

k-state statement

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plaudits

Desai named associate dean for College of Business Administration

Anand Desai, associate professor and head of the department of finance in the College of Business Administration, will assume the role of associate dean and director of undergraduate programs for the college in early August.



Desai joined the College of Business Administration in 1994. He holds the ConocoPhillips Faculty Fellowship. He was appointed as head of the department of finance in 1998. Desai received his doctorate from the University of Michigan, master's degrees from Oklahoma State University and Iowa State University, and a bachelor's degree from Maharaja Sayajirao University in Baroda, India.

Saak is assistant director of financial assistance

Kim Saak has been promoted to assistant director of the office of student financial assistance. Saak previously served as a financial aid adviser in the office, which she joined in 2006.

In her new position, Saak will administer the Federal Academic Competitiveness Grant and the Federal National Science and Mathematics Access to Retain Talent Grant. She also will assist with the implementation of the financial aid module for K-State's new student information system, iSIS.

Saak, who was a K-State 2007 classified employee of the year, earned bachelor's degrees in political science and finance and a master's in public administration, all from Iowa State University.

on campus August

Aug. 29

Library gala
"A World of Friends," the annual library gala, will take place at 6:30 p.m. in Hale Library's Great Room. Tickets cost \$85 for Friends of the K-State Libraries, \$100 for non-members. To purchase, call Diane Landoll, 532-7343.

Watercolor exhibition

"As Big as All Outdoors: Watercolors from the Permanent Collection" runs through Sept. 13 at the Beach Museum of Art. This gathering of works from a range of periods and styles explores how artists such as Charles Marshall, John Steuart Curry and Joan Foth have described urban side streets and rural spots using this easy-to-transport but challenging medium. For museum hours and exhibition details, see the museum's Web site at <http://www.k-state.edu/bma/>



The Golden Dragon Acrobats open McCain's Performance Series at 7 p.m. Thursday, Aug. 28. The troupe draws on centuries-old Chinese entertainment traditions. Tickets cost \$8-\$25; call the box office at 532-6428 or buy online at <http://www.k-state.edu/mccain/tickets/order.html>

opportunities

Classified

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

Unclassified

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

All-University Campaign, continued

faculty and staff participated. The campaign co-chairs hope that participation will continue to rise. "We would like to see the campaign continue to grow, and therefore, we would like to see participation and contributions this year exceed those of the previous year," Pierzynski said. "I would just ask that people consider K-State in their philanthropic activities."

Kick-off party Sept. 11

The 2008 All-University Campaign for K-State is hosting an ice cream social to kick off the fund drive. It will take place from 3:30-5 p.m. Thursday, Sept. 11, in the K-State Student Union Main Ballroom.

The Unity and Pride Campaign will kick off Thursday, Sept. 11, in the K-State Student Union. Campaign packets with detailed

instructions and giving materials will be available through any one of about 60 volunteer faculty and staff representatives. ■

Stem cells carry anti-cancer drugs, continued

cells by homing to them, Hua said. As the stem cells reach the cancer tissues, another chemical that induces death of the stem cells will be administered — only stem cells are engineered to respond to this additional drug. This means that the nanogel-encapsulated drugs will be released from the stem cells directly at the cancer tissue.

Because the drugs are going directly to cancer cells, Troyer said this method could cause fewer side effects than less direct methods like intravenous chemotherapy. Troyer said that this research will make existing but underused cancer drugs more useful.

"The nanogel can be viewed as a very tiny piece of paper that wraps around the anti-cancer drug like a candy wrapper," Hua said. "Over time or under certain conditions, the paper unwraps and releases the candy. Most anti-cancer drugs, including ours, are insoluble in water. However, the nanogel is water soluble." ■

"Many potent small-molecule drugs are sitting on a shelf collecting dust," Troyer said. "Often they are insoluble or have many toxic effects. We hope to deliver some of these compounds in a more targeted manner via the combination of stem cells and nanoparticles. Although nanotechnology has made enormous strides toward more focused drug delivery, there is always room for improvement." ■

Noteworthy, continued

Richard Harris, Lester Loschky and students presented "The Effects of Stress and Working Memory Capacity on Second Language Learn-

ers' Comprehension of Facts, Inferences, and Pronoun Referents," meeting of the Society for Text and Discourse, July 12-15, Memphis. ■

Professor has high hopes for transgender acceptance, continued

medical care. Stoughton, who had been living as a woman while off campus but maintaining a male presentation as a professor, decided only last fall to "just be the same everywhere."

of support: "My teacher evaluations that semester were at least as good as they had been." K-State is not the first or only university to move toward transgender accommodation, Woodford said. Newman University

housing for transgender students. "Campuses are quite varied in responding to transgender issues," Woodford said. The pace of such facilities accommodations at K-State and other state institutions will depend on funding from the state legislature, Howard said.

