

## Engineering deans gather in Washington, D.C.

John English, dean of the College of Engineering, joined engineering deans from across the country at the 2008 American Society for Engineering Education Public Policy Colloquium Feb. 26-27 in Washington, D.C.

The event, "Engineering Solutions for the 21st Century," was designed to strengthen the discussion of engineering education and research issues between deans of engineering and key public policy makers, as well as enable the deans to refine their public policy agenda.

"This was a key opportunity to highlight the importance of federal funding in maintaining and building engineering education programs across the U.S.," English said.

"It is imperative that our congressional delegation understand that without additional support to our colleges of engineering, America may well fall behind in its ability to compete globally in the fields of science, engineering and technology."

## More teams needed for Relay for Life

Relay For Life is looking for more teams for its K-State event. Sponsored by the American Cancer Society, the relay offers a time and place for people to come celebrate those who have survived cancer, remember those we've lost, and fight back against the disease that touches too many lives.

The K-State event will be from 6 p.m. to 6 a.m. April 11-12 at Memorial Stadium. Teams of eight to 15 people can sign up at [www.events.cancer.org/rflkstateks](http://www.events.cancer.org/rflkstateks)

For more information or to make a contribution, e-mail [ksurelayforlife@gmail.com](mailto:ksurelayforlife@gmail.com).

All cancer survivors are invited and are asked to arrive 45 minutes early to receive a gift, free T-shirt and snacks. Individuals participating in the Relay for Riley County in August are welcome to participate in K-State's Relay For Life as well.

## Spring break starts March 17

Spring break, a student holiday, will be March 17-21.

### points of pride

## Plant pathology ranks high in faculty production

The department of plant pathology at K-State ranks eighth in the country in scholarly productivity, according to The Chronicle of Higher Education's 2007 assessment.

The ranking can be viewed at <http://chronicle.com/stats/productivity/>

The Chronicle judges faculty members on as many as five factors, depending on the most important variables in a given discipline: books published, journal publications, citations in other journal articles, federal grant dollars, and honors and awards.

# on campus March

## March 13

### CAPD faculty show

The annual faculty show by the College of Architecture, Planning and Design will be on display from 8 a.m. to 5 p.m. weekdays until March 28 in the Chang Gallery, Seaton Hall.

### Band and choir concert

The University Band and University Choir will perform at 7:30 p.m. in McCain Auditorium. Frank Tracz and Julie Yu will conduct.

### Lunch talk on grasslands

The lecture "Footprints of Settlement: Making Agricultural Landscapes in the American Grasslands," by Ken Sylvester, Inter-University Consortium for Political and Social Research, University of Michigan, will be at noon, Room 212, K-State Student Union. The lecture is sponsored by Gamma Theta Upsilon and the department of geography.

## March 25

### Pianist at All Faiths

Reena Berger, a guest artist, will perform on the piano at 7:30 p.m., All Faiths Chapel. Sponsored by the department of music.

### ERSRI Users meeting

The K-State Flint Hills ESRI Users Group will meet from 3-5 p.m., Room 207, K-State Student Union. The topic will be "GIS Services and Applications for the Web." After the meeting, there will be a social hour at Houlihan's.

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**"Self Portrait on Wall Relief,"** 1996, brooch on wall relief, is featured in the exhibit "Sculpture Transformed: The Work of Marjorie Schick" at the Beach Museum of Art. The exhibit by the Pittsburg State University professor of art runs through March 16. (Photograph by Gary Pollmiller)

## March 26

### Brass and woodwinds

The Tuba/Euphonium Ensemble with guest artist Sy Brandon and K-State's Clarinet Choice with guest artist Anna Marie Wyko will perform at 7:30 p.m. in All Faiths Chapel. Steven Maxwell and Tod Kerstetter will direct. Sponsored by the department of music.

