

Stone named Pickett chair

David Stone, professor of history, has been awarded the Richard A. and Greta Bauer Pickett Chair for Exceptional Faculty at K-State. The Richard A. and Greta Bauer Pickett Chair is one of five chairs endowed by Frank and Elizabeth Burke. It has been put at the disposal of the university president, provost and dean of the College of Arts and Sciences, who awarded it to the department of history and the Military History Institute. Stone teaches courses on the history of Russia and the Soviet Union, India and South Asia, and Western civilization. This semester he is teaching the first part of the Russian survey course, an introductory course for graduate students, and the final project course for master's students in K-State's security studies program.

Stone said serving as the Pickett Chair will not only allow him to continue his teaching and research, but also help the history department expand its growing military history program.

Agronomy professors named Fellows

Kassim Al-Khatib and Alan Schlegel, professors of agronomy, were recently named Fellows of the American Society of Agronomy at the 2008 American Society of Agronomy annual meeting in Houston, Oct. 5-9.

Al-Khatib focuses on plant-environment-herbicides interactions and herbicide-resistant plants. He is also the president of Council of Agricultural Science and Technology and is associate editor for the International Journal of Agronomy. He and a colleague have recently introduced an herbicide-resistant sorghum technology, which will be commercialized in the near future.

Schlegel, an agronomist at K-State's Southwest Research-Extension Center, focuses on nutrient and water management in dryland and limited irrigated cropping systems. He is also currently serving as associate editor for Soil Science Society of America Journal.

The American Society of Agronomy has been naming outstanding members as Fellows since 1924. Members of the Society nominate worthy colleagues based on their professional achievements and meritorious service. Only .3 percent of the Society's active and emeritus members may be elected Fellow.

Nov. 7

**Sandzén from the Sandzén**  
Birger Sandzén came to America from Sweden the early 1900s. As a professional artist Sandzén produced an astonishing number of oils, watercolors, and prints, which found their way into literally thousands of homes and schools. Through Feb. 22, Beach Museum of Art.

'Memory of Water'

The play Memory of Water brings together three adult sisters for their

mother's funeral. As Teresa, Mary and Catherine are going through their mother's items, the sisters bring up a mix of memories that fuel old grievances. 7:30 p.m., Nov. 6-8, Purple Masque Theatre, East Stadium. For ticket information call 532-6428.

Nov. 8

**Training: Making a Podcast**  
Learn the basic techniques for making a podcast using Garageband. 4 to 5 p.m., 213 Hale Library.

Nov. 9

**Training: Introduction to iMovie**  
Learn the basics of video editing using iMovie HD. 4 p.m., 213 Hale Library.

Nov. 10

**'Role of Engineers in Poverty Reduction: Challenges and Opportunities'**  
A lecture by Bernard Amadei, founding president of Engineers Without Borders - USA. 3:30 p.m., Fiedler Hall Auditorium.

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.

Capturing campus, continued

photo was one he shot last year during a state championship football game involving a legendary high school team from Smith Center.

"There are two players celebrating in the end zone with the ref signaling the touchdown in the background and the rest of the team running down the field toward them," he said. "I was trying to capture the team's passion. There was such excitement in the air."

And it's the passion and excitement on campus that he'll now cast his eye upon.

"It's a challenge to look at the world around you and see it in a different way," he said. "A lot of my images are just found. I like to take an everyday scene and present it in a way a person wouldn't normally look at it."

As university photographer, Mayes is responsible for providing professional photography for a variety of university needs and clients. He also will maintain the university's photo archive and assist with K-State video projects for podcasts and placement on Web sites such as YouTube.

Over the next few months, K-State's photographic services will be introducing a number of innovations to enable all K-State units access to great photos at affordable prices.

To set up an appointment or find out more call 785-532-6304 or e-mail [photo@k-state.edu](mailto:photo@k-state.edu). ■

Conference on Multiphoton Physics, Sept. 18-23, Heidelberg, Germany.