Last week she was able to change her sex in governmental records as a consequence of having undergone surgery this summer. "Walking into a classroom dressed as a woman for the first time, there was a little trepidation," Stoughton acknowledged. "But the students were wonderful. My colleagues have taken it in stride as well." She points to one solid measure

"Campuses are quite varied in responding to transgender issues."
Joyce Woodford

already provides gender-neutral, single-occupancy restrooms, for example, and the University of Nebraska at Lincoln is building

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A time to give

All-University Campaign provides chance to demonstrate spirit of community

For Cyreathia "Sam" Reyer, one of four co-chairs for the upcoming All-University Campaign for K-State, making a gift to K-State has been an easy decision. "For me personally, it is easy," said Reyer, public service administrator I in the department of horticulture, forestry and recreation resources. "My youngest son was fortunate enough to receive a football scholarship at K-State, and a gift to the university is a way for me to give back and say 'thank you' to donors who created the opportunity he has had to be a part of such a great organization."



Co-chairs for the Unity and Pride, the 2008 All-University Campaign for K-State, are Cyreathia Reyer (from left), Barbara Nagel, Betsy Cauble and Gary Pierzynski.

This year's drive, dubbed the Unity and Pride Campaign, kicks off Sept. 11. It is an internal fundraising effort to benefit K-State. Campus volunteers run the campaign, which focuses on participation by all employees, faculty and staff of the campus, the K-State Alumni Association, Kansas State University Foundation and the athletic department.

Reyer's fellow co-chairs are Betsy Cauble, head of the department of sociology, anthropology and social work; Barbara Nagel, public service administrator in the registrar's office; and Gary Pierzynski, head of the department of agronomy. They plan to encourage campus colleagues to make a difference at K-State in areas where they care most.

"As a department head, I see firsthand the funding challenges we have," Cauble said. "We are constantly looking for resources for students in the form of financial aid and instructional equipment, for faculty in terms

of salary, travel and professional development, increased opportunities and professional develop-

ment for staff, and facilities upgrades. "It is critical that we send a message to the community, leg-

islators and donors that we care about this institution and we are willing to support it." The annual campaign began in 2006 as part of the historic Changing Lives Campaign. The Unity and Pride Campaign highlights the principles that the campaign seeks to embody.

Through unity in giving to a common cause — K-State — faculty and staff demonstrate their pride in and commitment to the university. "This campaign offers an opportunity to contribute to the continued success and pride of

"As a department head, I see firsthand the funding challenges we have."
Betsy Cauble

Ice cream social Aug. 27 to mark tornado recovery

K-State faculty, staff and students are invited to celebrate tornado recovery with an ice cream social at 3 p.m. Wednesday, Aug. 27, on the lawn between Hale Library and Waters Hall.



"K-State — Better Than Ever" is the theme for the event hosted by President Jon Wefald, who will offer brief remarks at 3 p.m.

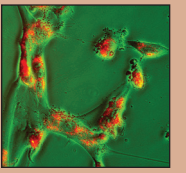
The campus community will have an opportunity to celebrate successful clean-up efforts after the tornado that hit campus and the Manhattan area June 11.

The last all-university ice cream social was in September 1986.

Class rosters move to iSIS

Beginning this semester, all class enrollment management will take place in iSIS, the new student information system. Class rosters are available only online, both in iSIS and in K-State Online. Paper rosters will no longer be distributed. Besides improved efficiencies, this change allows K-State to better protect student identities, as the Social Security number no longer is the primary identifier on rosters. The Wildcat ID, or WID, takes its place. Instructions on how to access the class roster may be found on the iSIS faculty help page at <http://www.k-state.edu/isishelp/faculty>

Inside

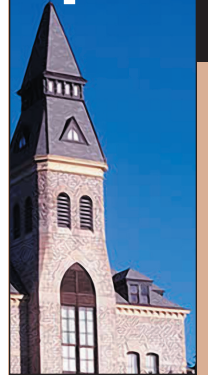


Umbilical stem cells are tailored to carry anti-cancer agents. Research

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points of pride

K-State aviation in KC, Wichita



Students and staff from K-State at Salina will represent the department of aviation at the Wichita Flight Festival, Aug. 22-24 at Col. James Jabara Airport, and at the Kansas City Aviation Expo, Aug. 23-24 at Wheeler Downtown Airport.

