



College of Agricultural,  
Consumer and  
Environmental Sciences

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN



# Explor → ACES



Friday March 9  
9am - 3pm

Saturday March 10  
10am - 2pm

2007



[www.aces.uiuc.edu/exploraces](http://www.aces.uiuc.edu/exploraces)

## Dear Students and Parents,

Welcome to the third annual ExplorACES—an event designed to showcase the College of Agricultural, Consumer and Environmental Sciences at the University of Illinois. Through hands-on, interactive exhibits, students from across our College will show you what we have accomplished as we progress in our fields of study.

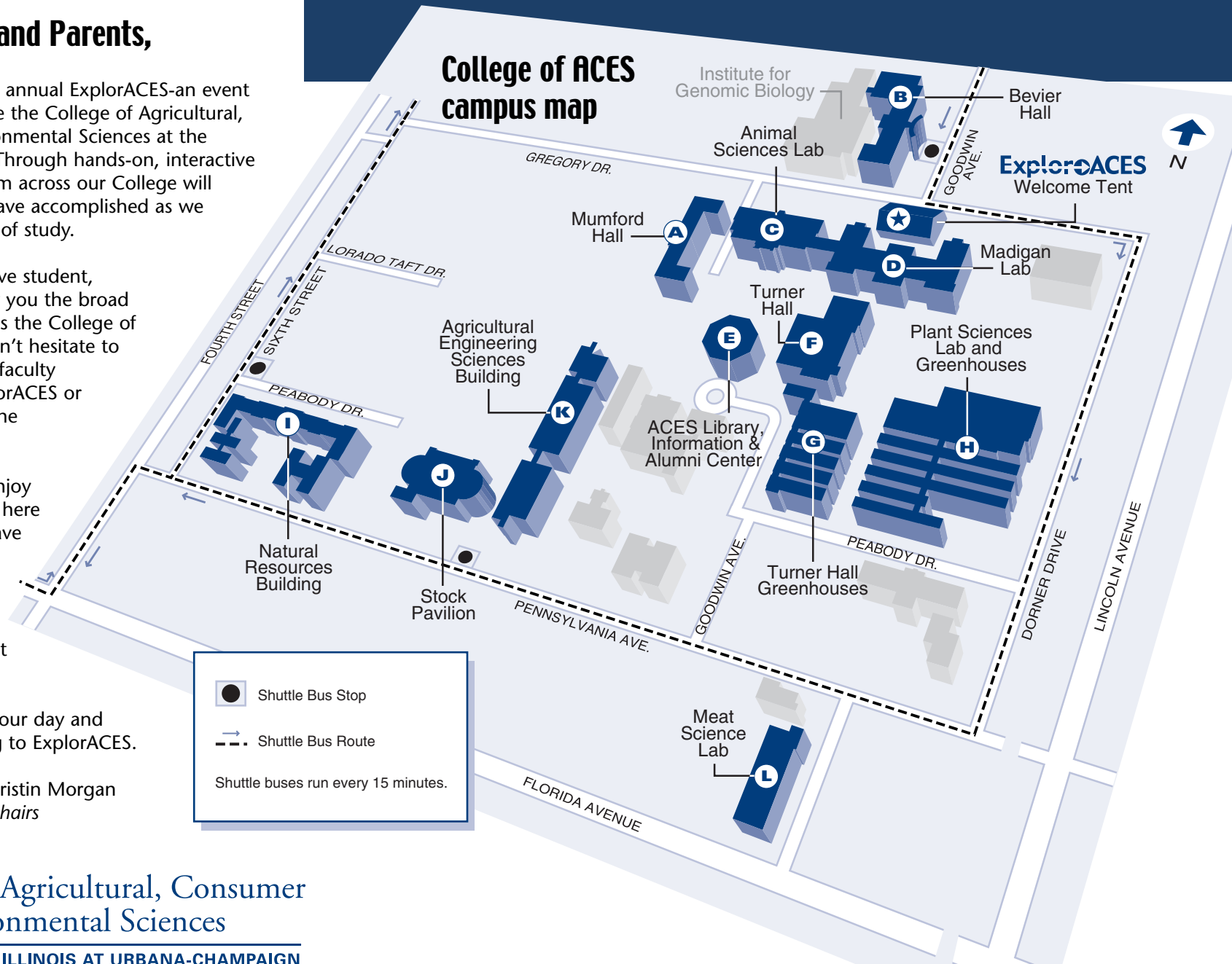
If you are a prospective student, ExplorACES will show you the broad range of opportunities the College of ACES has to offer. Don't hesitate to ask the students and faculty questions about ExplorACES or their experiences at the University of Illinois.

We're sure you will enjoy the 100-plus exhibits here at ExplorACES. We have a wide variety of exhibits including everything from tractor pulls to personal development events.

We hope you enjoy your day and thank you for coming to ExplorACES.

Thomas Maske and Kristin Morgan  
2007 ExplorACES Co-chairs

### College of ACES campus map



College of Agricultural, Consumer  
and Environmental Sciences

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN



# ExplorACES

MARCH  
9 • 10  
2007

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### ➤ Accessibility

All ExplorACES exhibits are accessible, but visitors should note that the floor in the Stock Pavilion is covered with wood shavings. If you need a reasonable accommodation to take part in ExplorACES activities, please call 217/244-4540 by March 7.

### ➤ Parking

Free parking will be available on both Friday and Saturday in Lot E-14, just west of the Assembly Hall, and free shuttle buses will make a continuous loop from the parking lot to the Engineering Open House to ExplorACES and back again. (See map on page 30.) On Saturday only, visitors may use the parking deck located at the corner of Dornier Drive and Gregory Drive. (On Friday, parking in the deck is only for permit holders.)

### ➤ Hungry?

You've come to the right place! Several student clubs in the College of ACES are selling burgers & other favorites in the Welcome Tent. In addition, the Bevier Café, in Bevier Hall will be open for business, serving a limited menu, on the Friday of ExplorACES.



## College of ACES Mini Classes

### Check out a mini class!

- See what a real college class is like
- Get the syllabus of an actual U of I class
- Take part in an interactive class demonstration
- Spend 15 minutes to see what a day in college is like
- Listen to and learn from an actual U of I professor



Mumford Hall

### Tip

*If you like the idea of mini classes, then check out the **Agricultural Education 250 Workshops** held in 122 and 144 Bevier Hall. See the schedule of workshops on page 17.*

Mini Class	Location	Schedule	Notes
<b>FSHN:</b> Nutrition: Carbs & Diabetes - How can a healthful diet embrace both?	180 Bevier Hall	Friday at 1:30 pm and Saturday at 11:00 am	Instructor: Rebecca Roach
<b>FSHN:</b> Introduction to Sensory Science	180 Bevier Hall	Friday only 12:00 pm & 1:00 pm	Do you want to learn more about how your senses work or how sensory evaluation is used in the food industry? Join this interactive presentation on sensory science. There is tasting involved, so bring your appetite! Instructor: Soo-Yeun Lee
<b>FSHN:</b> Food Science Introduction to food chemistry - protein structure & functionality	103 Mumford Hall	Friday at 2:00 pm and Saturday at 10:30 am & 12:30 pm	Have you ever wondered why egg whites change from transparent to opaque when heated? Or have you wondered why, when whipped, cream becomes a fluffy mass of deliciousness? Come learn all this and more! Instructor: Dawn Bohn
<b>NRES:</b> Floral Design to Music	1125 Plant Science Lab	Friday 11 am & 2 pm and Saturday at 11 am & 1 pm	Come be amazed by the beauty of floral design techniques set to music! This is one of ExplorACES most popular demonstrations! Instructors: on Friday - Dianne Noland, and on Saturday - Greg Pierceall
<b>CPSC:</b> Finding the right tool for the job - the many little hammers approach to managing pests	103 Mumford Hall	Friday at 9:00 am & 10:00 am and Saturday at 10:00 am & 12:30 pm	Pests are anything that is unwanted; in agriculture these include insects, diseases and weeds. This mini class will explore different options for managing pests while taking into consideration the effects on the environment, people, the crop and you. Instructor: Dawn Nordby
<b>CSI:</b> Crop Science Inquiry	W109 Turner Hall	Friday and Saturday at 9:30 am, 10:30 am, 11:30 am, 12:30 pm, 1:30 pm, 2:30 pm	Display your knowledge of plants, science and agriculture. Explore facts and fallacies of Crop Sciences using "I-clickers". Instructors: Cleo D'Arcy and Jonathon Lower

