEN, B.S., 1967
 JOHN PAUL HARNAD, B.Sc., McGill University, 1966
 WILLIAM JEFFREY MEYER, A.B., Temple University, 1965
 MICHAEL RAY ROBINSON, B.S., Georgia Institute of Technology, 1967

WILLIAM CLAYTON SCHEIFLEY, B.A., Rice University, 1966
 JERRY DEAN SCHERMERHORN, B.S., 1967
 GARY JOHN SCHLIECKERT, S.B., Massachusetts Institute of Technology, 1966
 IRL WILSON SMITH, JR., B.S., 1967
 NIKOS THEODORAKOPOULOS, B.S., Harvey Mudd College, 1967
 THOMAS MICHAEL VALIQUETTE, A.B., Ph.L., S.T.B., Saint Louis University, 1957,
 1958, 1966

In Physiology

ARTHUR BAEDER III, B.S., Baldwin-Wallace College, 1965
 RODGERS WAY BICKERSTAFF, B.S., Denison University, 1963
 THOMAS SCOTT BURNS, B.A., Wabash College, 1965
 PATRICIA LUCILLE LECHNER, B.S., 1966
 RICHARD WILLIAM MASSELL, B.A., St. John's College (Annapolis), 1965
 MARY VIRGINIA NEKOLA, B.S., Loyola University, 1966
 JOHN JOSEPH SERBIN, JR., A.B., Monmouth College, 1966
 JAY FREDERICK WEENIG, B.S., Brigham Young University, 1957

In Plant Pathology

JAMES OLAKUNLE AMOSU, B.S., 1966
 RONALD WILLIAM REHLING, B.S., 1966

In Psychology

ANDREA GAYE KAPLAN, B.S., 1967

In Radio and Television

LEANDER CORBIN JONES, JR., A.B., Agricultural, Mechanical and Normal College
 (Arkansas), 1956
 JAMES CLAUDE KEHOE, B.A., Arizona State University, 1967
 THOMAS JOHN TIERNEY III, B.S., 1965

In Recreation

JENNIFER R. CUTTS, B.S., University of Minnesota, 1967
 MARY ROSE FRANGIOSA, B.S., Oregon State University, 1965
 LYNDALE OTEY MAXWELL, B.S., University of Texas, 1958
 RAYMOND FRANCIS STANFORD, B.S., Springfield College, 1967

In Sanitary Engineering

MALCOLM CHARLES BABB, B.S., 1966
 JAMES CLAYTON GRATTEAU, B.S., 1967

In Statistics

MARIAN JOHNSON FROBISH, B.A., Northwestern University, 1965
 BONITA JASCH MAMPE, B.S., 1964
 MICHAEL JAMES NOE, B.A., Illinois Wesleyan University, 1966

In the Teaching of Biological Sciences and General Science

ROGER WILLIAM BOHM, B.S., 1960
 JEAN LOUISE ENGLUND, B.A., Augustana College, 1965
 SHARON FOGELQUIST JOHNSON, B.S., 1966
 LORETTA NELL SATTERTHWAITE, B.S., 1966
 JUNE ANN TROTTIER, B.S., Wheaton College, 1966

In the Teaching of Chemistry

WILLIE McCLERKIN II, B.S., Benedict College, 1963

In the Teaching of Mathematics

DEALVER L'VET BROWN, B.S., Johnson C. Smith University, 1964
 MARY ELIZABETH DERRINGTON, B.S., Southern Illinois University, 1961
 DAVID E. FAST, Ph.B., University of North Dakota, 1956
 DENIS EDWARD GANNON, B.A., Fairfield University, 1961; M.Ed., University of
 Hartford, 1964
 ANN FLORENCE GRAHAM, B.S., University of Portland, 1966
 JEAN MARIE KOZLIK, A.B., Rosary College, 1964
 ALBERT JOHN MONCRIEF, JR., B.A., Montclair State College, 1967

In Theoretical and Applied Mechanics

JOHN VANMETER COYNER, JR., B.S., 1967
 JESSE EDWIN MATHENY, JR., B.S., 1955
 CLAYTON CHARLES NELSON, B.S., 1966
 JAMES ALLEN WINDUS, B.S., University of Washington, 1964

In Veterinary Medical Science

MARTIN CHARLES MORALES, B.S., University of Houston, 1957; D.V.M., Agricultural & Mechanical College of Texas, 1963
 UTE URIAS HERBERT MORRIS BISETTE, D.V.M., Universidad Central de Venezuela, 1959
 PRIENNE CATHERINE JOYCE RANATUNGA, B.V.Sc., University of Ceylon, 1955
 GEORGE WILLIAM SHERRICK, D.V.M., Oklahoma State University, 1957

In Zoology

LEANN BORROR BLEM, B.S., Ohio University, 1965
 BRUCE PHILLIPS HANNA, B.S., 1966
 JARVIS ELLIS HUDSON, B.A., Indiana University, 1966
 PAULA POR LEE, B.S., 1966
 SHADI LAL NARANG, M.Sc., Panjab University, 1965

Degree of Master of Music

MICHAEL JULIAN BATES, B.M.E., Bradley University, 1966
 SEUNGHYUN CHOI, B.A., Ewha Womans University, 1963
 WILLIAM WILDER COLSON, Mus.B., Oberlin College, 1967
 JOYCE LYDIA CRANE, B.M., Illinois Wesleyan University, 1966
 NANCY ELIZABETH HAMPTON, B.S., 1967
 ALBERT CLEMON HUGHES, JR., A.B., B.M., Birmingham Southern College, 1964, 1964; M.Mus., 1967
 MARTHA LEE JAQUES LINDON, B.Mus., Miami University, 1966
 LOUISE KELLY MATTHEWS, B.Mus., University of North Carolina (Greensboro), 1966
 GEORGE WILLIAM MECHLING, JR., A.B., B.S., University of Nebraska, 1964, 1964
 KEITH ALVIN PAYNE, Mus.B., Oberlin College, 1966
 ANNE DEMAREST QUIMBY, B.Mus., Syracuse University, 1965
 NANCY VIRGINIA RICE, B.A., Wisconsin State College (Eau Claire), 1966
 DENNIS DANIEL RILEY, JR., B.Mus., University of Colorado, 1965
 ISABELLE CATHERINE RUETTEN, B.M.Ed., Viterbo College, 1966
 CAROLYN VAL SCHMIDT, B.Mus., 1966
 RUDOLPH OWENS SHACKELFORD, B.Mus. & Mus.Ed., Richmond Professional Institute, 1966; M.Mus., 1967
 MARILEE DAVID SKIDMORE, B.Mus., 1967
 JOAN ELIZABETH SQUIRE, B.S., 1966
 MARGARET ANNE STEEBLE, B.M.E., Wheaton College, 1966
 WILLIAM FRAZIER STONE, A.B., Duke University, 1966
 ROBERT DENNIS VANDALL, B.Mus., Baldwin-Wallace College, 1966
 RICHARD LEE WHITTEN, B.Mus., North Texas State University, 1966
 JANET BELLE WOOD, B.Mus., 1966
 JOHN DAVID ZIMMERMAN, B.Mus., Wheaton College, 1966

Degree of Master of Education

JOEL LESLIE ABRAHAM, B.S., Old Dominion College, 1966
 SHARON KAY ADAIR, B.S., 1967
 KATHRYN MARIE ADEN, B.A., State University of Iowa, 1960; B.S., Pacific Lutheran University, 1962
 HILDA ROODHOUSE ALEXANDER, B.S., MacMurray College, 1939
 SUSAN AMISS BADGER, B.S., Frostburg State College, 1967
 BARBARA ANN BATCHELOR, B.S., East Carolina College, 1959
 JOANNE MOLLIE BEER, B.A., DePauw University, 1967
 BISHOP BASCOM BLACKWELL, B.Agro.Eng., University of Florida, 1954
 NONA ANNE BOHANNON, B.A., Eastern Washington State College, 1965
 MARY JANE BOND, B.A., Millikin University, 1965
 ROBERT WALDO BOSSLER, B.S., St. Louis University, 1961

- RUTH ANN BRAHAM, B.S., Purdue University, 1966
 ERIC CHARLES BROOKENS, B.S.B.A., University of Denver, 1964
 GWYNN CLAUDIA BROWN, B.A., Bennett College, 1964
 LINDA KAY BROWN, A.B., Whitman College, 1965
 KATHRYN COBB BURTNES, B.S., 1947
 CAROL IRENE WILKENS BUTLER, B.S., Illinois State University, 1961
 ETHEL CASTROLL, B.S., East Texas State College, 1963
 LoDEMA LOUISE CARROLL CHANEY, B.Ed., National College of Education, 1947
 BETTY FIRESTEIN CHRISTMAN, B.A., Olivet Nazarene College, 1965
 LINDA ARLINE COVEY, B.A., North Central College, 1965
 EDITH JEANETTE COX, B.S.Ed., Northeast Missouri State Teachers College, 1965
 CAROL ANN CROCKETT, B.A., Quincy College, 1967
 MELINDA JANE CSENSICH, B.S., Pennsylvania State College (California), 1965
 JOSEPH BELL DEISHER, B.S., Franklin and Marshall College, 1937; M.D., University of Rochester, 1941
 RUTH ELIZABETH DELAWTER, A.B., Olivet Nazarene College, 1964
 JANE LAURENCE DERROUGH, B.S., 1939
 RHODA ELLYN SIMON DOMBCHIK, B.S., 1965
 MARTHA MARY MENKE DOOLEY, A.B., Clarke College, 1963
 RAYMOND EDWARD DUNN, B.S., Wisconsin State College and Institute of Technology, 1950
 JANET KAY DWYER, B.S., Southern Illinois University, 1965
 CHARLES BILL EARDLEY, B.S., Eastern Illinois University, 1963
 THEODORE JAMES ECKER, B.A., North Park College and Theological Seminary, 1962
 LEROY FREDERICK EDWARDS, A.B., Bradley University, 1962
 NANCY LOUISE EUSTANCE, B.S., Syracuse University, 1967
 PATRICIA NEWSOM FAUDREE, B.A., Oklahoma Baptist University, 1962
 LOYDE AMALIA FAUSTINI, Licenciado Em Pedagogia, University of Sao Paulo, 1953; Dipl., University of Reading, 1967
 MARGO MARIE FITZGERALD, B.S., 1965
 ANNE MARIE FOLEY, A.B., Regis College, 1944
 DIXIE LEE FORD, B.S., Kansas State College (Pittsburg), 1965
 JUDITH LEE SALONE FORD, B.S., 1964
 MARY REEDER FRALEY, B.S., Illinois Wesleyan University, 1958
 JUDITH ANN FRANZEN, B.S., 1961
 VIVIAN HENDERSON GOINS, B.S., Quincy College, 1965
 ELIZABETH WEISS GOLDWASSER, A.B., George Washington University, 1943
 JUDITH IRENE GOOD, A.B., West Liberty State College, 1961
 CAROLYN SUE GRAETER, B.S., Ohio State University, 1967
 REBECCA BALES GREETHER, B.S., Miami University, 1964
 CAROL KNOTT GRIFFET, A.B., 1958
 PATRICIA LOUISE GRUBB, B.A., DePauw University, 1966
 JAMES DANIEL GRYDER, B.S., Southern Illinois University, 1960
 EARL GEORGE GUEDEMAN, B.S., 1963
 ROY ANSKER HAGEN, B.S., Taylor University, 1964
 LEON MARTIN HARRIS, JR., B.S., Hampden Sydney College, 1956; M.D., Medical College of Virginia, 1960
 NANCY STAKIS HAUGEN, B.S., 1964
 RAY EUGENE HELFER, A.B., Oberlin College, 1951; M.D., State University of New York (Syracuse), 1955
 GREGG STUART HELGESEN, B.S., 1968
 JOSEPH WELLS HESS, JR., B.S., Utah State University, 1953; M.D., University of Utah, 1956
 JANIS LYNNE HIMES, A.B., Lincoln Christian College, 1965
 THERESA MARIE HOPKINS, B.S., 1964
 DONALD GENE HUGO, B.A., Concordia College, 1967
 CAROLYN SUE EILERS JACKSON, B.S., Illinois State University, 1964
 GAIL STEPHANIE JACKSON, B.A., Fisk University, 1967
 CAROLYN HUNTER JARVIS, S.B., Simmons College, 1965
 JAMES FRANK JEWETT, A.B., 1967
 ROBERTA SMITH JONES, B.A., University of Maryland, 1963
 RICHARD DAVID KLEINBECK, A.B., 1962

