

# AgReport

K-State College of Agriculture • Spring 2009



Another Rhodes Scholar for K-State





Fred Cholick presents a K-State flag to Col. Eric Peck (left) and Command Sergeant Major James Crosby – members of the Kansas National Guard Agribusiness Development Team, who will be deployed to Afghanistan to help with agricultural issues.

As dean of the College of Agriculture and director of K-State Research and Extension, I take great pride in the fabulous accomplishments of our students, faculty, staff, and alumni. The College of Agriculture has a great history of producing outstanding leaders. Student clubs and organizations offer students tremendous leadership opportunities.

The K-State Ag Report is one of the ways we highlight our achievements and let you know about new programs. I hope you also visit our Web sites. The College of Agriculture site [www.ag.ksu.edu](http://www.ag.ksu.edu), offers a wealth of information for prospective students and alumni.

The K-State Research and Extension site [www.ksre.ksu.edu](http://www.ksre.ksu.edu) has links to our research and extension sites around the state and thousands of useful publications and newsletters.

If you would like to receive updates by e-mail, please send your e-mail address to the address listed at the bottom of this page.

Obviously, we are concerned, as you are, about budgets. As dean and director, I will do everything possible to maintain the quality of our programs. We have in place an education system that offers the same

knowledge and opportunities as our alumni have experienced. Experiential learning – hands-on opportunities for our students – is the core of our curriculum.

July 1, 2009, will mark my 18th year as an ag administrator. This is the fourth budget cut that I have experienced. I often compare the budget to drought in Kansas – it comes and goes every three to five years. Just like we've survived droughts, we'll survive this budget situation.

I see the faculty and staff as the heart and soul of the College of Agriculture and K-State Research and Extension. The students and Kansas citizens are the reason we exist, and knowledge is what drives the system. In fact, Kansas families, youth, producers, industries, etc., need us more than ever as they are weathering this financial storm.

My philosophy is not to dwell on the problems – deal with them. We may look a little different after the current fiscal situation, but our core values and commitment to serve will not change.

Fred A. Cholick  
Dean and Director

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# K-State College of Agriculture AgReport

Spring 2009

College of Agriculture  
and the  
Kansas State University  
Agricultural Experiment Station  
and Cooperative Extension Service

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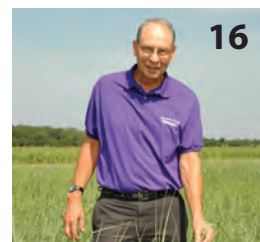
## On the cover

Vincent Hofer (seated) is K-State's newest Rhodes Scholar. K-State President Jon Wefald (right) hosted a luncheon in Hofer's honor. Hofer works for U.S. Senator Sam Brownback, who spoke at the luncheon.

*Photo by Dan Donnert*

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Dan Donnet (3)

### Women in Science Borlaug Fellows Train at K-State

Two Norman E. Borlaug International Agricultural Science and Technology Fellows – Tinna Manani (left) and Twambo Hachibamba – studied at K-State for two months. They were the first Women in Science Borlaug Fellows to train at K-State since the fellowship program was established in 2004.

The Borlaug Fellowship is underwritten to promote food security and economic growth in developing and middle-income countries. Sponsors are the U.S. Department of Agriculture, U.S. Agency for International Development, U.S. Department of State, and the U.S. Trade and Development Agency.

Manani, from the University of Malawi, and Hachibamba, from the University of Zambia, researched modern microbiology methods for identifying fungi that produce mycotoxins. The work will help them address the serious food contamination problems in their home countries.

While at K-State, they worked in the fungal genetics labs under the direction of John Leslie, head of the Department of Plant Pathology. They also consulted with Dirk Maier, head of the Department of Grain Science and Industry; J. Scott Smith, chair of the Food Science Institute graduate program; and Deon van der Merwe, assistant professor in the Department of Diagnostic Medicine/Pathobiology.

### K-State Chosen as NBAF Site

The Department of Homeland Security has selected Manhattan, Kan., as the location for the National Bio- and Agro-Defense Facility (NBAF), a more than \$600 million national defense laboratory.

At a press conference on Dec. 4, 2008, U.S. Senator Pat Roberts announced that the K-State campus was the preferred alternative for the nation's premier laboratory for foreign animal disease research.

Homeland Security proposed the lab because there is a gap in the nation's strategy against bioterrorism – namely in the nation's ability to stave off and quash agricultural disease. Scientists at the facility will research biological threats and develop vaccines and other countermeasures to prevent and combat these diseases. NBAF will be America's first line of defense in the war against animal and agricultural disease.

K-State is home to a large pool of widely recognized experts in livestock medicine, food science, and infectious diseases. The university's National Agricultural Biosecurity Center and the newly built Biosecurity Research Institute (the nation's most modern BSL-3 agricultural facility of its kind) are testament to K-State's investment in the biosciences. BRI may become a temporary home to federal research while NBAF is being built.

NBAF will bolster the nation's ability to protect its agricultural resources and the public from biological threats. Diseases up for study at the facility include foot-and-mouth disease, classical and African swine fevers, Rift Valley fever, Nipah and Hendra viruses, contagious bovine pleuropneumonia, and Japanese encephalitis virus. Federal scientists will be charged with developing vaccines and other countermeasures to prevent and combat these diseases.

### Master Farmers and Master Farm Homemakers Honored

Six couples were named as the 2008 Master Farmers and Master Farm Homemakers in recognition of their leadership in agriculture, environmental stewardship, and service to their communities.

The award program dates to 1927 and is sponsored by K-State Research and Extension and *Kansas Farmer* magazine.

The honorees and their families were recognized at a banquet on March 20, 2009, in Junction City.

The couples are:

- Galen (BS '73 animal science) and Lori Fink (BS '76 animal science) – Riley County

- Craig (BS '75 animal science) and Amy Good (BS '76 human ecology) – Pottawatomie County
- Norman and Cindy Roth – Reno County
- Berry (BS '82 agronomy) and Carla (BS '82 animal science) Bortz – Pratt County
- Tim (BS '70 animal science) and Patty Benton – Anderson County
- Norman "Dean" (BS '77 crop protection) and Mary Anne Stoskopf (BS '77 human ecology) – Barton County

To view audio news stories featuring the outstanding couples, go to [www.ksre.ksu.edu/news](http://www.ksre.ksu.edu/news).

# JEOPARDY!

IF YOU'RE A SLICK,  
PRESSED-OVERALLS  
MANHATTAN M.A.B.,  
YOU HAVE A MASTER  
OF AGRIBUSINESS  
DEGREE FROM HERE,  
K-STATE FOR SHORT

## Master of Agribusiness Program Featured on 'Jeopardy!'

K-State's award-winning master of agribusiness (MAB) program popped up on a popular TV game show.

The program, which is the first graduate agribusiness degree in the nation to be offered through distance education, was an \$800 question on the Oct. 13, 2008, "Jeopardy!" game show.

The question, which in the "Jeopardy!" format is actually the answer, was: "If you're a slick, pressed-overalls Manhattan M.A.B., you have a master of agribusiness degree from here, K-State for short."

"Over the last decade, the MAB program has become well known through the food and agriculture industry," said Allen Featherstone, director of the program and interim head of the Department of Agricultural Economics. "However, we were surprised to learn that it was to be a question on 'Jeopardy!'"

K-State's master of agribusiness program allows professionals to earn a master's degree without career interruption. Students in the program work in every sector of the food and agribusiness industry and come from more than 35 states and 20 foreign countries. The program started in 1998 and graduated its 100th student in August 2008.

For more information, go to [www.mab.ksu.edu](http://www.mab.ksu.edu).



## Open House at New Swine Facility

Producers view the new growing and finishing swine building. The Department of Animal Sciences and Industry hosted an open house and tailgate party at the site after Cattlemen's Day activities.

"The new facility houses pigs indoors and removes extra pigs not used for research and teaching off of dirt lots. That will help reduce pathogen loads, decrease odor, and generally aid the health of K-State's swine herd," said swine specialist Jim Nelssen.

"This building, which features a computerized feeding system, allows us to take pigs all the way from weaning to market in this facility," Nelssen said. "Students will train in a state-of-the-art modern facility. They will have exposure to not only the newest technology (in the new building), but also some of the technology that has been used in the industry for awhile in some of our older buildings. That way, they will be familiar with newer, as well as older technologies when they go into industry."

Primary donors to the new swine building include the Kansas Pork Association through increased sponsored research; the K-State Livestock and Meat Industry Council; and chemical company, Lonza. In addition, swine producer and allied industry donations, as well as K-State swine nutrition alumni, helped complete the fundraising efforts.

## Faculty Help Prepare National Guard for Afghanistan Mission

Entomologist Jeff Whitworth and insect diagnostician Holly Davis shared some friendly and some not-so-friendly insects with a team of Kansas National Guard soldiers. The soldiers spent a week in Manhattan, learning about various aspects of agriculture before they head to Afghanistan's Laghman Province this spring as part of a three-year effort. Whitworth, who spent 28 years in the U.S. military before joining the K-State faculty, gave a brief overview of pest management – for personal safety and in relation to crops. He assured the group that they could contact him for additional information from Afghanistan.

The group, more formally called the Agribusiness Development Team (ADT), will assess agriculture in Afghanistan – to determine the country's food production strengths and challenges and to lay the groundwork for helping it improve its agricultural industry. At K-State, the team heard presentations on topics as wide ranging as agriculture itself – from irrigation to food safety to soil composition to small grain production and harvest and post-harvest handling of crops. Livestock production and vegetable and fruit production also were part of the training.





This hoophouse (unheated greenhouse) was constructed at a Manhattan elementary school with USDA grant funds.



Dan Dornier (3)

Bok choy. Could anyone have foreseen that during the 2008-09 school year, fourth and fifth graders in the Manhattan area would learn to like bok choy (Chinese cabbage)?

For that matter, could anyone have predicted that a boy who had never eaten a salad in his life ... would ask his mom to include salad in every family dinner menu?

K-State researcher Candice Shoemaker and her colleagues were pleased with the students' reactions. Shoemaker's research team is now in the second year of a four-year study called Project PLANTS (for "Promoting Lifelong Activity and Nutrition Through Schools").

To fund the project, the team attained a \$1.04 million grant from the U.S. Department of Agriculture's National Research Institute.

NRI was attracted to the project because it may offer an answer to the high obesity rates among U.S. youngsters. The best estimates sug-

gest 1 in 3 children is already overweight or medically obese. Unless something changes, these children could be headed toward a lifetime of weight-related problems, which can range from depression and bad knees to diabetes and heart disease.

