

# RESEARCH AND GRADUATE STUDIES @ KU



April 2009

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## Check Out Research Stimulus Website

The amount of information available concerning federal stimulus package research funding opportunities increased dramatically in March. Agencies are now posting new competitions with growing frequency. Given the agencies’ mandate to fund as many good projects as possible in as short a time as possible, it is urgent that KU researchers be alert to these opportunities and take action promptly to meet proposal submission deadlines.

The Office of Research and Graduate Studies continues to compile and post stimulus-related research funding information at <http://www.rgs.ku.edu/leadership/researchstimulus/>. We receive this information from a wide variety of sources. While much of it is specific to NIH, NSF and Energy, the site also has an “Other” category that currently features DOD and EPA opportunities. We are adding entries as we receive them and dropping entries as they expire, so we encourage you to bookmark the URL and look at the site periodically. We also welcome your questions, and any information you can add to the mix, at [rgsstim@ku.edu](mailto:rgsstim@ku.edu).

Note: we also encourage you to review our monthly Funding Opportunities Bulletin <http://www.kucr.ku.edu/depts/funding/bulletin/index.shtml> on a regular basis. Not all research funding is stimulus-related.

## KU to Identify, Track Stimulus Research Funds

As KU begins to receive funding from the federal stimulus package, plans are being made to help track research dollars that come into the university. To help identify and monitor the stimulus funds, the Office of Research and Graduate Studies has taken the following steps:

1. All stimulus dollars will be tracked in a separate fund - 938. This fund will be clearly identified on your sponsored project budget summary as well as in DEMIS.
2. The proposal review sheet will be clearly labeled “stimulus” in the upper right corner.
3. Your sponsored project budget summary will be clearly labeled "stimulus" in the upper left corner as well as in the comment box. The Award Column of the budget summary will also indicate 938 for clarification.
4. Angela Richmond has been designated as the Post-Award accountant for all **new** stimulus awards. She will continue to handle her existing NIH projects as well. If you receive a stimulus supplement under an **existing** project, it will continue to be handled by that original Post-Award accountant.

At this point, we have received no official award notification showing us the final reporting requirements. However, we understand reports will be required more often and in greater detail than under standard awards. Your patience is appreciated as we work through the details regarding these opportunities.

## Learn About New Kauffman-Funded KU Institute

You are invited to attend an April 7 seminar on The Institute for Advancing Medical Innovation (IAMI), which was launched earlier this year with the objective of fostering entrepreneurial expertise in medical innovation while streamlining the innovation process.

Scott Weir, director of IAMI (formerly the Office of Therapeutics, Discovery and Development at The University of Kansas Cancer Center), will lead the seminar. The goal is to raise awareness of IAMI and its benefits among KU researchers, especially in the schools of Pharmacy, Engineering and Business.

Please attend either session of the briefing.

### "Innovative Excellence: An Academic Model to Bridge the Valley of Death"

#### **KU Lawrence Campus**

Simons Research Laboratories Auditorium  
8:30 a.m.

#### **KU Medical Center**

Kansas Life Sciences Innovation Center, Beller Conference Center  
1:30 p.m.

If you have any questions about the April 7 events, please contact Erica Brown, cancer communications manager, at [ebrown4@kumc.edu](mailto:ebrown4@kumc.edu). More information about IAMI is available at <http://oread.ku.edu/~oread/2009/january/20/stories/kaufmann.shtml>.

## Altieri Returns to KU in Research Administration

Joanne Altieri, director of the Office of Sponsored Projects Administration at Iowa State University, has been named assistant vice provost and director of research administration in the Office of Research and Graduate Studies, effective July 1. Responsibilities of the position include management of Proposal Services, Contract Negotiations, Post-Award Services and Facilities. She succeeds Barbara Armbrister and will report to Vice Provost Steve Warren.

Altieri has been at Iowa State since 2006. She previously worked for 17 years in progressively more responsible research administration roles at KU. She was assistant vice provost for research and director of contract negotiations and research compliance before leaving in 2005 to serve a year in the Peace Corps.

Altieri's background includes a B.A. degree in Spanish from KU, as well as secondary teaching certification. She is continuing graduate work toward a master's degree at Baker University.