- SUSAN MYRA KLUGER, A.B., Hunter College, 1967
 JUDITH LORETTA KOSTER, B.A., Blackburn College, 1964
 EDWARD EARL KOZLOFF, B.S., 1966
 BARBARA JANE KUKLEWICZ, A.B., 1966
 LAWRENCE WALTER LAFLEUR, B.S., Northern Illinois University, 1958
 LAVERNE ALICE WITCOSKY LANDERS, B.A., San Jose State College, 1964
 PAMELA BEERY-POLGLASE LAUGHLIN, A.B., 1966
 WILLIAM WAYNE LAURENT, A.B., 1966
 BILLIE ANN STARKEY LEIGHTON, A.B., Knox College, 1964
 JOHN BYRON LEITCH, B.S., Western Illinois University, 1960; M.S., Northern Illinois University, 1965
 LINDA LOIS LEMAY, B.S., Bob Jones University, 1965
 MICHAEL STEVE LENICH, B.S., 1967
 PENNE DREW LINNENBURGER, B.S., Western Illinois University, 1965
 DENRUTH BARRE LOUGEAY, B.S., 1965
 JOAN FRIEND LUBERA, B.S., Indiana University, 1958
 LINDA LOU LUCHT, B.S., Illinois State University, 1966
 ANNE MARIE LUZWICK, B.S., Loyola University, 1964
 KATHLEEN VIRGINIA LYONS, Ed.B., Rhode Island College, 1965
 PROVIDENCE JOSEPHINE MANISCALCO, B.S., University of Tampa, 1961
 KENNETH LAVERNE MARLIN, B.S., Northwestern University, 1948
 JOHN PHILLIP MEYER, B.A., Marquette University, 1966
 SANDRA JEAN MILLER, B.S., 1967
 RITA ANNE MITCHELL, B.A., Purdue University, 1966
 RALPH JOSEPH MOENS, B.S., 1951
 BONNIE JEAN MORAN, B.S., Murray State College, 1957
 JANE SUSSMAN MORPURGO, B.S., State University of New York (Cortland), 1957
 ALICE MAY MOXEY, B.S., Illinois State University, 1960
 DANIEL GABRIEL MULCAHY, B.A.(Hons.), H.Dipl.Ed., M.A., National University of Ireland, 1965, 1966, 1967
 KATHLEEN GEOGHEGAN MUNCH, B.A., California State College (Fullerton), 1964
 JUDITH BERRIEN MUNDAY, B.S., 1967
 JASON MWANGI MUTUGI, B.A., York University, 1967
 RUSSELL LEE MYERS, JR., B.S., 1955
 RICHARD LLOYD NELSON, B.S., Western Illinois University, 1957
 NECIA HARKLESS NEMBARD, B.M., Detroit Institute of Musical Art, 1960
 DEBORAH NEUGARTEN, B.A., Queens College, 1967
 MELVIN LAVAUGHN NOE, JR., B.S., 1967
 NANCY JOSEPHINE NOLAN, B.S., 1963
 JANE ELIZABETH NOVOTNY, B.A., DePauw University, 1967
 THOMAS KEITH OATES, B.S., Southern Illinois University, 1965
 MELVIN LEROY ONG, B.S., M.S., Illinois State University, 1950, 1958
 JOANNE ELLEN ORAVEC, B.S., Concordia Teachers College, 1964
 ALICE CARLS ORE, B.S., 1965
 MARY ANN PAPIRNIK, B.S., 1964
 RONALD JOSEPH PASTORI, B.S., Eastern Illinois University, 1965
 JEANINE PASS PATTERSON, B.M.Ed., Millikin University, 1964
 ANNE MARGARETHE PETERSON, B.S., Northwestern University, 1966
 CAROLYN JEAN MCCANNON PETERSON, B.A., Lawrence University, 1964
 SUE CAROLYN PETRICK, B.S., Pennsylvania State University, 1966
 HAZEL SCHULTZ PIATT, B.S., Olivet Nazarene College, 1964
 LIGIA ENRIQUETA PLAZAS, Javeriana University
 PAULINE SMITH PROKOP, B.S., Southern Connecticut State College, 1943
 JANET GRANT RAUCH, B.S., Northwestern University, 1965
 EDNA DORIS READER, B.S., Central Missouri State College, 1962
 SHIRLEY ROSE REINHART, B.S., Loyola University, 1963
 FRANCES ELAINE REXROAD, B.S., 1963
 JOYCE DELORIS BICKERSTAFF RILEY, B.S., Kent State University, 1961
 JANET MAYBERRY ROBINSON, B.S., Eastern Illinois University, 1963
 MORITA ANN ROGERS, A.B., 1966
 MARSHA LEA ROIT, B.S., Lesley College, 1967
 BETTY MARIE ROSS, B.S., Illinois State University, 1961
 ROBERTA JUSTER RUBEL, A.B., 1964

ESTHER EMMA RYAN, B.A., Fontbonne College, 1965
 LAWRENCE BARRY SCHIAMBERG, A.B., 1964
 KATHRYN MARIE SCHMIDT, B.A., St. Xavier College, 1964
 JOAN URSULA SEREKA, B.S., Northern Illinois University, 1964
 EDWARD ROBERT SHERMAN, A.B., McKendree College, 1966
 CECILE DE GANT SHOOK, B.S., Syracuse University, 1965
 SISTER MARY DELRINA CLARIN, B.S., St. John College, 1965
 VIRGINIA JEANNE SODERSTROM, A.B., 1967
 ROBERT EUGENE STEVENS, B.S., Eastern Illinois University, 1961
 IDA SANTOS STEWART, A.B., Florida State University, 1950
 VALERIE LAW STODDEN, B.S., Valparaiso University, 1966
 ELEANOR ANNE ROLLO STOLZ, B.S., 1955
 ROBERT WILLIAM STUHL, B.S., Wisconsin State College and Institute of Technology (Platteville), 1964
 PHYLLIS WITT SUMMERS, B.S., University of Tennessee, 1956
 MENGESHA TADESS, B.A., Haile Sellassie I University, 1964
 JOHN JEROME TEMPLIN, A.B., 1946; B.L., M.A., Southern Methodist University, 1949, 1950
 JANNY MARIE QUINN TRAVERS, B.S., Illinois State University, 1960
 PATRICIA ROSE TRUNT, B.S., Northern Illinois University, 1959
 CECILIA MISEVICH TYSIAK, B.S., Eastern Illinois University, 1964
 WILLIAM MANLY WARD, B.S., St. Cloud State College, 1951
 SARAH FRANCES WATTS, A.B., Virginia State College, 1948
 MARYLIN FRANCES WEARING, A.B., Marymount College, 1963
 MYRNA JOAN WENTE, B.S., Valparaiso University, 1955
 PAUL RONALD WESBECHER, B.S., 1967
 ALVIN LEE WILLIAMSON, B.A., Hanover College, 1967
 CAROL MITACEK WOLF, A.B., 1965
 JO ANN MARIE FUCHSEN WOZNIAK, A.B., 1966
 MARGARET LOUISE YAWKEY, B.S., Maryville College, 1963
 MARTIN JOHN ZVONAR, B.S., 1966

Degree of Master of Social Work

CONSTANCE KRISTOFF ADEYERI, B.A., City University of New York (Brooklyn), 1964
 MARILYN ANSEVIN AUSTIN, A.B., Muskingum College, 1955
 DARYL MELTZER BENDER, B.A., State University of New York (Stony Brook), 1964
 THEODORA WINTERS BERLASKY, B.S., Tufts University, 1964
 MARGARET WATTERSON BISHOP, B.A., University of Liverpool, 1963
 DENNIS CHARLES BREIDENBACH, B.A., University of Dayton, 1964
 PAUL ATHERTON BRIDGELAND, B.S., Northern Illinois University, 1961
 WENDY ALISON BUCHAREST, A.B., Simmons College, 1966
 ANDREW LOUIS BUCZYNA, B.A., DePaul University, 1957
 BEVERLY LITWILLER BURMEISTER, B.A., Goshen College, 1966
 JEROME MARTIN CABALA, B.A., University of Dubuque, 1965
 PHYLLIS LOUISE CLINE, A.B., 1966
 JAMES HOWARD COLLIER, B.S., George Williams College, 1966
 VIRGINIA MAE COLLINS, B.A., Iowa Wesleyan College, 1966
 GLORIA JEAN CORTESE, B.S., Indiana University, 1962
 JOSLYN BROOKS DAVIDSON, B.A., Roosevelt University, 1965
 PATRICIA GAIL DAVIES, A.B., Wheaton College, 1965
 ROBERT EARL DAVIS, B.A., University of Dubuque, 1961
 ROGER LAVERNE DAVIS, B.A., Southern Illinois University, 1966
 ALICE ELEANOR DAWSON, B.S., Ohio University, 1963
 VERA HELENE DEXHEIMER, B.S., University of Minnesota, 1950
 JANET GAYE DEYOUNG, B.S., Kansas State Teachers College, 1964
 GERRIC WARD DUDLEY, B.S., Union College, 1966
 MARY FRANCES DUNNE, B.A., College of St. Francis, 1965
 MARIAN GOODLEY EBERSOLE, B.A., Pennsylvania State College, 1940
 BETTY JANE EICHFELD, A.B., Carthage College, 1965
 MICHAEL JAY ELKINS, B.S.B.A., Northwestern University, 1966