### Van operator training

Division of Facilities van operator training will be from 1:30-3:30 p.m., Room 213, K-State Student Union. National Safety Council training will be conducted for all operators and potential operators of motor pool vans operated by faculty, staff and students. The training is mandatory for all operators. Visit <http://www.k-state.edu/facilities/depts/resources/signup.html> to sign up for training.

## opportunities

### Classified

- A list of employment opportunities is posted at <http://www.k-state.edu/hr/>
- A recording of classified job opportunities is available 24 hours a day on the Employment Information Line, 532-6271.
- For additional information, call 532-6277 or visit the Division of Human Resources at 103 Edwards Hall. Applications are accepted 8 a.m. to 5 p.m. weekdays.

### Unclassified

- A complete listing of vacancies can be seen at <http://www.k-state.edu/affact/>
- For additional information, call the office of affirmative action at 532-6220 or visit 214 Anderson Hall.

## Grain science a modern marvel, continued

cups, which don't mean much to a home baker but can make a big difference in large-scale baking.

Jon Faubion, professor of grain science and industry, followed up by demonstrating more lab equipment like the texture analyzer, which evaluates the firmness of baked bread. Faubion also talked more about the science behind bread, including how ancient people discovered, purely by accident, the leavening abilities of yeast.

Students pitched in at the laboratories as well by helping faculty demonstrate the

equipment and the testing processes.

Other K-Staters helped out behind the scenes. Steve Ballou, communications specialist with the department of communications, helped the crew get footage of campus as well as footage of grain being harvested.

Media relations staff helped facilitate the filming. Erinn Barcomb-Peterson, science/research news coordinator in media relations, made the initial contact with the Modern Marvels producers, and accompanied them during their campus visit. ♦♦

## A career of scholarly prowess, continued

cited in research, and his reputation in the field has earned him election to the Société de l'Histoire de France and a year's residence at the Institute for Advanced Study in Princeton, N.J., Zschoche said.

Hamscher has also published extensively and edited a book on the cultural history of American cemeteries. He was a consultant and participant on a PBS program on death and dying in Kansas.

Highly regarded for both his scholarship and teaching, Hamscher's awards in-

clude the Conoco Foundation Outstanding Undergraduate Teaching Award, three William Stamey Outstanding Undergraduate Teaching Awards and K-State's Distinguished Graduate Faculty Award. He has also served on the boards of editors of French Historical Studies and the University Press of Kansas.

Hamscher will hold the Davis chair until his retirement.

"I am honored by this award," Hamscher said. "I've always tried hard to be both a productive research scholar and an effective teacher." ♦♦

# k-statement

For Kansas State University faculty and staff

March 13, 2008 Vol. 30, No. 16

# Grain science a modern marvel

History Channel team films K-State millers, bakers, for show on bread

**K**-State faculty, staff and students recently rolled up their sleeves to help a crew filming a television series about the technology behind everyday objects.

The crew was on campus in February taping segments for an episode about bread for the History Channel show "Modern Marvels." The series tells the stories behind everyday items, technological breakthroughs and man-made wonders. The cable network describes the show as "celebrating ingenuity, invention and imagination brought to life on a grand scale."

Joined by a sound and film crew from Kansas City, Bob Niemack, a producer with "Modern Marvels," came to K-State to interview faculty about making bread and the science behind it, from milling to baking.

The crew began at the Hal Ross Flour Mill with Kendall McFall, instructor of grain science and industry, to learn how grain is milled into flour. McFall's students arrived early to get the mill up and running to process hard red winter wheat to demonstrate



**Kendall McFall, instructor of grain science and industry, explains the milling process for a film crew from the "Modern Marvels" television show. The crew came to K-State in February to film segments for an episode on bread. (Photo by Steve Ballou, department of communications)**

the mill's capabilities. McFall explained to the crew how the flour travels in tubes throughout the mill's five floors. He also said that about 75 percent of what is inside a kernel of wheat goes into making white flour while the rest is used for feed or the bran in breakfast

cereals and other products.