## Financial Services Makes Changes to Improve Services

The Financial Services group in the KU Center for Research (KUCR) and Office of Research and Graduate Studies (RGS) has undergone a number of changes that continue its focus on providing broader and more responsive services to the research community.

- **Bob Williamson** joined the staff in March as manager of accounting services. He has strong accounting experience and credentials and has assumed responsibility for supervision of accounting transaction operations, including accounts payable, accounts receivable/cash receipts, banking relationships, internal controls and other day to day activities. Bob will also provide technical accounting expertise in the areas of reporting and financial audits. Contact information: 112 Youngberg Hall, 864-7427, [rwilliamson@ku.edu](mailto:rwilliamson@ku.edu)
- **Jay Darnell** continues to be responsible for general business services activities, such as business contracts, insurance, international transactions, business education/ compliance and policy development. He will now provide focused Business Services support, and no longer has responsibility for the accounting transaction duties mentioned above. In addition, Jay will be involved in special projects, such as the upcoming SciQuest e-procurement implementation and the development of closer business relationships with research units. Contact information: 129 Youngberg Hall, 864-7775, [jdarnell@ku.edu](mailto:jdarnell@ku.edu).

- **Mark Reynolds** serves as manager of budgets and reporting, responsible for creating and managing state budgets for RGS and the corporate budget for KUCR. Mark also completes the KUCR monthly financial statements and the quarterly GAAP financial statements for the corporation. In addition, Mark supervises the RGS Compensation and Appointments department. Contact information: 108 Youngberg Hall, 864-7250, [mreynlds@ku.edu](mailto:mreynlds@ku.edu).
- **Nick Stevens** continues as senior project coordinator/data administrator for research enterprise systems, providing enterprise systems support for the entire RGS/KUCR area. Research Enterprise Systems' main focus is utilizing various systems to fulfill the mission of RGS. This area supports research administration from proposal to award close-out, as well as the financial arm of KUCR. Contact information: 127 Youngberg Hall, 864-7231, [ndstevan@ku.edu](mailto:ndstevan@ku.edu).

## Summer Research Fellowships Available

The Office of Research and Graduate Studies is pleased to offer Summer Research Fellowships for the 2009 summer session. The stipend is \$5,000. Factors considered in awarding the Fellowships include (but may not be limited to):

- Student's academic performance
- A clearly stated proposal with specific details of his/her research plan
- Recommendation from the department

Preference will be given to doctoral students who have completed their comprehensive exams by the last day of class for the 2009 spring semester. Enrollment in the 2009 summer session is required.

Submit the following with each nomination:

- Completed nomination coversheet at [http://www.graduate.ku.edu/downloads/02-d10\\_SU09\\_Rsrch\\_Fellwshp.pdf](http://www.graduate.ku.edu/downloads/02-d10_SU09_Rsrch_Fellwshp.pdf)
- One nomination by the department including evaluation of student's scholarly performance (no more than one page)
- Student's proposal (no more than two pages) and curriculum vitae
- Signed form indicating student's access to files or recommendations

While there is no limit on the number of nominations, the department must rank multiple nominations. Nominations should be sent to Rochelle Bass-Montgomery, Graduate Studies Office, 213 Strong Hall. The deadline for nominations is Wednesday, April 15 at 5 p.m.

## KU Graduate Students Honored at March 12 Research Summit

State lawmakers and the public learned about new cancer treatments, alternative fuels, water conservation, autism and many other topics during the sixth annual Graduate Student Research Summit March 12 in the Docking State Office Building in Topeka.

The presenters included 13 KU doctoral students, eight from the Lawrence campus and five from the Medical Center. Kansas State and Wichita State each had 10 students participating, and Gov. Kathleen Sebelius declared "Graduate Research Week" in Kansas

For students, presenting their projects in Topeka raised awareness of the outstanding graduate-level research being done at the state's largest universities. It also underscored the economic impact of that research on Kansas and the research collaborations that exist.

Lawrence campus participants were chosen at KU's annual Graduate Student Research Competition held Feb. 23. That event involved a record 114 students, either making oral presentations or displaying research posters. The summit involved posters only, with each student describing his or her work and responding to questions from visitors.