- REGINA DALUNE ENGLADE, B.S., 1964
 RICHARD ALAN FINKLE, A.B., 1967
 GRETCHEN ANN WILLIAMS FOSTER, B.A., University of Colorado, 1966
 JOSEPH EDWARD FRANCIS, A.B., Providence College, 1964
 RAE FREED, A.B., University of Michigan, 1963
 PETER JAY GOLDEN, B.S., 1966
 ALBERT EDWARD GRAFF, JR., B.A., Chapman College, 1958; B.D., University of Chicago, 1962
 SUSAN ARLEEN GRAVES, B.A., Parsons College, 1966
 STEWART DEAN GRIFFETH, JR., B.S., Arizona State University, 1960
 ELWOOD RODERICK HAMLIN II, B.A., Sacramento State College, 1966
 DIANE CROWLEY HASLETT, B.A., Keuka College, 1964
 JOAN KAREN SEBREN Y HUTCHINS, A.B., Indiana University, 1962
 JERROLD ALAN JACOBS, A.B., 1966
 KENNETH DEAN JONES, A.B., Colorado State College, 1961
 MARCIA JOHNSTON JURGENS, B.S., Illinois Wesleyan University, 1963
 SUSAN DONNA KAMIN, B.A., Northwestern University, 1966
 MICHAEL ROBERT KANE, B.A., Roosevelt University, 1966
 CHARLES JOSEPH KEHOE, B.A., Lewis College, 1967
 BERNICE KING, B.A., Roosevelt University, 1965
 CHARLES EDWARD KRIEGEL, B.A., University of Texas (Austin), 1964
 MICHAEL STUART LA REAU, B.S., Illinois Wesleyan University, 1964
 LINDA FRANCES LEUDESORFF, A.B., Augustana College, 1964
 LINDA KAY LIPINSKI, B.A., Purdue University, 1966
 KEMSEY JAMES MACKAY, B.A., Grove City College, 1964
 THOMAS SHAFFER MASSIE, B.A., Kentucky State College, 1962
 PAMELA SUE MILLAR, A.B., 1965
 BERNIE NOVEN, B.A., Northern Illinois University, 1964
 JANIS REYNOLDS OULUND, B.A., Greenville College, 1965
 CHERYL LEE PESKIN, B.A., Roosevelt University, 1966
 MATTHEW JOHN PSZENICZNY, JR., A.B., St. Anselm's College, 1966
 GAY NELL WYLAND PYLES, A.B., Wheaton College, 1965
 ANN FOWLER RECKA, A.B., 1964
 JOHN WALTER ROHDE, B.A., North Park College, 1966
 FREDERICK WILLIAM ROTH, B.A., Northern Illinois University, 1965
 RONALD ALLEN ROYNE, B.S., George Williams College, 1966
 SATYA PAUL SACHDEV, B.A., Panjab University, 1956; M.S.W., University of Baroda, 1959
 CHERYL FLEISCHMAN SCHLAFFER, B.S., 1966
 WILLIAM CHARLES SHEPPARD, B.A., Millikin University, 1964
 BARBARA SYLVIA SHORES, A.B., Talladega College, 1966
 SUZANNE CAMP SMALL, B.S., Wayne State University, 1953
 JANET PALMER SMITH, B.S., Trinity University, 1964
 MARY ANN FLAHERTY SMITH, B.A., University of Wisconsin, 1964
 CHARLES STRATFORD STEVENS, B.S., Agricultural and Technical College of North Carolina, 1960
 SUSAN ANGELA STILLWELL, A.B., 1966
 JUDITH HEMPHILL STRONG, A.B., Cornell University, 1963
 LOIS LINLEY STUART, A.B., 1965
 DONALD EDWARD TARGONSKI, A.B., St. Anselm's College, 1963; A.M., Boston College, 1965
 JAMES PHILIP THOMPSON, B.A., Indiana University, 1966
 ELLEN LOUISE URBAN, B.A., Valparaiso University, 1965
 RICHARD PETER VAN REMORTEL, B.A., St. Norbert College, 1966
 ALEX CARMINE VELTO, B.S., College of the Holy Cross, 1964
 ELIZABETH DORMAN WATERS, A.B., MacMurray College, 1966
 CURTIS LEE WENNERDAHL, B.A., Rockford College, 1963; B.D., Trinity Evangelical Divinity School, 1966
 VICTORIA LOUISE BRYAN WINGERT, B.A., Goshen College, 1963
 PATRICIA GIBSON WOLF, B.A., Millikin University, 1966
 FLORA LOU WRIGHT, B.A., Yankton College, 1966
 CAROL ANNE ZOHA, B.B.A., St. John's University, 1963

Degree of Master of Fine Arts*In Design*

THOMAS ROBERT LIETHEN, B.Arch., 1966

In Painting and Printmaking

ROBERT ELMER CHEW, JR., B.F.A., Maryland Institute, 1966

MARGARET DIANE FIERKE, B.F.A., 1966

WILLIAM NELSON SCHAAF, B.F.A., University of Florida, 1966

THOMAS WILLIAM SPENCER, B.F.A., Ohio Wesleyan University, 1966

In Sculpture

FREDERICK VANDOVA GLOVER, B.F.A., 1964; M.A., University of Iowa, 1966

Degree of Master of Television

ROBERT JOHN SCHANILEC, B.A., Michigan State University, 1967

Degree of Master of Architecture

GRAHAM WESLEY BRAWN, B.Arch., University of New South Wales, 1962

JOHN HULON BRYANT, B.Arch., Oklahoma State University, 1964

JOHN ALAN KELLY, B.Arch.Eng., M.Arch.Eng., Oklahoma State University, 1963,
1967

DOUGLAS JOHN MOSER, B.Arch., 1967

JOHN ANDREW RIORDAN, B.A., 1965

Degree of Master of Accounting Science

CHONG AM CHUNG, B.Mgmt., Yonsei University, 1964

DONALD JOHN GERBER, B.S., 1967

WILLIAM GEORGE GERRISH, B.S., 1967

EDWARD EVERETT GRAY, B.S., 1967

WILLIAM IRVIN HEMANN, B.S., Eastern Illinois University, 1964

LOUIS REA JONES, B.S., B.S., 1959, 1960

DENNIS ALAN KREBS, B.S., Southern Illinois University, 1967

JOSE IGNACIO LARREA, B.S., Spring Hill College, 1958

ROBERT HERMAN MICHAELSEN, B.A., State College of Iowa, 1967

ROGER FERRIS MORTENSON, A.B., Wheaton College, 1966

DONALD FRED PASSALACQUA, B.S., 1967

ANWARUL HAQ RAAZI, B.A., M.A., University of Panjab, 1954, 1956

JAMES WILMORE ROMES, B.B.A., University of Texas, 1966

WILLIAM JAMES SLEVIN, A.B., MacMurray College, 1966

DAVID LEE SMITH, B.S.B.E., Illinois Institute of Technology, 1966

MARTIN JAY WEISS, B.S., 1967

RONALD FRANCIS WILSON, B.S., 1965

Degree of Master of Business Administration

GARY ROBERT BARNES, B.S., 1966

KENNETH RAYMOND BINGHAM, B.Eng., McGill University, 1966

DAVID EDGAR BROCKMAN, B.S., Valparaiso University, 1966

JAMES JAY BURCHAM, B.S., 1964

JOHN HENDERSON CALVERT, B.A., State University of Iowa, 1966

ELMER ROBERT GIESE, JR., B.S., 1963

ROBERT ARTHUR GILES, JR., B.S., 1966

GREGORY JON HUDAK, B.S., 1966

JOHN STEPHEN KIMMEL, B.S., 1966

DENNIS LEROY LARSON, B.S., University of Chicago, 1966

DENIS HOWARD LOUGEAY, B.S., 1966

ROGER HOWARD MEHL, B.S., 1966

MYRON GAIL ODELL, B.S., 1966

GARY LEE OLSEN, B.A., Northern Michigan University, 1966

CHARLES RAY ROBINSON, B.S., United States Coast Guard Academy, 1961

JACQUES MAURICE SCHMOLL, B.S., Washington University, 1962
 BRUCE EARL SEELIG, B.A., University of Wisconsin, 1966
 JACK HOWARD STANLEY, B.A., State University of New York (Harpur), 1963
 RICHARD PAUL STEINBECK, B.S., Valparaiso University, 1965
 YVONNE WILLIAMS, B.Ed., Illinois Teachers College, Chicago-South, 1962
 WALTER WILLIAM ZIEL, B.S., 1966

Degree of Master of Commerce

TIEN SIEV, B.S., University of California, 1967

Degree of Master of Extension Education

WARREN WAYNE BUNDY, B.S., 1949

Degree of Master of Landscape Architecture

JERRY WOODROW FUHRIMAN, B.S., Utah State University, 1966
 GERALD LEWIS PLUMMER, B.S., University of New Hampshire, 1963
 JOE ALLEN PORTER, B.F.A., Utah State University, 1963

Degree of Master of Urban Planning

PATRICIA ALICE BUTTON, B.Sc., University of London, 1966
 KAYE BRUCE GALLOWAY, B.S., 1965
 JOAN CAROL HOCK, B.A., American University, 1966
 MICHAEL VINCENT LEVY, B.S., Iowa State University, 1966
 ARTHUR SOL MUSCOVITCH, B.Arch., University of Manitoba, 1966
 ALLAN JOHN SMITH, B.Arch., Durham University, 1963; Dipl., University of
 Newcastle upon Tyne, 1964