## Tours and Special Activities



*Capacity is limited on a few of the tours—so if there is one you really want to take, you may want to start your day with that tour and build the rest of your visit around it.*

Tours	Begins at	Schedule	Notes
ACES Campus Walking Tour	ExplorACES Welcome Tent	Tours will depart as requested	Tour will last approximately 30 minutes.
Food Science Pilot Plant	Room 165 AESB	Both days: 10 a.m. & 1 p.m.	Tour will last about 35 minutes.
Animal Sciences Lab & (optional) Meat Science Lab Tours	South doorway, Animal Sciences Lab	Both days: 10:30 a.m. & 12:30 p.m.	Tour will last about 60 to 90 minutes, including an optional walk to and from the Meat Science Lab (about 3 blocks).
Bevier Cafe and Spice Box Kitchen Tour	Meet at the top of the staircase in Bevier	Tours leave every half hour starting at 9:30 a.m. Friday & 10 a.m. Saturday. No tours 11:30-1:00 pm Friday. Hosted by the Hospitality Management Association.	
Molecular Genetics Lab Tour	Inside north entrance, Turner Hall	Both days: 10:00 & 11:00 a.m. and 12:00 & 1:00 p.m., plus Friday only at 2 p.m. Tour will take approximately 30 minutes.	
Funk ACES Library Tour	ACES Library, Circulation Desk, second floor	Friday: 11 a.m. & 12 noon Saturday: 11 a.m.	
Biological Collections Tour	Foyer of the Natural Resources Building	Both days: 11:00 a.m. & 1:30 p.m.	Tours are led by Illinois Natural History Survey Scientists.

Special Activities	Location	Schedule	Notes
Admissions Presentation	103 Mumford Hall	1 p.m. Friday only	Come with questions—leave with answers!
Career Talk: An Open Forum	Monsanto Room, basement ACES Library	Friday: 12:30 & 2:00 pm, Sat.: 11:00 am & 12:30 pm	Speakers will answer questions about the job market and career opportunities. Hosts: ACES Career Services & ACES Alumni Association
Agriculture Education 250 Workshops	122 and 144 Bevier Hall	See schedule on page 17.	Learn about Ag Ed 250 topics such as goal setting, public speaking and leadership skills.



*Students and staff are offering guided tours of several labs and other facilities during ExplorACES. Some tours will be offered at specific times, while others will operate continuously throughout the day.*

## What you'll find where

### If you are interested in studying...

Plant biology, including crop sciences, horticulture or forest science



Turner Hall, Plant Sciences Lab & Greenhouses, ACES Library

Animal biology, including livestock production, companion animals, animal nutrition, fish and wildlife or pre-veterinary studies



Animal Sciences Lab, Stock Pavilion, ACES Library, Plant Sciences Lab

Business, including agribusiness, consumer economics or resource economics



ACES Library, Information and Alumni Center

Engineering



Agricultural Engineering Sciences Building and the Engineering Open House (north campus)

Food science, human nutrition, dietetics or hospitality management



Bevier Hall, Agricultural Engineering Sciences Building, ACES Library

Families and communities, including child development



ACES Library, Bevier Hall

Agricultural/environmental education or communications



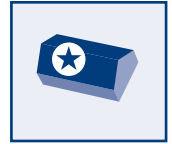
ACES Library, Bevier Hall

Natural resources and the environment



Plant Sciences Lab & Greenhouses, ACES Library

## ExplorACES Welcome Tent



North of Madigan Lab at the intersection of Goodwin Avenue and Gregory Drive [Map Code](#) ★

*If you are visiting ExplorACES with a class or other group, we encourage you to use this tent as your gathering place when it's time to meet up for the trip home.*

### Information Booth

Pick up your program here and talk with our knowledgeable guides.

### Tours of the ACES Campus

Join members of the ACES Student Advancement Committee on a guided tour of our little part of campus. *Tours will depart from the Welcome Tent as requested and will last approximately 30 minutes.*

### Food Service Area

Student clubs and organizations in the College of ACES are selling some mouth-watering favorite foods.



## ACES Library, Information and Alumni Center



**Map Code E**  
1101 S. Goodwin Ave., Urbana

Exhibits, tours and demonstrations relating to ACES academic programs, University admissions and financial aid, and the following majors: Agricultural and Consumer Economics; Ag Communications and Education; Animal Sciences; Crop Sciences; Food Science and Human Nutrition; Human and Community Development and Natural Resources and Environmental Sciences.



Accessible entrances on north and south sides of the building.



### Funk ACES Library Tours

The Funk Library of Agricultural, Consumer and Environmental Sciences is one of the newest libraries on campus. The "Jewel of the ACES Campus" offers students public computer access, a number of sophisticated computer instructional spaces, an extensive library of agricultural literature, group study rooms and a wonderful environment to study and meet.

Tours will be offered at 11 a.m. and 12 p.m. on Friday, and 11 a.m. on Saturday. Tours depart from the second floor circulation desk.

### ➔ Career Talk: An Open Forum

*Monsanto Room, ACES Library*

Friday: 12:30 & 2:00 pm and Saturday: 11:00 am & 12:30 pm

Graduates from the College of ACES are in high demand as employment opportunities for graduates with expertise in the food, agricultural and natural resources systems are expected to remain strong. More than 52,000 annual job openings are expected with only 49,300 graduates to fill them. Career Talk is presented by ACES Career Services and the ACES Alumni Association staff who will answer your questions about the job market and career opportunities that await ACES graduates.

### ➔ Impact Assessment of International Experiential Learning

*Morgan Room, ACES Library*

What are the real impacts of study abroad programs? This student examined how these programs impacted participant's future careers and educational decisions, as well as their views towards different cultures and ideas. Data from this project will be used to secure funding for future study abroad programs. *An ACES James Scholar project presented by Karen A. Nelson (Monmouth, IL).*

### ➔ Agricultural and Consumer Economics Club

*Morgan Room, ACES Library*

Visit the ACE club booth to learn how students get involved in the ACE department on campus. Participate in an interactive game to test your knowledge of the ACE department and earn a chance to win prizes.

### ➔ How Does President Bush's Marriage Initiative Affect Children?

*Morgan Room, ACES Library*

Examine this project and the implications of President Bush's Marriage Initiative by analyzing a dataset provided by one of the experimental sites. *An ACES James Scholar project presented by Jill Mueller (Mount Prospect, IL).*

### ➔ Farm Accounting Systems

*Morgan Room, ACES Library*

Discover how student research developed the FAST Tools Balance Sheet! *An ACES James Scholar project presented by Daniel J. Nugent (Manhattan, IL).*



## ACES Library, Information and Alumni Center

### DID YOU KNOW...



- 98% of ACES undergrads are from Illinois; 35% of graduate students are from countries other than the U.S.



#### ➤ Measurement of H-Indices for the American Agricultural Economics Association

*Morgan Room, ACES Library*

Student research finds the H-index is a measure of research productivity, meaning that an economist has published x papers with at least x citations each. This study examines the tendencies of former Fellows of the American Agricultural Economics Association over the past 10 years and attempts to predict the upcoming winners. *An ACES James Scholar project presented by Joseph Longley (Aledo, IL).*

#### ➤ Regulation of SembioSys' Biopharmaceutical Test Plots

*Morgan Room, ACES Library*

Investigate this student's study of the USDA's evolving biopharmaceutical regulatory system through a case study of SembioSys' safflower-insulin test plots in Washington during 2005 and 2006. *An ACES James Scholar project presented by Helena Livitz (Riverwoods, IL).*

#### ➤ International Business Immersion Program

*Morgan Room, ACES Library*

See how students gain applicable real-world skills through this ACE study abroad program. Students combine a one-semester course with an intensive, two-week themed research-based international experience. View presentations of prior trips through an interactive computer program.