KansasBIO, the state's trade association and advocate for the biosciences industry, presented \$500 awards to two students from each of the three universities. The KU recipients Brittany K. Gorres from KUMC and Audra Marie Sterling from the Lawrence campus. All 13 KU participants were as follows:

- Katryn M. Allen, Toxicology
- Shuang Cai, Pharmaceutical Chemistry
- Natalie A. Ciaccio, Pharmaceutical Chemistry
- Brian R. Earl, Audiology
- Madhav Ghanta, Chemical and Petroleum Engineering
- Brittany K. Gorres, Molecular and Integrative Physiology
- Jing Guo, Environmental Engineering
- Leah Lynn Kapa, Child Language

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- Carol Ann Kemper, Nursing
- John Edwin Shelley, Civil Engineering
- Audra Marie Sterling, Psychology
- James W. Stoutenborough, Political Science
- Nicholas Ling Stucky, Pharmacology

The following award winners at the February 23 Research Competition will be recognized April 29 during the Graduate Student Award Ceremony at 3:30 p.m. in the Jayhawk Room of the KU Union. Faculty working with these students are especially encouraged to attend.

**First (\$500 award each)**

- Jamie Bone, Music and Dance
- Madhav Ghanta, Chemical and Petroleum
- Jill Hoover, Child Language

**Second (\$200 award each)**

- Ryan Gaston, History
- Natalia Luskotova, Physical Therapy and Rehabilitation
- Suzann Adlof, Speech-Language-Hearing
- Elizabeth McClain, Curriculum and Teaching

**Third (\$150 award each)**

- Nathan Colaner, Philosophy
- William Simkulet, Philosophy
- Natalie Ciaccio, Pharmaceutical Chemistry
- Linda Blake, Medicinal Chemistry
- Yelena Wu, Clinical Child Psychology
- Tugce Kurtis, Psychology
- Jake Cornett, Special Education
- Geetha Chittoor, Anthropology

## Final Pieces Now in Place for Bioscience Incubator at KU

Bioscience researchers at the University of Kansas will soon have a place where they can turn their inventions into start-up companies. And the best part is they won't have to leave the campus to make it happen.

After more than three years of planning, and having secured nearly \$8 million in financial commitments, the Lawrence-Douglas County Bioscience Authority (LDCBA) is about to start construction of a wet-lab business incubator on KU's West Campus. The 20,000-square foot facility will be ready in 2010 and marks a milestone in economic development cooperation between the university and the community.

The incubator will also provide space for existing companies to work in collaboration with KU faculty. A pharmaceutical company, for example, could rent space for a year and fund a special project that utilizes KU expertise.

"KU researchers come up with great ideas," says Steve Warren, vice provost for research and graduate studies. "Some of those ideas become inventions, and some inventions have commercial potential. An incubator is a place where this process can play out with a higher likelihood of success. The goal is to work out the kinks and get a company started so it can grow, hire people and, eventually, stand on its own."

KU is providing \$1.5 million in support of the project over five years. KU Endowment is leasing the land, valued at \$500,000, at no charge. Together, Douglas County, the City of Lawrence and LDCBA are providing \$2 million. The final piece of the puzzle fell into place in March, when the Kansas Bioscience Authority committed \$3.25 million over three years. When operational, the incubator will be owned by LDCBA and managed by the Lawrence Regional Technology Center.

"It's a tremendous coalition of local, university, private and state resources," says LaVerne Epp, president and chairman of the LDCBA Board of Directors. "All of us see this as a smart, long-term investment with benefits for KU researchers, the local economy and the biosciences industry in Kansas."

The incubator will be built directly across the street from KU's Multidisciplinary Research Building, Structural Biology Center and, eventually, the School of Pharmacy building. The Higuchi Biosciences Center and other research groups are also nearby, giving the incubator a unique location that encourages close collaboration.

"The facility is more than just a building," says Carey Novak, KU's director of business and industry outreach. "It will offer business development assistance designed to give small companies the best possible start. Another feature is the ability to easily expand to 40,000 square feet as the demand for space increases."

Selection of an architect and contractor are now under way. Site clearance and preparation should begin in July. Marketing of the incubator has already begun, says Novak, with a website [www.ldcba.org](http://www.ldcba.org) and plans to participate in next month's International BIO Show in Atlanta.