Advanced Certificate

In Education

DAN EUGENE COURTNEY, B.Ed., Wisconsin State College, 1958; Ed.M., 1967
 WILLIAM ALFRED DATERS, B.S., Illinois State University, 1952; Ed.M., 1957
 JOHN DONOHO, JR., B.S., Oakland City College, 1958; M.S., Southern Illinois
 University, 1965
 DOROTHE LORRAINE JOHNSON, B.S., North Central College, 1955; Ed.M., 1965
 MARY LOUISE VOSS KOLER, A.B., Ed.M., 1964, 1965
 GERALDINE JOY FEINSTEIN LIEBERMAN, B.S., Ed.M., 1957, 1967
 PATRICIA JOAN MALONE, B.Ed., M.Ed., Gonzaga University, 1956, 1964
 DOROTHY PAKISER McNASSOR, B.A., M.A., University of Denver, 1951, 1960
 KATHERINE LORRAINE NICHOLAS, B.S., Oklahoma State University, 1935; Ed.M.,
 1964
 MELVIN ROSS PARTRIDGE, B.S., Southern Illinois University, 1959; Ed.M., 1963
 EDWARD JOSEPH SCHEFFELIN, A.B., College of St. Joseph, 1952; Ed.M., 1961
 SARA FRANCES SINGLEY, B.S., Morris Brown College, 1959; M.A., Atlanta Uni-
 versity, 1965
 VIRGINIA ELLEN SMITH, Ph.B., University of Chicago, 1945; M.A., University of
 Minnesota, 1950
 JACK CARL ST. JOHN, B.S., Western Michigan University, 1950; Ed.M., 1966
 CLETIS WAYNE UNDERWOOD, B.S., M.S., Arkansas State College, 1952, 1957
 RONALD EUGENE VOGRICH, B.S., M.S., Illinois State University, 1958, 1961
 PAUL JOHN WALLJASPER, B.S., Western Illinois University, 1951; Ed.M., 1964

In Music Education

ROBERT GORDON HOWELL, B.S., M.S., 1952, 1956
 LEROY MARTIN, B.M.E., Jackson State College, 1966; M.S., 1967
 GARY ALFRED THOMASON, B.Mus.Ed., Millikin University, 1953; M.S., Illinois
 State University, 1961

Certificate of Advanced Study in Librarianship

ROBERT OLAF FETVEDT, B.S., M.S., University of Minnesota, 1950, 1963

JOHN JOSEPH JAX, B.A., Wisconsin State University (LaCrosse), 1958; M.S.,
University of Wisconsin, 1959
GEORGE THOMAS JOHNSON, A.B., Morehouse College, 1954; M.S.L.S., Atlanta
University, 1957

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

DAVID EDWIN AKIN	JAMES FRANKLIN HOLDERMAN, JR.
GAIL LEE ALLAMAN	JAMES ARTHUR HOLMES
LYN GALE ASH	THOMAS JAMES HUNSLEY, Honors
MERLE EUGENE ATKINS	CHRISTOPHER OKWUOLISA IKEDIABI,
ROBERT LYLE BAINTER	Honors
RICHARD ALAN BAKER	HAROLD RONALD ISAACSON
RONALD ERHARDT BAUMAN	RICHARD NATHAN JENKINS
LAWRENCE WILEY BAXTER	LAURENCE FREDERIC JOHNSON
ROBERT CANTLEY BECKER, JR., Honors	WAYNE CARL JOHNSON
DON WALLACE BILYEU	LEONARD FLOYD JULIUS
JAMES ALLEN BOYER	JAMES CLAUDE KAGEL
JOHN LEONARD BRADLEY	KENNETH WILLIAM KAHLE
PAUL EDWARD BRATTON	LARRY GENE KAUFMANN
DONALD EUGENE BRAUER	ROBERT EUGENE KENNEDY
ROGER ALLEN BROYHILL	TIMOTHY KEYES
RONALD DENNIS BUTZOW	GLEN RANDOLPH KITSON
DONALD GREGG CARNES	RUSSELL EDWARD KOELLER
DAVID LEROY COLE	DAVID SCOTT LINDEN
ALAN DEAN COMPTON	TERRY DEAN LOCK
JOHN EDWARD CROFT	BARTON DOUGLAS MACOMBER
GLENN EDWARD CURRIE	MARK ALLAN MARCH
JAMES LESLIE DAWS	ANDREW JOHN MARIAS
RONALD CLARENCE DIETER	CHARLES QUINCY MCCLARY
ROBERT JOHN DOESECKLE	DON J. MCCUE
THOMAS LYNN DOUBET	ROBERT WILLIAM MEINERSHAGEN
ROBERT JAY DOW	DARRELL LEE MENNENGA
ARTHUR ALLEN DRACH	JOSEPH LEO MILLER
WAYNE EUGENE DUNCAN	LAWRENCE JAMES MITCHELL
EDMUND SUNNY EGOZI	JEROME WESLEY MOLLET
ROBERT LEASURE ELDER	PHILLIP RAY MOORE
DOUGLAS GORDON ELRICK	CHARLES EDWARD OLSON
RICHARD THEODORE ERICKSON	RONALD E. OSMAN
RANDALL HOWARD ERWIN	JERRY S. OYER
REYNOLDS MELVILLE EVERETT, JR.,	JOSEPH EVARIS OZOR
Honors	RONALD EUGENE PEABODY
JOHN ARTHUR FERRIS	ROSS ANTHONY PETER
PHILIP LAWRENCE FRANCIS, Honors	DONALD EDWARD PFLUM
MARK WARREN GERNAND, Honors	REX MICHAEL PIPER
KERMIT DALE GETTINGS	CHARLES LEONARD PRIOR
JUDY MCEUEN GRAY	DAVID LEE RADEL
DURWOOD NORMAN HAFENRICHTER	THOMAS HOWARD RANSON
NORMAN JOHN HARMS	DAVID LEROY REASON
DENNIS MERL HARPER	RANDALL KENT REDFERN
CHARLES ROSS HARROLD, Honors	DAVID BRUCE REYNOLDS, Honors
SCOTT CARTER HARROLD	RONALD LEE RIFFEY
DAVID LEE HAWKINSON	JOHN ROBERT ROBERTSON
JERRY PAUL HAYNES	WILLIAM CHESTER ROBINSON, Honors
CHARLES OLIVER HEAVNER	RICHARD CLARENCE RONNA
RONALD ROY HENRICHS	ROBERT DAVID ROSE
WILLIAM BERNARD HENRIKSON	GARY LEE ROTH
DOUGLAS LEE HIXON	TOM HOWARD SAWYER
THOMAS WILLIAM HOFER	WILBUR EARL SCARBOROUGH
HARLAN FRANCIS HOFF, Honors	JAMES HENRY SCHAEFGES

JOHN CHARLES SCHAFER
 CHARLES LEWIS SCHNEIDER
 ROGER EUGENE SCHNEIDER
 RANDALL LAURENCE SCHOLL
 RICHARD ALLEN SCHONEY
 EDWIN DALE SCHOONOVER, Honors
 MICHAEL JOHN SCHROEDER, Honors
 STEPHEN LAWRENCE SEHY, High
 Honors
 JERRY WAYNE SHIRLEY
 DALE SCOTT SIBERT
 TERRY ALLAN SIEGLER
 DENNIS MICHAEL SILBERHORN
 DOUGLAS DEAN SIMS
 KENT FOREST SLATER
 RICHARD LANE SMALLWOOD
 PAUL JOSEPH SMITH
 ROGER EDWARD SMITH
 THOMAS ALAN SMITH
 JOHN ROBERT STAGGS, Honors
 HOWARD MARTIN STANFIELD

MICHAEL HENRY STENGER
 MICHAEL CHARLES STIFF
 LAWRENCE LEE SUTTER
 BARBARA LYNN SWANSON, Honors
 JAMES RUSSELL TAFF
 LARRY CLINTON THOMAS
 RICHARD DANIEL TOMLIN
 JAMES NORMAN TRAUB
 DONALD LOUIS UCHTMANN, Honors
 KENNETH DARWIN URBAN
 CHARLES DWAYNE VOREIS
 CHARLES LYNN WASMUTH
 RICHARD LEE WHITE, High Honors
 DAVID WARREN WIEDEMAN
 KENT EVERETT WILLIS
 DONALD TALBOT WILLRETT
 DALE ALLEN WISE
 ROBERT BRUCE WOODS, Honors
 RONALD LEE YEAGLE
 GEORGE FRANKLIN YORK
 THOMAS CARLTON ZUBER

In Dairy Technology

RACHEL TOMILOLA ALADESELU
 HERBERT JOHN BAVOR, JR.

JON TODD GEHEBER
 JAROL PAUL JOHNSON

In Floriculture and Ornamental Horticulture

DOUGLAS FRANK ANIBALLI
 LYN FRANCIS BAYER
 WALTER RAYMOND BEHRENDT, JR.
 JAY DEAN HAGER
 PHILLIP LEE HARMS
 DEARMAND LEROY HULL

WILLIAM AUGUST MEYER, Honors
 DAVID ARTHUR NIEMANN, Honors
 RICHARD DUTTON PAYNE
 ROGER KENT RIEWERTS
 JAMES EDWARD SCHUSTER

In Food Science

DARREL EDWARD HERBST
 HERBERT HORN, JR.
 DAVID ALAN KUNTZ, Honors

WILLIAM AUGUST MARSHALL, JR.
 JUDY CAROL MATRAS

In Forestry

FREDERICK GEORGE BLASE
 JOHN HERBERT BLUM, High Honors
 DANIEL LEE CASSENS, Honors
 GARY WAYNE COLE
 DAVID WILLIAM CURRY
 RANDY ALLEN DUNBAR
 ROBERT CORNELL ECKERT
 RUSSELL ALLAN HIRSCHMAN
 ROBERT MARIUS KNUDSON, High
 Honors

BENJAMIN BERNARD KUTSCHEID
 RICHARD ALFRED LAWRENCE, High
 Honors
 CHARLES RAYMOND MASON, Honors
 LARRY JAMES OWEN
 PHILLIP DWIGHT POE
 GARY LAVELLE ROLFE
 WILLIAM RICHARD SCHMIDT
 ROBERT THOMPSON WILLIAMS, Honors

In Home Economics

BARBARA ANN ABBOTT
 CATHERINE WIT ALLEN
 MICHELLE HARRIET BAKER
 BARBARA ELLEN BIBLE
 PAMELA VICTORIA BOEHM
 MARY HUGHES BOWMAN
 BEVERLY ANNE BRIGGS
 MARLYN EBERT BROWN
 CHERYL JOAN BUTENSHEN
 PHYLLIS GWEN CHAPMAN
 MARY BRENT CHILDERS
 SUSAN CLARK