The university's Cessna 172 with G1000 glass cockpit avionics and Beechcraft Bonanza will be on display at the Wichita festival. The Cessna also will visit Kansas City, along with a Beechcraft Baron.

oh, by the way

Book to document history of Kansas beef

In anticipation of the state of Kansas' sesquicentennial activities in 2011, Kansas State University is looking ahead to celebrating the history of the Kansas beef industry.

"We are requesting stories, histories and pictures regarding the beef industry in Kansas," said Dan Thomson, associate professor and director of K-State's Beef Cattle Institute.



Dan Thomson

Thomson and assistant professor Justin Kastner have assembled a group of history, animal science, public health and pre-vet students to help produce a book and online video series to coincide with Kansas' 150th birthday in January 2011.

"We want to tell the stories of many of the people and institutions that have made Kansas beef what it is today," Thomson said. "We would love for ranchers and feedlot owners across Kansas to share their stories."

Thomson, who holds the Jones Professorship of Production Medicine in the College of Veterinary Medicine, invites people to submit stories, personal memories and company histories.

"This will be a student-centered project that will culminate in both a book and an online podcast series," Kastner said. "We have put together a 'dream team' of graduate students and undergraduates from the Colleges of Agriculture and Veterinary Medicine, as well as the department of history."

Stories, histories, personal memories and photographs for "150 Years of Kansas Beef" may be submitted to:

Beef Cattle Institute (attn: 150 Years of Kansas Beef); College of Veterinary Medicine; Room 1D, Trotter Hall.

Visitors Day is Sept. 27 at Konza Prairie

The opportunity for an up-close look at the Kansas Flint Hills and the tallgrass prairie will come when the Konza Prairie Biological Station holds its biennial Visitors Day, Saturday, Sept. 27.

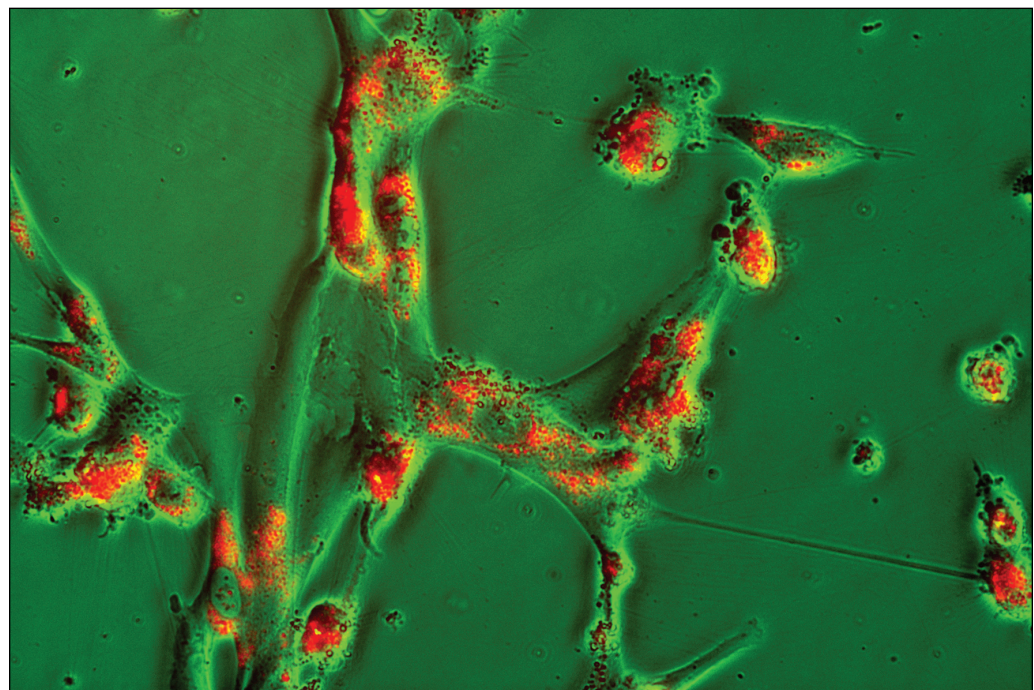
The Konza Prairie Biological Station is a preeminent center for grassland research. The 8,600-acre native tallgrass prairie preserve is dedicated to a three-fold mission of long-term ecological research, education and prairie conservation.