## "Talking Points" From KCALSI Dinner

Here is a sampling of the many KU-related bulleted items projected on screens during the April 2 Kansas City Area Life Sciences Institute Annual Dinner in Kansas City. They represent just a few of the research-related highlights of the past year.

- Voters approved a 1/8<sup>th</sup> cent sales tax in 2008 to fund the Johnson County Education Research Triangle, a partnership between KU and Kansas State. Tax revenue will support new facilities in Fairway, Olathe and Overland Park.
- KU dedicated a \$22 million addition to its Structural Biology Center in 2008. Just having the building has already led to more than \$30 million in new and renewed NIH research grants for KU.
- The KU Center for Technology Commercialization, established in 2008, serves both campuses and manages patents, licensing and company start-ups resulting from KU research.
- The Lawrence-Douglas County Bioscience Authority will break ground in 2009 for an \$8 million wet-lab bioscience incubator in KU's West Campus biosciences complex. The project is a partnership involving local government, the Kansas Biosciences Authority, KU, and KU Endowment.
- The NIH renewed funding for KU's Center of Excellence in Chemical Methodologies and Library Development in 2008: \$9.5 million for five years.
- KU received the largest research grant in the history of Kansas during 2008: \$20.2 million for a six-year, NIH-funded Specialized Chemistry Center.
- KU filed 60 U.S. and foreign patents during 2008, and another 8 were issued. KU researchers also made 55 invention disclosures.
- The Ewing Marion Kauffman Foundation awarded \$8.1 million to KU in 2008 to establish the Institute for Advancing Medical Innovation, a unique life science proof-of-concept model designed to move medical innovations from the lab to the market. KU Endowment will match the contribution.
- The NIH renewed funding for KU's Center of Biomedical Research Excellence (COBRE) in Protein Structure and Function: \$10.1 million for five years.
- KU ranks 44<sup>th</sup> in federally funded R&D expenditures among comparable public universities nationwide.
- KU generated \$198 million in externally funded R&D and training expenditures in 2008, much of it in bioscience and life sciences research.
- Plans are under way to construct a new School of Pharmacy classroom building in KU's West Campus biosciences complex in Lawrence. The School typically ranks in the top five nationally for NIH research funding.

Each year, KU accounts for approximately 85% of all NIH research grants awarded in the state of Kansas.

## AAAS Encourages Proposals for 2010 Meeting in San Diego

Communicating the results of science research to the public is a high priority for the federal agencies and other organizations that fund research. The American Association for the Advancement of Science (AAAS) provides tools and training designed to help investigators meet this responsibility more easily. One example of an AAAS communications resource is on-line at <http://communicatingscience.aaas.org/CommunicationBasics/Pages/default.aspx>.

At the recent AAAS annual meeting in Chicago, 28 news briefings and three media availabilities took place, attracting hundreds of journalists from around the world and generating national and international headlines. At next year's meeting, you could be one of the researchers who gets to share his or her results with that kind of audience.

The AAAS media outreach team works months in advance to plan media events, which are tied to the scientific content of the meeting. The content is determined through a peer-review process coordinated by the AAAS Annual Meeting Program Committee. While not all of the many symposia involve a news briefing, the only way to be considered for a briefing is to submit a successful proposal.

The deadline for proposals is fast approaching. The theme of the 2010 AAAS annual meeting, scheduled for February 18-22 in San Diego, is “Bridging Science and Society.” Scientists and engineers willing to organize symposia – and willing to participate in the news media briefings that might result -- should submit proposals by April 28 at <http://www.aaas.org/meetings/2010/program/symposia/submit/>.

## NCURA Video Broadcast Discusses Cost Sharing

The Office of Research and Graduate Studies and the Higuchi Biosciences Center are local hosts on May 7 of a national video broadcast called “Cost Sharing: Why No Good Deed Goes Unpunished.” The presentation is a panel discussion produced and broadcast earlier by the National Council of University Research Administrators (NCURA). At KU, the program can be seen in the auditorium at Simons Laboratories, starting at 1 p.m. and concluding – with a break – by 5 p.m.