WANDA LOUISE CURNUTT
 SUZANNE MARIE CURTIS
 JANICE WRIGHT DAVENPORT
 JEANNE LYNN DELUCA
 DIANE GWINNE DOBRY
 SYLVIA DEAN DOUGLASS
 AUDREY JEAN DOYLE
 SUSAN KOCH FAHLING
 JUDY ANN FORTH
 MARSHA JEAN GRAY
 CHERI JILL HARRISON
 MARY MARGARET HESSE

PRISCILLA LAING HETTLER
 JEAN HOFFMAN
 ELEANOR FRANCES HUDERA
 SHARON LYNN HUEBENER
 SHARON LOUISE JEVERT
 LINDA SUE KEENE
 JANET ELAINE KELSEY
 BARBARA ANN KOSICK
 CATHERINE LOUISE LAMPRECHT, Honors
 DONNA SUE LEVIN
 JANET SUE LEWIS
 CHERYL JEANNE LINCK
 CHERYL LORRAINE LINDSEY
 LYNN FITZSIMMONS LITTLE, Honors
 MARY JO HENDRICKSON LORIMIER
 CAROL MUELLER MCCLURE
 KATHLEEN ANN MCELVEEN
 CONSTANCE PAGE MCGRADY
 BETTY JANE MEES
 LYNN KAYE LEWIS
 SUSAN RUTH MORGAN, Honors
 SUE ANN MUELLER
 CAROL ANN NESHEIM
 ARLENE JANE NIES, Honors
 JERI LYNN PARRISH

DOROTHY DIANE PAYDON
 MARY MITRICK PERISHO
 JANICE LYNN PORTER
 CAROL BOWDEN PUCKETT
 PATRICIA ROSE PUKSZTA
 SALLY ANNE RICE
 BETTE RAE ROBBINS
 SUSAN BESS SIEGAL
 PEGGY LYNN SIMON
 MARY THERESA SIMPSON
 JANET ROSE SLOBODA
 SUSAN ELIZABETH SMART
 SHEILA KAY SMITH
 MARILYN AUDREY SPEER
 LINDA ELAINE STEPHEN
 JEANNE ANN STETZLER
 BARBARA AHR SWEASY
 MARY JEAN SZEPESSY
 MARGA JENEVE THOMPSON
 HELENE URITZ
 DIANNA DUNN VEJTASA
 GLORIA JEANNE WHITNEY
 SHARON LOUISE WINELAND
 CAROL SUE WISE

In Home Economics Education

GERALDINE ANN BARTH
 CAROL ANN BROOKHART
 SYDNEY SCHMOYER DICKSON
 DIANE MARIE DORSETT
 NANCY HENRIETTA HENDRICKSON

MARY ELIZABETH MCQUEEN, Honors
 PATRICIA ANN PANISH
 KATHLEEN MUELLER REASON, Honors
 NANCY MUELLER SIMS, Honors
 PAULA REE WILLISON

In Restaurant Management

DANIEL RAYMOND KLEBER

CLIFFORD R. WENER

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical and Astronautical Engineering

DENNIS MICHAEL ALEXANDER
 DONALD JOE BAIRD
 JOHN PETER BARAN
 JAMES CARL BARNETT
 WILLIAM IRWIN BRODT
 PETER CONSTANTINE CARR
 THOMAS RICHARD DARNELL
 THOMAS GAYLORD DERBER
 THEODORE OTTO GUSTAFSON, Honors
 DONALD NOEL HAGSTROM
 CHARLES LAWRENCE HARTMANN
 KARL EDWARD HASZ
 LOUIS WENDELL HICKOK
 STEVEN DOUGLAS HIGHLAND, High
 Honors
 ROBERT EMMETT HOLLAND
 FRED MATTHEW JURAS, High Honors
 STEPHEN JULES KAPLAN
 ROGER LEE KEITHLEY, High Honors
 GUNNAR KYLLINGSTAD
 JERRY LYNN LACOST

WILLIAM ALLEN LONG
 KARL ARTHUR MEYER
 JOHN FRANCIS MICHEL
 JAMES LADDIE MIKESKA
 JOHN MICHAEL NICHOLAS
 KENNETH JAMES NORBROTEN
 JAMES MICHAEL NOVAK, Highest
 Honors
 DENNIS IRWIN POWELL
 LEE BURNNELL PURYEAR
 EDWARD LINDSAY RALSTON III
 RICHARD JOSEPH RAPP, Highest Honors
 EDWARD GEORGE SERGOYAN
 GERALD LEROY SIEMILLER
 DUANE REYNOLD TESKE
 FRANCISCO TORIZ
 PRESTON EDWARD UNEY
 ROBERT GENE VODICKA
 RALPH ROBERT WHITE, JR.
 CHARLES CHESTER WILCOX
 STEVEN WOODROW WILSON

In Agricultural Engineering

REYNOLD FREDERICK DURRE
KEITH HARRY HASELHORST
ROBERT PIKE KERR, JR.

JEAN-LOUIS RAKOTOMANANA
GARY WARREN TINDALL
CHARLES MICHAEL YEAGLE

In Ceramic Engineering

RONALD EDWARD AHRENS
JAMES CEDRIC BRUNNER
ROBERT EDWARD EGGBRECHT
JAMES TERRY FRAKES

KEITH ALAN HAUSCHULZ
KENNETH JOSEPH KUNA
DANIEL RICHARD OTTEN
JACK LEE SHOULDERS

In Civil Engineering

RICHARD GREGORY ANDERSON, High
Honors
THOMAS JOHN BALAMUT
WILLIAM MARSHALL BAXLEY, Honors
THOMAS BERNHARD BERNS
ALAN JAMES BLOTT
LARRY DENNIS BROOKS, Highest
Honors
LOUIS MICHAEL CASALE
RONNIE TSUNG-HAW CHEN
ANDREW CONSTANTARAS
STEPHEN GILBERT CRIPPEN
RAYMOND WILLIAM D'AOUST, Jr.,
Honors
GEORGE WILLIAM ERIO
EDWARD MICHAEL FRANK, High
Honors
ANTHONY DANIEL FREDA
JACK ALLEN GRONER
STEPHEN PAUL HEATH
KENNETH ALAN HEMSTREET
GERALD KENNETH HILL
LAWRENCE STANLEY HIRSCH, High
Honors
MELVIN LEROY HODGES
JOSEPH CARL HOVIOUS, High Honors
ROBERT LEROY JEFFERIES

CARL HOWARD JOHNSON
KENNETH ALLEN JONAK
HEINZ PETER KALETA
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- MARVIN IRA MEDINTZ, A.B., 1965
- EDWARD BENJAMIN MEHLMAN, A.B., Washington University, 1965
- MITCHELL JAY MELAMED, B.S., 1965
- EDWARD PAUL MILLER, A.B., Gannon College, 1965
- GEOFFREY CHARLES MILLER, B.S., 1965; Honors
- LAWRENCE THOMAS MILLER, A.B., Marquette University, 1965
- STANTON BERNETT MILLER, A.B., Miami University, 1965
- EMERSON LOGAN MOORE, A.B., Brown University, 1965
- JOHN STANLEY MORRISON, A.B., Colgate University, 1965
- DEAN ALLAN NANCE, B.S., 1965
- JERRY LOUIS NEWMAN, A.B., Bradley University, 1965
- JAMES LEONARD O'BRIEN, A.B., St. Ambrose College, 1961
- DWIGHT HERALD O'KEEFE III, A.B., Southern Methodist University, 1965
- MARC M. PEKAY, A.B., University of Michigan, 1964
- THOMAS ARTHUR POLACHEK, A.B., Michigan State University, 1965
- JOHN HOWARD POLLAK, A.B., University of Michigan, 1964
- CARMEN JOSEPH POLO, A.B., MacMurray College, 1965
- MICHAEL CHARLES POPER, B.S., 1965
- JOHN WILLIAM PRAGER, JR., A.B., University of Kansas, 1965
- MAXIMILIAN MICHAEL PRUSAK, B.S., 1965
- MELVYN ALLAN RIEFF, A.B., 1965
- JOHN MCMINN RIPPLEY, A.B., Westminster College, 1965
- JOHN CURTIS ROBISON, JR., A.B., 1965
- JOHN ANDREW RUPP, B.S., Indiana University, 1965
- RICHARD WILLIAM SANDROK, A.B., Wheaton College, 1965
- GERALD WILSON SAUNDERS, A.B., Emory University, 1964
- RONALD BRUCE SCHERTZ, A.B., Goshen College, 1958
- NEILL PAUL SCHURTER, A.B., MacMurray College, 1965
- EDWARD GEORGE SCHUSSLER III, A.B., DePauw University, 1965
- WILLIAM ELLIS SISLER, A.B., University of Iowa, 1965
- ALAN ELLIOT SOHN, A.B., 1965
- PAUL KELLY SORENSEN, A.B., DePauw University, 1965
- BRUCE ALLEN SPEAR, A.B., 1965
- LARRY DUNCAN SPEARS, A.B., 1963; M.S., University of Tennessee, 1965
- ROBERT JAMES STEIGMANN, B.S., 1965

- ROBERT EUGENE STEINHAUS, A.B., MacMurray College, 1965
 ARTHUR ROE STRONG, A.B., State University of New York at Buffalo, 1965
 RICHARD WILEY SWEAT, A.B., Ohio Wesleyan University, 1965
 MICHAEL MARK TARNOW, B.S., Wayne State University, 1965
 EVAN EDWARD THOMAS, A.B., Illinois College, 1965
 HUGH BLAKE THOMAS, A.B., DePauw University, 1965
 JON EDWARD THOMPSON, A.B., 1965
 JULES MICHELET TRAXLER, A.B., Shimer College, 1965
 GEORGE SPENCER TREES, JR., A.B., Amherst College, 1965
 MICHAEL EDMOND VAN DE KERCKHOVE, A.B., St. Ambrose College, 1964
 WILLIAM DALE VEDRAL, A.B., 1965
 RICHARD EARL VOSEPKA, JR., A.B., University of Iowa, 1965
 ALAN DAVID WALKER, A.B., Southern Illinois University, 1965
 JAMES GORDON WALKER, B.S., 1966
 WARREN JOHN WEST, A.B., 1965
 GERRY VAN WITTKAMPER, B.S., Northwestern University, 1965
 LLOYD YOST, A.B., 1965
 RICHARD GORDON YOUNG, B.S., University of Rochester, 1965
 CHRISTOPHER JOSEPH ZAJIC, B.F.A., 1950
 FREDRIC JOHN ZEPP, A.B., 1965; Honors