While hoping to alter the landscape of that future, the research team has already changed the landscape of four USD 383 elementary schools. They've provided each one with an installed 30- x 48-foot hoophouse, an unheated greenhouse. The structure offsets the cold-weather limits of gardening during the school year.

USD 383 is the Manhattan-Ogden district. It surrounds the K-State campus, where Shoemaker is a professor in the Department of Horticulture, Forestry and Recreation Resources.

The district's four test schools have provided ground for an outdoor garden, as well as a hoophouse

or high tunnel. Four additional schools have agreed to serve as the study's control group – which means their fourth and fifth graders will be measured and tested, but have no after-school gardening club.

For participating students, club membership means meeting twice a week. It involves having a new "tasting" experience each time, trying out a physically active game, hearing about how both could be useful in everyday life, and then working in their garden or hoophouse.

Members can take home any fruits and vegetables not needed for club tasting. In the coming year, however, they're likely to grow enough to be able to donate some, too, Shoemaker said.

If their parents agree, members also can take extra plants home to grow in pots or a garden spot.

"One of the lessons in February was on things to consider when planning a garden," Shoemaker





A student and volunteer mark the seeds they just planted during an after-school garden club meeting.

recalled. “One little girl was talking about that to her father when he came to pick her up. The father said, ‘Well, if that’s what you want to do, we’ll buy a pot and a bag of dirt so you can start a garden at home.’”

Earlier studies are the foundation for the team’s approach. Past research has found children are more likely to eat fruits and vegetables they’ve grown themselves.

“We know good nutrition and physical activity are essential to preventing chronic disease and obesity,” Shoemaker said. “And, gardening can offer fresh, nutritious, and generally low-calorie produce.”

“This program is a positive partnership,” said Beth Tatarko, USD 383 school board member. “We’re so pleased that K-State thought of working with the schools. It’s so important for children to see where food comes from and how it is grown and processed.”

Project PLANTS’ day-to-day manager is K-State doctoral student Cynthia Domenghini, who’s already seeing improvements: “Something I’ve found really exciting to witness is the transformation of elementary school students into gardeners. There has been a visible increase in

interest in not only gardening but also eating healthy and doing physical activities. It’s confirmation we’re heading in the right direction.”

For scientific measures, the team has surveyed the students and their parents separately, to get an idea of the children’s eating and activity habits before the gardening clubs began. These tests will be the baselines against which the researchers can compare results at the end of the project.

By then, though, the team hopes the schools will have an organization in place to keep the clubs going. If so, they’ll donate the hoop-houses to the schools.

“Typically, school gardens only last as long as one or two teachers

have the energy to be in charge,” Shoemaker said. “We’re hoping to develop a model for how to keep a garden operating long-term.”

The researchers are working with school personnel to develop a community “hub” of adult volunteers for each site. The “hubs” include parents, after-school staff, area Master Gardeners, teachers and community volunteers – some of whom are willing to keep things watered over summer and winter break.

“We’ve refined our curriculum and put it into practice,” Shoemaker said. “Now the hub volunteers are gaining experience. By next year, we hope to start turning the gardens over to them.”

Four other K-State faculty are serving as major investigators in Project PLANTS – Ted Carey, horticulture; George Milliken, statistics; and David Dzewaltowski and Melissa Bopp, kinesiology.

Also collaborating in the study are Judith Johnston, who is with the Department of Preventive Medicine and Public Health at the University of Kansas School of Medicine, and Greg Welk, who is with the Department of Health and Human Performance at Iowa State University.

—Kathleen Ward



Students meet after school one day per week to discuss goals, plant, water, weed, harvest the plants and to get some fun exercise.





# It's All About Family

Vincent Hofer's family in Franklin, Kan., instilled the work ethic and values. His K-State family gave him the guidance and tools to become K-State's eighth Rhodes Scholar since 1986.

Hofer is one of 32 national recipients of the Rhodes Scholarship – valued at \$75,000 – for two years of study at Oxford University in England.

He graduated from K-State in May 2008 with a degree in agribusiness. During his college career, he was a member of back-to-back championship National Agri-Marketing Association (NAMA) teams, held leadership positions in several

clubs and Blue Key Senior Honor Society, taught agricultural economics classes, studied in Australia, was a

*"The K-State College of Agriculture is a great place to learn, grow, and find where you belong and how you can help."*

research assistant in Honduras, won numerous scholarships and awards, worked in the college academic programs office, and still found time for

volunteer activities.

How did a farm kid from southeast Kansas become a Rhodes Scholar? Hard work, taking advantage of opportunities, and using his time wisely. Hofer credits his father for his good work ethic and time management skills.

"My dad is a great manager – time, money, and people," said Hofer. "He helped me start a beef herd when I was about 8 or 9, which helped me pay for college."

When Hofer realized he wanted to focus on agriculture, he joined his older brother, Jason (BS '06 agribusiness), at K-State. While visiting campus, Vincent attended a seminar





Clint Blaes (left) and Vincent Hofer relax on the steps outside Waters Hall. They graduated in May 2008 and now work in Washington, D.C.

by Jim Hohenbary, K-State's assistant dean for nationally competitive scholarships. At the time, he didn't see himself applying for one of the scholarships, but the seed had been planted.

He also listened to College of Agriculture Ambassadors talk about the advantages of international study. Hofer took that message to heart and as a sophomore studied in Geelong, Australia. His adviser, Sean Fox, helped him select classes that would fit with his goals.

"Vincent is a unique individual – extremely bright, tremendously hard working and productive, excellent social skills yet sincere and humble to a fault," said Fox. "He was always willing to give his time to the many organizations and clubs he worked with and always open to trying new things, for example, going for a semester abroad in Australia."

Studying in Australia was a positive experience for Hofer, so he accepted a position as a research

assistant at Zamorano University in Tegucigalpa, Honduras. Hofer's international experiences influenced his decision to pursue a career in international development.

### More New Challenges

Hofer was chosen to be an instructor for one of Orlen Grunewald's Food and Agribusiness Management recitation classes.

"Vincent had one of the least desirable time slots – Thursday morning at 9:30," said Grunewald. "He had 15 students the first semester, which is normal. He did such a good job that the next two semesters that section filled up with 40 students. The students really responded to him."

Grunewald recommended Vincent for K-State's Anderson Leadership Award, which he won.

Vincent was a member of the National Agri-Marketing Associa-

tion (NAMA) team that won back-to-back national championships. That was the only time in the 30 years of the competition that the same university won two years in a row, said Grunewald.

As a senior, Hofer enrolled in a Ph.D. -level econometrics class. He missed getting an A in the class by one point, earning the only B of his college career. The instructor, Dong Li, was so impressed with Hofer that he wrote one of his recommendation letters for the Rhodes Scholarship.

### Time for Volunteer Activities

Hofer was raised in what he calls "a devout Catholic family," so he became involved at St. Isidore's Catholic Student Center. When he noticed a plea in the Sunday bulletin for volunteers to work with high school students at another Manhattan parish, he offered to help. That offer turned into more than two years of volunteer service.

"The students discuss a different faith-related topic each week and



Former classmates Justine Sterling (left), Mary Geiger, and Clint Blaes (pictured above) set up practice interviews at the White House and Capitol Hill to help Vincent Hofer prepare for the Rhodes Scholarship interviews.





President Jon Wefald presents Vincent Hofer with a special K-State sweatshirt to commemorate Hofer's Rhodes Scholarship. Hofer is the eighth K-Stater to be named a Rhodes Scholar during Wefald's 23-year tenure at K-State.

future," Hohenbary said. "Vincent clearly had shown his leadership ability and potential. We discussed how studying in England would fit into his goal of a career with international development, and he decided to pursue it."

Since 2000, Hohenbary has been guiding K-State students through the scholarship application process. He worked closely with Hofer as he completed the application.

### The DC Family Factor

Hofer had intended to return to Honduras after graduation. Instead he accepted a job as a legislative correspondent in Senator Sam Brownback's office in Washington, D.C. The only drawback was that he would be far away from Hohenbary during the preparation for the scholarship interviews. That's when Hofer's Washington, D.C., family came into play.

Justine Sterling and Mary Geiger, both 2007 agricultural communications and journalism (ACJ) graduates, and Clint Blaes, 2008 ACJ and agricultural economics alumnus, were working on Capitol Hill and came to Hofer's assistance. Sterling organized a couple of interviews at the White House, while Geiger and Blaes set up several interviews through their congressional contacts.

"It's a great story how Assistant Dean Jackie McClaskey and Vincent's former classmates pulled together the interviews," said Hohenbary. "Candidates must hold up in the face-to-face interviews. You have to be able to engage in discussion with the judges."

how it relates to today's youth," said Beryl Adams, director of the high school youth program at St. Thomas More. "Vincent worked with the freshmen and sophomores. He was very humble and pitched in with whatever needed to be done. The kids absolutely loved him."

You might wonder how Hofer fit so much into his four years at K-State.

"The K-State College of Agriculture is a great place to learn, grow, and find where you belong and how you can help," Hofer stated. "I was passionate about everything I was involved in and thoroughly enjoyed it – which made it easier."

### Applying for the Rhodes

Throughout Hofer's college career, his teachers, adviser, College of Agriculture administrators, and

Jim Hohenbary encouraged him to apply for one or more national scholarships.

"When you look online at what previous winners have done, you don't think you qualify," Hofer said.

*"Vincent has a well-developed mind and a well-formed heart. That's what the world needs, and that's what K-State produces."*

"Then I talked to some previous applicants, and decided I would regret not applying."

"Rhodes Scholars are future leaders – the movers and shakers of the

KSU Photo Services



## Another Rhodes for K-State

When K-State President Jon Wefald addressed the Kansas Board of Regents in November 2008, he proudly announced Vincent Hofer as the eighth Rhodes Scholar during his 23-year tenure at K-State. Wefald has continuously promoted K-State “as the student

scholar capitol of America.”

At a luncheon honoring Hofer, Wefald stated, “Academics and academic success don’t get the same press coverage as athletics. If this was a Heisman Trophy award winner, it would be front-page news. Our business is to get students to K-State, give them the best educa-

tion, and send them forward.”

Hofer’s employer, Sam Brownback (BS ’79 agricultural economics) also spoke at the luncheon. He described Hofer as a person with “a well-developed mind and a well-formed heart. That’s what the world needs, and that’s what K-State produces.”

—Gloria Holcombe

## College of Agriculture Rhodes Scholars: Janelle Larson and Kelly Welch

Of the eight K-State students who have become Rhodes Scholars since 1986, three are College of Agriculture alumni – Vincent Hofer (2008), Janelle Larson (1990), and Kelly Welch (1987).