Crew members next took their cameras to Throckmorton Hall to talk with Rebecca Miller, who directs the wheat quality lab. Miller talked to them about the role gluten plays in the process and showed the crew the lab's test-

ing equipment. This included the extensograph machine that shows how well dough responds to kneading and mixing, as well as the alveograph. This equipment shows how well the dough will retain the bubbles of carbon dioxide created by fermenting yeast.

Then the crew visited Dave

**This episode of "Modern Marvels" can be seen March 24 on the History Channel.**

Krishock, instructor of grain science and industry, in the baking lab at Shellenberger Hall to learn the steps professional bakers take to make a loaf of bread. He explained how professional processes differ from what home bakers do.

For instance, Krishock said that rather than relying on dry and liquid measures, professional bakers weigh their ingredients, from flour to water. He said this avoids the slight differences in measuring

**Continued on back**

## Biocontainment professionals learn latest techniques at BRI

Those in charge of ensuring the safety of the Midwest's biocontainment labs gained valuable skills last week at K-State's Biosecurity Research Institute.

The National Biosafety and Biocontainment Training Program's operations and maintenance curriculum took place March 3-7 at the institute in Pat Roberts Hall.

The training was for the Midwest Regional Center for Excellence, a consortium of research and educational institutions from Iowa, Kansas, Missouri, Nebraska and Cleveland, Ohio.

This was the first time such training was offered at the Biosecurity Research Institute. It was sponsored by the National Institutes of Health and the National Institute of Allergy and Infectious Diseases.

The BRI is the only research and training facility in the U.S. that can accommodate veterinary medicine, plant pathology, food safety and molecular biology research under one roof. This allows for more comprehensive research on the threats to the nation's food supply.

The operations and maintenance session was part of the National Biosafety and Biocontainment Training Program, which is administered by the Frontline Healthcare Workers Safety Foundation.

About 25 professionals responsible for operations, maintenance and biosafety took part.

## plaudits

### Wood honored for commitment to rural community development

Spencer D. Wood, associate professor of sociology, anthropology and social work, was recently awarded the Man Called Matthew Award at the Franklinton Center, Bricks, N.C.

The award was established in 1988 in honor of Matthew Grant, veteran farmer and entrepreneur. The award pays tribute to outstanding individuals who support community-based economic development through African-American land retention, family farm sustainability and the development of youth entrepreneurial leadership.

The award is present by the Black Farmers and Agriculturalists Association and the Concerned Citizens of Tillery, N.C. It recognizes Wood's outstanding commitment to rural community development relating to his research on the decline of black farmers and black-owned farmland.

### K-State receives 19 CASE awards

K-State received 19 awards at the recent District VI meeting of the Council for Advancement and Support of Education in Denver.

The awards recognize excellence in publications, multimedia, fundraising campaign materials and other communications prepared by K-State's university publications, K-State Alumni Association and the Kansas State University Foundation.

K-State's university publications received 11 awards. The honors include a gold award in the excellence in Web writing category for the quizzes at the [www.consider.k-state.edu](http://www.consider.k-state.edu) Web site. The seven silver awards received were for excellence in electronic recruitment publications (K-State e-news); writing for the Web ([www.consider.k-state.edu](http://www.consider.k-state.edu)); excellence in graphic design for a publications created exclusively for electronic distribution (K-State admissions representatives' letters); excellence in multimedia for a Web subsite or special section (K-State's All-University Open House); and three awards for excellence in multimedia for a single Web page for the K-State admissions representatives, campus interactive tour and K-State traditions. Three bronze awards were received, including for excellence in Web writing (tips on the [www.consider.k-state.edu](http://www.consider.k-state.edu) site); excellence in graphic design for a publication created exclusively for electronic distribution (K-State e-news); and for excellence in an institutional relations project for a parent communications project involving the Web, newsletters, a brochure and more.