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In the Education of the Deaf

- | | |
|----------------------------|--------------------------------|
| PAMELA RENEE BERLIANT | MAUREEN LANDER |
| SYLVIA IDA DRELICH, Honors | INEZ CHERI SOIFER, High Honors |
| JOANNE MARIA EZAN, Honors | |

In the Education of Mentally Handicapped Children

- | | |
|----------------------------------|--|
| JOAN MARSHA ARTSTEIN, Honors | ARLENE JACOBSON LIPZIN, Honors |
| JOYCE ALENE BLUME | MARY ANN LYNN, Honors |
| MARY JANE GILBERT BUCHANAN | CHERYL FRAN PORT |
| AMY LOU GOSIN | NANCY HELENE ROVIN, High Honors |
| VIRGINIA MCCARTHY GUBSER, Honors | SARA JANE SCHAUB |
| PAULA CORRINE HERMAN | KATHLEEN LUCILLE SHERIDAN |
| JUDITH ALICE HOLZMAN | MARILYN RICKS TROTTER |
| MARY ANN JONES, Honors | MARCIA EDELSTEIN WEISSMAN, High Honors |

In Elementary Education

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|-----------------------------------|--|
| CAROL JEAN ANDERSON | EILEEN CLARICE BROWN |
| ELIZABETH HOPE ANDERSON | JEAN ERICKSEN BUCHIK |
| DONNA PEARLSTEIN ARQUILLA | ANNE LAURETTE BYERLY |
| MARCIA BAGAN, Honors | ROSE MARY CARTMILL |
| ROBERTA LOUISE BALL, Honors | MARY LOU CAUGHRON |
| SHERRY KAY BANDY | PATRICIA ELAINE CAVANAUGH, High Honors |
| MARY VIRGINIA BARTOLI | JANE ELIZABETH CHALCRAFT |
| CLAUDIA ELAINE BATISTA | CAROLYN ANN CLARK |
| CHERYL EWING BAUER | FAYE LOIS COCHRAN |
| KAYE MAXINE BEAN, Honors | SILVIA TIANO COTE |
| SANDRA SUE BELDEN | JEANNE DOROTHEA DE BEER |
| TRUDY JANE BENTSON | DORIS LYNN DIAMOND |
| MYRNA LYNN BENTKOVER, High Honors | BARBARA HONG DICKERSON |
| NAOMI HARRIET BERNSTEIN, Honors | CAROL LEE DICKERSON |
| RONNA JANE BLOCK | NORA ELLEN DOBDA |
| GAYLE CORINNE BORGESON | ROZANNE DOSICK, Honors |
| SUSAN KAY BRADEN | MARY ANNE DUIS |
| CAROLYN SUE BRADFORD | BYRON MICHAEL EDEN |
| JANICE EILEEN BRICKER | VIRGINIA ANNE EKROTH |
| JACQUELINE JANE BRITTON | CECELIA ELKIN |
| RENA SHARON BRONER | LINDA JO ELSNER |

ELANA SUE ENGELKING
 MARIAN LYNN EPSTEIN
 SUSAN HEDY ERLANGER
 JUDITH ELLEN ESHKON
 MARY JANE FAORO
 SARAH JANE FINAZZO
 INEZ LEE FINE
 FRANCINE GRACE FINN
 BARBARA JEAN FLUHLER
 RHODA ILENE FRIEDMAN
 MARY JEAN GARTUNG
 JEANNE ELIZABETH GAVIN
 ANN LAFFEY GERBER
 SUSAN HELEN GOLDBERG
 ANGELA MARGARET GORDON
 JOYCE ARMSTRONG GRUSY
 LAUREL ANN HAMPA
 JANET HALL HARGIS
 SUSAN BOYD HEIPLE, Honors
 SUSAN JEAN HENCLEWSKI
 ELAINE ALVINA HENCLEY, Honors
 MILDRED BIBLY HENLEY, Highest
 Honors
 ANN HERMAN, Honors
 ARCHANNA HODGSON
 YVONNE VALDES HOLLINGSWORTH
 DONNA LEE HULCHER
 MARCIA LYNN HULL
 LOIS JACOBS, High Honors
 NANCY LOUISE KANE
 BARBARA ANN KANIK
 RHONDA MERLE KASIK
 RONNA HOPE KATZ, High Honors
 JOANNE WALTERS KELLY, Honors
 BARBARA CAROL KERR
 KAREN GAIL KIPNIS
 DEIDRA OVELMEN KNOLL
 DIANE JODY KOPFMAN
 LINDA KAY LAMONT
 JANET KAPLAN LAPIDOS
 VICTORIA JOANNA LEA
 NANCY ROSS LEE
 JANET KAY LEVIN
 JOYCE GAIL LEWIS
 LAUREN ELLEN LEWIS
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 ANDREA BETH LOWY
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 MARY PHYLLIS LYNGE, Honors
 PANA LYNN MABREY
 DARLENE ALICE MARA
 CAROL SUE MARKS
 ARLENE NOMA MASLOWSKY
 LYNNE JOYCE MASOVER
 ADRIENNE MEISEL
 SUSAN ANN MERZ
 KATHERINE ANN MEYER
 MARILYN BARBARA MILLSTONE
 JUDY ARLENE MOLLER
 JANE ELLEN MOTZNY

LENKA MARIE MUNTYAN, Honors
 DONNA LEE NEMKE
 WILLO ELLA NIEBOW
 MARY JO NOAH
 RONNA H. NUDELMAN
 WILMA LUCILLE O'BRIEN, High Honors
 BONNIE BEL ODEGAARD
 PAULETTE GAIL ONGENA
 JANET LOUISE OSTRAND
 JUDITH AMES PAUL, High Honors
 ILONA MILENKA PINZKE
 DANITA KATHLEEN POTEMPA, Honors
 DIANE IRENE PRIEBE
 PATRICIA ANN PRIMM, High Honors
 JANICE WYFFELS RALPH
 DIANE CAROL REICHERT
 PHOEBE KAMELAKIS RIZOS
 LESLIE GAIL ROTH
 DONNA JEANNE ROZICH
 SUSAN RUDMAN
 RITA MARY RYAN, Honors
 PATRICIA ANN RYDBERG, Honors
 JANET WAYHAM RYDER
 SUSAN LEVY SCHOMER
 LINDA JEAN SENNE
 JOANNE LEE SHAPIRO
 WENDY NANCY SHEVIN
 LINDA SUE SHOTKE, Honors
 ARLEEN ELLA SIEGEL
 SANDRA JOY SIGOLOFF, Honors
 LYNN GAIL SILVERMAN
 DIANE LOUISE SNIDER
 JUDY KAY STEFFENS, Honors
 LINDA LUCRETIA STERNBERG
 SUSAN GAY STOLAR
 ROSALIND SALLY TANANA, Honors
 JANET PATRICIA TANDE
 NANCY RUTH TEMPLE, High Honors
 KATHLEEN THERESA TERRY, High
 Honors
 BARBARA ELAINE THORNLEY
 SANDRA KAY THAYER TOMKO
 SALLY JANE TROTT
 CHARLENE RITA TUCKER
 NANCY JEAN TURNER
 MARY ANN GREICIUS VOREIS
 MARY ELIZABETH WANDER
 JEAN PRISCILLA WARMBOLD, Honors
 BARBARA JEANNE WEINAND
 BETTE MAXINE WEISBERG
 LOUISE ELLEN WERITZ
 JEAN ALAYNE WETTERLING
 LYNNE PATRICIA WETTERSTEN
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 JACQUELINE KAY WILSON, Honors
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 ELLEN MIES WOODS, Honors
 DEBRA LYNN YANOWITZ
 ANN MICHELINE ZALSKI
 TRUDY ZELKIN, Honors

In Industrial Education

JOHN JOSEPH BEDLER
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DANIEL ROBERT INMAN
JAMES ALBERT LESNIAK

EDWARD LEE LYNCH
NORMAN JOHN SOHAN
DENNIS FRANCIS VAN MEENEN

In Secondary Education

NANCY JEAN ADAMSON
BRIAN JOSEPH BAUER
GARY ELWOOD CRAKES
MERLYN GLENN EARNEST
VINCENT ARCHER EGAN
RICHARD ALLEN GIBSON
EDDIE LEE HECKERT
MARYJEAN ANNE HYLAK
KENNETH LEONARD KOWALSKI
RACHEL DAWSON MARTIN
FRED STEPHEN MIERZWA

KAY ERLENE MOODY
STEVEN HAROLD PICKETT
VINSON BEE REYNOLDS
RONALD EUGENE SAUBERLI
DAVID PAUL SCHAFFER
EDITH SIMKOVICH, Honors
PHYLLIS JANE STOUT, Honors
JEAN ANN SWANSON
ROGER WAYNE TICE
FRANCINE VICKERY

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Accountancy*

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DENNIS EARL ARMSTRONG
STEVEN JAY BAHRMASEL
LEE RICHARD BARBAKOFF, Honors
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JAMES PATRICK BRAY
MARTIN JAMES CAMPANELLA, High
Honors
JOHN PAUL CASTRO
SEYMOUR ELLIOTT COLEMAN
CHARLES WARREN EDWARDS
CRAIG RUSSELL EHLEN, Honors
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ROBERT ARNOLD FERENCZ
DARLENE JO FERRANTINO
DAVID CAMPBELL FISHER, Honors
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DAVID FRIEDMAN, Honors
GLORIA ANN GALINSKI
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GILBERT HOWARD GREENE, Honors
WILLIAM HOWARD GRIFFITH, Honors
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STEVEN ALLEN HASSEBROCK, Honors
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JAMES JOHN JACKSON, Honors
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ROSEMARIE JOHNSTON
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MACAULAY UMUNA NWABARA
RONALD CARL OGNAR
JOHN WILLIAM OZAG
BARRETT RAY PETERSON, Honors
ROBERT ALLAN PETERSON
JOHN MICHAEL PHILLIPS
ROBERT JOHN PHIPPS
GLORIA JEANNE PITMAN
STEPHEN WILLIAM ROARICK
MICHAEL ZACHARY ROCKIN
MARK LEIGH ROSENBLUM
MARK SAUER
BRUCE CHARLES SCHIFF
BRUCE ROGER SENTZ
KENNETH RAY SIRESS, Honors
JOSEPH RICHARD SITAR
ROBERT AARON SMOLLER
MARION JOHN SZCZECZ
ARTHUR JOSEPH TANDY, Honors
LEON JOSEPH TWERSKY
ROBERT JOEL WHITE, Honors
THOMAS ANTHONY ZELNIO
CHARLES RICHARD ZIEGLER