#### ➤ Natural Resources & Environmental Sciences

*Heritage Room, ACES Library*

From downtown to downstream...from greenhouse to garden...on the farm and in the forest...NRES faculty, scientists, and students are working to improve the management of natural and urban landscapes. Stop by and see what we're about.



#### ➤ Crop Sciences Department

*Heritage Room, ACES Library*

What do Crop Sciences students study? What concentrations are available in Crop Sciences? What kinds of careers can Crop Sciences graduates pursue? Find out here!

#### ➤ Agricultural and Consumer Economics: Academic Programs

*Heritage Room, ACES Library*

Come learn about programs offered in the Department of Agricultural and Consumer Economics (ACE). Learn how to mold your major to fit your interests. Stop by to talk about your future in ACE with students and professors.



## ACES Library, Information and Alumni Center

### ➤ Human & Community Development

*Heritage Room, ACES Library*

Interested in people, teaching or communications? HCD offers programs in Human Development & Family Studies, Agricultural Education and Agricultural Communications. Students in these majors pursue careers in child care, social service agencies, schools, youth agencies, journalism, public relations, advertising, health care and more!

### ➤ Department of Animal Sciences

*Heritage Room, ACES Library*

Learn general information pertaining to an Animal Science degree such as different majors and course work. Plus, meet Dr. Carr, a meat science professor in Animal Sciences.

### ➤ Illinois Leadership Center

*Heritage Room, ACES Library*

Enhance your leadership! Learn more about Illinois Leadership—the experience you need for life—from U of I students who work at the Leadership Center. All leadership programs and services are free to U of I students, including more than a dozen i-programs offered each year, a leadership library, leadership consulting for student organizations, earning a leadership certificate and much more!

### ➤ Food Science and Human Nutrition Academic Programs

*Heritage Room, ACES Library*

Talk with FSHN students and faculty about Dietetics, Human Nutrition, Hospitality Management, Food in Business and Food Science. Hear what they teach and students learn in their classes and activities, then head over to Bevier Hall to see interactive student displays.



### ➤ ACES James Scholar Media Team

*Sims Room, ACES Library*

Meet the student writers and photographers who contribute to the ACES James Scholar Honors Program's monthly newsletter, alumni quarterly, and website—and learn about the doors of opportunity that writing and photography can open for YOU!

### ➤ ACES James Scholar Honors Program

*Sims Room, ACES Library*

Learn about the opportunities that the ACES James Scholar Honors Program can offer qualified students—including undergraduate research, the annual Honors Symposium, scholastic competitions and much more!

### ➤ ACES Study Abroad

*Sims Room, ACES Library*

At Illinois you will get a great education. Make it world class by studying abroad! Explore the many options available to you.

## DID YOU KNOW...



- 30% of ACES undergrads complete an international study trip or internship while an undergrad.



- Ninety-five percent of the College of ACES courses are taught by professors or academic professionals.

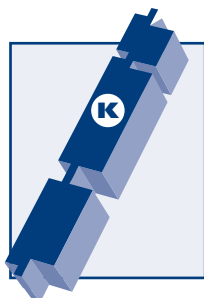
## DID YOU KNOW...



- The College of ACES Agricultural and Biological Engineering undergraduate program is ranked # 1 in *America's Best Colleges 2007* published by



- The College of ACES has more than 400 laboratories for use by researchers and students.



### Agricultural Engineering Sciences Building (AESB)

Map code: **K**  
1304 W. Pennsylvania Ave., Urbana

Exhibits and demonstrations relating to the following majors:  
Agricultural Engineering, Technical Systems Management, Food Science and Human Nutrition.



Accessible entrances at north end, south end and center of building.



#### ➤ Autonomous Harvesting (TSM 262)

*First Floor, AESB*

Learn how this harvester, an autonomous machine, sends emails to unloaders when its hopper is full. The unloaders respond by pulling up beside the harvester and unload it automatically. Is this scenario fiction or near future reality? Decide for yourself!

#### ➤ Building Environmental Control Simulator (ABE 374)

*First Floor, AESB*

Watch this simulator, consisting of fans, heating and cooling coils, air dampers, filters and control system. It demonstrates how the mixture of outdoor and recirculated air is heated or cooled. Learn how to control the distribution of this conditioned air to the space.

#### ➤ Illini Ag Mech Club

*First Floor, AESB*

Find out about resources the Illini Mech Club provides outside the classroom for students majoring in Technical Systems Management (TSM), to help them meet industry representatives, fellow students and faculty.

#### ➤ American Society of Agricultural and Biological Engineers

*First Floor, AESB*

The U of I ASABE student branch supports the pre-professional development of students in agricultural and biological engineering. ASABE provides a stimulating environment for students to grow in their developing career through student lead projects and events.

#### ➤ Baja SAE

*First Floor - Outside, AESB*

Join the excitement as the members of Baja SAE organization design, build, test and race single person off-road race cars. Meet members of the team and see the cars drive around and over anything!

#### ➤ Agricultural Biorefinery Concepts

*First Floor, AESB*

Come see how bioprocessing can recover useful coproducts during the production of biofuels. Research at the U of I is developing better methods of producing ethanol, protein, vegetable oil and other products that help build economic activity around renewable resources.

## Agricultural Engineering Sciences Building (AESB)

### ➔ Guided Tour of the Food Science Pilot Plant

165 AESB

Tour a working pilot plant where food scientists develop new ways of processing food. View the equipment for the following methods: pasteurization, various drying techniques, extrusion and commercial canning. Tours begin at 10 a.m. and 1 p.m. and will last approximately 35 minutes.

### ➔ Career Opportunities in Agricultural and Biological Engineering

First Floor, AESB

Visit the Department of Agricultural and Biological Engineering to learn about the many opportunities available to students. Agricultural and Biological Engineers solve engineering problems related to living organisms and systems. Careers are available in bioprocessing, renewable energy, water and air quality, food production systems and other areas. Employment is available in industry, government and academics.

### ➔ The New Black Gold: TCC Processing of Hog Manure to Produce Crude Oil

First Floor, AESB

Learn how the Bioenvironmental Engineering division of the Agricultural and Biological Engineering department is researching a thermochemical conversion process used to convert organic materials into a form of crude oil.

### ➔ Making Safety a Priority on the Farm

First Floor, AESB

Farming consistently ranks among one of the most dangerous occupations. Come learn how making safety a priority can result in beneficial long term effects for your operation. *An ACES James Scholar project presented by Steven Sauder (Eureka, IL).*



## U of I Engineering Open House Biological Systems Exhibit

### Sims: More Than Just a Computer Game

*Engineering Open House, Digital Computer Lab*

What do living on Mars and livestock grazing have in common? They are biological systems! This hands-on exercise shows how understanding connections within a system can help us understand systems as a whole. Put a map of these connections to use in a computer simulation of your own system.

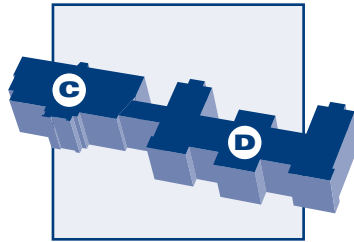


## Want to know what classes are like at the U of I?

Here's your chance to find out! Check out the Mini Class schedule on page 4 for topics, times and locations of ExplorACES mini classes that will last about 20 to 30 minutes.



## Animal Sciences Laboratory (ASL)



**Map Code C**  
1207 W. Gregory Drive, Urbana

Exhibits, tours and demonstrations relating to majors in Animal Sciences.



Accessible entrance on south side of the building.

**NOTE:** You'll find many more Animal Sciences exhibits and demonstrations—including those featuring live animals—in the Stock Pavilion. See page 22.

### ➡ Quail Brooder House (ANSC 467)

*First Floor, ASL*

Opportunities await students in Animal Sciences! Learn how students enrolled in ANSC 467 developed a scale model of a possible quail brooder facility located on the outskirts of Champaign.