For Visitors Day, the Konza will open its gates from 8 a.m. to 4 p.m., offering guided access to its restricted areas and giving everyone the opportunity to see the bison herd or hike the trail system. Visitors also will see live animal displays and research exhibits at the station headquarters, while learning about tallgrass prairie conservation and management. Researchers, docents and staff will provide information about history of the site, Flint Hills geology, tallgrass prairie flora and fauna, and other natural history.

Other activities include driving tours of the bison enclosure, hay wagon rides, tours of the Hokanson homestead along Kings Creek and guided hikes. Special activities for youth will be at the Hulbert Education Center in the lower level of the ranch house.

"There's something for the whole family," said Valerie Wright, environmental educator for the Konza Prairie.

research



These human umbilical matrix stem cells are loaded with nanoparticles containing doxorubicin, a chemotherapeutic agent that can damage the heart when given on its own.

Stem cells carry anti-cancer drugs

Research could make therapy more effective, less toxic to patients

K-State researchers are working on a method of delivering cancer drugs that promises to increase efficiency and reduce side effects.

"Although chemotherapy has saved many lives, it often has undesirable side effects," said Deryl Troyer, professor of anatomy and physiology at the College of Veterinary Medicine. "The people most excited about this research are people who have gone through chemo, because our approach may circumvent many of those side effects."

Troyer and two other faculty members – Duy Hua, university distinguished professor of chemistry, and Masaaki Tamura, associate professor of anatomy and physiology – received a \$380,000 grant from the National Institutes of Health. They are studying how

stem cells can be used to deliver anti-cancer drugs directly to breast cancer cells via nanoparticles. The researchers have studied the method in vitro but soon hope to study the method in preclinical models. The research is a part of the program of the Midwest Institute for Comparative Stem Cell Biology at K-State and has received support from K-State's Terry C. Johnson Center for Basic Cancer Research.

The researchers are using stem cells isolated from Wharton's jelly, the substance that cushions blood vessels in the umbilical cord. These stem cells can be harvested noninvasively and therefore are not controversial.

"Billions and billions of these cells are disposed of every day," Troyer said. "We think these cells have a lot of advantages, including their ability to be harvested in

large numbers very rapidly."

Troyer said the stem cells display a homing ability in that they tend to travel to tumors and other pathological lesions. The researchers are using these stem cells as delivery systems by loading the cells with nanoparticles that contain anti-cancer drugs.

"We are using the cells as stealth vehicles," Troyer said.

Hua is fabricating the nanoparticles and some of the small-molecule drugs for the research. The tiny capsules are "nanogels" made up of two polymers. The nanogel has a dye molecule that allows the researchers to follow it through the body.

The nanogel capsules are loaded into a stem cell, which responds to proteins sent out by the cancer

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noteworthy

Agronomy

Jianming Yu, Chengsong Zhu and colleagues published "Status and Prospects of Association Mapping in Plants," The Plant Genome, Vol. 1, No. 1.

Journalism and Mass Communications

The following faculty members presented at "Media and Global Divides," the 26th World Congress of the International Association for Media and Communication Research, July 20-25, Stockholm:

Soontae An and colleague, "Online Advergaming and Children's Understanding of Commercial Contents."



Soontae An was among faculty members presenting at the 26th World Congress of the International Association for Media and Communication Research July 20-25 in Stockholm.

Nancy Muturi, "The Elderly and HIV/AIDS Infection in Kenya: A Qualitative Analysis."

Sam Mwangi, "A Search for an Appropriate Communications Model for Media in New Democracies in Africa."

Muturi has been elected as the next chair for the International Association for Media and Communication Research HIV/AIDS working group for the next four-year term.