Cost sharing is an issue that affects all institutions, and its implications are often the cause of confusion. The program will include a review of the types of costs that qualify for cost sharing, the accepted categories of cost sharing, and the requirements for documenting and reporting it. The panel will discuss the various pressure points with cost sharing, from proposal to award to project closeout.

In addition, the relationships among cost sharing, effort reporting, and indirect cost rates create the need for sophisticated systems to manage the complexities, and the panel will discuss the key points of intersection. Finally, the panel will seek to clarify important risk areas arising from a heightened emphasis on cost sharing in recent audits.

Kim Moreland, associate vice chancellor for research administration, University of Wisconsin – Madison, moderates the program. Panelists are Richard Seligman, associate vice president for research administration, California Institute of Technology, Stephen Hansen, associate provost for research and dean, Graduate School, Southern Illinois University Edwardsville, and Mark Daniel, vice president, research administration and finance, Dana-Farber Cancer Institute.

## NIH Director’s Bridge Awards (NDBA)

NOT-OD-09-068 updates and expands the NIH Director’s Bridge Award (NDBA), which was initiated in FY 2007. The NDBA provides continued but limited bridge funding for meritorious investigators who just miss the funding cutoff and have minimal support from other sources. This approach was reinforced with the enactment of (P.L. 111-8) the *Omnibus Appropriations Act, 2009*, through which NIH received \$91.3 million to support vulnerable research programs.

A pending, competing renewal research project grant (R01) application (original) or a resubmission application (A1, A2), which just misses the nominal funding payline for the Institute or Center (IC) to which it is primarily assigned may be nominated for the NDBA by the administering NIH Institute, provided the PI has less than \$400,000 in other support (total costs) from all sources to fund her/his research. Applications submitted for funding in FY 2009 and applications submitted in FY 2008 that are still being considered for funding in FY 2009 may be nominated for the NDBA. Note that only the most meritorious A2 applications will be considered for the NDBA. Applicants may not apply for an R56 grant and applicants may not self-nominate for the NDBA. The continued funding will provide the PI additional time to strengthen a resubmission application.

For more information, go to <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-068.html>.

## Questions to Ask When Charging Expenses to a Grant

Post-Award Services has responsibility for reviewing expenses charged to grants, in order to ensure compliance with federal circular OMB A-21. In anticipation of additional audit requirements for stimulus-related funds, and implementation of KU’s new SciQuest™ purchasing program, researchers may start receiving more inquiries than normal from Post-Award Transaction Review regarding expenses. You are encouraged to provide as much additional information as possible concerning the purpose of your expense and how it will benefit your project. It’s always good to remember the following when you charge an expense to your project. Is it:

- **Allocable?**
- **Allowable?**
- **Reasonable?**
- **Consistent?**
- **Timely?**

Whenever you have questions, please contact Anita Abel, interim manager of Post-Award Services, at 864-7789, [aabel@ku.edu](mailto:aabel@ku.edu).

## Research Computing Mailing List Debuts

The Research Computing group in the Office of Research and Graduate Studies, in partnership with Information Services, has created a mailing list designed to provide a forum for discussion of such topics as high-performance/high-throughput computing, computing and the humanities, computational science, e-science and cyberinfrastructure. This list will also include updates on KU research IT directions and initiatives.

KU faculty, staff and students are invited to subscribe to the mailing list and share knowledge and experiences. You can also post relevant information, such as events, announcements and questions.

The list name is RESCOMP (RESearch COMPuting). Interested parties can subscribe by sending an e-mail message to [listproc@ku.edu](mailto:listproc@ku.edu). The message should contain a single line as shown below:

*subscribe rescomp <your name>*

For example, if your name is John Smith your e-mail will contain the following information on a single line, and nothing else:

*subscribe rescomp John Smith*

Your request will be reviewed and processed promptly by the list owners. You should begin receiving RESCOMP postings within one working day of your subscription request.

The mailing list is also mirrored to an RSS feed at the following URL: <http://rescompku.blogspot.com/feeds/posts/default>. For more information, contact Rebecca Ryan at 864-7471, [rryan@ku.edu](mailto:rryan@ku.edu).