In Commercial Teaching

DONNA JEAN DRAKE
JUDITH KATHRYN HENNE

CHARLENE HARRIET LINICK, Honors
DIANE LOUISE MOORE

NANCY DAVIS PACE, Honors
KATHRYN COMPARINI PIERCE

JAYNIE LEE WICHMANN

In Economics

TIMOTHY MASON BATES, Honors
OWEN CHARLES JOHNSON, JR.
JAMES BRUCE KIRK
FRANK MILES III, Honors
GEORGE FRANCIS MORIARTY

JOHN RANDOLPH PAYNE
RICHARD WILLIAM PRENDERGAST
DENNIS MICHAEL SARSANY
TERRENCE GEORGE WITT

In Finance

MICHAEL PHILIP AXELRAD
ELLIOT MICHEAL BERCOVITZ
PAUL THOMAS DAHLQUIST
JOHN THARP DOUGLAS
EDWARD HAROLD ENDERS
ROBERT RENARD FOWLER
GORDON JEREMY GREENE
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RENATE INGRID KALISCHEK
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RANDOLPH ANTHONY MARSH
CEDRIC VON MAYS

JOHN WALLACE MULLIKEN
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DANIEL PETER PAULSEN
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STEVEN EDWARD SHAY
ROBERT CLARENCE SMITH
ANTHONY CHARLES STEPPER, Honors
LAWRENCE MARTIN SWEENEY
ANITA KAY TRIPP
JERRY LYNN TURNER, Honors
FREDERICK MICHAEL WILKINS

In Industrial Administration

WARD SANFORD ARNOLD
GEORGE ROBERT BIDERMAN
GEORGE EDWARD BUCHIK
GERALD LEON CORDIS
PAUL LELAND CORNUE
FRED CUSTARDO
SCOTT BARRIE DIAMOND
JOHN MITCHELL DUNCAN
JOHN WARD FENTON
WILLIAM SUMMERS HAMILTON
FRANKLIN IVAN HOUGH
ROBERT DOUGLAS INGRAM

DAVID LEE JOHNSON
VINCENT ANTHONY LAUTER, JR.
SEYMOUR AARON LEVINE
ROGER LEE LUMAN
ALLAN RICHARD MACHAT
KEITH ROBERT MANGOLD
LEONARD SHELDON MASLOWSKY
MERLE GENE ROCKE, High Honors
STEPHEN ALEXANDER SMITH
MERRILY ANN STEINFORT
RANDALL KENNETH UNTER

In Management

DWAIN STUART ALBRECHT

In Marketing

JANET SUE CABANISS
KRISTEN SKOV HAGEN
JAMES ALBERT HOPWOOD
KAREN EVELYN KEPFORD
GARY REUBEN KLEIBER, Honors
RICHARD KENT ROBINSON

CONNIE LYNN RUDSINSKI
BRIAN JOEL SILVERMAN
NICHOLAS CRAIG STAHL
RICHARD MCEWEN SWANSEN
DAVID SIGMUND WILLENZIK

In Secretarial Training

VICKI LYNN HUFF

BARBARA ANN KELLERT

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Communications

TUREE LEE ALLISON
CYNTHIA SUE ASH
MILDRED ANN BAKER
MARGARET COX BALDWIN
JANE LOIS BALLETT, Honors
DANIEL JOHN BALZ
LAUREN ANN BATEMAN
KENNETH WILLIAM BLAN
CAROLE JEANNE BOLSTER

GEORGIA FRANCES BOORAS
MICHAEL FRANCIS BRAND
NICHOLAS WINTER BRIDGE
DONALD RAY BRIGGS
THOMAS GEORGE BURCH, JR., Honors
GEORGE EMIL CAGALA
CYNTHIA RUTH CONN
ANNE REID DALLMAN
ANDREW DAVIS

SHEILA MARY EAPEN	EARL MARVIN NELSON
SUSAN JANE ENGEL	NANCY EILEEN NETHERTON
JAMES EDWARD FAHNSTOCK	ELAINE ANITA NEUBAUER
ELIZABETH LUCILLE FITZPATRICK	CHARLES EDWARD OHRBERG
NANCY JOAN FREIFELD	JAMES EDWARD PARRY
STEPHEN ALAN FREW	MARGARET SUE PEASLEY
ROBERT ALAN GALLE	KAREN BETH PENNINGTON
WILLIAM EVERETT GEIST	LOUISE BRECKEL PETERS
CAROL JEAN GERHARDT	MARIAN JOAN PORCH
JOETTE KATHLEEN GETSE	GWEN ELAINE POTUCEK
MICHAEL PATRICK GILLESPIE	BETTY ANN PROCHASKA
MARILYN NANCY GOLD	PHYLLIS ANN RAHTERT
SUSAN ANNE GRAF	SUSAN CAROL READ
BRUCE RANDALL GRAY, Honors	RICHARD STEPHEN ROTZ
BARBARA ELLEN GREENFIELD	JOHN HURD SAXTAN
D'ARCY SUZANNE GUERIN	FRANCIS CARL SCHENCK
ROBERT MICHAEL HAGAN	GUY ERIC SERUMGARD
JEAN DIANA HAMILTON, Honors	JEFFREY ALLAN SHERMAN, Honors
HARVEY STEPHEN HECKMYER	ROSE-LEE SIMONS
MARCIA RUTH HEDBERG	DAVID LOWELL SLADER
JOHN CONRAD HELQUIST	MARTHA ANN SORGATZ
WILLARD LeROY HEMSWORTH II	PHILLIP JOSEPH STELLA, Honors
SANDRA KAY HENDERSON	ROBERT DEAN STROHM
ROBERT GRAHAM HERSHMAN	EDWARD JAMES STUPPY
TONI ELLEN HIGGINS	JUDITH ANN STYM
WILLIAM FRANCIS HILL	DOROTHY HORNADAY SUMMERS
KATHLENE ANN HOHMANN	PATRICIA ANN TICHENOR, Honors
TOMLINSON MILES HOLMAN II	GLENN ROBERT TROESTER
MARY ELIZABETH HUGHES	MARSHA JANE UPSON, Honors
RICHARD THOMAS JINKS	ARIE JOHN VANDER PLOEG
SHELDON DALE KIRSCH	MARY ELLEN VOLTAGGIO
MARK ALLAN KRUEGER	PAMELA REYNOLDS WADE
LINDA ANN LENZ	JEAN MARIE WAINWRIGHT, Honors
JOAN CLAUDIA LEWIS	MICHAEL FRANCIS WALLENSACK
VIRGINIA ANN LINDER	HOWARD JAY WALLMAN
SCOTT LLOYD LINDGREN	WILLIAM ALPHONSUS WATSON
DOUGLAS JACK MARCH	EILEEN ANNE WATT
STUART LEE MARCUS	DONALD ROBERT WHITE
MICHAEL BLANE McCLELLAN, Honors	JEFFREY LOUIS WHITE
BARBARA LISTON McINTOSH	SANDRA GALLAGHER WOLKEN
JANICE CARROLL MILLER	MICHIYO YAMAGUCHI
TIMOTHY FRANK MOORE	DIANE ILENE YUDOW
JEFFREY ROBERT MUISE	BRUCE LANE ZUMSTEIN

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

PAUL NOBLE ADAMS	ALPHONSE ARUNAS ILEKIS
HIROMI ASANO	WALTER NEAL JACKSON
GARY KEITH AUSTIN	ROBERT ANTHONY JAYDOS
THOMAS PETER BERRY	DAVID LEE JENKINS
KENT ALAN BRAWNER	JONATHAN PARHAM JOHNSON
LUTHER GORDON BUCY, Honors	DENNIS EDWARD KAJMOWICZ
ROBIN MCCOY CONVERSE	MICHAEL EVANS KANDRAC
EVERETT WAYNE CONWAY	DENNIS MICHAEL KELLY
ROGER CHARLES DAVIS	DALE ELMER KOSTNER, Honors
WILLIAM BARCLAY GILL	RICHARD MARTIN LINBLADE
STEPHEN HAROLD HAGEN	JAMES JEROME MOYNIHAN
RICHARD ALAN HARRISON	BRIAN GEORGE NOVAK
ROBERT HERSHEY HENDERSON	ANTOINE ELIAS RAFFOUL
WALTER WERNER HULTSCH	PETER ALAN ROTHBERG
ROBERT DARRELL HUNTER	WILLIAM HOWARD RUSSELL, Honors

RICHARD ALBERT SALOGGA, High
Honors
DAVID CHARLES SLATTERY, Honors
JAMES DOUGLAS SMITH, Honors
JAMES ELMER SPAREBUS
JUAN EULOGIO TAKIZAWA

RANDOLPH FRANK THOMAS
THOMAS WILBUR THORPE
GEORGE DIMOGRITOS TSENES
LAURENCE EUGENE VAUGHN
MICHAEL LEE WARD
ROBERT YOUNG

Degree of Bachelor of Fine Arts

In Art Education

MARIE THERESA CURTIS
PHILLIP CHARLES DUNN
DAVID CLYDE FREEMAN
KAY SCHWALBACH GONZALEZ, High
Honors
OREN SYDNEY JOHNSON
CAROL DREYER KENNEL, Honors

FREDRICA ANNE KUPPERMAN
HOPE GALE NICHOLAS
MICHAEL ALLAN PACE, High Honors
BARBARA LEE RUTLAND, Honors
RONALD JACK SALERNO
CAROL LEE SEARCH, Honors

In Crafts

WILLIAM EDWARD HAGERUP, JR.,
High Honors
JOYCE MARIE MOTY

PHYLLIS ANN PACIN
JOSEPH ROBERT ZELLER

In Graphic Design

MARY JO ANNIS
JANET LOUISE BAILEY, Honors
MICHAEL JAMES BERRY, Honors
LIA FATIMA BROWN, High Honors
PATRICIA JON CARROLL
PATRICK JAMES COLLINS
SUSAN GAIL DRAUT
NANCY SUE FLAKS, Honors
JEAN JANSEN GOODWIN
JANIS VALENE HYNE, Honors
LINDA RAE KONITZ

MARGARET FRANCES MICHELS
TODD RICHARD SANDERS
MARY CHRISTINE SCHAEFER, Highest
Honors
ROBERT PAUL SWEASY
ELSA MARGARETANN THEILE
RICHARD JOSEPH TOKESHI
CHERYL MAE WASETIS, High Honors
JAMES RANDAL WESTERGREEN
GARY EUGENE WILHAM, Honors
CSABA ZONGOR

