### People

- Prof. Mary John O'Hair, K20 Center Director and Vice Provost for School and Community Partnerships, and Linda Atkinson, Associate Director for K-12 Educational Partnerships, provided an overview of the K20 Center to the National Science Board in May.
- In July, Prof. Cecelia Brown, Library and Information Studies, conducted a 4-day workshop in Hanoi, Vietnam titled “Capacity Building for Vietnamese Science and Technology University Librarians in Reference and Information Services.”

### Scholarship

- The article titled “A Drosophila model for amyotrophic lateral sclerosis reveals motor neuron damage by human SOD1,” by Prof. Bing Zhang, Department of Zoology, was selected as the Journal of Biological Chemistry Paper of the Week.
- Logan E. Whalen, Associate Prof. of French, presented two papers at the 22nd International Congress of the International Arthurian Society in Rennes, France: “La nef magique dans les textes arthuriens des XIIe et XIIIe siècles,” and "Marie de France et la hoge bretonne." He also recently published Marie de France and the Poetics of Memory (Catholic University of America Press, 2008).

### Students

- Sixteen students recently earned interdisciplinary MA degrees with an emphasis in Educational and Community Renewal. The program focuses on successful ways to better meet the needs of children and families through interactive, action-oriented partnerships among businesses, schools, families, universities, community organizations and governmental agencies.
- School of Music conducting student, Amanda Sherwood, was chosen by audition to guest conduct the 2008 O.C.D.A. All-Collegiate Choir.
- The University of Oklahoma Choir, under the direction of Prof. Steven Curtis, has been invited to participate in a special concert at the 2009 A.C.D.A. National Convention, featuring a new commissioned work by Dominick Argento.

### Funding

- Computer Science Prof. Andrew H. Fagg has been awarded a $149,063 grant from the National Institutes of Health to develop machine learning and robot control approaches that support brain-machine interfaces to advanced prosthetic limbs. These techniques will ultimately enable a patient to control a prosthetic limb through a direct connection with the patient’s neocortex.
- Prof. K.K. Muraleetharan, School Civil Engineering and Environmental Science, and Prof. Younane Abousleiman, Poromechanics Institute, received $297,594 from OCAST for a 3-year project to develop computer simulation tools for multiphase porous media problems in petroleum and civil engineering fields. Matching funds were provided by PMI, ANATECH Corp., Earth Mechanics, Inc., and CH2M HILL.
People

✅ School of Music Professor and Director of Bands, William Wakefield, was elected to serve as President of the College Band Directors National Association for the 2007-2009 biennium. Wakefield’s responsibilities include developing the national conference program to be held March 25-28, 2009, at the University of Texas at Austin.

Scholarship

✅ Although Barite Roses ("rose rocks") are identified with Oklahoma almost to the same degree as Will Rogers and are the official State Rock, no comprehensive, scientifically rigorous article on them has been published – until now. In the July-August 2008 edition of *Mineralogical Record*, Dr. David London, Stubbeman-Drace Presidential Professor and Norman R. Gelphman Professor of Geology, describes these fascinating wonders of nature.

Highlight: CAREER Grant Recipient

✅ Prof. Amy McGovern, School of Computer Science in the College of Engineering, received the prestigious five year $500,000 CAREER award from the National Science Foundation. Her project is titled "Developing Spatiotemporal Relational Models to Anticipate Tornado Formation."
She is an adjunct faculty member in the School of Meteorology and a co-principal investigator on an NSF Research Experience for Undergraduates grant.

✅ To date, the Norman Campus has received 26 CAREER grants, 11 of which have been in the College of Engineering.

Funding

✅ The National Security Education Program awarded OU's International Programs Center a $1.3 million grant to expand the Arabic language program on the Norman campus.

✅ Dr. Yefim Kogan, Research Professor of Meteorology, received a $624,259 grant from the Office of Naval Research to study mid-latitude aerosol cloud-radiation feedbacks in marine boundary-layer clouds.

✅ Prof. Abimbola O. Asojo, College of Architecture Interior Design Division, received a $20,000 Nuckolls Fund Grant in April 2008 for her proposal to develop and deliver a lighting design course that integrates computer visualization techniques for representation, simulation, and quantification of lighting to interior design and architecture students.