Psychology

Satoris Youngcourt-Culbertson and student presented "Work-Family Conflict as a Moderator Between Emotional Labor and Burnout," Mid-Western Applied Psychology Conference, July 11-12, Carbondale, Ill.

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Professor has high hopes for transgender acceptance

Alley Stoughton is willing to answer questions about life as a transgender person if it will smooth the path for those who follow her.

"It's hard for the individual to bear the weight of explanation," said Stoughton, an associate professor of computing and information sciences.

An executive order signed by Gov. Kathleen Sebelius should eventually ease that burden. Executive Order 07-24 includes gender identity in its language protecting state employees from discrimination and harassment.

Stoughton is a transgender woman. "I think it's wonderful that there's movement" toward recognizing and protecting that status, she said.

To that end, the order also requires training, which K-State's Division of Human Resources will fold into its existing programs and such campus initiatives as SafeZone, according to Clyde Howard, director of affir-



Joyce Woodford and Alley Stoughton have encouraged recognition and support of transgender concerns on campus and elsewhere.

mative action.

"Societal change can feel challenging, even threatening," said Joyce Woodford, a counselor who has worked with transgender students. "But that doesn't stop the process, nor the need for the change.

"Within Kansas, as within our campus community, I expect

the executive order to heighten awareness of transgender peoples' needs and rights," Woodford said.

That awareness should lead to protection in such areas as employment, housing, marriage, child custody and access to

Continued on back

up close

The political pet

Ronnie Elmore charts the influence of White House critters

Ronnie Elmore, associate dean of the College of Veterinary Medicine, has some campaign advice for this year's presidential candidates: Put your pets front and center.

"I'm absolutely convinced that both candidates would do well to get animals into photo opportunities," said Elmore, a dedicated historian of U.S. presidents and their pets.

Such a directive will be easier for John McCain to follow than for Barack Obama. The Republican candidate's Arizona ranch is awash in creatures great and small, while the Democrat's allergy-afflicted family has no pets at all.

An AP/Yahoo! News survey found that pet-owning Americans, particularly those with dogs, favor McCain over Obama 42 percent to 37 percent. But among non-pet people, Obama leads McCain 48 percent to 34 percent.

Elmore has plenty of evidence that pets can do for presidents what Lassie did for Timmy: Dig them out of tight spots.

Richard Nixon, for example, was in danger of being dumped from the 1952 GOP ticket when his "Checkers speech," defending himself – and his daughters' dog – against accusations of financial misdeeds, produced a flood of public support.

Dwight Eisenhower kept Nixon aboard "and the rest is history," Elmore said.

Even when political pets weren't rescuing political careers, they have been the source of anecdotes and trivia that make Elmore a popular after-dinner speaker.



Books, prints and photographs on the topic of U.S. presidents and their pets take pride of place in Ronnie Elmore's office. Among his collection is a vinyl 45 of Lyndon Johnson singing a duet with his dog. "It didn't sell very well," Elmore said.

Such tidbits include that more than 400 animals have lived in the White House – if you count the horses and cows in the outbuildings of earlier centuries, and that more presidents have owned dogs than cats. As for cats, though, Rutherford B. Hayes had the first Siamese in the United States, according to Elmore.

Elmore got hooked on presidential pet history when he and his wife came to K-State 18 years ago. Trips to the Eisenhower Center in Abilene became a habit, and curiosity about Ike's dogs blossomed into a broader inquiry.

Eisenhower's pets continue to be a natural topic of interest because of his ties to K-State. Milton Eisenhower, Ike's brother, was president of the university from 1943 to 1950. According to Elmore, Ike visited Manhattan Jan. 8, 1944, bringing a puppy to his niece, Ruthie. The puppy was the offspring of Ike's Scottish terrier Telek.

Bob Dole also has canine ties to K-State. Dole's family has owned a series of schnauzers dubbed "Leader Dole," who are commemorated with the Leader Dole Scholarship, which benefits veterinary stu-

dents.

If Obama finds himself under pressure to close the pet deficit, he won't be the first presidential candidate to have a dog urged on him for image reasons, Elmore said. Advisers suggested to the dour Herbert Hoover that he get a dog; he chose a huge German shepherd named King Tut.

Elmore thinks that Obama's pet-free status won't last. The American Kennel Club has suggested several hypoallergenic breeds, and Elmore predicts that someone will very publicly give the Democratic candidate a dog he can't refuse. ■