### ➡ Hill Country Institute for the Training of Service Dogs (ANSC 467)

*First Floor, ASL*

Animal Sciences classes allow students hands-on experience. See a small building design, approximately 2ft x 2ft x 2ft, that represents ideal housing for service dogs.

### ➡ African Buffalo Housing Facility (ANSC 467)

*First Floor, ASL*

Visit a wood model of an African Buffalo late gestation and calving boma. This demonstrates the method of keeping wild African mammals in captivity, most commonly used in South Africa.



### ➡ The Role of PTHrP and PTH/PTHrP Receptor in Mouse Fetal Development

*First Floor, ASL*

Learn about hedgehog proteins that are important in fetal mouse gonad development, and PTHrP which is a member of this signaling pathway. The goal of this research project was to look for the expression of PTHrP and PTH/PTHrP receptors in fetal mouse gonads. *An ACES James Scholar project presented by Abigail Sasse (Beason, IL).*

### ➡ Psuedorabies Virus in Swine Trigeminal Ganglion

*First Floor, ASL*

Discover a study researching if a certain strand of the pseudorabies virus can reach and be expressed more quickly in swine trigeminal ganglion. *An ACES James Scholar project presented by Ted Johnson (Naperville, IL).*

### ➡ Swine Wean-Finish Facility

*First Floor, ASL*

Experience a swine wean-finish facility, made for an Animal Ecology class under Dr. Johnson. It includes a barn, pens, model pigs and even battery operated heating lamps.

## Animal Sciences Laboratory (ASL)



### ➤ Cloning and Expression of the Methanogenic Archaeal Enzyme MacDna2

*First Floor, ASL*

Experience this display to discover the goal of this project—to clone and express the enzyme Dna2 present in the methanogenic archaea *Methanosarcina acetivorans*. Dna2 is involved in Okazaki fragment maturation during DNA replication. The study tested for helicase and endonuclease activity in this enzyme. *An ACES James Scholar project presented by Julia Katzenbach (Hoffman Estates, IL).*

### ➤ Estrus Resynchronization in Beef Cattle

*First Floor, ASL*

Come learn about estrus resynchronization and other reproductive technologies in the beef cattle industry. View reproductive tracts, breeding tools, ultrasonic pictures, and try your luck at artificial insemination. *An ACES James Scholar project presented by Caroline Cua (Wilmette, IL).*

### ➤ A Lactation Study in Transgenic Swine

*First Floor, ASL*

Learn about this James Scholar's research studying a group of transgenic swine in which a bovine gene was inserted to control lactation output. The result of the gene manipulation was a change in milk let down prior to parturition. *An ACES James Scholar project presented by Andrew Kuster Hennenfent (Smithshire, IL).*

### ➤ Animal Sciences Lab and Meat Science Lab Tour

*First Floor, ASL*

Tours of the Animal Sciences Lab and Meat Science Lab start at 10:30 and 12:30. Meet at the South entrance of ASL near the Animal Sciences exhibit. Explore Dr. Kesler's lab and Dr. Cann's lab, as well as the Meat Science Lab.

### ➤ Occurrence of Ticks among Small Mammals in Allerton

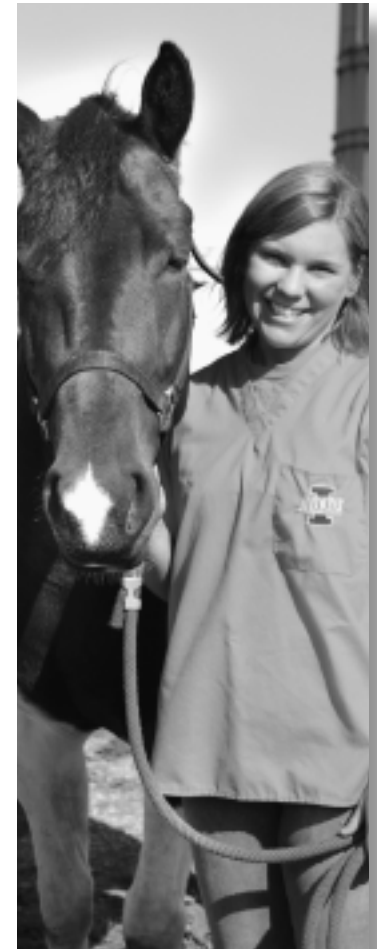
*First Floor, ASL*

Examine research information on tick occurrence among small mammal populations in Robert Allerton Park. *An ACES James Scholar project presented by Jennifer Rydzewski (Dolton, IL).*

### ➤ The Effect of Sprayed Dried Animal Plasma in the Diet of Post Weaned Pigs on Bacteria Flora in the GI Tract

*First Floor, ASL*

Find out what impact sprayed-dried animal plasma has on bacteria flora development in the GI tract of juvenile pigs. Bacteria populations were categorized using DNA isolation, PCR, and gel electrophoresis. *An ACES James Scholar project presented by Kurt Perryman (Wentzville, MO).*



## Animal Sciences Laboratory (ASL)



### ➤ **Manipulating Thermoregulatory Responses in Baby Pigs**

*First Floor, ASL*

This student's research examined an experimental group of pregnant sows that were given a feed additive. The piglets were either challenged with LPS or injected with saline. Blood samples from the piglets were analyzed for cortisol and various cytokines. *An ACES James Scholar project presented by Abigail Lashbrook (Marshall, IL).*

### ➤ **Age-related changes in hippocampal neuron morphology after activation of the innate immune system**

*First Floor, ASL*

Learn about the aim of this research, which was to determine if inflammation affects neuron morphology, specifically spine density, in the dorsal CA1 of the hippocampus in adult and aged mice. No significant differences in spine density were seen between treatment groups. *An ACES James Scholar project presented by Annie Parkin (Galesburg, IL).*

### ➤ **The Wonderful World of Alpaca Farming**

*First Floor, ASL*

Learn about alpaca housing projects developed from ANSC 467 classwork.

### ➤ **Monitoring Reproduction in Felids via Fecal Progesterone**

*First Floor, ASL*

A look at the feline reproduction through fecal progesterone analysis. To do this, further understanding will be elucidated through literature searches and the development of methodology for fecal progesterone in felids. *An ACES James Scholar project presented by Stephanie Noller (Libertyville, IL).*

### ➤ **Brookfield Zoo Internships**

*First Floor, ASL*

Learn about the experiences and opportunities offered to interns at Brookfield Zoo.



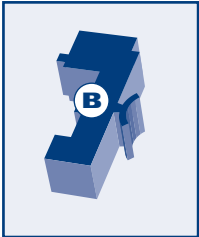
## DID YOU KNOW...



- ACES offers 12 majors with 42 concentrations at the undergraduate level.



## Bevier Hall



**Map Code B**  
905 S. Goodwin Ave., Urbana

Exhibits, tours and demonstrations relating to the following majors:  
Food Science and Human Nutrition;  
Agricultural Education and  
Communication; Human

Development and Family Studies.



Accessible entrance is on the north side of the building.



### ➔ The Association of Food Technologists

*Bevier Commons, Bevier Hall*

AFT fosters a close relationship among the Department of Food Science students and faculty. Our club encourages leadership and educates students on the realm of Food Science. Stop by AFT's booth and spin the wheel to learn more about food science and win some prizes.

### ➔ Child Development Lab

*Bevier Commons, Bevier Hall*

Students have the opportunity to gain valuable experience in learning how to work with children. See and overview our CDL classrooms and activities for children from the ages of six weeks to 5 years of age. Students working in these classrooms are mentored by our Master Teachers.

### ➔ A Rainbow a Day Really Does Keep the Doctor Away!

*Bevier Commons, Bevier Hall*

The Nutritional Sciences Graduate Student Association will show you the connection between diet and health...in a very colorful way! Come to their booth to learn exactly why you should eat your fruits & veggies. Learn about the rainbow of phytonutrients, and then show off your new knowledge in our color game. You might even win a prize!

### ➔ Is Ag Communications Right for You?

*Bevier Commons, Bevier Hall*

Get to know the U of I Agricultural Communications program and the specialized niches available for Ag Com students. Get acquainted with Ag Com, meet faculty and students to learn where an Ag Com degree can take you!