“Having the opportunity to study at Oxford, among students from around the globe certainly changed me,” said Janelle Larson. “I had to rethink assumptions I didn’t even realize I had. I recently heard someone say ‘we learn who we are by being around those who are different from us,’ and it’s certainly true. I came away with both a more global perspective and a greater awareness of myself.

“The relationships developed in Oxford have been very significant to me,” Larson said. “For example, I’m currently working on a project in Kenya with a Kenyan Rhodes

Scholar I met at Oxford.”

Larson (BS animal sciences and social sciences) completed her master’s and doctorate in agricultural economics at Oxford University. She has been on the faculty at Pennsylvania State University since 1995. Her current title is associate professor of agricultural economics and head of the Division of Engineering, Business, and Computing, Penn State Berks.

Larson advises current College of Ag students to work closely with faculty, especially on undergraduate research projects.

“The faculty are willing to work with students one-on-one. Don’t be shy – take advantage of the opportunities.”

Welch (BS agricultural economics and economics) chose to study philosophy, politics, and economics at Oxford.



“At K-State, I fell in love with agricultural economics and later macroeconomics,” Welch explained. “When I got to Oxford, I wanted to expand beyond what I had traditionally pursued.”

After returning from Oxford in 1989, Welch took a job as a management consultant in Washington, D.C., then moved to the Federal Reserve Bank in Kansas City. He completed a Ph.D. in finance at the University of Chicago, then joined the K-State faculty for one year as a visiting professor. After a stint at the University of Southern California, he accepted his current position teaching finance at the University of Kansas.

He encourages students to get involved.

“Participate in activities through organizations and service – on the community and university level,” recommended Welch. “It will help you grow in exceptional ways and improve your possibilities in the job market.”

Larson and Welch have served on Rhodes selection committees together and separately. Welch said they look for individuals who are willing to “fight the world’s fight.”

“There are innumerable ways to fight the fight, but it’s in the way an individual chooses to fight the fight – to share his or her passion that distinguishes the applicants.”



## Senior Receives International Leadership Award



Sharita Lacey, Colony, Kan., received a 2008 Association of Student Advancement Programs (ASAP) international outstanding student leader award.

"This is a tremendous honor for the entire university and for Sharita, who is a former vice president of K-State's Student Alumni Board (SAB)," said Andrea Bryant Gladin, associate director of alumni programs for the K-State Alumni Association.

Lacey is majoring in animal sciences and industry with a communications option and has a minor in leadership studies. Through her involvement in SAB, Lacey has traveled extensively in Kansas and Nebraska to meet prospective K-State students through the association's Just for Juniors program. As vice president of development, Lacey was responsible for planning the group's annual retreats and assisting with campus events, including Senior Send-Off, Wildcat Welcome Day, For Sophomores Only, the fall and spring activities carnivals, and class reunions.

Lacey also has held leadership positions in the College of Agriculture Ambassadors; her living group, Alpha of Clovia scholarship house; and in Kansas FFA as state vice president. Through FFA, she has represented Kansas in Washington, D.C.; Spain; and Portugal. She also was inducted into Blue Key, an honor society that annually inducts 16 of the top members of K-State's senior class.



### Kuhlman Earns Rotary Ambassadorial Scholarship

Molly Kuhlman (BS '08 bakery science and management), Manhattan, is a 2008 Rotary Ambassadorial Scholar. She will use the \$24,000 scholarship from Rotary International to study at University College Dublin in Dublin, Ireland.

Kuhlman works as a business manager for Scoular Grain Company. She'll head to Dublin in August 2009 to study rural agricultural development for two semesters. She plans to return to finish her master's degree in the United States and/or work for a nonprofit organization in a public service role.

"The Rotary Foundation Ambassadorial Scholarship program is the world's largest privately funded international scholarships program," said Cindy Zapletal, president of the Manhattan Rotary Club. "Its purpose is to promote international understanding and friendship among people of different countries. Molly exemplifies the high standards Rotary supports for its student ambassadors."

Kuhlman was active in a number of campus organizations – Alpha Mu Grain Science honorary, College

of Agriculture Council, the K-State Student Foundation, and Silver Key.

She interned with Sara Lee Corporation, American Bakers Association, and the USDA Grain Marketing and Production Research Center. She served on the search committee for the grain science and industry department head, and she participated in the Peer Mentor and Adopt-A-School programs.

## Truman Scholar Finalist



Dena Bunnell, Welda, Kan., senior in agricultural communications and journalism and political science, is a Harry S. Truman Scholarship finalist. The nationally competitive scholarship is worth up to \$30,000 for graduate school.

Bunnell's career goal is to work for an agricultural extension program in Africa to promote sustainable agriculture practices.

### Students Nominated for Udall Scholarships

Caitlin Brown and Andrew McGowan, both of Prairie Village, have been nominated for the \$5,000 Morris K. Udall Scholarship Competition.

Brown is a junior in animal sciences and industry with an emphasis in bioscience/biotechnology, and a minor in leadership studies. She plans to attend K-State's College of Veterinary Medicine, and her career goal is to be an exotic animal veterinarian with an emphasis on endangered species.

McGowan is a senior in agronomy with a soil and environmental science option. He plans to earn a doctorate in soil ecology. He has been a member of the K-State Soil Judging Team, including the 2008 national championship team.



# Barn Raising Brings Energy to Greensburg



David Dunn (2)

Volunteers from two communities – Greensburg, Kan., and New York City, N.Y. – came together on a soggy weekend in September 2008 to replace the 4-H Livestock Pavilion at the Kiowa County Fairgrounds. It had been destroyed by a tornado on May 4, 2007.

The barn raising was proposed by The New York Says Thank You Foundation, which was established after the attack in New York on Sept. 11, 2001, to organize an annual volunteer project in appreciation of the volunteers who helped their city.

Volunteers from New York and previous beneficiaries of the foundation's projects joined volunteers from Greensburg and the surrounding area on the building project.

Why a 4-H building? With respect for a long list of community projects, Carmen Stauth, a K-State Research and Extension Kiowa County agent, said the community considered the 4-H building project important to youth and the future of the community.

Leadership, citizenship, and service are important components in 4-H projects, and keeping youth involved in the projects is an asset to the community now – and in the

future, said Pam Muntz, a family and consumer sciences agent who shares 4-H responsibilities in Kiowa County with Stauth.

Kiowa County 4-H members recognize the strengths they have developed while participating in the programs and want others to have similar experiences, Muntz said.

The building is complete,

except for some interior work, stated Muntz. In addition to The New York Says Thank You Foundation, TransCanada pipeline donated \$40,000, said Muntz.

"The barn raising was a great experience, even with the rainy weather," said Muntz. "The flag that hung at Ground Zero was repaired by the ladies at the local assisted living center. We had more than 300 volunteers from out of town – from foreign countries as well as many states – come to help. Many new friendships were formed by this experience."

A group of high school students used video cameras to document the barn raising and presented the final product at the K-State Research and Extension, Kiowa County annual meeting.

There was a young exchange student who said the experience gave him a whole different view of our country. He said he was impressed how people came to this small community and helped one another, Muntz said.



Pat McNally (left), assistant director for Kansas 4-H Youth Development, visits with Jeff Parness, the founder of The New York Says Thank You Foundation, at the barn raising in Greensburg.



# Sorghum— Fuel of the Future?

*Agronomist Studies Sorghum  
and Grass for Future Energy Source*



Scott Staggenborg, right, and Wahab Abdul Tour wait for the ferry to cross the Niger River in Northern Mali.

agronomy) first nurtured his interest in plants and the environment while growing up on a farm in Marshall County. He admitted that his career stems from a lifelong curiosity about the world around him, and particularly, plants and the environment.

While considering a career in agriculture, Staggenborg viewed a filmstrip on corn production at an FFA event, and immediately thought: “That’s what I want to do.” His choice of career has proved a good fit.

Staggenborg is optimistic about Kansas’ crops, crop production, and the economic viability of the state’s ability to fulfill a niche in producing biofuels.

“Kansas is positioned to succeed in the biofuels marketplace,” Staggenborg said.

With much discussion and debate about using corn as fuel, rather than food, the K-State team is researching sorghum, native grasses such as switchgrass and big bluestem, and an Asian perennial, *Miscanthus × giganteus*, which is fast-growing and produces a substantial amount of biomass for potential production of biofuels.

Staggenborg, with the help of agronomy graduate students, planted energy sorghum by the intersection of Kimball and College avenues. The tall, lush green crop,

Weighing in on crop production in West Africa might seem a bit of a stretch for a K-State agronomist; however, that’s not the case for Scott Staggenborg. He recently returned from his second visit to West Africa, where he reviewed sorghum research and crop production.

During the research trip to Tombouctou (also spelled Timbuktu), a West African city near the Niger River, he joined Malian researchers in exploring opportunities to improve sorghum production and management. The research effort

is supported by the International Sorghum and Millet Improvement Program (INTSORMIL).

Growing conditions in the West African region are remarkably similar to conditions in Kansas, the crop scientist said.

The challenge, Staggenborg said, is to characterize the soil, identify new sorghum varieties that will work well with the growing conditions, and develop a plan for managing plant diseases and pests native to the area.

Staggenborg (BS ’88, MS ’90

Courtesy of Scott Staggenborg



which can grow to 13 feet, prompted more than a few inquiries.

Kansans are right to be interested in the crop research because it offers potential economic opportunities for the state, Staggenborg said. Grass is, of course, a renewable resource.

And, scientists know that sorghum grows well in Kansas. Sweet sorghum is somewhat like sugar cane; it can grow farther north and has a higher sugar content in the sap than regular forage sorghum.

Brown midrib sorghum (BMR) has a genotypic trait that reduces the lignin content of the plant to increase digestibility for livestock feed and improve ethanol conversion efficiencies. Lignin gives plants stem strength, but it cannot be broken down in cellulosic-ethanol conversion processes, Staggenborg said.

Dual-purpose forage sorghum looks like grain sorghum and grows up to six feet in height. The variety is capable of producing up to 100 bushels an acre, said Staggenborg, who noted that moving forward with research on sorghum, rather than corn, as a potential source for biofuels could position Kansas in

the emerging biofuel market.

"Sorghum is not viewed as a competitor for human food," he said.

K-State scientists also are researching processing and marketing issues for biofuels. One example, he said, involves pelleting plant biomass to facilitate transportation to processing centers.

