

Research@KU

Updates on the Lawrence campus from the Vice Provost for Research

I2V Workshop Planned September 30 at Kauffman Foundation

The **Office of Technology Transfer and Intellectual Property** at the University of Kansas, along with the **Institute for Entrepreneurship and Innovation** at the University of Missouri – Kansas City, will host a one-day workshop Saturday, September 30, on the basics of technology entrepreneurship.

The workshop “Invention to Venture” (I2V), is intended primarily for college and university students, but is also open to anyone who wants to know more about the topic. The workshop is being held in cooperation with the **National Collegiate Inventors and Innovators Alliance (NCIIA)**. It will take place from 8:30 a.m. to 4:30 p.m. at the **Ewing Marion Kauffman Foundation**, 4801 Rockhill Road, Kansas City, MO.

The first 25 students to register will be admitted without charge. The workshop fee is \$10 for students, \$25 for faculty members, and \$75 for the business community. Lunch and a continental breakfast are included in the fee.

For more information, go to www.invention2venture.org or call (785) 864-7783 in Kansas or (816) 235-6429 in Missouri.

KU Undergraduates Receive Certification for Research Experience

Ninety undergraduates from more than 20 departments received certification of their research experiences through the **Research Experience Program (REP)**.

The REP is comprised of two components. The coursework requirement can be fulfilled by completing coursework alone (Option A) or with the addition of a faculty-led research project (Option B). The second component is the product requirement, in which the student must produce a product, such as a thesis, paper, poster presentation, or recital, based on this scholarly activity/research.

“Many undergraduates come to KU with an interest in doing research,” says James Roberts, Vice Provost for Research. “KU offers the REP to recognize this interest and to encourage other students into undergraduate research. These 90 students represent some of the best and brightest undergraduates at KU.”

Each department can customize the REP to their own disciplinary needs. John Augusto, Research Training Coordinator, works with departments to ensure appropriate REP courses are identified. “We met this year’s goal of 90 students,” says Augusto. “We look forward to broadening the program to 150 students in 2006-2007.”

Each student who completes the REP receives a notation on his/her academic transcript. Contact **John Augusto**, 864-7351, for more information.

FY2007 General Research Fund Award Recipients Announced

The General Research Fund (GRF) is a competitive annual award program that provides funding for the advancement of the university’s research program. The Office of the Vice Provost for Research (OVPR) provides funds to each school or college and assists in the administration of these funds. This year, the OVPR is pleased to announce that funds were awarded to support ninety-eight research projects. For a complete list of award recipients, go to http://www.research.ku.edu/kucr/fundops/grf_awards_fy2007.shtml.

All funds are awarded for a one-year period (July 1 to June 30) and may be used for summer salary, student or GRA salary, supplies, and travel. For more information, go to <http://www.research.ku.edu/kucr/fundops/grf.shtml>.

Seeking funding opportunities?

Go to <http://www.research.ku.edu/kucr/fundops/bulletin.shtml>.

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Research@KU is produced by the Office of the Vice Provost for Research.

For more information, please contact Christine Foshier, OVPR Research Communications, cfoshier@ku.edu.

KU
RESEARCH
The University of Kansas

Upcoming Events

August 28

Andrei Codrescu
Humanities Lecture Series
 7:30 p.m.
 Woodruff Auditorium
 Kansas Union

September 12

**National Council of University
 Research Administrators (NCURA)**
**Video Workshop on Technology Transfer
 for the Research Administrator**
 10:30 a.m.-2:30 p.m.
 Simons Auditorium
 Higuchi Biosciences Center
 RSVP jgood@ku.edu

September 30

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"Invention to Venture" (I2V) Workshop
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 Ewing Marion Kauffman Foundation
 4801 Rockhill Road, Kansas City, MO
 Registration required
 (785) 864-7783 (Kansas)
 (816) 235-6429 (Missouri)
www.invention2venture.org

Research Administration

Cost share verification forms due

Contact: **Susan Archer**, Manager, Sponsored Program Administration, 864-7463.

Verification forms for cost share through June are due July 25. If you have not already done so, please return the completed forms to KUCR Sponsored Program Administration.

Relocation reimbursement guidelines

Contact: **Barbara Armbrister**, Director, Research Administration, 864-3444.

Unclassified faculty or staff who relocate more than 50 miles for a new job at KU can be reimbursed for moving expenses at the discretion of the department. KU personnel who offer relocation reimbursements should be aware that certain conditions apply, such as:

- Only KUEA (725) or KUCR (720, 721) funds may be used to cover these costs. No state funds may be used.
- Because of possible tax implications to the employee, it is preferable for KUEA or KUCR to pay third-party movers directly, rather than make a payment to the faculty/staff member.
- Prior notification of use of KUCR funds expedites the reimbursement process. Contact **Barbara Armbrister**, Director, Research Administration, to discuss arrangements when using KUCR funding.