### ➔ Food Product Development

*Bevier Commons, Bevier Hall*

Do you know what is involved in bringing your latest favorite food from an idea to the product you buy in the supermarket? Interested in learning how to develop new food products? Come see this exhibit!

### ➔ Hospitality Management Association

*Bevier Commons, Bevier Hall*

The Hospitality Management Association is comprised mainly of students majoring in Hospitality Management, but there are some non-majors in the group. This exhibit features a tour of the Bevier Cafe/Spice Box kitchen, garnishing demonstrations and cake decorating. Tours begin every half hour beginning at 9:30 a.m. on Friday (No tours to be given from 11:30 a.m. to 1:00 p.m. on Friday) and beginning at 10:00 a.m. on Saturday.

### ➔ Attend a Mini Class!

Several classes are in session in Bevier Hall during ExplorACES just for you. See the complete schedule on page 4.

## DID YOU KNOW...



- Each year, more than 100 businesses, agencies and organizations interview ACES students for internships and employment opportunities.

## ARE YOU HUNGRY?

**The Bevier Café** will be serving a limited menu during ExplorACES (Friday only). You will find the café on the north-west side of the second floor of Bevier Hall.



### Bevier Hall

#### ➤ The Truth Behind the Taste

*Bevier Commons, Bevier Hall*

See members of the Student Dietetic Association present three exhibits focused on different aspects of nutritional health. Come find out what's really in that bag of chips and liter of soda, while learning how to assess and improve your own health.

#### ➤ Impact of Soy Isoflavones on Piglet Immune Development and Function

*First Floor, Bevier Hall*

See research results from a project titled "Impact of Soy Isoflavones on Piglet Immune Development and Function" under Dr. Sharon Donovan in Food Science and Human Nutrition. *An ACES James Scholar project presented by Sarah Taylor (Mount Prospect, IL).*

#### ➤ Impact of heel ultrasound information education on calcium intake

*First Floor, Bevier Hall*

Come learn more about an osteoporosis prevention program and its effects on calcium intake. The program composition, results, and research paper will be on display. ExplorACES visitors can have their frame size measured to discover risk factors for osteoporosis. *An ACES James Scholar project presented by Sheena Patel (Schaumburg, IL).*

#### ➤ Powerful Papaya

*First Floor, Bevier Hall*

Papaya fruit provides multiple health benefits, however, dramatic limitations exist in distributing the fruit. Thus, there is a need to develop an acceptable processed papaya product. This research was conducted to do just that! *An ACES James Scholar project presented by Cassie Turzy (Antioch, IL).*



#### ➤ The effects of colostrum on proglucagon expression by STC-1 enteroendocrine cells

*First Floor, Bevier Hall*

Discover how colostrum, found in breast milk, promotes intestinal growth. Proglucagon mRNA codes for GLP-2, an intestinal hormone which is trophic to the intestine. This project examines the effects of colostrum on proglucagon mRNA abundance in STC-1 enteroendocrine cells. *An ACES James Scholar project presented by Shayna Peter (Chicago, IL).*

#### ➤ Prevention of Overweight Children Enrolled in the Head Start Program Through Nutrition Education Directed at Teachers and Parents

*First Floor, Bevier Hall*

Learn about this undergraduate project aimed at the development of nutrition education materials. These materials present healthy food choices and physical activities in a child- and parent-friendly format utilizing different digital media resources. *An ACES James Scholar project presented by Chelsea Wood (Mahomet, IL).*

## Bevier Hall

### ➔ Essentials for Eaters and Dieters Website

First Floor, Bevier Hall

Visit us in Bevier Hall and on the web! This exhibit showcases a website designed by James Scholar students to provide a reliable source of nutrition information. Their goal is to offer concise and practical eating advice to those interested in improving their diet and lifestyle. *An ACES James Scholar project presented by Kathryn Mysko (Northbrook, IL).*

### ➔ Dietary Treatment and Counseling of Polycystic Ovary Syndrome (PCOS) in College-Age Women

First Floor, Bevier Hall

Come view a poster display about current literature on Polycystic Ovary Syndrome. Learn the summary of a needs assessment conducted about educational materials on PCOS for college-age women in the Big Ten Conference and the Midwest. *An ACES James Scholar project presented by Rachel Johaneck (Champaign, IL).*

### ➔ What makes a successful restaurant?

First Floor, Bevier Hall

Do you like eating at restaurants? This exhibit explores the essentials needed by restaurants and the people who run them in order to be successful. Compare their beliefs to scientific research and interviews with experienced professionals in the industry. *An ACES James Scholar project presented by Allen J. Tran (Chicago, IL).*

### ➔ Social Competence vs. Popularity

First Floor, Bevier Hall

Interested in learning more about kids? This study determined the relationship between social competence and popularity among preschool aged children. *An ACES James Scholar project presented by Ashley Levit (Buffalo Grove, IL) & Alexis Gellar (Highland Park, IL).*

## Attend a Workshop!

Get a taste of the Ag Ed class experience in these 30-minute sessions, and learn lessons to apply to your life!



## Agricultural Education 250 Workshops

### ➔ Blueprint to Success

Friday 12:00 p.m., 12:30 p.m.  
Saturday 11:00 a.m., 11:30 a.m.  
122 Bevier Hall

Have you ever built a structure without any plans? Did it stand or crash and burn? Here you will discover how goal setting will help you climb mountains, build bridges or even make a peanut butter and jelly sandwich!  
Presented by Becky Littlefield and Jason Perry, AG ED 250 students

### ➔ Follow the Leader

Friday 11:00 a.m., 11:30 a.m.  
Saturday 11:00 a.m., 11:30 a.m.  
144 Bevier Hall

We all have the capability to be a leader and influence positive change. Learn how to enhance your leadership skills to make a greater impact! Participate in this workshop to learn how to be a better leader in your own right and how your leadership practices affect others around you!  
Presented by Dan Klopfenstein and Phil Wilkey, AG ED 250 students

### ➔ Taming the Talk

Friday 9:00 a.m., 9:30 a.m.  
Saturday 12:00 p.m., 12:30 p.m.  
122 Bevier Hall

At some point, everyone is forced to speak up. When it's your turn – will you be ready? We'll teach you how to make your talk match your walk!  
Presented by Kathy Novotney and Dane Hunter, AG ED 250 students

### ➔ Ingredients for Ag Ed Success

Friday 1:30 p.m., 2:00 p.m.  
Saturday 10:00 a.m., 10:30 a.m.  
122 Bevier Hall

What does it take to succeed in Agricultural Education (Ag Ed)? Find out here! Learn how to combine key ingredients, communication and leadership, to accomplish a successful recipe! Join us as we cook up all the necessary ingredients that make up the Ag Ed soup!  
Presented by Jaye Snyder and Josh Rund, AG ED 250 students



## Bevier Hall

### ➤ Bevier Cafe Tours

*Second Floor, Bevier Hall*

Tour the newly renovated Bevier Cafe! This cafe is staffed by Hospitality Management and Dietetics students in the Quantity Foods Preparation and Service course. Tours leave every half hour starting at 9:30 a.m. on Friday and 10:00 a.m. on Saturday. (No tours between 11:30 a.m. 1:00 p.m. on Friday due to lunch hours.)



### ➤ Assessing Needs of Diabetic Hispanics

*First Floor, Bevier Hall*

Interested in learning more about diabetes? This research project assessed the need for more educational programs for diabetic hispanics in Champaign-Urbana through interviews. The project also examined the cultural appropriateness of existing Spanish-language materials for diabetics. *An ACES James Scholar project presented by Meg Dill (Mendota Heights, MN).*

### ➤ Teaching to Different Learning Styles

*First Floor, Bevier Hall*

Discover how this James Scholar's research project determined the aspects of teaching to various learning styles. *An ACES James Scholar project presented by Holly Eichelberger (Eureka, IL).*

## DID YOU KNOW...



- ACES offers Master of Science and PhD degrees in 8 program areas.