Thumm presented "Towards the Complete Imaging of Molecular Dynamics With Ultra-Short Laser Pulses," US Department of Energy Office of Basic Energy Sciences contractors meeting, Sept. 14-17, Airlie Conference Center, Warrenton, Va.

Special education, counseling and student affairs

Jim Teagarden presented "What Every Administrator Needs to Know About Behavior Management: Blood, Sweat, and Tiers," Third Annual Conference for Administrators on Behavior Issues, Oct. 16, Overland Park.

Teagarden presented "Dealing with Angry Adolescent Students in an RTI Setting," Kansas Association of School Psychologists/Council for Exceptional Children Joint Conference, Oct. 17, Junction City.

Chinese Pedagogy, Oct. 24-25, Portland State University, Portland, Ore.

Multiple departments

The following K-State faculty presented at the annual meeting of the Midwest Academy of Management, Oct. 2-4, St. Louis, Mo.:

Andrew Wefald, Leadership Studies; Ron Downey, psychology; and students, "A Structural Model of Work Load, Job Attitudes, Stress, and Turnover Intentions."

Wefald, Downey and students, "The Relationship of Life and Job Satisfaction to Emerging Attitudes."

Tom Wright and Brian Niehoff, management; and Wefald; "Character-Based Leadership: A Kansas State University Scholarship Showcase."

Physics

Thumm presented "Control and Imaging of The Nuclear Dynamics in Small Molecules," 11th International

in more than \$4.7 million per year in grants.

In addition to the Macdonald Lab members, the Kansas Light Source also is used by others at K-State. For example, Shuting Lei, associate professor of industrial and manufacturing systems engineering, and his group uses the lasers to drill holes because they

are much cooler, temperature-wise, than using a drill press.

Ben-Itzhak said the lab's switch to ultrafast laser science has generated an increased demand for laser time. That's why the lab is working to acquire another laser that can provide new research opportunities and relieve the logjam on laser time. ■

noteworthy, continued

"Depositional Zonation and Hypertidal Sedimentation within Turnagain Arm, Cook Inlet, Alaska, USA."

Archer, "Cyclic Tidal Rhythmites: Environmental, Astronomical, and Sequence-Stratigraphic Significance."

Human ecology

Majka Jankowiak and Gayle Doll presented "The Fire Still Burns: Sexuality in Nursing Homes," American Association of Homes and Services for the Aging conference, Oct. 12-15, Philadelphia, Pa.

Modern languages

Claire L. Dehon published "Le Roman chez les auteurs d'origine subsaharienne (2001-2006)," French Review, Vol. 82, No. 1.

Wei Wu presented "Direct Translation in American Culture Course is Not Necessary and Even Counter Productive Under Some Circumstances: K-State Case," The International Conference on Translation Studies, Cross-Cultural Communication and

Ultrafast laser research lighting the way, continued

These researchers leverage the DOE funding and the infrastructure it provides to bring in additional funding from the National Science Foundation, the Army Research Office and the Air Force Office of Scientific Research, among other sources. All together, the atomic, molecular and optical physics group brings

k-statement is published semimonthly for the faculty and staff of Kansas State University. The next issue of K-Statement is November 20. Submit items by noon November 10. Published by: K-State Media Relations, Kansas State University, 9 Anderson Hall, Manhattan, KS 66506-0117. Phone: 532-6415 Fax: 532-6418 E-mail: [media@k-state.edu](mailto:media@k-state.edu) Web: [www.k-state.edu/media](http://www.k-state.edu/media) K-Statement editor: Katie Mayes Coordinator: Julie Fosberg

Tribute to Wefald

State, local officials tout K-State president's leadership in several areas



K-State president Jon Wefald speaks to the audience during the Kansas Bioscience Authority's 'Tribute to Jon Wefald' Oct. 28.

Below left, Sandra Lawrence, chair of the authority's board, touts President Wefald's leadership style.