The K-State Alumni Association received five awards, including a gold award in the excellence in alumni programming's special groups programming category for the Wabash Cannonball. The four bronze awards received included: excellence in graphic design for special publications-calendar; excellence in photography for a news/editorial or feature photography, tsunami victim, K-Stater magazine; excellence in alumni Web sites, K-State.com; and excellence in a series of photographs, "capturing the moment" photos in K-Stater magazine.

The Kansas State University Foundation received three awards: a gold for the K-State Proud student campaign and a silver for the Hal Ross Flour Mill dedication and gala, both in the excellence in fundraising special events/special occasions category; and a silver in the excellence in fundraising videos and/or DVDs category (for K-State Proud e-mail campaign and Web-based promotional videos).



## Honored for a career of scholarly prowess

Albert Hamscher is named the Kenneth S. Davis Professor of History

Colleagues rely on his expertise in the field of early modern France, and undergraduates flock to his course on death and dying. Such diverse interests, and a career dedicated to passing that knowledge on, have earned Albert Hamscher recognition as the Kenneth S. Davis Professor of History.

The position was established in a bequest to the department from Davis, a writer and historian best known for his multivolume work on Franklin D. Roosevelt, said Sue Zschoche, associate professor and chair of the history department.

It was Davis' wish that the post be awarded to a department member with a general record of excellence in scholarship, but also with important attention to teaching, Zschoche said.

"According to the memo of understanding with Davis," Zschoche said, "the scholar chosen had to show 'an appreciation of the connected-

ness of the human experience' and had to have 'compiled a general record of professional excellence and have shown special success in teaching.'

"For more than 30 years, Al Hamscher has compiled an unrivaled record of excellence in scholarship and in teaching and is incredibly worthy of this honor."

Hamscher teaches European and French history but is particularly known for his course "The History of Death and Dying," which Zschoche said is one of the most popular courses in the department.

"There are only two constants in the universe – death and taxes," Hamscher said of the course he created at students' request. "We spend a lot of time studying taxes, but not death. The subject is somewhat exotic and mysterious, and I think it attracts young minds because it's something we're all curious about."

Beyond the popularity of that particular class, Hamscher is a student favorite.

"Over the years, he has earned superb teaching evaluations," Zschoche said. "Perhaps most significant are the testimonies of former students, all of which speak to his extraordinary ability to 'kindle the desire' to learn."

In teaching, Hamscher finds it most rewarding when students are able to find relationships between seemingly unconnected things.

"In my upper division courses, I don't want students to simply regurgitate things that I've told them," he said. "I like independent and creative thinking."

Hamscher has been at K-State since 1972; he was promoted to full professor in 1986. He has written several books, many articles and several book chapters on the history of early modern France. He was one of the two founders of the revisionist school on royal absolutism.

His work has been widely

**Continued on back**

## noteworthy

### Agronomy

**Jianming Yu** and colleagues published "Applications of Linkage Disequilibrium and Association Mapping in Crop Plants," Genomics-Assisted Crop Improvement, Vol 1: Genomics Approaches and Platforms, edited by R. Varshney and R. Tuberosa.

### Apparel, textiles and interior design

**Migette L. Kaup, Barbara G. Anderson and Peggy L. Honey** published "Interior Design Education Within a Human Ecological Framework," Journal of Family and Consumer Sciences, Vol. 99, No. 2.

### Clinical sciences

**Dan Thomson** presented "The Use of SRP Technology to Decrease E. Coli Shedding in Cattle" National Cattlemen's Beef Association Food Safety Summit, March 4-5, Dallas.

**Thomson** also presented "People and Cattle: Future Issues for the Beef Industry," and "Management of Newly Received Cattle," March 6-7, Iowa State University.

**Thomson** also presented "Facility Evaluation in a Commercial Feedyard," "Treating Cattle Suffering from Bovine Respiratory Disease Complex in a Commercial Feedyard,"



**Philip Nel**, English, presented "Radical Children's Literature" with a colleague, Feb. 7, E.S. Bird Library, Syracuse University, N.Y.