## ➤ Hey! What's that new building behind Bevier Hall?

While the Institute for Genomic Biology is a campus wide endeavor, the building houses research in areas of ACES expertise. Molecular Bioengineering of Biomass Conversion, and Regenerative Biology and Tissue Engineering are two examples of research involving ACES that take place in this 186,000 square foot building. This facility, completed in October of 2006, houses 400 faculty, staff and students. In recent news, the University of Illinois at Urbana-Champaign will join the University of California at Berkeley and the Lawrence Berkeley

National Laboratory in forming the Energy Biosciences Institute to study biofuel production. The energy company, BP, is providing \$500 million to fund the research program. Scientists at Illinois will build on their pioneering research in the use of Miscanthus as a bioenergy crop. Their earlier work found that this hardy perennial grass is more than twice as productive as switchgrass when converted to fuel. Miscanthus is now considered a front-runner in the effort to find an economical and environmentally friendly fuel source.

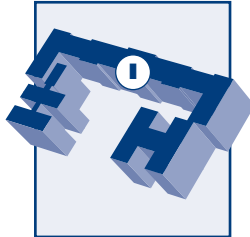


## Natural Resources Building

### Map Code ■

607 E. Peabody Drive, Champaign

Even though it's not a part of the College of ACES, the Illinois State Geological Survey's Open House offers many exhibits that may be of interest to ExplorACES visitors—especially families with young children.



Accessible entrance is at the center doorway on the north side of the building.



### ISGS Open House



Come join the fun and excitement at the 2007 ISGS Open House on Friday, March 9, from 9:00 a.m. until 3:00 p.m. and Saturday, March 10, from 10:00 a.m. until 2:00 p.m.

Learn about the ISGS, watch the geologic history of Illinois come to life in "Build Illinois," hunt for buried treasure at the "Kids Fossil Dig," try to stump our geologists with your questions (ask why a dinosaur has never been found in Illinois), get up close to a drill rig that can penetrate hundreds of feet into the Earth's surface, learn about our state's energy resources, and much more. The 2007 ISGS Open House will feature exhibits, demonstrations, and hands-on activities of interest to the general public, students and teachers of all levels, and those who may be interested in geology-related careers.

- Kids's Fossil Dig
- Hands-on lab experiments and activities
- Mapping workstation—use computers to create and print out a map of your own backyard
- Build Illinois—an engaging demonstration of Illinois' geologic history
- Fun with Gases, Liquids, and Solids: Physical Chemistry in Action
- Rock, mineral, and fossil displays
- Sloth Says...Ice Age, WHAT?—a "hands-on" exhibit about the materials deposited by glacial ice in Illinois
- Illinois from Space—have you ever wondered what your house or hometown looks like from space?
- Many more exhibits, demonstrations, and activities relating to the ISGS and the geology of Illinois

Find more information on our Web site at [www.isgs.uiuc.edu](http://www.isgs.uiuc.edu). For additional information or to arrange a group field trip, please contact LaDonna Pearl at (217) 333-0294 or send your request to [openhouse@isgs.uiuc.edu](mailto:openhouse@isgs.uiuc.edu).

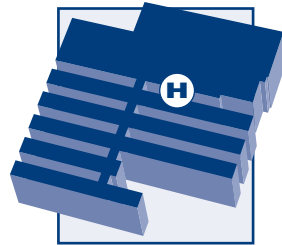
### Illinois' Biological Memory

*Foyer, Natural Resources Building*

Meet in the foyer of the Natural Resources Building at 11am and 1:30 pm on Friday and Saturday for guided tours of the world class biological collections of the Illinois Natural History Survey. Tours are led by INHS Scientists.



## Plant Sciences Lab (PSL) and Greenhouses



**Map Code H**  
1201 S. Dornier Drive, Urbana

Exhibits and demonstrations relating to majors in Natural Resources and Environmental Sciences (NRES), including Horticulture.



Accessible entrances on north and east sides of the Plant Sciences Lab (main building).

### Attend a Mini Class!

#### Floral Design Set to Music

1125 Plant Science Lab  
Friday at 11:00 am & 2:00 pm  
and Saturday at 11:00 am & 1:00 pm

Come be amazed by the beauty of floral design techniques set to music! This is one of ExplorACES most popular demonstrations! Instructors: Friday - Dianne Noland, Saturday - Greg Pierceall

#### Climate Effects on Sex Ratios of Red-Winged Blackbirds

First Floor, Plant Science Lab

Under the guidance of Dr. Patrick Weatherhead, this student examined the possible relationship between climate changes and sex ratios of Red-Winged Blackbird nestlings using field data from 1985 to the present. *An ACES James Scholar project presented by Jennet Knox (Sugar Land, TX).*

#### The Wildlife Society-Illinois Student Chapter

First Floor, Plant Science Lab

The Illini Wildlife Society presents past activities and current organization projects. Come see mammal skins and bird specimens on display accompanied by a short quiz.

#### The Role of CERTs in Illinois

First Floor, Plant Science Lab

Visit this poster display to explore the research projects, brochures and additional information about CERTs and Citizen Corps. *An ACES James Scholar project presented by Joanne Rinaldi (Harwood Heights, IL).*

#### Parks vs. Backyards

First Floor, Plant Science Lab

Where did you play as a child, in your backyard or local park? How big was your backyard? This research project asks whether the price of houses with larger lots is affected by park proximity. *An ACES James Scholar project presented by Farah Abi-Akar (Peoria, IL).*

#### Illinois Turf Club

First Floor, Plant Science Lab

Come visit Illinois Turf Club as they present a cup of green! Students can plant and grow turf, which is grown on some of the best golf courses in the country.

#### Horticulture Club

First Floor, Plant Science Lab

Visit the Horticulture Club exhibit to propagate your very own plant! We have several plants for you to choose from and will show you how to propagate a new plant from a cutting. Also, view our display board to see how fun the Horticulture Club is and how to join.

#### The Impact of Phosphorus from Sewage Effluent on Algae Growth in Rivers

First Floor, Plant Science Lab

Learn about the impact of phosphorus on algae growth in streams located in an agricultural area of Illinois, which also receive sewage effluent. *An ACES James Scholar project presented by Linda Jacobson (Schaumburg, IL).*

#### Illini Orchid Club

First Floor, Plant Science Lab

Here's your opportunity to view a plethora of orchids, displaying different aspects of propagation and orchid family diversity. Hopefully there will be many blooming plants!



## Bevier Hall

### ➡ Development and Conservation in Laboya, Senegal

*First Floor, Plant Science Lab*

Don't know much about West Africa? This study examines struggles over natural resources in a village in Senegal, West Africa. Interviews and documentation reveal how state and local actors seek to use conservation and development to cement their claims to resources at the expense of 'outsiders.' *An ACES James Scholar project presented by Ewan Robinson (Urbana, IL).*

### ➡ Uncertainty and Scale Issues in Linking Climate Change to the Watershed Scale: Ideas in Landscape Classification and Use of NASA Remote-Sensing Data

*First Floor, Plant Science Lab*

Enhance your mind by visiting this presentation of research performed on global change models, landscape classification, water resource management, uncertainty and scale. *An ACES James Scholar project presented by Kang Chang (North Aurora, IL).*



### ➡ A Case Study of Site Quality Effects on Nitrogen Production of Black Locust (*Robinia pseudoacacia*)

*First Floor, Plant Science Lab*

This James Scholar's case study explores the site quality effects on nitrogen production of the black locust tree. Agricultural tests show a reduction of nitrogen fixation with improved site quality, but no significant research shows this to be true in a natural environment. *An ACES James Scholar project presented by Patrick Baldwin (Glenview, IL).*

### ➡ HPLC Analysis of Allicin and Other Thiosulfinates in Garlic Supplements

*First Floor, Plant Science Lab*

Come learn about this experiment that used high performance liquid chromatography to compare the levels of allicin and other thiosulfinates in several common garlic supplements. The thiosulfinate compounds found in garlic are those thought to confer various health benefits. *An ACES James Scholar project presented by Allyson A. West (Champaign, IL).*



## DID YOU KNOW...



- More than 70% of ACES undergrads complete at least one internship.



