



# OFFICE OF GRADUATE STUDIES AND RESEARCH

## *Research & Grants Center*

### *Bulletin*

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## **Research & Creativity Forum scheduled for April 14**

The Office of Graduate Studies and Research is sponsoring the annual research and creativity forum on **Thursday, April 14**, beginning at 1:30 p.m. in the Colonial Ballroom. The poster session will be held from 1:30-4:00 with the award ceremony beginning at 3:00. Awards, in the form of travel funds, will be given for the best faculty poster and the best student poster (\$500 for the faculty award and \$300 for the student award). If you would like to exhibit a poster, please contact Pam Fillmore or visit the following web link for additional information and poster criteria:  
[www.emporia.edu/grad/research/POSTER-INV.doc](http://www.emporia.edu/grad/research/POSTER-INV.doc).

The award ceremony will include graduate student awards as well as various awards given to faculty during the year. The ceremony will conclude with the presentation of the President's Award for Research and Creativity. The recipient of the President's Award will be the keynote speaker. Please mark your calendars and plan on being there!

## **Boilerplate material available for grant proposals**

Boilerplate material has been developed and may be used in grant/contract proposals to present information about Emporia State University and your school or college. You are free to cut and paste any portion and use as appropriate for your specific grant proposal. This material is not intended to be a complete and thorough description of each school or college, but a synopsis that can be inserted in proposals as needed.

You can access this information at:  
[www.emporia.edu/grad/research/boilerplate.htm](http://www.emporia.edu/grad/research/boilerplate.htm). We will be happy to expand this material or make changes as necessary. We want this to be a useful resource for individuals developing grant proposals. If you have suggestions for this site, please contact Pam Fillmore.

## **Faculty/graduate assistant partnerships for proposal development announced**

The Research and Grants Center is pleased to announce the recipients of the faculty/graduate assistant partnerships for proposal development. The faculty members chosen to participate will receive reassigned time or summer compensation to develop and write an external grant proposal and will receive assistance from the graduate assistant in the R&G Center.

Scott Crupper, associate professor in the department of biological sciences, will develop a proposal for resubmission to the microbial genetics department of the National Science Foundation to investigate the role of MurA in the bacterium *Bacillus subtilis*.

Raffaele DeVito, professor in the department of business administration and education, will develop a proposal to the Business and International Education program of the U.S. Department of Education intended to help ESU internationalize the educational experience of students.

Michael Keck, associate professor in the departments of physical sciences, will develop a proposal to the Course, Curriculum, and Laboratory Improvement program of the National Science Foundation to acquire equipment and faculty development support for a new biotechnology laboratory course.

Elizabeth Yanik, professor in the department of mathematics, computer science and economics, will develop a proposal for the Undergraduate Biology and Mathematics program of the National Science Foundation. Building upon previous research with colleagues in the departments of physical and biological sciences using digital imaging technology to study penguin locomotion, this proposal will help develop opportunities for undergraduate student interdisciplinary research.

Please join us in congratulating these faculty members.

## Faculty receive research and creativity grants

The ESU Faculty Research and Creativity Committee awarded eleven grants in January as a result of the FY 2005 seed grant competition. They are:

James Aber, Physical Sciences. *Glaciotectonic Landforms and Structures of Coastal Islands: Massachusetts, New York, and Rhode Island*. \$1,500.

Tim Burnett, Biological Sciences. *Uterine Natural Killer Cells: A Pilot Study in Functional Genomics*. \$11,480.

Malonne Davies, Physical Sciences. *In Vitro Investigation of Potential Interaction between OTC Drugs and Botanical Supplements*. \$2,915.

Ron Keith, Physical Sciences, Dave Saunders, Biological Sciences, and Elizabeth Yanik, Mathematics, Computer Science and Economics. *Mechanisms of Propulsion in Penguins*. \$3,000.

Monica Kjellman-Chapin, Art. *Constructing Kinkadeland: The Painter of Light as Medium and Meta-Work*. \$1,500.

Patrick Martin, Art. *Sculpture*. \$1,500.

Ron McCoy, Social Sciences. *Cultural Challenge, Change, and Persistence in Lakota Winter Counts, 1851-1890*. \$1,500.

Corinne Painter, Social Sciences. *Phenomenology and the Non-Human Animal*. \$1,500.

Lauren Shapiro, Psychology and Special Education. *An International Study of Flashbulb and Event Memory for September 11<sup>th</sup>*. \$7,276.

William Smith, Business Administration and Education. *Entrepreneurial Education Resource Inventory and Integration Plan*. \$9,180.

Leland Sudlow, Biological Sciences. *An Examination of Microtubule Disruption Leading to Neuronal Death during Exposure to Beta-amyloid, the Toxic Peptide of Alzheimer's Disease*. \$11,083.

## Update on Grants.gov

Grants.gov, the single, secure portal for all government grant opportunity announcements and applications, marked it's first anniversary this fall and can boast that some 3,000 organizations have registered to apply for grants online, 1400 grant opportunity notices are currently being posted daily, and approximately 600,000 grant opportunity notices are emailed to interested individuals each week. If you haven't had a chance to check out this web site, below is a summary of the features it provides to researchers.

- One stop access – register once for secure access to submit grant applications to all 26 federal grant-making agencies;
- Downloadable applications – complete applications offline when and where convenient and easily distribute them via email as an attachment;
- Online submission – proposal may be submitted electronically to the agency and investigators can check the status of applications online;
- Search options – search a wider selection of grant opportunities, from broad to specific subject areas;
- Online tools – access FAQs, quick reference guides and online demonstrations of the application process, plus links to grant-writing resources, free electronic newsletter, and other helpful guides;
- Personalized support – receive customized help and support based on the page being viewed, plus customized help via phone or email with the customer support center; and
- Grant opportunity emails – register to receive notices of government-wide grant opportunities based on selected criteria.

We encourage anyone who is interested in finding grant opportunities to visit this web site. Please feel free to contact Pam Fillmore if you have any questions about grants.gov.

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