In the History of Art

JEAN LOUISE ADAIR
BARBARA ANNE GREEN, High Honors
JOSEPH DONALD HUBBARD

JUDITH ANN KLEINSORGE
HELEN MARGARET MANNER, Highest
Honors

In Industrial Design

JOHN RICHARD BAILLEU
RAYMOND EDWARD BENSON
EARL EDWIN BERKUN
GORDON BOEHM
HANS RUDOLF GUNDERUD
CHARLES HENNIGHAUSEN
FRANK WILLIAM JOHONNOTT

STEWART ROBIN LAZARES
STEVEN WILSON SHULL
DAVID GENE ULTCH, Highest Honors
ANTHONY JOHN VANDER BURG, JR.
JAMES LARRY VOORHEIS
JOHN ALLISON WOODS
JOHN VINCENT ZARUBA, Honors

In Painting

PATRICIA MUSIAL DUNCAN, Honors
CATHY LYNN DWORTZ, Honors
BARBARA ANNE ENGLISH

RONDA LYNN HATHAWAY, Honors
GLORIA FERN LANDSMAN
JOHN FLOYD STURGEON, High Honors

Degree of Bachelor of Landscape Architecture

ROBERT JOSEPH EBL
STEVEN FRANK LUND

TERENCE JAMES MACH

Degree of Bachelor of Music

JON FRENCH DUTTON
ROBERTA SUE HUBER, Highest Honors
JOSEPH LEE INMAN, Honors

JANET LEE KAPLAN, Honors
CLEORA SUE KEELER, High Honors
SANDRA KUNGLE, Honors

JOANN MARGARET LOEFFLER LACQUET,
Honors
JEAN CROWLEY MARSHALL, Highest
Honors
MARK STEPHEN RIESENBERGER
SUSAN SCHROEDER, High Honors
JAMES ROBERT SKIDMORE, Highest
Honors

SARAH YOUNG SPEARS
PETER BREECE SWINDALL
DIANNE KEITH WESTERMAN, High
Honors
ANNA LOUISE WHITE
NORMA ANN WILSON

Degree of Bachelor of Science

In Music Education

CAROLYN BROCK-JONES ANDERSON
EDITH ELLEN BARNARD
LINDA KAY BOURNE, Honors
MARILYN JUNE BREWICK, High Honors
KENNETH EUGENE BRILLHART
THOMAS ALLEN CONNELLY
BARBARA JOHNSTON DAWS, Honors
DENNIS RAY DURBIN
DEBORAH JULAINE FAWCETT, Honors
RHONDA JEANNE FLEMING, High Honors
WESLEY RICHARD HABLEY
FRANK BASIL HARMANTAS, Honors
GREGG STUART HELGESEN
SUE ELAINE HOLLONBECK, Honors
DEBORAH IMLE
CAROL JO JACKSON, High Honors
KENNETH RAYMOND KREJCI, High
Honors
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ANNE MARIE MOLEK
SHARON OLDAKER
DAN CHARLES PAARLBERG
HAROLD RUDOLPH PHILLIPS, High
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RICHARD PAUL PRESTON
ARTHUR ALLEN REBLITZ, High Honors
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MARYELLEN TRUITT
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SUE ANN WHITE, Highest Honors
WILLIAM DAVID WINDHORST
RAYMOND LOWELL YOUNGER

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JOHN WILLIAM BAIE
EDWARD JAMES DAVIDSON
DANIEL EDWARD KOTULLA

JAMES BRUCE SMITH
RICHARD CHARLES UNWIN
PAUL TERRY WALHUS

COLLEGE OF PHYSICAL EDUCATION

Degree of Bachelor of Arts

In Dance

MARY ELIZABETH O'DONNELL, High
Honors

MARILYN DAWN WINTERBURG

Degree of Bachelor of Science

In Health Education

KENNETH THOMAS OLSON

In Physical Education

JUDITH RACKOW ANDERSON
VICTORIA DEAN AUER
JANE ELLEN BABKA, Honors
LINDA KAY BUNKER, Highest Honors
JEANNETTE CLARE BURDA
BONNIE LEE BYRNE, Honors
DIANE DOROTHY CARLSEN
RONALD CRAIG DUNLAP
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JOAN THURSBY PATTERSON
 GARY LEE UPP
 JANICE VICTORIA WANKA
 ROBERT CHARLES WEST
 MARGARET IRENE WILSON
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In the Teaching of Dance

DELORES JEAN ZOBEL

COLLEGE OF VETERINARY MEDICINE

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In Veterinary Medicine

SAMMY KAYE ALLEN, Honors
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 JAMES LOUIS AMMIRATI
 JOHN LEONARD BAUMANN
 RANDALL HUGH BORRI
 JOHN EDWARD BOURN
 RONALD CHARLES BOWEN
 JOHN WESLEY BYRD
 KENNETH DEE CAREY
 FRANKLIN ANDREW COBLE
 CHARLES ALLEN COHEN
 THOMAS JOSEPH DUNN, JR.
 TIMOTHY JAMES HARRIS
 PATRICK JOHN HEITZMAN
 PAUL WAYNE HESS
 JAYNE E. HOOKS
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 BRUCE EDWARD ILGEN
 MICHAEL DENNIS KASTELLO
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 JOHN MILTON LANGLOSS
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GARY GEORGE MAVES
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 DANIEL RAYMOND ZEHR

SECRETARY'S REPORT

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations; leaves of absence. A copy of the report is filed with the Secretary.

CHANGES IN SABBATICAL LEAVES OF ABSENCE

Chicago Circle

WINSBERG, LESTER, Professor of Physics, sabbatical leave granted him for fall and winter quarters 1968-69, on one-half pay, cancelled without prejudice.

Medical Center

ABILDGAARD, CHARLES F., Associate Professor of Pediatrics, sabbatical leave granted him for one year from July 1, 1968, one-half pay, or six months, full pay, cancelled without prejudice.

Urbana

REYNOLDS, EVELYN, Assistant Professor of Music, sabbatical leave granted her for first semester 1968-69, one-half pay, cancelled without prejudice.

REPORTS AND RECOMMENDATIONS FROM THE PRESIDENT OF THE BOARD

President Swain called attention to the schedule of the next two meetings of the Board of Trustees: July 24, 1968, in Urbana, having been changed by the Board from July 17; and September 18, 1968, in Urbana.

EXECUTIVE SESSION

President Swain announced that an executive session had been requested and was being ordered for consideration of reports and recommendations relating to property acquisitions.

On motion of Mr. Clement, the Board recessed for five minutes.

When the Board reconvened, the following reports and recommendations from the President of the University were presented and considered.

AMENDMENT OF AGREEMENT FOR PURCHASE OF 801 SOUTH WRIGHT STREET, CHAMPAIGN

(47) On April 20, 1966, an exchange agreement between the University of Illinois

Foundation, the Baptist Student Center, the Y.W.C.A., and the University of Illinois was authorized by the Board of Trustees. The agreement¹ anticipated construction by the Y.W.C.A. of a new building on the corner of Fifth and John Streets by July 1, 1968. It was understood that facilities on the first floor of the Y.W.C.A. Building at 801 South Wright Street would be made available at no cost to the Y.W.C.A. until the new building was built, but not later than July 1, 1969. On June 20, 1967, the Board of Trustees authorized the purchase of the property at 801 South Wright from the University of Illinois Foundation at a price of \$316,515.

The Y.W.C.A. has had difficulty in planning the construction of new facilities and has requested continued occupancy of the first floor at 801 South Wright Street until July 1, 1969. However, the first floor of the building at 801 South Wright Street now occupied by the Y.W.C.A. is urgently required for expansion of the Chancellor's staff of the Urbana-Champaign campus. Therefore, the Y.W.C.A. has agreed to vacate the space in September, 1968, provided the University or the Foundation reimburse them in the amount of \$7,500 so they may rent space within the Y.M.C.A. facility at 1001 South Wright Street, Champaign.

Accordingly, the Vice-President and Comptroller, the Chancellor concurring, recommends that the purchase price of the property at 801 South Wright to be paid the University of Illinois Foundation be adjusted to \$324,015 including the payment of \$7,500 to be made to the Y.W.C.A. for early occupancy of the first floor by the University. Funds are available in the state capital appropriations and have been released by the Governor.

The Board of Directors of the University of Illinois Foundation has reviewed this proposal and has indicated willingness to modify its agreement with the Y.W.C.A., subject to approval by the University.

I concur.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

SITE FOR MEDICAL SCIENCES BUILDING, URBANA

(48) The State Board of Higher Education in the "Campbell Report" has proposed the establishment of a medical sciences program for the Urbana campus. The program will provide basic teaching facilities and staff for one hundred premedical students with ultimate expansion to two hundred students. The curriculum is to be developed in the existing School of Life Sciences and will have close interrelationship with the staff, graduate, and instructional programs, and research among various divisions in the Department of Chemistry, as well as the Departments of Biology, Microbiology, the anatomies and other areas in the Life Sciences. Therefore, this facility should be located close to the existing departments in the Life Sciences.

It is proposed that the site for the Medical Sciences Building be in the south one-half of the block bounded by Illinois Street extended, Goodwin Avenue, California Avenue, and Mathews Avenue, Urbana. Other peripheral sites have been explored but this is the only available site within reasonable proximity of the existing Life Sciences-Chemistry facilities. Designation of this area as the site for the structure will necessitate property acquisitions on which specific recommendations will be submitted at a later date.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the area on the north side of

¹Under this agreement, the University was to transfer to the Foundation property at 502 and 508 East John Street in exchange for the Foundation's agreement to acquire Y.W.C.A. property at 801 South Wright Street and grant the University an option to purchase that property for \$316,515. The Foundation was then to acquire the property at 506 East John Street, and convey the north portions of the property at 502, 506, and 508 East John Street to the Baptist Student Center for the south portion of the property at 504 East John Street already owned by the Center. The Foundation would then exchange the south portions of property at 502, 504, 506, and 508 East John Street and \$186,515 for the Y.W.C.A. property at 801 South Wright Street.

California Avenue between Goodwin Avenue and Mathews Avenue, Urbana, be approved for the site for the proposed Medical Sciences Building.

On motion of Mr. Grimes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

On motion of Mr. Grimes, the Board adjourned.

EARL W. PORTER
Secretary

TIMOTHY W. SWAIN
President

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