KU's Moving Expense Procedures provide further guidance and are available online at http://www.comptroller.ku.edu/CASPUR/CENTRAL_ACCTNG/POLICY_PROCEDURE/Moving_Expense_Policy_05.pdf. These guidelines do not apply to relocation of office or lab equipment. Questions? Contact **Mike Lewis**, Office of the Comptroller, at 864-5938.

Traveling internationally?

Go to <http://www.tvlon.com/resources/FlyAct.html> to learn more about the Fly America Act, normally applicable to federal awards.

Effort Reporting

Contact: **Barbara Armbrister**, Director, Research Administration, 864-3444 or **Susan Archer**, Manager, Sponsored Program Administration, 864-7463.

Effort reporting is a method of certifying that effort compensated by or contributed to a sponsored research project has been completed as promised in the proposal. Commitments made in a proposal are considered a condition of the award. These commitments must be maintained throughout the life of the project unless revisions are approved by the sponsoring agency.

KU's effort reporting requirements, like those at other research universities, are federally regulated. Compliance with these regulations demonstrates proper stewardship of federal research funds. Recently, research institutions' methods of tracking effort --- including cost sharing --- have attracted federal audit attention. Effort reports must accurately reflect work performed on the project.

All KU principal investigators are required to certify their effort and the effort of their staff. The current process for verifying cost shared effort is completion of the Cost Share Detail Report on a quarterly basis. Work toward an automated tracking mechanism is ongoing. Outstanding reports or questions about effort reporting or cost sharing may be directed to **Barbara Armbrister** or **Susan Archer**.

OVP staff changes

The following staff changes occurred during July:

- Ankur Dayal, Program Assistant, Technology Transfer & Intellectual Property.
- Michelle Ginavan, Assistant to the Director, Research Administration.
- Angie Loving, Interim Assistant Vice Provost and Director of Finance.

Researchers in the News

Tom Taylor nominated for National Science Board

<http://www.news.ku.edu/2006/june/20/taylor.shtml>

The Roy A. Roberts Distinguished Professor of **Ecology and Evolutionary Biology** was selected for one of the most influential appointments in science policy and research in the United States.

Joe Donnelly leads bi-state partnership to study obesity

<http://www.news.ku.edu/2006/june/20/obesity.shtml>

The Center for Physical Activity, Nutrition and Weight Management, with support from the **Hall Family Foundation** and the **Greater Kansas City Community Foundation**, will focus on childhood obesity research, treatment, and outreach.

Costas Tsatsoulis receives NASA grant

<http://kansascity.bizjournals.com/kansascity/stories/2006/06/26/daily37.html>

The professor and chair of **EECS** received more than \$600,000 for his research at **ITTC** involving new information technologies.

Kansas Geological Survey hosts carbon dioxide sequestration workshop July 11-13

<http://www.news.ku.edu/2006/july/7/co2meeting.shtml>

More than 40 scientists, representing seven Carbon Sequestration Regional Partnerships, will meet to discuss carbon dioxide sequestration and its effect on global climate change.

Good News for KU Research

The university received two pieces of good news during June. I want to highlight them, because both will have a significant impact on research at KU.

First, Bob Honea, former director of the National Transportation Research Center at Oak Ridge National Laboratory in Tennessee, arrived in Lawrence as the first director of our new Transportation Research Institute (TRI). Bob has a tremendous background and is exactly the sort of person we need to direct this important and timely initiative. KU has many existing strengths in this field and the TRI will help focus them on such issues as alternative fuels, efficient vehicles, and the social impacts of transportation. This work relates directly to one of the four future research directions for KU – the environment -- announced last fall.

Second, we received word that the Department of Defense appropriations bill for FY2007, which passed in the House and now awaits final action, contains funding for a new transmission electronic microscope (TEM) at KU. The bill provides \$1 million for this essential piece of core research equipment, which will largely replace an aging and limited instrument. The new TEM will allow researchers to do microscopy at low temperatures, examining so-called “soft” samples, such as tissue and cells. The technology is a high priority for the Department of Defense because of its potential to develop highly sophisticated prostheses for injured veterans. It also has broad applications in nanotechnology, geology, chemistry, and cell biology/morphology related to vaccines and cancer. The TEM will be part of KU’s Microscopy and Analytical Imaging Laboratory. We are still seeking additional funding of about \$1 million, but we hope to install the microscope next spring.

The TRI and TEM are significant additions to KU’s research capacity. They were funded with the assistance of members of the Kansas congressional delegation: Sen. Pat Roberts and Rep. Jerry Moran for the TRI and Rep. Dennis Moore for the TEM. We are grateful for their support, and will make the best possible use of these new resources.

*Jim Roberts
Vice Provost for Research*