## DID YOU KNOW...

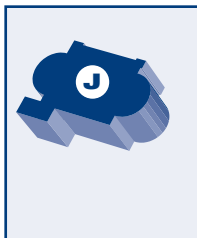


- About 35% of ACES graduates go on to graduate or professional school in medicine, veterinary medicine, law or business.



- ACES faculty have received 8 national and regional awards for outstanding teaching from USDA (tied for the highest number in the U.S.).

### Stock Pavilion



**Map Code J**  
1402 W. Pennsylvania Ave., Urbana

Exhibits and demonstrations relating to Animal Sciences majors.



Accessible entrance on the south side of the building.



#### ➔ Sheep Housing Project (ANSC 467)

*Stock Pavilion*

Companion Animals Club presents their project to design a housing facility that could support sheep in all kinds of conditions. This semester long project required immense calculations and consideration for the animal's specific needs.

#### ➔ Illini Poultry Club

*Stock Pavilion*

Visit the Illini Poultry club and see chicks hatching throughout the day, tame hens to pet, various egg and poultry information, and enjoy a fun trivia game!

#### ➔ Illini Dairy Club

*Stock Pavilion*

The Illini Dairy club presents dairy science posters, information for student field trips, feedstuffs, a cow stomach, an interactive milk-a-cow booth and the fistulated cow (a cow with a hole in her side)!

#### ➔ Companion Animals Club

*Stock Pavilion*

Stop by the Companion Animals Club booth and get a hands-on experience with a variety of different animals. It's what our club is all about!

#### ➔ The Effect of Relaxin in Mammary Gene Expression of Ovariectomized Pregnant Gilts

*Stock Pavilion*

Learn how relaxin and progesterone are both hormones required for proper mammary gland development. This experiment looked at the supplementation of one or both hormones and how they affected the genes expressed by the gland. *An ACES James Scholar project presented by Elizabeth Cutler (Allentown, PA).*

#### ➔ Effects of replacing corn and soybean meal with distiller's dried grains in an alfalfa-based completely pelleted diet for weanling horses.

*Stock Pavilion*

This experiment was conducted to determine if distiller's dried grains can successfully replace soybean meal and a large portion of corn in the equine diet without producing negative growth effects. It involved comparing the apparent digestibility between the two diets. *An ACES James Scholar project presented by Amy Brogren (Coal Valley, IL).*

#### ➔ Pre-Vet Club

*Stock Pavilion*

Come check out the Pre-Vet Club's exhibit! You can learn interesting information about the Pre-Vet curriculum and Vet school, as well as meet Pre-Vet students and their pets.

## Stock Pavilion

### ➔ Metabolic Programming in Cats: Curbing Obesity

#### Stock Pavilion

Investigate this research which examines how cats fed high amounts of carbohydrates may adapt like humans and rodents to better digest and store them, increasing the risk of obesity in adulthood. If true, high protein diets may reduce obesity and related diseases in cats. *An ACES James Scholar project presented by Cara Williams (Oak Park, IL).*

### ➔ Companion Animal Biology and Humane Education

#### Stock Pavilion

The Companion Animal Biology and Humane Education program provides training in the basic sciences of companion animals, as well as the human-animal interactions that so strongly affect our lives and society.

### ➔ Illini Equestrians

#### Stock Pavilion

An interest in horses is pretty much the only prerequisite of the Illini Equestrians. This is a competitive and social club. From competition, to live demos, to trips, these students do it all! Featured in the exhibit is a mare and her foal.

### ➔ Determining the Ideal Amino Acid Profile for Dairy Calves in Accelerated Growth Milk Replacers

#### Stock Pavilion

Accelerated calf growth programs are one way to look to increase efficiency and productivity in raising dairy calves. However to minimize cost and nitrogen excretion amino acid balance must be optimized. This project tested four treatments with different amino acid profiles, and will test the efficiency in growth and stature in 40 calves (20 bull calves and 20 heifer calves). Through this project we hope to better understand the optimal level of amino acids in growing dairy calves. Come see a growing calf at this

exciting display. *An ACES James Scholar project presented by Kristin Morgan (Bloomington, IL).*

### ➔ Rodeo Club

#### Stock Pavilion

Experience the U of I Rodeo Club where visitors can practice basic roping techniques, learn about different types of equipment and events, and see real rodeo livestock.



## DID YOU KNOW...

- The *Chronicle of Higher Education* posting of "Top Research Universities in the 2005 Faculty Scholarly Productivity Index" lists the College of ACES Department of Crop Sciences as the number three department in the United States.

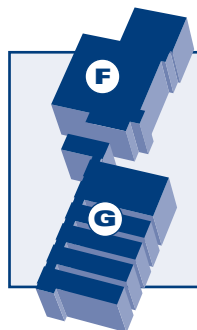
### Turner Hall

Map Code **F**  
1102 S. Goodwin Ave., Urbana

Exhibits, tours and demonstrations relating to Crop Sciences majors.



Accessible entrances on north and west sides of the building.



#### ➤ Crop Sciences - The Inside Story

*West Lobby, Turner Hall*

Everything you want to know about Crop Sciences, but are afraid to ask.

#### ➤ Mutants of Maize

*Student Lounge, Turner Hall*

Explore the oddities of the corn world! See purple and white corn plants growing before your very eyes. Check out the ancestry of corn. And before you leave, be sure to pick up some freshly popped popcorn.

#### ➤ Field and Furrow Club

*Student Lounge, Turner Hall*

Think you know your plant pests? Come and take the Field and Furrow Club's quiz on plant pests and herbicide injury. Be sure to ask about the club's many fun activities.

#### ➤ CSI: Crop Sciences Inquiry

*W- 109, Turner Hall*

Display your knowledge of plants, science and agriculture. You are invited to explore facts and fallacies of Crop Sciences using "I-clickers," which poll the audience. Offered at 9:30, 10:30, 11:30, 12:30, 1:30 and 2:30 on both days. The mini class will last about 20 minutes.

#### ➤ The World of Crop Sciences on the Web

*N-120, Turner Hall*

Explore web-based information on plants, pathogens and insect pests. Try your hand at conducting virtual experiments on plant diseases and genetic engineering. Get acquainted with the websites of Plant Pathology 200 (Plants, Pathogens and People) and Crop Sciences 270 (Applied Entomology)

#### ➤ Will You Try Crop Sci?

*W-121, Turner Hall*

Come discover Crop Sciences unique cuisine that will tantalize your taste buds. You can relish the variety of flavors in the foods made of fungi, delectable covered soybeans, and much more!

#### ➤ Creature Features

*W-121, Turner Hall*

How many common Illinois insects can you identify? Come see insect collections, learn how to collect insects and test your skills at insect identification.



## Turner Hall

### ➡ Mapping Spatial Variation

North Entryway, Turner Hall

Discover various methods used to display and model variation. Come check out the various technologies required to analyze spatial variations and the results of different methods of analysis. *An ACES James Scholar project presented by Ben Martin (Princeville, IL).*

### ➡ An Evaluation of the Improvement of Indian Popping Corn Through Hybridization

North Entryway, Turner Hall

In a quest to invent the perfect popcorn, a breeding project was used to create a colorful popcorn kernel that tastes as good as it looks! *An ACES James Scholar project presented by Regan Joehl (Godfrey, IL).*

### ➡ Explore a Molecular Genetics Lab

North Entryway, Turner Hall

Times for Tour:

Friday - 10 am, 11 am, 12 pm, 1 pm, 2 pm

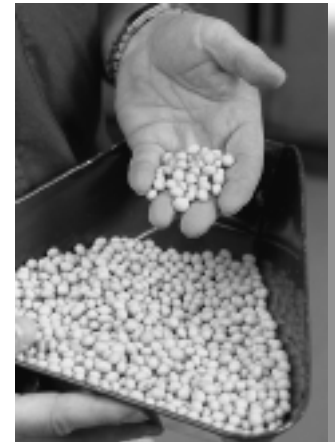
Saturday - 10 am, 11 am, 12 pm, 1 pm

Tour a working molecular genetics lab! See tissue culture growth chambers for plant cultures, and learn how students and faculty in Crop Sciences use molecular genetics to study soybeans and other plants. Tour is given by ACES student Brian Fisher.