Research is ongoing – and exciting, said Staggenborg,

Staggenborg brings his enthusiasm for agronomy into the classroom and encourages students to consider a career in agronomy.

"Our challenge as scientists is to study plants and the environment interactions, and then decide how best to manage them," he said.

Jonathan Propheter (BS '07 agricultural technology management) took Staggenborg's Cropping Systems class as an undergraduate, and he is one of seven graduate students working with Staggenborg.

"The biofuel cropping system projects I have been involved with while working on my master's degree have been great opportunities and learning experiences," said Propheter. "The research we are

conducting will be influential in the continued development of the biofuel industry within Kansas and across the Great Plains."

In addition to the graduate students – Propheter, Kyle Shroyer, Scott Dooley, Yarid Assessa, Todd Ballard, Oliver Freeman, and Kevin Swenson – Staggenborg credited colleagues from agronomy and other departments for their collaborative efforts, including Chuck Rice, Agronomy; Alan Schlegel and John Holman, Southwest Research-Extension Center; Praveen Vadlani and Leland McKinney, Grain Science and industry; and Donghai Wang, Biological and Agricultural Engineering.

"By working together, we're able to do more," he said.

Yet, whether working with scientists from the campus or colleges and universities elsewhere in the United States or world, Staggenborg is firm in his belief that K-State scientists join others in sharing a common goal for sustainable agriculture, providing food for the larger world, and protecting the environment.

—Nancy Peterson



Kyle Shroyer (BS '08 agronomy) in front of the switchgrass at Troy, Kan.

Agronomy graduate students (l-r) Kyle Shroyer, Kevin Swenson, and Scott Dooley, and sophomore Josh Carlin harvest corn biomass at the Agronomy North Farm.



Courtesy of Jon Propheter (3)



Kyle Shroyer in front of photoperiod sensitive forage sorghum at Troy, Kan., in 2008.





# K-State Reaches Out to Kenya

In June 2008, a team of K-State Research and Extension professionals spent 10 days in Kenya sharing their expertise in nutrition and health assessments, gardening practices, sewing and small business development, and environmental education. They collaborated with Comfort the Children and signed a Memorandum of Understanding with Jomo Kenyatta University of Agriculture and Technology to promote future exchanges and collaborate on research and extension projects.

Team members shown above with their new Kenyan friends are: (l-r) Mary Meck Higgins, Sandy Procter, Carol George, Allison Costrain of Comfort the Children, Donna Martinson, Herschel George, Bill Hargrove, Denise Dias, Ann and Mark Religa, and Tonya Bronleewe. László Kulcsár, assistant professor of sociology, was not pictured.



A rooftop view of Maai Mahui, one of the poorest, HIV/AIDS-impacted towns in Kenya. The team spent 10 days helping Maai Mahui residents.

An outdoor market, held twice a week, offers many fresh foods and other wares for local shoppers.







Grandmothers plant Sukumu Wiki, a plant in the kale family, during a community garden demonstration. Note the use of drip irrigation.



Community members interested in nutrition and HIV/AIDS awareness participated in a workshop presented by Mary Meck Higgins and Sandy Procter, with the help of translators,



Kenyan women model the aprons they made. The sewing class – led by Donna Martison and Denise Dias – started with pillowcases, then progressed to aprons and tote bags. The Kenyan women made 500 tote bags for use at the K-State Research and Extension annual conference.



Bill Hargrove, director of the Kansas Center for Agricultural Resources and the Environment, and Dr. Mabel Imbuga, deputy vice chancellor of Jomo Kenyatta University of Agriculture and Technology, sign a Memorandum of Understanding to ensure future collaborative efforts.



Tonya Bronleewe conducts an environmental workshop for the secondary school student leaders.



Tonya Bronleewe assists children with art projects at the Good Shepherd Children's Home.



**COMFORT THE  
CHILDREN  
INTERNATIONAL**





# Research Links

## Southeast Kansas Producers Benefit from Coordinated Research on Beef and Forage

It's as true for livestock as it is for humans – what animals eat has a big impact on their health and performance. That's why researchers at K-State's Southeast Agricultural Research Center (SEARC) are working to find the best forages for cattle that can be grown in that part of the state.

"We're a little different here – our agriculture is more like what you'd see in the southeastern United States than like the rest of Kansas," said Lyle Lomas, animal scientist and head of the research center. He cited the area's shallow claypan soils, a longer growing season, and

higher average precipitation totals than the rest of the state. Because of those differences, the center's forage research focuses on introduced forages rather than the native forages that grow in much of the rest of the state.

Given the value of Kansas' cattle industry to the state's economy, coupled with the challenges facing the beef industry including high input prices, Lomas believes that now more than ever, it is important for the center's researchers to help producers find ways to raise beef as efficiently as possible.

"The SEARC has the only

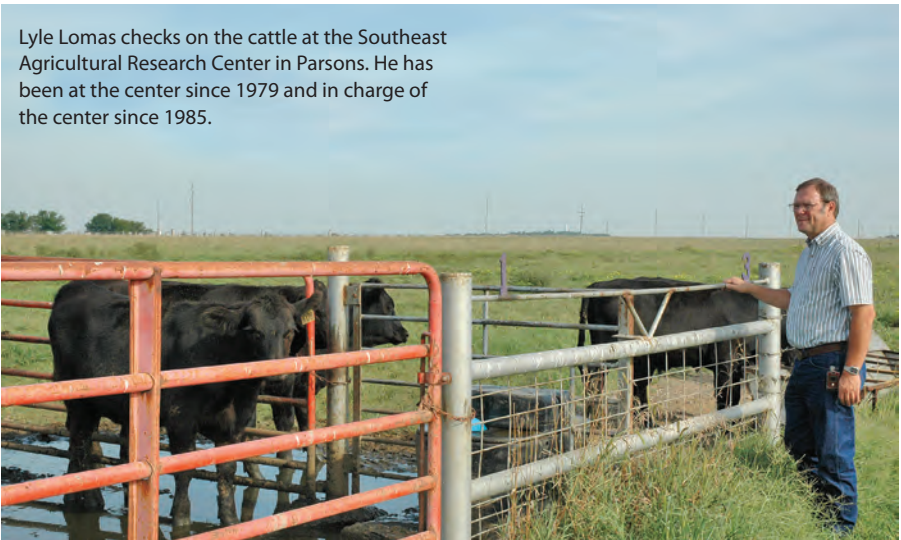
K-State grazing research program dedicated exclusively to introduced forage species," he said. "Native grasses predominate in other parts of the state and at other K-State research locations."

Some of the species studied at the center include tall fescue, bermudagrass, smooth brome grass, and crabgrass.

"Our grazing work can be divided into two major categories," Lomas said. "One is the supplementation of grazing livestock, and the other is evaluating forage systems with different varieties or species of forages – the quality and quantity – that grow well in this part of the state."

One recent project, on which Lomas and forage agronomist Joe Moyer collaborated, involved supplementing grazing stocker cattle with distillers grains – a by-product of the ethanol industry. The team is trying to determine how a distillers grain supplement affects grazing, as well as finishing performance.

In addition to 450 acres the center has in Parsons, it also has another 400 acres near Mound Valley, where cattle from grazing studies are finished for slaughter. Once the



Lyle Lomas checks on the cattle at the Southeast Agricultural Research Center in Parsons. He has been at the center since 1979 and in charge of the center since 1985.

Gloria Holcombe (3)



cattle reach market weight, they are slaughtered and the carcasses are evaluated.

"Most of our grazing studies using stocker cattle are followed by a feedlot phase to determine the effect of grazing treatment on subsequent finishing performance and overall profitability," Lomas said.

"Fescue is both a blessing and a curse in southeast Kansas," he continued. "It can be easily grown, but cattle don't perform as well on it as some other forages if it contains the endophyte."

The endophyte refers to a fungus within the grass that affects grazing animals and the grass itself.

One of the challenges faced by cattle producers in southeast Kansas is the gap between when cool-season grasses and warm-season grasses peak, in terms of nutrient quality, Moyer said.

"We've been studying crabgrass to fill that gap. We've been a little surprised at how well cattle perform on crabgrass."

Forage crabgrass is the same species, but a different cultivar as the type that plagues homeowners' lawns, he said.

Information gleaned from research conducted at the center is

Joe Moyer, SEARC agronomist, inspects grass at the Mound Valley unit. He has BS, MS, and PhD degrees in agronomy from K-State.



passed along to producers and others through county agricultural extension agents, as well as publications and newspaper articles.

"The research conducted at the SEARC is crucial to my success as an extension specialist in aiding producers in southeastern Kansas," said Karl Harborth, southeast area livestock specialist with K-State Research and Extension. "For example, if a producer has a question on which particular variety of a grass he should plant, I can use data

generated locally at the SEARC to help make these educated decisions. Without this local data, I would have to make decisions based on assumptions of the variety in question. This variety may not perform the same in southeast Kansas as it would in other locations, and that could ultimately cost the producer time and money."

In addition, the SEARC hosts the Beef Cattle and Forage Field Day at the Mound Valley site every year on the first Thursday of May. That event is planned for May 7 this year. Other events are also held at the center during the year.

"Forage is probably the most underappreciated crop we have in Kansas," Lomas said. "A lot of universities don't do applied grazing research anymore because of limited opportunities for extramural funding. Producers know it's important but there's no 'product' produced – it all goes through the animal. Plus there's no commodity group working to make sure that research in this area is supported," he said.

Information about the center's research, events, and staff is available on its Web site: <http://www.ksre.ksu.edu/searc>.

—Mary Lou Peter

### Kansas and Southeast Kansas Agriculture Notes:

- Production of cattle and calves is the top agricultural commodity in Kansas, generating \$4.8 billion in 2002.
- Kansas ranks second among all states in cattle on feed, cattle processed, value of cattle and beef exports, value of hides exported, and third in total beef products.
- Of total cash receipts from agriculture in recent years, about two-thirds came from livestock or meat products.
- Perennial forages are grown on approximately 45 percent of the agricultural land in Kansas.
- Annual forages are grown on 3 million to 4 million acres of crop land.
- Substantial amounts of crop residue are used by livestock. Livestock production from forage resources comprises nearly 60 percent of Kansas' cash farm receipts.
- Southeastern Kansas ranks first in the state in beef cow numbers, second in the number of total cattle and calves – behind only the southwestern region, where commercial feedlots are concentrated.
- Southeastern Kansas is one of only four regions where the value of livestock production exceeds the value of crop production.
- Southeastern Kansas has more acres of pasture and range than any other region in the state.
- Southeast Kansas has a large acreage of introduced forages because of an abundance of shallow, marginally productive, claypan soils; a long growing season; and a high average level of annual precipitation compared with the rest of the state.



