From the Dean - Streets and Alleys

The saying, “April showers bring May flowers,” expresses the power of cultivating and nurturing seeds to permit them to germinate, grow and flower. The process of cultivating and nurturing ideas also permits these ideas to grow and blossom. On April 26th, undergraduate and graduate students, and faculty, will once again display their ideas in full bloom during Research Day. This is the second year in which both undergraduates and graduates present together (either an oral presentation or a poster presentation). The event brings together faculty, students, and staff to celebrate the achievements and success of students who have worked with faculty on their projects.

David Blackwell said, “I’m not interested in doing research and I never have been. I’m interested in understanding, which is quite a different thing.” I believe you will see this difference in the works of the faculty and students who present. The research is a means to an understanding of something in which they had an interest and passion. Marson Bates once said, “Research is the process of going up alleys to see if they are blind.” While some do not find what they expected from the research, all of them come to a deeper understanding of the area they pursued.

It is my hope that Research & Creativity Day expands to a campus-wide event in which all faculty and students participate either by presenting or by attending the various opportunities. The entry form can be found at http://rcd.emporia.edu. I hope you will encourage your students to submit their research, scholarship or creative work for inclusion in Research & Creativity Day. I hope you all have a productive spring term.

Kathy Ermler

Nominations due for President’s Award for Research & Creativity

The Research and Grants Center is accepting nominations for the 2012 President’s Award for Research and Creativity. The deadline for nominations is 5:00 p.m., Friday, March 9. This award is intended to honor an ESU individual who has been active in research, scholarly activity, or creative endeavors. The award includes $1,000, which the recipient can choose to receive as a stipend or use for professional development activities. The complete announcement, nomination guidelines and selection criteria are available at http://www.emporia.edu/research/presidentsaward.html.

Abstracts being accepted for Research & Creativity Day

April 9 is the deadline for entries for oral presentations and poster exhibits for Research & Creativity Day, scheduled for April 26. Following the success of last year, the annual research and creativity forum for graduate students and faculty and the annual undergraduate research and creativity day are again being combined into a single event.

Undergraduate and graduate students may submit abstracts for an oral presentation or a poster, or both. Faculty members are invited to submit entries for a poster or other exhibit for the poster session.

Continued on next page
Oral presentations are approximately 15 minutes in length and will be scheduled for the morning of April 26. The poster session will be held in the afternoon in the Memorial Union Web Hall, beginning at 1:30 p.m. Lunch will be provided for all participants, and all student participants will receive a t-shirt. There will also be prize drawings for exhibitors and attendees.

This event is being sponsored by the Office of the Provost, the University Honors Program, the Research and Grants Center, and the Undergraduate Research and Creativity Committee. All abstracts, including those for posters, should be submitted at the following web site: http://rcd.emporia.edu.

We are excited about this year’s Research and Creativity Day. This is an opportunity for the campus to celebrate the excellent research, creative and scholarly activities being conducted by our students and faculty. Please encourage your students and colleagues to participate, and don’t forget to mark your calendars for April 26.

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### Poster presentation tips

The following resources are available for those interested in developing effective poster presentations, either for the Research & Creativity Day poster session in April or for other professional presentations at conferences and meetings. This is not an all-inclusive list, so if you are aware of other helpful sites that you would like to share, please let us know. Please share with your students who may also be developing poster presentations.

- [http://gradschool.unc.edu/student/postertips.html](http://gradschool.unc.edu/student/postertips.html) - The Graduate School at the University of North Carolina at Chapel Hill, Academic Poster Presentations
- [http://www.kumc.edu/SAH/OTEd/jradel/Poster_Presentations/PstrStart.html](http://www.kumc.edu/SAH/OTEd/jradel/Poster_Presentations/PstrStart.html) - University of Kansas Medical Center, Developing a Poster Presentation online tutorial
- [http://writing.colostate.edu/guides/speaking/poster/pop5b.cfm](http://writing.colostate.edu/guides/speaking/poster/pop5b.cfm) - Colorado State University
- [http://www.tc.umn.edu/~schne006/tutorials/poster_design/](http://www.tc.umn.edu/~schne006/tutorials/poster_design/) - University of Minnesota
- [http://www.ncsu.edu/project/posters/](http://www.ncsu.edu/project/posters/) - George Hess, NC State University; Kathryn Tosney, University of Miami; and Leon Liegel, Oregon State University

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### Grant Workshops March 12-13

Two staff members from the Grants Resource Center, Washington, D.C., will be on campus to conduct grant workshops. Sessions will be offered on grant opportunities in different academic areas, proposal do's and don'ts, information on the federal agenda, and an overview on the services provided by the Grants Resource Center. We strongly encourage faculty and administrators to attend as many of these sessions as appropriate for your academic area. You are welcome to attend any session, in addition to the session scheduled for your academic area. **Non-academic personnel are also encouraged to attend any session.** If there is a specific grant opportunity you would like information on, you are encouraged to forward that information to Pam Fillmore so we can let GRC know. They are interested in tailoring the information to our faculty and to our campus.