Below, Lyle Butler, president of the Manhattan Area Chamber of Commerce, confers with authority president Tom Thornton.



"We have asserted ourselves as a national leader in key bioscience clusters," Thornton said. "Foreign companies and researchers are moving to Kansas. Investors nationally are betting on Kansas companies. The health of the Kansas bioscience economy has never been stronger." Thornton cited the Eminent

Scholars Program, which provides financing, matched by private and institutional funds, to recruit renowned scientists to Kansas academic research institutions. He introduced Juergen Richt, former lead scientist with the U.S. Department of Agriculture's National Animal Disease Center and an adjunct professor at Iowa State University.

"He is now here at Kansas State University, and his research will further enhance our international reputation for animal health and food safety," Thornton said. "It is expected that our first three eminent scholars will account for nearly \$35 million in new external research funding in Kansas over the next five years."

Thornton gave a tip of the hat to the Manhattan community for coming together to support efforts to site the National Bio and Agro-Defense Facility at K-State. He said research to be conducted at the NBAF will protect America's food supply and agriculture economy.

"In FY 2008, K-State was selected as one of six finalists under final consideration for the \$451 million facility," Thornton said. "We've gotten this far because we have created an extraordinary public/private collaboration and a model for our efforts going forward. We truly have something special to offer to this critical project."

Sandra Lawrence, chairwoman of the Kansas Bioscience Authority complimented Wefald's visionary testimony in October 1999 before the U.S. Senate's Emerging Threats Subcommittee.

"Long before 9/11 catapulted terrorism into the forefront of the national consciousness, Jon was there warning of the threat of terrorism to America's food supply and agriculture economy," Lawrence said.

"He went on to ensure that K-State solidified and advanced its national leadership on this critical issue, making food safety and animal health top priorities - pav-

continued on back

Konza Prairie barn undergoing renovation

Surrounded by rolling hills of tall-grass prairie near Manhattan is an old 10,000 square foot limestone barn, rich with historic value and ecological importance.

The barn, built in 1910 as part of the Dewey Ranch, was recently renovated into a conference center and meeting facility for K-State's Konza Prairie Biological Station.

Konza Prairie, managed by the K-State Division of Biology, unveiled the first stage of the barn's renovation at the Sept. 26 dedication for the Cortelyou Lecture Hall.

The Cortelyou family made a key contribution of \$300,000 toward the renovation to honor the late John Van Zandt Cortelyou, a K-State faculty member from 1904 to 1934. That is the largest single donation to Konza since its original acquisition.

Rushton Gardner Cortelyou, son of John Van Zandt Cortelyou, willed the funds to K-State upon his death in 2004 to honor his father's name at K-State. However, it was Rushton Cortelyou's interest in nature, especially birding, which led to the gift coming to Konza.

The cost of the barn's first phase was more than \$700,000 and additional funding came from a variety of sources.

Konza Prairie was developed as an ecological research site in 1971 and is located on 8,600 acres of native tallgrass prairie preserve jointly owned by the Nature Conservancy and K-State.

Up Close



New university photographer takes a fresh look at campus  
Up Close

## oh, by the way

### Reminder: flu shots still available

K-State's Lafene Health Center has three flu shot clinics remaining on Nov. 6, 13 and 20. The vaccine is available for students, faculty and staff, as well as their spouses and children 18 years or older.

To get the vaccine, check in at Lafene's front entrance on the above clinic dates. Vaccines are available on a walk-in basis. As with all vaccines administered through Lafene, there is a required 20-minute wait following the vaccine injection. The cost of the vaccine is \$14 for students and \$19 for faculty, staff and their family members. For students, the vaccine also is available weekdays from 8:30-11:30 a.m. and 1-4 p.m. by appointment at Lafene Health Center.

### Grant to boost online degree programs

Nearly \$200,000 has been awarded through the Division of Continuing Education for the development of 26 distance education programs and courses from six K-State colleges. The funds will be used to develop several new online graduate degrees, including horticulture therapy and criminology and justice studies, as well as an online bachelor's degree in family studies and human development. A new certificate in turf grass management will be developed with the funding, along with programs in grain science and industry for professionals in the grain storage, handling and processing industries.