## Students Fare Well in Product Development Competitions



Almond Board of California

K-State students were among the top three runners-up in the Ultimate Snack-Off Recipe Contest sponsored by the Almond Board of California (ABC). The grand prize winner and the other two teams that placed were all professional chefs.

The competition challenged North American foodservice professionals to create almond-centric snack food ideas designed

to satisfy a man's "game day" appetite. Elyse Buckley, Erin Harbacek, and Kathryn Goddard created Almond Beer-Battered Catfish as their game-day favorite.

Two food science graduate students – Katie Krusemark and Katie Marston – took first place in a student product development competition sponsored by the American Association of Cereal Chemists (AACC).

Their creation, the Tropical Pretzel, is a whole-grain soft pretzel filled with dried pineapple, dried mango, and walnuts.

The idea for the Tropical Pretzel began in the Food Product Development class taught by Fadi Aramouni and Kelly Getty.

Krusemark and Marston were featured in the January-February issue of *Cereal Foods World*.

The Grain Science Graduate Student Product Development Team placed third in the AACC competition. Their entry was Cabernet Bread, a high-fiber, high-antioxidant artisan bread made with by-products of other food processes.

Team members are JuHyun Yoo (Camila), Yanjie Bai, Summer Steeples, and Nanjunda Ananda. Praveen Vadlani is the team adviser.



**Ashley Guenther** joins Willie Wildcat as one of K-State's most visible promoters. As a K-State student ambassador, she has the chance to promote a university that she says has already given her so much.

"I have cherished my K-State experience and am excited to share my passion for our university with everyone," said Guenther, a junior in agricultural economics and agricultural communications and journalism, from Ottawa.

Student ambassadors visit with prospective students and alumni at events across the state; attend Student Alumni Board meetings and activities; assist with programming on campus like class reunions, Homecoming Student Committee, and other special events; as well as assist the president's office as needed.



Dan Domert

Senior tight end **Darrin Seiwert**, Conway Springs, was named to the 2008 Academic All-Big 12 Football First Team. Seiwert is majoring in agronomy. First team members have recorded a 3.2 or better GPA, either cumulative or in the two previous semesters, and have participated in 60 percent of his team's scheduled contests. Seiwert was recognized as a K-State Student Athlete of the Week. He was selected as the 2008-2009 American Society of Agronomy Outstanding Senior. Seiwert is pictured in the Site-Specific Ag class taught by Scott Staggenborg.





## Agricultural Education Honorary Recognized

At the 2008 Alpha Tau Alpha (Agricultural Education Honorary) Conclave, the K-State chapter received first place honors in the Program of Excellence Competition in the professional development area.

Also, LeAnn Spinden received one of 15 National Association for Agricultural Educators Upper Division Scholarships.

## Judging Team Results

Many competition teams were still competing at press time. All the teams will be recognized at the Ag Awards Assembly on April 19, 2009.

- Meats Judging Team – second at the Iowa State University Invitational Meats Judging Contest.
- Judging team results from the National Western Livestock Show in Denver: Livestock – second; Meats – fifth, Wool – fourth.
- Academic Quadrathlon Team took first at the Midwest American Society of Animal Science competition for the second year in a row.
- Livestock Judging Team – placed first at the Sioux Falls Judging Contest and second at the North American International Livestock Exposition, Louisville, Ky.
- Soil judging team placed second at the Region 5 competition.
- Dairy judging team earned fifth – the highest finish in 34 years at the National Dairy Judging Contest in Madison, Wis. They placed first at the Fort Worth Stock Show.
- Horse judging team won reserve world champion at the American Quarter Horse Association Show in Oklahoma City, Okla.

Courtesy of Dalton Henry



## Ag Pair to Lead Student Body

Dalton Henry (right), senior in agricultural economics, Randolph, was recently elected the K-State student body president for 2009-2010. Wayne Stoskopf, junior in agribusiness, Hoisington, will serve as vice president.

"Up until December 2008, I wasn't planning to run for office and had decided to graduate in May," Henry said. "But during finals week, I thought about the opportunity the next student body president would have ... the opportunity to shape the way a new university president sees and works with students. I wanted to be a part of that."

College of Agriculture students have a strong leadership history on the K-State campus. Since 1971, College of Ag students have served 20 terms as student body president.

Dan Donnett



**Jason Grams** (BS '08 agronomy) was named one of the smartest Army ROTC cadets in the nation. He ranked among the top 10 percent of the Army ROTC's National Order of Merit List.

The judges assess thousands of cadets from Army ROTC programs across the nation on factors such as grade-point average, physical fitness, performance at a 33-day leadership camp at Fort Lewis, Wash., extracurricular activities, and a rating provided by the students' military science instructors.

Grams, originally from southern Texas, has been in the Army for 10 years and served one tour in Iraq. His wife, Stephanie, received a degree in kinesiology from K-State in 2002 and encouraged Jason to come to K-State. He is considering pursuing a master's degree in agronomy. He would like to work for the U.S. Department of Agriculture after retiring from the military.



**Fred Cholick**, dean and director, has been named to a 3-year term on the USDA's National Agricultural Research, Extension, Education, and Economics Advisory Board. The board provides advice to the U.S. secretary of agriculture and to the nation's network of land-grant colleges and universities

### Agricultural Economics

**Andrew Barkley** was named professor of the fall 2008 semester. He teaches Principles of Ag Econ, Honors Principles of Ag Econ, Ag Market Structures, and Ag and Natural Resource Policy. He advises 30 undergraduate students and two graduate students.

**Mike Boland**, professor was recently awarded a Recognition of Merit from Zamorano University and appointed a visiting lecturer. Zamorano, the leading agricultural university in Latin America, has had a 20-year relationship with K-State.

*Successful Farming* has featured a series of stories over the last 18 months about producers who have used decision tools from *www.AgManager.info*. The February 2009 issue has an article called "Rent Roulette," which discusses using "KSU-Lease" and other software programs. **Kevin Dhuyvetter** and **Terry Kastens** have written many of the tools posted to the site.

### Agricultural Research Center-Hays

**Humberto Blanco**, assistant professor, received the 2008 Young Scholar Award from the Soil and Water Management and Conservation Division of the Soil Science Society of America. He received the award in recognition of his major impact on the management and protection of public lands and water resources.

### Agronomy

**Michel "Mickey" Ransom**, professor, received the Soil Science Education Award from the Soil Science Society of America.

**Kassim Al-Khatib**, professor, was named a Fellow of the American Society of Agronomy. North Central Weed Science Society awards: Al-Khatib was named a Fellow

and **Anita Dille** received the Young Scientist Distinguished Service Award.

### Animal Sciences and Industry

**Jennifer Bormann**, assistant professor of genetics, was recognized as the College of Agriculture Mortar Board honoree.

**Tim Rozell**, professor, was named faculty member of the fall semester. He teaches Anatomy and Physiology, Physiology of Lactation, Problems in Lambing, Molecular Reproductive Endocrinology, Introduction to Research, and Comparative Agriculture and advises undergraduate and graduate students. He also serves as a faculty adviser to the KSU Dairy Science Club

### Biological and Agricultural Engineering

The Kansas Environmental Leadership Program (KELP) received one of the 2009 Excellence in Conservation and Environmental Education Awards from the Kansas Association for Conservation and Environmental Education.

KELP is a 10-month program focused on enabling citizens to become better versed in environmental knowledge and increasing their leadership skills. A total of 239 Kansans have participated. For more information, go to *www.ksre.ksu.edu/kelp*.

### Communications

Photographer **Dan Donnert** joined the department in September. He had been with KSU Photo Services for 24 years. To order photos from this publication and other events, go to *http://kstatephoto.zenfolio.com/*.

**Eric Atkinson's** radio program, *Agriculture Today*, recently expanded its audience. It is broadcast each weekday morning at 10 a.m. on KFRM (550 AM), Clay Center; KGGF (690 AM), Coffeyville; and KLOE (730 AM), Goodland. The program now reaches 90 counties in Kansas, parts of southern Nebraska and eastern Colorado, and the northern one-third of Oklahoma. Listen to *Agriculture Today* over the K-State Radio Network Web site: *http://www.kstateradionetwork.com*.

### Horticulture, Forestry and Recreation Resources

**Ward Upham**, extension associate, won the 2007 Author's Award of Excellence from the International Society of Arboriculture, Midwestern Chapter.

**Ted Cable**, professor, received K-State's International Educator Award, which recognizes individuals who have contributed to advancing international education at K-State. Cable has been involved in educational outreach in Africa, Latin America, and parts of Europe. Cable's new book "The Compact Guide to Birds of Kansas," took first place in the small book division of the Interpretive Media Awards Competition in Portland, Ore.

### Southwest Research-Extension Center

**Alan Schlegel**, professor and agronomist-in-charge of the Tribune unit, was named a Fellow of the American Society of Agronomy. His research focuses on nutrient and water management in dryland and limited irrigated cropping systems. He serves as associate editor for the Soil Science Society of America Journal.

### In Memorium

**Leonard Orlo Sorenson**, 84, Manhattan, died Oct. 12, 2008. He taught in the K-State Department of Agricultural Economics for 36 years. He worked extensively to solve issues related to grain marketing and transportation. His research results led to recognition of improved methods in nine undeveloped countries. He published articles that have been used to guide policy changes in those countries and in the United States. He retired in 1991.

**Jereldine R. Howe**, 79, Manhattan, died Jan. 21, 2009. She taught school for several years after graduating from K-State with a BS ('51) in human ecology. She completed an MS ('65) in clothing and textiles and became an extension specialist. She remained in that position until her retirement in 1988.



## Marinades Reduce Carcinogens



Food chemist J. Scott Smith and postdoctoral student Prini Gadgil cook a marinated steak to determine if adding spices to meat before cooking reduces cancer-causing compounds. The compounds are produced when meat is grilled, broiled, or fried at temperatures higher than 350 degrees.

There is growing concern that consuming carcinogenic compounds known as heterocyclic amines (HCAs) contributes to several cancers and colon polyps in humans. Another study has shown carcinogens may lead to the onset of type 2 diabetes.

“The addition of various substances to the meat before cooking may reduce the HCAs,” Smith said. “Marinating steak before grilling is a practical way to reduce HCA contents of even well-done beef for many consumers.”

His students made a presentation on the project at an International Food Technologists conference.

The research findings have been featured in scientific journals and popular magazines.