There will be time for brief individual appointments beginning at 11:00 on Tuesday morning. Individual appointments will be made for 10-15 minutes, so contact the Research and Grants Center as soon as possible if you are interested.

### Workshop Agenda

**Monday – March 12**

**8:30-10:00 a.m. Newman Division of Nursing**
- GRC Overview, including database
- Federal Scene
- Grant Opportunities for Nursing

**10:15-11:45 a.m. Memorial Union Room 48 (Lower Level)**
- GRC Overview, including database
- Proposal Do’s and Don’ts
- Federal Scene

**1:15-2:15 p.m. Memorial Union Room 48**
Grant opportunities for Humanities, Education, SLIM, University Libraries and Archives

**2:30-3:30 p.m. Roe R. Cross Room – CH 204**
Grant opportunities for School of Business

**3:30-4:30 p.m. Roe R. Cross Room – CH 204**
Grant opportunities for Biological Sciences, Physical Sciences, Mathematics/Computer Science/Economics

*Continued on next page*
Proposal Incentive Awards

Faculty who submit external competitive grant proposals are eligible to receive financial incentive awards for their efforts. This program is a joint effort between the President’s Office and the Research and Grants Center. Eligibility guidelines and information on stipend amounts are available at http://www.emporia.edu/research/incentiveprogram.html.

Faculty eligible to receive stipends for October 2011 – February 2012 are:

- $750 to Richard Sleezer, Physical Sciences, “Quantification of water and sediment storage capacity of small anthropogenic water bodies within the Upper Neosho River Basin,” Kansas Water Resources Institute, $26,330.

New Faculty Research & Creativity grant awards

The Faculty Research & Creativity Committee met in January and awarded the following grants for FY 2013:

- **Aber, James.** Physical Sciences. Windscapes of Kansas, California and New Mexico. $2,500.
- **Bailey, Melissa.** Biological Sciences. [Cr(III)3O(O2CCH2CH3)6(H2O)3]+(Cr3) Toxicity Potential in Bacterial and Mammalian Cells. $12,250.
- **Crupper, Scott.** Biological Sciences. Imipenem Resistance in Environmental Bacteria. $12,195.
- **Edds, David.** Biological Sciences. Reproduction and Growth of Zebra Mussels (Dreissena polymorpha) in Kansas. $11,595.

Undergraduate Student Travel Support

Thanks to generous support from the President’s office, the Research and Grants Center is pleased to announce that funds have become available to support undergraduate student travel to present at professional conferences, or for performances and exhibitions at regional, national, or international venues. April 16 is the deadline for travel occurring during the remainder of this fiscal year. It is expected that funds will also be available next fiscal year and additional deadlines will be announced later.

The complete guidelines and application form is available on our web site at www.emporia.edu/research. Contact Pam Fillmore if you have any questions.

Grant Workshops Agenda, continued

**Tuesday – March 13**

- **9:00-9:30 a.m. Provost’s Council**
- **9:45-11:00 a.m. Memorial Union Room 48 (Lower Level)**
  - GRC Overview, including database
  - Proposal Do’s and Don’ts
  - Federal Scene
- **11:00-11:45 a.m. Memorial Union Room 48**
  Personal appointments – call Pam Fillmore

Please join us in congratulating the above faculty members.

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Continued on next page
Faculty Research & Creativity grants, continued

Freeze, Tracy. Music. TEK Percussion Database. $10,059.


Koerner, Brenda. Biological Sciences. The Role of Symbiotic Relationships on the Success of an Invasive Legume, Sericea Lespedeza. $12,536.

Phelps, Connie. Elementary Education, Early Childhood and Special Education. The Impact of Four Initiatives on Gifted Children and Adolescents in France. $2,013.


Simons, Kim. Physical Sciences. Synthesis of Taq polymerase Fused to Green Fluorescent Protein: A Protein Chimera for Improved PCR Application and DNA Polymerase Study. $9,042.


Congratulations to all awardees!

New Issue of Quest Available

The 2012 edition of the ESU research magazine Quest is now available. You may have already received it in campus mail. It is also available on our web site at www.emporia.edu/research. We want to thank everyone who agreed to be interviewed and pose for pictures – we think it showcases very well some of the great research and scholarly work being conducted by our faculty.

Watch for our next publication, which will showcase undergraduate and graduate student service learning experiences, travel, research and creativity, and professional development activities. Tentatively entitled ESU Experience, we anticipate a publication date in late September.

Spring Dates and Deadlines

- March 1 – Spring deadline for Student Research Grants
- March 9 – Nominations due for President’s Award for Research & Creativity
- March 12-13 – Grant Workshops
- April 9 – Abstracts due for oral presentations and poster session
- April 16 – Deadline for undergraduate student travel support
- April 26 – Research and Creativity Day
- May 11 – Spring Graduate Commencement Reception, Memorial Union Web Hall, 5:00-6:30 p.m.

SAVE THE DATE!

THURSDAY, APRIL 26

RESEARCH AND CREATIVITY DAY

GRADUATE SCHOOL AND RESEARCH STAFF

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