Funding also was awarded for the development of several single courses that will enhance current programs and professional needs, including Environmental Communications, New Media Technology, Introduction to GIS, Structural Analysis, Personal Finances for College Students, The Army Family: From Challenge to Resilience, Organizational Conflict and Aviation Weather. A complete listing of funded grant proposals for the 2008-2009 academic year is available at <http://www.dce.k-state.edu/faculty/grants>

### New open access journal available

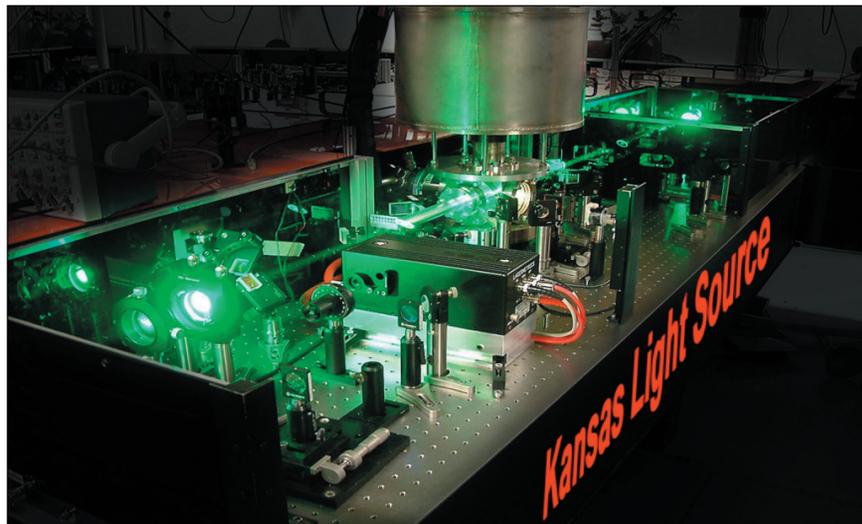
New Prairie Press, an open journal imprint founded and supported by K-State Libraries, has its first open access journal available, The Baltic International Yearbook of Cognition, Logic and Communication. It is edited by Sandra LaPointe, assistant professor of philosophy at K-State, and a colleague at the Center for Cognitive Sciences and Semantics at the University of Latvia. Open access journals are freely available to readers everywhere without restriction. K-State Libraries began New Prairie Press to support the move toward a publishing model where access is not restricted by ability to pay. In addition to The Baltic Yearbook, other titles are currently under development. New Prairie Press can be accessed at <http://newprairiepress.org/> and the Baltic Yearbook is available at <http://thebalticyearbook.org/>

### Media development center can help faculty, staff

The media development center has purchased new equipment to better serve K-State students and faculty/staff. That equipment includes: several new cameras, terabyte-sized hard drives for video editing, equipment for a high-definition editing suite, a Pro Tools sound-recording suite in the sound booth, with a Mac Pro, a Roland Fatom X6 series keyboard, and a Digidesign Digi 003 Pro Tools sound board.

The center's student coordinators also are gearing up to teach classes on how to make podcasts, and use software including Dreamweaver MX, iMovie HD, Final Cut Pro, and After Effects. All dates and times will be posted at <http://www.k-state.edu/infotech/mdc>

## research



K-State's J.R. Macdonald Laboratory is becoming so well known for ultrafast laser science, that the demand for laser time has outstripped its resources. Officials are in the process of acquiring a new laser to boost the lab's research capabilities. (Photo courtesy of the J.R. Macdonald Laboratory.)

## Lighting the way

Physics lab is on the cutting edge of ultrafast laser research

For decades, the J.R. Macdonald Laboratory at K-State has been known worldwide as a center for atomic collision physics using particle accelerators. Now, researchers at the lab are working toward making it known for ultrafast laser science.