## USDA Funds Crops Research in Biosecurity Research Institute

Kansas is lucky that a devastating wheat fungus isn't threatening the state's crops yet. A team of K-State researchers, led by Barbara Valent, university distinguished professor of plant pathology, is getting \$1 million from the U.S. Department of Agriculture to study the wheat blast fungus, a pathogen that has become a serious threat in Brazil.

All work with the fungus will be done in K-State's Biosecurity Research Institute, a \$54 million biosafety-level 3 facility in K-State's Pat Roberts Hall.

“The Biosecurity Research Institute is a perfect facility for us to look at resistance in the Kansas varieties because we want to make sure the fungus doesn't spread,” Valent said. “We're putting together a lab where the plants and fungus can be grown and stored, and where we can work with the fungus and destroy it after testing.”

“We don't know if our varieties

in Kansas are susceptible, so we want to be prepared,” Valent said.

Other researchers from the Department of Plant Pathology include William Bockus, James Stack, and Xiaoyan Tang. They will be working with Gary Peterson and Kerry Pedley of the USDA/ARS Foreign Disease-Weed Science Research Unit, Fort Detrick, Md., and with collaborators from Brazil's Embrapa Wheat group.

Fred Cholick, dean of the College of Agriculture and director of K-State Research and Extension, said getting the \$1 million grant recognizes K-State's experience in food safety and security in the field of plant health.

“This is what K-State as a land-grant university is all about – solving problems before they have a global impact,” Cholick said. “This is particularly important when you're talking about a wheat disease that could have a major impact on the economy.”

Dan Donnert



Plant pathologists (l-r) Barbara Valent, Xiaoyan Tang, James Stack, and William Bockus in a BRI lab.



## Lilja Brings Varied Experience to International Agricultural Programs Post

Nina Lilja brings a wealth of international experience to her new job as director of International Agricultural Programs.

Lilja, a native of Finland, moved to the United States after graduating from high school. As an undergraduate student in California, she studied at Shanghai University in China for one year.

"I was one of the first western students allowed to live with rural Chinese families," said Lilja. "I wrote my senior thesis on the impact of agricultural reform on rural families in China and this, in addition to having spent two years working as a secondary school teacher in rural Kenya, motivated me to choose agricultural economics as my discipline and impact assessment as my career."

Lilja attended graduate school in the United States and conducted her dissertation research in Mali. She spent the next 12 years working for the Consultative Group on International Agricultural Research.

She was initially stationed in West Africa then held a post with a program hosted by the International Center for Tropical Agriculture, which is based in Cali, Colombia.

In 2008, her husband Timothy Dalton joined K-State's Depart-



Nina Lilja, director of International Agricultural Programs, walks across campus with a delegation from Heilongjiang Province.

ment of Agricultural Economics, and Lilja accepted the half-time position in International Agricultural Programs.

In her current role, she seeks opportunities for faculty to engage in international research partnerships and develops funding proposals. She works closely with Steven Graham, assistant to the dean of agriculture and former Peace Corps volunteer, hosting foreign scholars and visitors at K-State. Lilja also collaborates with the K-State Office of International Programs.

"The first task the dean gave me was to get to know the faculty and find out who is actively involved in international work and what is their expertise," said Lilja.

The information she gathered is now in a database posted to the Web. The site allows visitors to search by country of expertise, area of expertise, department, or by using keywords. It also has a "Map Search" to select an individual country with links to relevant faculty profiles. View the database at <http://www.ag.ksu.edu/int/>.

## Faculty Receive Grants to Lead International Study

College of Agriculture faculty members have received grants to lead international study trips for K-State students. The Study Abroad Incentive Grants were awarded by M. Duane Nellis, provost and senior vice president.

"I am delighted that my office can provide support for these faculty-led study abroad proposals," Nellis said. "At K-State

we emphasize student opportunities for international experiences. We want every student to know these opportunities are available to them."

Awards of \$6,000 were presented to Sajid Alavi, associate professor, and Hulya Dogan, assistant professor, to take grain science and industry students to North India; and John Unruh, professor, and Christopher Reinhardt, assistant

professor, for animal science and food science students to visit Northern Mexico.

Awards of \$3,000 were made to Cathie Lavis, assistant professor, to take a group of horticulture students to Costa Rica; and Srin Kambhampati, professor of entomology will lead a study-abroad trip to Bali, Lombok, and Wallacea.



## Ag Econ Professor Recognized as One of the Best



Don Donnet

Agricultural economist Michael Boland is a 2008 regional winner in the U.S. Department of Agriculture's National Awards Program for Excellence in College and University Teaching in the Food and Agricultural Sciences.

The awards program recognizes a select group of college and university teachers who excel at teaching, make a positive impact on student learning, and influence other teachers by example.

"Dr. Boland is a very deserving recipient of the USDA teaching award," said Don Boggs, associate dean of the College of Agriculture. "He is a dynamic and innovative classroom instructor, and his commitment and work with study abroad courses has greatly energized our international agriculture programs for students."

Boland, who joined the K-State faculty in 1996, specializes in agribusiness management and teaches

both graduate and undergraduate courses in agribusiness strategy and an international agribusiness course in conjunction with a study tour.

He has been recognized for his teaching nationally, by the university, and by his college. His honors include serving as co-chair of the National Food and Agribusiness Management Education Commission, which was created by the Department of Agriculture to conduct a national study on undergraduate and graduate agribusiness programs and recommend future curriculum areas. He is serving as chair of the International Agribusiness Task Force, which is funded by the Department of Agriculture to analyze ways of integrating international competitiveness into undergraduate programs.

He has taught or lectured in more than 30 countries across the world and has led five international agribusiness study tours in Central and South America and in Australia and New Zealand. He will lead a sixth tour to South Africa this summer.

At K-State, Boland also serves as associate director of the Arthur Capper Cooperative Center and has co-authored more than 60 case studies on cooperatives.



Tom Phillips (l-r), K-State entomology department head; Bhadriraju "Subi" Subramanyam, K-State grain scientist; and James Throne, research leader in USDA's Grain Marketing and Production Research Center, were honored by Southwest University in Chongqing, China. The visit to China marked the beginning of a cooperative research arrangement between K-State and Southwest University that lasts until 2013.



## 1927

**R. Waldo McBurney** (BS horticulture), Quinter, spoke at the Growing Old But Not Older Conference in Oakley last fall with tips on living an active and long life (106 years). He has been an agricultural education teacher, extension agent, seed cleaner, bee keeper, gardener, and avid runner. He also wrote a book "My First 100 Years – A Look Back from the Finish Line."

## 1944

**Cecil Eyestone** (BS agricultural economics), Manhattan, has been inducted into the National 4-H Hall of Fame. Throughout his 31-year career, he used the philosophy of teaching by example. He introduced the Junior



Leadership Club concept and worked to provide opportunities for youth to build leadership skills while contributing to the community. He also coached 10 state championship judging teams and advised K-State's Collegiate 4-H Club. Eyestone is shown above helping at an after-school garden club. (See article on page 4.)

## 1947

**Floyd "Bud" Frisbie** (BS agronomy), Bird City, and his wife, Helen Pierpoint Frisbie (BS '43 general human ecology) have been married for 65 years. Bud says they have retired so their four kids can take care of them.

## 1951

**John L. Sackett Jr.** (BS dairy production), Byron, N.Y., is a retired ag teacher who continues to farm. He says he still flies from the private air strip on his property.

## 1953

**Richard Fleming** (BS agricultural journalism), received the Public Service to Agriculture award from the Nebraska Agribusiness Club. He joined the University of Nebraska-Lincoln faculty in 1956 as assistant extension editor and has served in agricultural communications, academic, and administrative positions on both campuses. He retired in 1996 as professor emeritus.

## 1965

**Riley Walters** (BS animal science), Cassoday, was elected president of the North American Weed Management Association. He is director of the Butler County Noxious Weed Department.

## 1968

**Kenneth Sorensen** (MS, PhD '70 entomology), Raleigh, N.C., retired in June 2006 as emeritus professor in entomology from North Carolina State University.

## 1969

**Warren Weibert** (BS animal science) has been selected as the 2009 Stockman of the Year. He was honored at the Stockmen's Dinner on March 5.

## 1980

**Greg Henderson** (BS agricultural journalism, MS '87 journalism and mass communications), Olathe, was honored at the Royal Gala in October and his portrait hung in the Livestock Publications Council Hall of Honor.

## 1981

**Mohamed Gailani** (MS, PhD '85, food science) was recently appointed president of the University of Neelain in Khartoum, Sudan.

## 1984

**Kirk Zoellner** (BS agronomy) is assistant village administrator for Mokena, Ill., a Chicago suburb. He also

serves on the national Advisory Board for the Senior Executive Institute at the University of Virginia and chairman of the board for the Southwest Agency for Risk Management. He had been an agent in Harper County and southwest area community development specialist. Kirk ran the Chicago Marathon, his third career marathon.

## 1992

**Matt Hobelmann** (BS agricultural economics), Omaha, Neb., is the area sales manager for Gavilon Fertilizer, LLC. He and his wife, Lisbeth, announced the birth of their son, Brian.

## 1993

**Richard Fechter** (BS agribusiness, master of agribusiness '00), Howard, and his wife Julia (BS '97, veterinary medicine, DVM '00) announced the birth of their son, Peyton Aaron, on Oct. 21, 2008. Peyton has a big brother, Wyatt. Richard is the K-State Research and Extension Rolling Prairie District director. Julia is a veterinarian at Fechter Pet Care Inc.

## 1995

**Jarvis Garetson** (BS agricultural technology management), Copeland, and his wife Amber announced the birth of their fifth son, Ian Paul, on May 2, 2008. Their other sons are James, Reese, Ryan, and Noah. Jarvis manages a 5,000-acre farm in partnership with brother **Jay Garetson** (BS '93 agribusiness) and father Jesse Garetson.

**Anne Hazlett** (BS agricultural journalism, JD Indiana University School of Law) was appointed director of the Indiana State Department of Agriculture. She had been working in Washington, D.C., for U.S. Senator Saxby Chambliss as minority counsel for the Committee on Agriculture, Nutrition and Forestry, where she played a key role in the passage of the 2008 farm bill.

**Shannon Washburn** (BS agricultural education, MS '99 secondary education) received the American Association for Agricultural Education North Central Region Outstanding Young Member Award.



**1996**

**David Hallauer** (BS animal science), K-State Research and Extension Meadowlark District agriculture and natural resources agent, and his wife, Amy, announced the birth of their daughter, Cailee Jo, Nov. 22, 2008. She has two big brothers, Jace and Eli.