### ➡ From Illinois Fields to You

W-121, Turner Hall

About 11 million acres of corn and 10 million acres of soybeans are grown each year in Illinois. Corn and soybeans are used in many products we eat and use every day. Come see a sampling of products made from corn and soybeans.



## DID YOU KNOW...



- More than \$1,000,000 worth of merit-based scholarships are awarded to ACES students each year.

### ➡ Identification of Possible Leaf Mutant Genes in Soybean through Microarray Analysis

North Entryway, Turner Hall

Learn about student research that focuses on analyzing genetic expression of soybeans to find genes responsible for leaf mutations. *An ACES James Scholar project presented by Brian Fisher (Mandan, ND).*



# ARE YOU HUNGRY?

Stop by the Welcome Tent, where several ACES student clubs are selling burgers and other favorites as a fund-raiser.

Many thanks to the **Illinois Pork Producers Association**, the **Illinois Beef Association**, **Frito-Lay**, **Kraft** and **Hershey Foods** for their generous support and assistance!



The Bevier Café also will be serving a limited menu on Friday only during ExplorACES. You will find the café on the northwest side of the second floor of Bevier Hall.

## For further information

We hope you enjoy your day at ExplorACES!

If you have questions about our College once you return home, phone **217/333-3380** or email **cacesoap@uiuc.edu**.

For questions about...	Here's the person to contact...
Admissions	Assistant Dean Kathy Martensen
Alumni relations	Director of Alumni Relations Tina Veal
Diversity programs	Assistant Dean Jesse Thompson
Honors programs	Assistant Dean Bill Simmons
Internships and career services	Assistant Dean Charles Olson or Career Services Director Jenny Neef
Leadership programs	Assistant Dean Charles Olson
Orientation programs	Assistant Dean Kathy Martensen
Scholarships	Assistant Dean Charles Olson
Study Abroad programs	Assistant Dean Andrea Bohn
Transferring from other colleges & universities	Assistant Dean Kathy Martensen
Undergraduate research opportunities	Assistant Dean Bill Simmons

**While  
you're  
here . . .**

**Check out  
Campus Rec  
Center  
East!**



CRCE (pronounced SIR-see) is located adjacent to the ACES campus, at 1102 W. Gregory Drive in Urbana—between Bevier Hall and the Lincoln Avenue Residence Halls. The newly expanded CRCE opened in 2005, and it boasts 110,000 square feet of activity space including:

- An aquatic center with temperature-controlled pool, waterslide, zero-depth entry, bubble benches, volcano-fountain, waterfall and 12-person spa;
- A 3-court gymnasium just off the lobby;
- MAC (Multi-Activity Court) gym with dasher boards for indoor soccer, volleyball, basketball and more;
- 10,000-sq-foot fitness area with state-of-the-art equipment;
- A ¼th mile, three-lane track overlooking the gym and aquatic center, encompassing the fitness area.



**If your ExplorACES schedule permits, stop by and see what CRCE has to offer!**



### **Fun for families with younger children**

While ExplorACES is designed to appeal to older kids and teenagers, we know that many families will bring younger brothers and sisters along. Exhibits in the *Stock Pavilion* and at the *Natural Resources Building* are likely to be of special interest to younger children, as well as their older siblings. Engineering Open House also offers a number of child-friendly exhibits.



### **Lost and Found**

Lost and Found is located in the ACES Student Development and Career Services office, 115 ACES Library, Information and Alumni Center, phone 217/244-4540.



## The ExplorACES Steering Committee extends a special thank you to...



Robert Easter,  
College ACES Dean  
Dr. Fred Kolb  
Sharon Conatser  
Stephanie Rousonelos  
Dr. Cleo D'Arcy  
Dr. Stephen Moose  
Dr. Rick Weinzierl  
Dr. Darin Eastburn  
Dr. Lila Vodkin  
Ms. Patricia Stoller  
Mr. Bob Dunker  
Sydney Jarrett  
Sarah Esgro  
Rebecca Roach  
Marla Todd  
Dr. Faye Dong  
Rob Chappell  
Susie Conrad  
Deb Eisenmann  
Charles Olson,  
Assistant Dean  
Tracy Osby  
Kathy Reiser  
L. Brian Stauffer  
Jeremy Robinett  
Toni McMullen  
Maria Rund  
Jenny Neef  
Tina Veal

### Exhibits Committee

Patrick Malone  
Christine Fox  
Jennifer Large  
Jennifer Rydzewski

### Publicity Committee

Jennifer Peterson  
Mary Irelan  
Kathy Novotney  
Megan Hanley  
Amanda Lounsbury  
Paige Ortman

### Engineering Open House Steering Committee

### ACES Student Advancement Committee

### ACES Career Services

### ACES Student Council

### ACES Alumni Association



College of Agricultural, Consumer  
and Environmental Sciences

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

## ExplorACES Steering Committee

Kristin Morgan and Thomas Maske: Co-Chairs  
Karlie Elliott: Director of Exhibits  
Tyson Dollinger: Director of Logistics  
Jay Kelley: Director of Publicity  
Krista Ubbenga: Director of Food Service  
Amy Waddell: Director of Internal Communications  
Katie Smithenry: T-Shirt Designer

### Departmental Coordinators

#### *Agricultural and Biological Engineering (ABE)*

Faculty/Staff: Scott Bretthauer  
Students: Josh Daugherty, Colin Reeser

#### *Agricultural and Consumer Economics (ACE)*

Faculty/Staff: Lyle Fettig  
Student: Deanna Ahearn

#### *Animal Sciences (ANSC)*

Faculty/Staff: Dr. Tom Carr  
Student: Annie Parkin

#### *Crop Sciences (CPSC)*

Faculty/Staff: Dr. Fred Kolb, Sharon Conatser  
Students: Stephanie Rousonelos, Sydney Jarrett

#### *Food Science and Human Nutrition (FSHN)*

Faculty/Staff: Rebecca Roach  
Students: Bethany Six, Sarah Esgro

#### *Human and Community Development (HCD)*

Faculty/Staff: Bob Siebrecht  
Students: Jenna Bolliver, Allison Kotecki

#### *Natural Resources and Environmental Sciences (NRES)*

Faculty/Staff: Mark David  
Students: Mark Alessi, Seth Reed, Adam Crews

## Housing Units

Incoming students have a wide variety of University- and privately run housing options, each with its own distinct advantages and personality. While the College of ACES does not officially endorse any specific housing unit(s), several have enjoyed a long association with the College and its students. They include:

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**4-H House Cooperative Sorority**

805 W. Ohio St., Urbana, 217/344-4784

**Alpha Gamma Rho (AGR) Fraternity**

58 E. Gregory Drive, Champaign, 217/337-4240

**Armory House & Armory Suites (Coed)**

1010 S. Second St., Champaign, 217/384-4499

**FarmHouse Fraternity**

809 W. Pennsylvania Ave., Urbana, 217/344-4069

**Alpha Gamma Sigma (IlliDell) Fraternity**

303 E. Chalmers St., Champaign, 217/344-3410

**Nabor House Men's Residence**

1002 S. Lincoln Ave., Urbana, 217/344-3532

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These housing units may be offering tours and an opportunity to get acquainted with residents during ExplorACES. For more information, contact them directly.

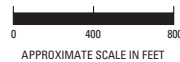




## Shuttle route and parking

Free parking will be available on both Friday and Saturday in Lot E-14, west of the Assembly Hall, and free shuttle buses will make a continuous loop from the parking lot to the Engineering Open House to ExplorACES and back again.

On Saturday only, visitors may use the parking deck located at the corner of Dorner Drive and Gregory Drive. (On Friday, parking in the deck is by permit only.)



## ExplorACES

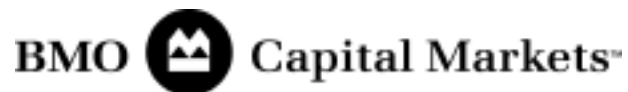
The ExplorACES steering committee would like to thank the ACES pACESetter Partners who have contributed both monetary and in-kind gifts to the College of ACES.

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