The Macdonald Lab is the main part of the K-State atomic, molecular and optical physics program, which has ranked in the top 20 in the nation out of all such university programs, according to U.S. News and World Report. In recent years the lab has shifted its research focus to ultrafast laser science. This change in emphasis was marked with the installation of the Kansas Light Source, an intense ultrafast laser, a few years ago.

"There are advantages to both ultrafast laser research and accelerator research," said Itzik Ben-Itzhak, Macdonald Lab director and K-State professor of physics. "The laser gives you the ability

to control a reaction occurring within a molecule and not just to observe that phenomenon. Just imagine what opportunities such control could lead to in molecular engineering."

The basic physics research at the Macdonald Lab could one day enable researchers to tailor molecules to improve health care, energy and security. Ben-Itzhak said that the Macdonald Lab's work to investigate these fundamental processes and find out the optimal laser characteristics — such as intensity, pulse duration and spectrum — is the first step down a long road.

"We're not trying to be solely a laser technology lab," Ben-Itzhak said. "Rather, we are interested in studying laser-matter interactions on the atomic and molecular scale. However, in order to be in the forefront of this rapidly evolving field, we have to have the right balance between developing our laser technology, i.e. instrumental capabilities, and

immediately interrogating matter with them."

The Macdonald Lab houses nine K-State faculty experts and brings in \$2.5 million from the U.S. Department of Energy annually.

Department of physics faculty include: Zenghu Chang, professor; Lew Cocke, distinguished professor; Brett DePaola, professor; Brett Esry, professor; Vinod Kumarappan, assistant professor; Chii-Dong Lin, distinguished professor; Igor Litvinyuk, assistant professor; and Uwe Thumm, professor. Research faculty include: Kevin Carnes, associate research professor; Charles Fehrenbach, research assistant professor; and An Thu Le, research assistant professor. Also included are atomic, molecular and optical physics program faculty Kristan Corwin, associate professor, and Brian Washburn, assistant professor.

continued on back

## noteworthy

### Anthropology

Harald E.L. Prins and colleagues published "Acadia National Park, Maine: Asticou's Island Domain," American Indian Places: A Historical Guidebook, Boston: Houghton Mifflin Company, 2008.

Prins presented "Anthropologists and Unesco's Hylea Amazon Project, 1946-1952," Oxford University, summer 2008.

### Art

Gerry Craig published "Frederik Meijer Gardens and Sculpture Park," anthology Landscapes for Art: Contemporary Sculpture Parks, published by the International Sculpture Center in collaboration with the University of Washington Press, September 2008.

### Clinical sciences

Hans Coetzee presented "Evidence-Based Medicine (EBM): What Does This Mean To a Rural Practitioner in Northern Ireland?" "Antimicrobial Therapy of Bovine Mastitis," "Treatment and Prevention of Calf Scours," "Ancillary Therapy of Pneumonia and Endotoxin Mastitis," "Pain Management and Analgesia in Cattle" and "Antimicrobial Therapy of Bovine Respiratory Disease (BRD)," Association of Veterinary Surgeons Practising in Northern Ireland annual conference, Oct. 26-27, Northern Ireland.

James W. Carpenter presented eight lectures on small mammal medicine and surgery, Southwestern Veterinary Symposium, Oct. 3-5, Dallas, Texas.

### Geography

The following K-State faculty presented at the 31st Applied Geography Conference, Oct. 15-18, Wilmington, Del. This presentation was also published in the Papers of the Applied Geography Conferences, Vol. 31.

Melinda Daniels and colleagues, "Assessing Dam Removal Impacts



Michel D. Ransom, professor of agronomy, received the Soil Science Education Award at the 2008 Soil Science Society of America annual meeting in Houston, Texas, Oct. 5-9.

on Downstream Geomorphic Stability Using Hydrodynamic Modeling." This presentation was also published in the Papers of the Applied Geography Conferences, Vol. 31.