**1997**

**Shawna Mitchell** (BS animal science), Lyons, and her husband, Galen (BS '98 animal science), announced the birth of their daughter, Grace Emily, on Oct. 12, 2008. Grace has a sister, Sarah. Shawna is the K-State Research and Extension 4-H and Youth Development agent for McPherson County.

**1998**

**Mitch Gerstenkorn** (BS animal science, BS '00 park resources management) and **Sarah Christiansen**, DVM (BS '99 animal science, BS '00 food science, DVM '04), Morrison, Colo., announced the birth of their first child, Isabel Paige, on June 29, 2008. Mitch is a project manager in the Concessions Division for the National Park Service in Lakewood, Colo. Sarah is a veterinarian at Front Range Veterinary Clinic in Lakewood, Colo.

**Kenny Kalb** (BS agricultural economics), Garden City, and his wife, Shanon, announced the birth of their daughter, Kenzie Elise, Aug. 29, 2008.

**1999**

**Andrea (Housman) Burns** (BS animal science), K-State Research and Extension agriculture and natural

resources agent in Ford County, and her husband, Chad, announced the birth of their son, Kendall Martin, on Sept. 20, 2008. He has a big brother, Ethan.

**2000**

**Sam Hanni** (BS, MS '03, animal science) is the new operations manager of the Hal Ross Flour Mill. He previously was a research assistant in the Department of Agricultural and Biological Engineering at Purdue University.

**Jesse McCurry** (BS agricultural communications and journalism (ACJ), MS '02 speech) and **Rhonda (Nida) McCurry** (BS '01 ACJ), Wichita, announced the birth of their daughter, Anna Karlene, on Dec. 11, 2008. She has a big brother, Jackson Dean, 2. Jesse is a business development specialist with Kennedy and Coe, LLC, and Rhonda is a freelance writer.

**2001**

**Shannon (Burkdoll) Ruckman** (BS agricultural communications) and **Shane Ruckman** announced the birth of their second child, Mylee J, on June 19, 2008.

**2002**

**Brent Goss** (BS animal science) and his wife, Sarah, announced the birth of their daughter, Nell Ann, on Feb. 12, 2009. Nell Ann has a sister, Noah, and brother, Tucker. Brent is the K-State Research and Extension agricultural and natural resources agent in Ellsworth County.

**Jennette (Becker) Rogers** (BS agribusiness) and **Nick Rogers** (BS '04 MIS), El Dorado, announce the birth of their first son, Kendall John, March 17, 2008. Jennette is a program technician at the Butler County Farm Service Agency.

**Londa Vander Wal** (MS food science) is working toward a PhD in occupational epidemiology at the University of Iowa. From 2002-2006, she was based in Rome, Italy, with the Food and Agriculture Organization of the United Nations in the field of food safety. She also volunteered in community development in Malawi, East Africa. For more information, go to <http://www.uiowa.edu/be-remarkable/portfolio/people/vanderwal-l.html>

**Tryon Wickersham** (MS '02, PhD '06, animal science) and **Erin (Ferdinand) Wickersham** (BS '00, MS '02, animal science), Kurten, Texas, announced the birth of their first child, Katherine Elaine, on April 10, 2008.

**2004**

**Amanda Erichsen** (BS agricultural communications and journalism) accepted a position with Oklahoma State University's Department of Biosystems and Agricultural Engineering as an extension assistant with the AgrAbility project.

**2005**

**Mandy (Weber) Gramkow** (BS agricultural communications and journalism) and her husband, Benjamin (BS '06 physics), announced the birth of their daughter, Ellie Jo, on Sept. 3, 2008.

**2006**

**Audrey (Young) Monroe** (agricultural communications and journalism/public health nutrition) and **William Monroe** (BS '05 business administration), Centennial, Colo., were married Sept. 22, 2007. William is an investment advisor representative for AXA Advisors, and Audrey is the manager of technical issues communication for the National Cattlemen's Beef Association. **Troy Warnken** (BS animal science), Hays, and his wife, Genaire, announced the birth of their daughter, Genayla

**Ag Alumni Class Notes**

Fill out this form and return it to:

Gloria Holcombe

Department of Communications

315 Umberger Hall

Manhattan, KS 66506-3402

or e-mail to: [gloria@ksu.edu](mailto:gloria@ksu.edu)

Name \_\_\_\_\_

Spouse's Name \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Home Phone \_\_\_\_\_ E-mail \_\_\_\_\_

Graduation Date(s) \_\_\_\_\_ Degree(s) \_\_\_\_\_

Employer \_\_\_\_\_ Title \_\_\_\_\_

*Feel free to attach more information.*





#### Animal Science Honors Distinguished Alumnus

Few people have impacted U.S. beef production more than research geneticist Larry Cundiff. During his tenure with USDA-ARS, his work has influenced breed choices in the nation's beef herds and helped reduce the costs of beef production.

For his accomplishments, Cundiff (BS '61 animal husbandry) received the 2008 Distinguished Animal Sciences and Industry Alumnus Award from Ken Odde, head of the Department of Animal Sciences and Industry.

"For more than 40 years, Dr. Cundiff directed beef cattle research that led to dramatic changes in breeding systems and genetic improvement programs used in U.S. beef production," said Michael Dikeman, chair of the award committee and professor of meat science.

Dan Donnet (3)

Rae, July 12, 2008. Troy is the new area representative for Global Animal Management, a division of Intervet Schering Plough Animal Health. **Laura Marks** (BS animal science) joined the staff of the K-State Research and Extension, Morris County office as county director.

#### 2007

**Chris Petty** (BS animal science), Hill City, and his wife, Cristina, announced the birth of their son, Garrett Christopher, on Sept. 2, 2008. Chris is the K-State Research and Extension, Graham County agriculture and natural resources agent.

#### Free Job Search Service

K-State will allow anyone who has earned a degree from K-State to post a resume online, search job vacancy listings, and research employers.

To post a job, go to <http://www.k-state.com/Careers> and click on "Employers: Post a job."

To sign up for the job search service, go to <http://www.k-state.com/Careers> and click on "Job listings/post resume" and fill out the form.

Processing will take 24-48 hours and will include an introductory e-mail with log-in instructions.

#### In Memorium

**Merle Eyestone** (BS '47 agricultural economics) died Nov. 1, 2008. He began his career in extension in 1946, as Lyon County emergency 4-H agent. In 1947, he became a Shawnee County club agent. In 1962 he joined the Kansas 4-H Foundation, retiring in 1987 as the executive director. Memorials have been established with the Kansas 4-H Foundation.

**Vernon "Bryce" Orr** (BS '52, animal science), Wichita, died August 23, 2008. He began his extension career in 1953 in Coffey County. In 1970, he moved to Stafford County, and in 1973, he became the county extension director and agricultural agent in Sedgwick County until his retirement in 1987.

**Wilton B. Thomas** (BS '37, MS '60 agricultural economics), 96, Manhattan, died Nov. 15, 2008. He was a cattle buyer in Oklahoma City, then served in the military and was discharged as a captain. He then became an agricultural agent in Hamilton, Cloud, and Dickinson counties and a farm management extension specialist. He helped organize the Kansas Association of Farm Managers and Rural Appraisers and helped write the Kansas Farm Management Handbook. He retired in 1974 but kept busy farming, teaching part-time at K-State, serving on various boards, and consulting.

**Ivan K. Strickler** (BS '47 dairy production), 87, Iola, died Dec. 8, 2008. He was recognized worldwide for his leadership in the dairy industry through the National Dairy Promotion and Research Board, National Milk Producers, National Holstein Association, and Mid-America Dairymen, Inc. He operated Strickler Holstein Farm, which is a worldwide marketer of genetics. He wrote the book, "Wholly Cow: We Did It!" that raised more than \$10,000 for scholarships. In 2000, he received the Alumni Medallion Award, the highest honor bestowed by K-State. Other recognitions include: Man of the Year in 1978 at the World Dairy Expo, National Dairy Shrine Guest of Honor in 1983, and being inducted into the Alpha Gamma Rho Hall of Fame.

**Laurenz "Larry" Greene** (BS '50 agronomy), Concordia, died Dec. 13, 2008. He became a Phillips County agricultural agent in 1952. He resigned that position in 1956 to work in private industry. He returned in 1957 as the Cloud County agricultural agent. In 1960, he became an area extension economist, Kansas Farm Management Association in Concordia. He served in this position until retirement in 1981.





## College of Ag Names Patty Clark as Alumni Fellow

Patty Clark, director of operations for the Kansas Leadership Center in Wichita, has been selected as the 2009 College of Agriculture Alumni Fellow.

Clark, a native of Illinois, graduated from K-State in 1974 with a degree in animal science; however, she originally was in the College of Arts and Sciences as a pre-vet major.

"Fellow students encouraged me to check out the College of Agriculture," said Clark. "I knew nothing about ag. I credit the faculty and peers for getting me through."

She recounted showing up for Livestock Meat Evaluation class in Weber Arena as a sophomore – the only female and wearing a dress and heels.

"I could have baled or stayed," said Clark. "I stayed, and the 'legends of animal science' – Don Good, Miles McKee, Del Allen, Bob Hines, Bill Able – took me under their wings. Invest yourself, and the faculty will invest in you. I created lifetime relationships."

"We are honored to have Patty as our Alumni Fellow," said Don Boggs, associate dean. "She was reluctant to accept the honor until we

told her she could spend two days on campus talking with students. The chance to interact with students sealed the deal."

Clark visited with students in seven classes. She shared her experience with the Kansas Leadership Center and previous jobs as deputy secretary and director of the Ag Marketing and Community Development Division of the Kansas Department of Commerce and director of the Public Policy Division for Kansas Farm Bureau.

In the Crisis Communication class, she urged the students to "change how they approach leadership." She stressed having the right people, including those who will be affected, at the table when making decisions.

She also encouraged them to build relationships with the press, media, and key stakeholders before dealing with a crisis.

"I enjoyed having Patty visit our Crisis Communication class," said Chelsea Good, communication studies graduate student. "Her comments about leadership and decision-making processes that are inclusive and collaborative were very valuable."

"Additionally, she serves as an excellent role model for women and agriculture. Seeing how she was able to graduate from the College of Agriculture as one of only five women in her class and go on to succeed in both the public and private sectors is inspirational to young women in agriculture."

Clark served on the boards of directors for the Ag Alumni Association, the KSU Alumni Association, and the National Ag Alumni and Development Association. She was named K-State's Outstanding Ag Alumnus in 1995.



Alumni Fellow Patty Clark talks to students during the Introduction to Ag Scholarship class taught by Assistant Dean Jackie McClaskey.