## Congratulations to KU Graduates Shogren, Banerjee

The Division for Research of the Council for Exceptional Children (CEC) is devoted to the advancement of research related to the education of individuals with disabilities and/or who are gifted. At its 2009 Convention and Expo in Seattle, April 1-4, CEC presented several awards, including two to KU graduates. Both received Ph.D. degrees in the Department of Special Education and worked on research projects within the Life Span Institute.

### 2009 Early Career Publication Award

- **Karrie Shogren, '06**, earned her doctorate at KU under the direction of Michael Wehmeyer. She is now an assistant professor in the Department of Special Education at the University of Texas at Austin. Her winning paper is *Examining Individual and Ecological Predictors of the Self-Determination of Students With Disabilities*.

### 2009 Student Research Award - Quantitative Methodology

- **Rashida Banerjee, '08**, was recognized for a study conducted while she was at KU, titled *Morning or Afternoon: Does it Make a Difference in Early Childhood Programs?* Eva Horn was her primary doctoral advisor. Banerjee is now an assistant professor in the School of Special Education at the University of Northern Colorado.

## People of RGS

Each month, we introduce you to staff in the Office of Research and Graduate Studies (RGS) who make a difference on campus and in their community. Is there someone you'd like to see featured? Contact [kboatright@ku.edu](mailto:kboatright@ku.edu).

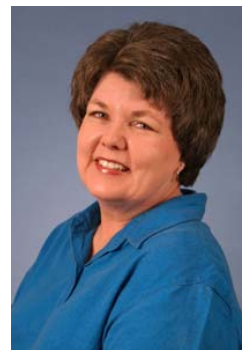
### Judy Sawyer

**Title:** Accounting Specialist, Compensation and Appointments

**Years at KU:** 30 years, 22 of them in the research sector

**Duties:** Process paperwork from departments and units around campus for any payroll transactions involving grants or other RGS funds.

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**For Fun:**

I like to spend time spoiling my two grandchildren, ages 8 and 18 months. They live nearby so we get to attend soccer games and school activities. My daughter and son-in-law live in Orlando, which is a great place to visit when we need to escape from the cold weather. My hobbies are crafting and sewing. I enjoy participating in a couple of craft shows each fall with a few of my “crafty” KU friends. My husband and I enjoy traveling, especially to the Pacific Northwest. I’m fond of lighthouses and we have been fortunate to visit many along the Pacific coast.

## Upcoming Events

A calendar of events of interest to the research community

**April 7**

"Innovative Excellence: An Academic Model to Bridge the Valley of Death"  
Briefing by Scott Weir on the Institute for Advancing Medical Innovation  
Simons Laboratories Auditorium  
8:30 a.m.

**April 8**

University Lecture Series: Creativity and the Human Condition  
Bruce Mau, “Massive Change: The Future of Design and Life on Earth”  
Woodruff Auditorium, Kansas Union  
7:30 p.m.

**April 20**

Hall Center Humanities Lecture Series  
Dipesh Chakrabarty, "The Decline and Prospect of Universal History"  
Woodruff Auditorium, Kansas Union  
7:30 p.m.

**April 23**

University Lecture Series: Creativity and the Human Condition  
R. Keith Sawyer, “Group Genius: The Creative Power of Collaboration”  
The Commons, Spooner Hall  
7:30 p.m.

**April 25**

12<sup>th</sup> Annual KU Undergraduate Research Symposium  
Kansas Union  
All Day

**April 26**

Lecture: Terry Evans on A Greenland Glacier: The Scale of Climate Change, Photographs  
Spencer Museum of Art, Auditorium  
2 p.m.

**April 28**

9th Annual KU-Haskell Indian Nations University Undergraduate Research Symposium  
HINU, Tecumseh Hall  
4 p.m.

**April 29**

Graduate Student Award Ceremony  
KU Union, Jayhawk Room  
3:30 p.m.

**May 7**

NCURA Panel Discussion: “Cost Sharing – Why No Good Deed Goes Unpunished”  
Hosted by the Office of Research Integrity  
Higuchi Biosciences Center, Simons Auditorium  
1-5 p.m.

**May 16**

Doctoral Hooding Ceremony  
Lied Center  
4 p.m.

**May 18-22**

KU Participation in the International BIO Show  
Atlanta