Deborah Che, Bimal K. Paul and student, "Public and Private Responses to the Dec. 28-31, 2006, High Plains Blizzard." This presentation was also published in the Papers of the Applied Geography Conferences, Vol. 31.

Lisa Harrington organized the session "Climatology and Applied Geography: A Tribute in Memory of John Oliver."

John Harrington chaired this session and presented "Climate Classification, Climatic Years, and Climatic Change."

L. Harrington and J. Harrington co-edited the Papers of the Applied Geography Conferences, Vol. 31.

### Geology

The following K-State faculty presented at the Geological Society of America Meeting, Oct 5-9, Houston Texas:

Iris Totten, "An Earth Science Course for Pre-Service Teachers."

Totten and student, "The Impact of Ability Grouping in Introductory Geology Labs."

Totten co-chaired the session, "Geoscience Education II: Best Practices for Teaching Geoscience."

Matthew Totten, I. Totten, Sam Chaudhuri and student, "Discrimination of Volcanic Ash in the Gulf of Mexico Using Trace and Rare Earth Elements."

Chaudhuri represented the Clay Mineral Society in the Soil Priority Session.

Keith B. Miller, "Patterns, Predictions, and the Fossil Record: Keys to Public Understanding of Common Descent."

I. Totten participated in Geoscience Education Research and Geocognition Interest Group, co-sponsored by National Association of Geoscience Teachers.

Saugata Datta co-chaired the session, "Geochemistry, Organic Geochemistry."

Datta and colleagues, "Sediment Geochemistry and Mineralogy of Arsenic Affected Areas of Northern SonarBangla Aquifer, Murshidabad, West Bengal, India."

Datta and colleagues, "Detailed Clay Mineralogy and Pore Water Geochemistry of Mud and Thermal Measurements from the Vents from Baratang Mud Volcanoes from Andamans, India: Linking Tectonics to Mud Chemistry to Extrusion Mechanism."

Allen Archer and student, "Deposition and Preservation of Estuarine Sediment, Turnagain Arm, Cook Inlet, Alaska."

Archer, colleague and student,

continued on back

## up close

# Capturing campus

New university photographer will use pictures to tell K-State's story



The first time David Mayes picked up a camera things clicked — literally.

It was his last year of high school and Mayes was monkeying around with a camera at school. Turned out, he was pretty good at taking pictures.

"There was no grand plan, really. I just enjoyed taking pictures," Mayes said.

Now 20 years later, his chance encounter with a camera has turned into an award-winning career in photojournalism. From capturing everyday life on the streets of Manhattan, to shooting environmental portraits or action shots from the football field, Mayes has done it all. And he'll now bring his eye and talents to bear on the K-State campus as university photographer.

"His photographs are not only creative, but technically excellent," said Cheryl May, assistant vice president for university relations. "K-State is fortunate to have Dave as the university photographer." Mayes is a 1996 K-State history graduate who was chosen from a national pool of applicants.

Prior to joining K-State,

Mayes spent 13 years at The Manhattan Mercury as a staff photographer. In addition to providing high quality news, sports and feature photos for the newspaper, he also designed pages and graphics, and occasionally wrote a column or story. His professional experience also includes serving as a staff photographer for the Hutchinson News from October 1994 to July 1995, and as photo editor of the Tahoe World in May-September 1994.

Mayes' work for the Mercury received numerous honors, including third place from the National Newspaper Association in 2008 for photo essay and third place in 2007 for breaking news photo. Mayes also has been consistently recognized by the Kansas Press Association, netting first, second and third place awards for his photography since 2003. He also took the 1993 Associated Collegiate Press Picture of the Year award while a photographer at K-State's Collegian.

Of all those years capturing the world around him, he says his most memorable



Above, Mayes captures a runner 'doing stairs' at K-State's Memorial Stadium.

Left, a geometric look at one of Hale Library's stairwells.

Below, Mayes shoots assistant professor of cultural anthropology Michael Wesch in the classroom.



continued on back