Dan Donnet

## Dean and Director's Advisory Council Offers Sound Advice

The Advisory Council meets in the spring and fall with Dean and Director Fred Cholick and his administrative team.

"It is great to have this group of successful and distinguished individuals to provide the College of Agriculture and K-State Research and Extension advice and counsel on everything from marketing our programs to our five-year plan of work," Cholick said.

**Back row:** **Jacob Gouldie**, senior in agricultural economics, Garden City; **Fred Cholick**; **Don Hecht** (BS '70 agricultural economics), Carmel, Ind.; **Gregg Tanner** (BS '80 bakery science and management), Dallas, Texas.

**Middle row:** **Rich Porter** (BS '72, chemical engineering, MAB '04), Reading; **Bill New** (BS '63 agricultural economics), Leavenworth; **Dave Rock** (BS '80 agricultural technology management, MAB '03), Olathe; **Roger Pine** (BS '61 agronomy), Lawrence; **Loren Kruse** (BS '70 agricultural economics /journalism and mass communications), Ankeny, IA; **Andrew Murphy** (BS '93 animal sciences and industry), Great Bend; **Terry Garvert** (BS '77 feed science and management/chemical science), Plymouth, Minn.; **Tim Belstra** (BS '71 feed science and management), Demotte, Ind.

**Front row:** **Doug Kitchen** (BS '68 animal sciences and industry), Nashville, Tenn.; **Dick Kruse** (BS '65 animal sciences and industry), Indianapolis, Ind.; **Edie (Galle) Dahlsten** (BS '66 elementary education), Lindsborg; **Randy Stoecker** (BS '70 agricultural economics), Austin, Texas; **Shelly (Fogle) Kessen** (BS '96 agricultural journalism), Rancho Murieta, Calif.; **Darrell Westervelt** (BS '58 dairy production, MS '59 horticulture), Manhattan; **Michael Doane** (BS '95 agribusiness, MS '00 agricultural economics), Chesterfield, Mo.;

**Not pictured:** **Dell Allen** (BS '61 animal sciences and industry, Derby; **Lafe Bailey** (BS '89 marketing), Morrill; **Elizabeth Hund** (BS '79 animal sciences and industry), Denver, Colo.; **Jim Heinze** (BS '77 horticulture), Apple Valley, Minn.; chair; **Jim Brown** (BS '59 feed science and management), Clay Center; **Jan (Ferguson) Lyons** (BS '76 education), Manhattan; **Roy Robinson** (BS '70 milling science and management), Kansas City, Kan.; **Warren Weibert** (BS '69 animal sciences and industry), Manhattan; and **Andy Stickel**, senior in agricultural economics and animal sciences and industry.

## Crawshaw and New Families Establish Scholarships to Benefit College of Ag Students

Arlo Crawshaw, Altoona, has made a gift of \$40,000 to establish the Arlo and Vivian Crawshaw Family Agriculture Scholarship.

Crawshaw and his wife, Vivian, who died in 1986, are the parents of five K-State alumni – Claude, Dale, John, Vern, and Donna.

Bill and Loris New, Leavenworth, along with their children,

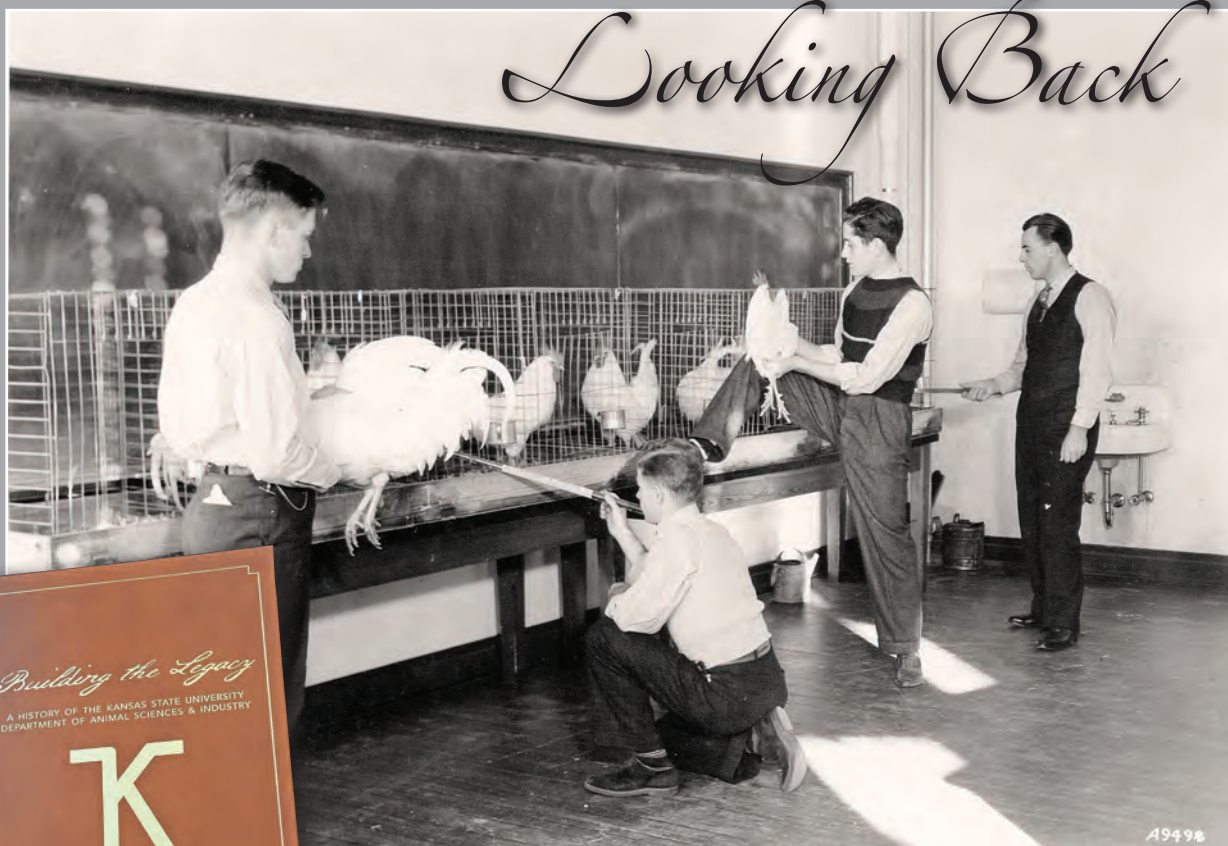
have made a gift of \$25,000 to establish the New Family Alpha Gamma Rho Scholarship.

Bill New (BS '63 agricultural economics) earned a master's degree in economics from the University of Missouri in Kansas City. He is chairman of the board of First State Bank of Tonganoxie. Lorin (Coonrod) New also attended K-State.

Three of the News' children are K-State graduates – Jilinda (New) White (BS '87 apparel and textile marketing), Leavenworth; Damon New (BS '91 agricultural economics), Leavenworth; Brandon New (BS '03 animal sciences and industry), Leavenworth. Shawna (New) Gilmore, Leavenworth, graduated from Pittsburg State University.



# Looking Back



*Building the Legacy*  
A HISTORY OF THE KANSAS STATE UNIVERSITY  
DEPARTMENT OF ANIMAL SCIENCES & INDUSTRY

K

This photo shows members of the 1938 K-State senior poultry judging team in Waters Hall. It is from the new history of the Department of Animal Sciences and Industry. Professor Miles McKee put in countless hours researching content for the project. Jerilyn (Johnson) Houghton (BS '82 agricultural journalism) worked with Department of Communications staff members to produce the book. For more information, contact Darla Thomas at 785-532-1259 or [dthomas@ksu.edu](mailto:dthomas@ksu.edu).

## WILD4AG Weekend May 8-9, 2009

☐ **Yes, I will attend Wild4Ag Weekend in Manhattan**

☐ **No, I will not be able to attend, but I'd like to contribute \$100 or \$\_\_\_\_\_ to support the mission of the College of Agriculture**

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Name for name tag:

First \_\_\_\_\_ Last \_\_\_\_\_

List additional attendees: Names for name tags:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Friday, May 8

☐ Ag Alumni Scholarship Golf Tournament, \$125 per person

List team members: \_\_\_\_\_

\_\_\_\_\_

Number members \_\_\_\_\_ x \$125 = \$ \_\_\_\_\_

Extra steak dinner tickets \_\_\_\_\_ x \$30 = \$ \_\_\_\_\_

### Saturday, May 9

☐ Awards Reception

Number \_\_\_\_\_ No charge

☐ New Graduate and Alumni Dinner

Number \_\_\_\_\_ x \$25 = \$ \_\_\_\_\_

**Total \$ \_\_\_\_\_**

### Method of payment

☐ Enclosed is a check made payable to the KSU Foundation/College of Agriculture

☐ Please charge my ☐ VISA ☐ MasterCard

Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Cardholder's Signature \_\_\_\_\_

**Complete this reservation form and mail it, along with your payment, to:**

College of Agriculture Alumni Association, Kansas State University, 117 Waters Hall, Manhattan, KS 66506-4015, or call Sharon Thielen 785-532-5121. Reservations are due April 27, 2009.



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**May 8-9, 2009**

# WILD 4 AG Weekend

**Friday, May 8**  
**Ag Alumni Scholarship**  
**Golf Tournament,**  
**Colbert Hill Golf Course**  
**4 person, 18-hole scramble**

**10 a.m.** – Registration and lunch

**Noon** – Shotgun start

**6 p.m.** – Steak dinner and awards (non-golfing spouses and guests welcome at \$30 per person)

**Cost** – \$125 per person entry fee includes: cart and green fees, lunch, complimentary beverages, steak dinner, and a tournament souvenir.

**For additional information, contact Sharon Thielen**  
**at 785-532-5121 or [sthielen@ksu.edu](mailto:sthielen@ksu.edu)**

**Saturday, May 9**

**Awards Reception – 2008 Award winners**

**4 p.m.** – K-State Alumni Center

**Distinguished Alumnus:** U.S. Sen. Sam Brownback  
BS '79 agricultural economics

**Outstanding Young Alumnus:** Michael Torrey  
BS '86 agricultural education

**David J. Mugler Outstanding Teaching Award:**  
Steve Harbstreit, Professor, Agricultural Education

**New Graduate and Alumni Dinner**

**6-8 p.m.** – K-State Alumni Center, Recognition  
of fall and spring graduating seniors

**Cost:** \$25

To register, fill out and return the form on the inside back cover.

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