"Hospital Pen Management," "Case Report: IBR/BVD Outbreak in a Commercial Feedyard," "Development of Bilingual Training Modules for Feedyard Employees" and "Training a Culturally Diverse Workforce in Commercial Feedyards," North American Veterinary Conference, Jan. 18-19, Orlando, Fla.



**Mike Apley** presented "Antimicrobial Use and Resistance in Food Animals" American Veterinary Medical Association, Feb. 22-23, New Orleans.

**Apley** also presented to the Cattlemen's College on "Beef Cattle Therapy: Planning Your Work and Working Your Plan" at the National Cattle-

men's Beef Association, Feb. 6-8, Reno, Nev.

The following K-State faculty presented at the Western States Veterinary Conference, Feb. 17-21, Las Vegas:

**Thomson**, "Investigation of a Disease Outbreak in a Feedyard," "Bovine Viral Diarrhea Virus: Testing Options and Economics," "Weaning Calf Nutrition" and "Natural Versus Conventionally Fed Cattle."

**David Biller**, "Ultrasound of the Gastrointestinal Tract," "Clinical Utility of the Right Intercostal Scan Plane," "Ultrasound of the Emergency and Critical Care Patient" and "Ultrasound of the Non-Cardiac Thorax."

### Management

**Marne Arthaud-Day** was appointed to the editorial review board for the Academy of Management Review starting in July 2008.

### Sociology, anthropology and social work

**Gerard Middendorf** and colleague published the book "The Fight Over Food: Producers, Consumers and Activists Challenge the Global Food System," Penn State University Press, 2008.

## up close

### Lisa Freeman heads to Olathe Innovation Campus

Associate dean at College of Veterinary Medicine to build relationships, markets

Lisa Freeman is taking her knack for research and relationship-building from the College of Veterinary Medicine to a new role at the K-State Olathe Innovation Campus.

Freeman, associate dean of research and graduate programs at the vet school, has been named associate vice president of innovation by the K-State Olathe Innovation Campus, Inc., board of directors.

"The Olathe innovation campus will serve as a bridge between K-State's Manhattan campus and the academic and industrial resources in the greater Kansas City area," Freeman said. "I'm looking forward to creating new programs for pre-college outreach, graduate education and professional development in animal health and food safety."

Freeman also will encourage an entrepreneurial culture on the Olathe campus. Among her tasks will be the transfer of research and ideas from the lab to the marketplace.

"We are very fortunate to have attracted someone of Lisa Freeman's



**Lisa Freeman, right, says the Olathe innovation campus will serve as a bridge between K-State's Manhattan campus and the academic and industrial resources in the greater Kansas City area. (Photo by Dave Adams, photographer for the K-State College of Veterinary Medicine)**

interests will be critical to our success in Olathe."

In 1994 Freeman joined K-State's department of anatomy and physiology, where she taught pharmacology. Since then she has served as a

**"We are very fortunate to have attracted someone of Lisa Freeman's caliber."**

**Dan Richardson, CEO of the Olathe Innovation Campus**

caliber," said Dan Richardson, CEO of the Olathe campus. "Her professional expertise and track record are a perfect match for the vision and mission of the campus, and her experience with public and private in-

research mentor and role model for postdoctoral students, clinical residents and young faculty members. In 2001, she was named director of mentored training, and in 2005 she became associate dean for research

and graduate programs. In that role she supported research efforts of college faculty and trainees and advanced the research capabilities and reputation of the college through interactions with industry, government and commodity groups.

"Lisa has more than proved herself as a professor, mentor, researcher and administrator in the past 14 years with the College of Veterinary Medicine," said Ron Trewyn, vice president for research and chair of the Olathe campus board.

Freeman also will help facilitate research programs at the Biosecurity Research Institute here in Manhattan, including the coordination of infectious disease research initiatives with other institutions.♦♦