From the Dean

While Research & Creativity Day at Emporia State University is a day we stop to celebrate the accomplishments, scholarship and creativity of our undergraduate and graduate students, it is also a wonderful time to thank the service of the faculty mentors who have worked so tirelessly with the students. Mentoring and the mentoring of graduate students will be celebrated at this year’s Research and Creativity Day Award Ceremony. For the first time, a graduate mentor award will be presented to a deserving faculty member. Graduate students requested that some type of recognition be created to publically acknowledge the work graduate faculty do to mentor, guide and support graduate student scholarship and creativity. The Research & Creativity Day Award Ceremony will start at 3:15 on April 30, 2015 in the Ballroom of the Memorial Union.

In addition, we continue to expand and add new events to permit more students and faculty to display their research and creativity. Aside from the 3-Minute Thesis Competition, oral presentations, and poster presentations, we will also have a live performance area for creative performances! The schedule for the day is on page two.

This is the culmination of a great deal of work on the part of students and faculty; some of whom have been working on a project or creative work for more than two or three years. Please encourage your students and colleagues to participate!

Kathy Ermler

Save the date – April 30, 2015 – Research & Creativity Day!
Abstracts being accepted for Research & Creativity Day

April 17 is the deadline for entries for oral presentations and poster exhibits for Research & Creativity Day, scheduled for April 30. This day is set aside to allow students and faculty to showcase a wide range of research and creative activities. The morning will begin with oral presentations by undergraduate and graduate students and the poster session will take place in the afternoon. The 3 Minute Thesis contest will also be offered again. Students interested in the 3 Minute Thesis event are also eligible to submit poster abstracts. Students may submit an abstract for both an oral presentation and a poster exhibit. We will also be able to accommodate performances as part of the poster session. We welcome both visual and performing art entries! The award ceremony, highlighting various undergraduate and graduate awards, will take place after the poster session. All events are in the Memorial Union. The poster hall will be open at 10:00 a.m. – Exhibits must be set up by noon; however, presenters will not be required to be present until the poster session begins at 1:00. With the exception of the 3 Minute Thesis contest, we will not be providing judges for the poster/oral presentation events this year. Departments are encouraged to coordinate their own judging if desired.

A buffet lunch will be provided for all participants and all presenters will receive a free t-shirt. The schedule, guidelines for presenters, poster templates, and submission form are available at http://www.emporia.edu/research/rcd.html.

Following this article is a selection of sites providing tips on developing posters, including those for humanities and social sciences. If you have students presenting, please share these with them if they are interested. Please encourage your students and colleagues to participate, and don’t forget to mark your calendars for April 30!

Poster presentation tips

The following resources are available for those interested in developing effective poster presentations, either for the Research & Creativity Day poster session 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. This information is also available on the Guidelines for Presenters page at http://www.emporia.edu/research/guidelines-for-presenters.html.

- Videos on poster design presented for K-INBRE Undergraduate Seminar Series:
  - http://youtu.be/vepdYKCqP1g
  - http://youtu.be/2IPuHx5B4A

- 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 - University of Kansas Medical Center, Developing a Poster Presentation online tutorial

- http://writing.colostate.edu/guides/speaking/poster/pop5b.cfm - Colorado State University

- http://www.tc.umn.edu/~schne006/tutorials/poster_design/ - University of Minnesota

- Posters for Humanities and Social Sciences – Aimee Roundtree, Ph.D., Assistant Professor, Department of English, University of Houston – Downtown.

General Schedule for Research and Creativity Day
April 30, 2015

The times for oral presentations are subject to change depending upon the number of submissions. All events will take place in the Memorial Union and room assignments will be announced later.

9:00 - noon Undergraduate student oral presentations
10:00 - noon Posters will be set up in Memorial Union Webb Hall
12:00 - 2:30 Departmental poster judging (optional)
11:30 - 1:00 Buffet lunch for all presenters and exhibitors KSTC Ballroom
1:00 - 2:00 3 Minute Thesis – Greek Room
1:00 - 3:00 Poster Session in Webb Hall open to public (students must be with posters - exceptions allowed for students participating in 3MT)
3:15 - 4:00 Award Ceremony - KSTC Ballroom

Save the date – April 30, 2015 – Research & Creativity Day!
Undergraduate Research Day at the Capitol

The following students participated in the third Kansas Undergraduate Research Day at the Capitol event on February 11th. ESU students participating were:


Maria Castro Munoz, Senior, Lima Peru. Mentor: Dr. Tim Burnett, Biological Sciences. Hypoxia Prevents TLR Signaling Attenuation.

Katy Schwingamer, Senior, Hartford. Mentor: Dr. Marcia Schulmeister, Physical Sciences. The Origin of Elevated Groundwater along the Neosho River at Emporia State University.

We challenge faculty across campus to encourage your undergraduate students to submit abstracts for this event in 2016. We can take up to five posters and we hope to fill all of these spots next year.

ESU students with Representative Don Hill at the Capitol on February 11th. More pictures on our Facebook page.

New On-line Training for Human Subject Research

Effective in January, ESU moved to the Collaborative Institutional Training Initiative (CITI) program at the University of Miami for training on the use of human participants in research. ESU made this move in order to provide up-to-date training on this topic and to make sure we maintain compliance with federal regulations. The Human Subject Research course has been customized for our campus and contains courses for Institutional Review Board (IRB) members, Institutional/Signatory Officials, Social-Behavioral-Educational Researchers, and Biological-Biomedical Researchers. Course modules are successfully completed with 80% or greater scores, and completion certificates are good for three years. At the end of three years, CITI will automatically contact registered individuals with a notice to take a “Refresher” course. While this training may take more time to complete than the training we provided in Canvas or Blackboard, it is more thorough and can be updated when new information is available or when federal regulations change. For campuses of our size, this kind of training is invaluable and much better than we can provide in-house.

With few glitches, the transition to CITI training has gone smoothly and we appreciate your patience and acceptance of the new training program. If you or your students will be conducting research with human participants, please go to our web site for the instructions on completing the CITI Human Subject Research course at www.emporia.edu/research/irb.html.

It is our plan to use the CITI training program for Animal Care and Use, Financial Conflicts of Interest, Responsible Conduct of Research, and Export Control. We will begin phasing these programs in beginning this summer with Animal Care and Use. More information will be provided later. If you have any questions about any of these issues, please contact Dr. Kathy Ermler or Pam Fillmore.

Save the date – April 30, 2015 – Research & Creativity Day!
New Grants and Contracts

**Howell, Dusti.** Instructional Design and Technology. *STEM Makes Academic Success Happen (SMASH).* Ks. Board of Regents; $189,067.

**Miller, Andrew.** Physical Sciences. *KINBRE Recruitment Package.* KU Medical Center. $25,000.

**Moews, Dawn.** Jones Institute for Educational Excellence. *Mastering the Continuum of the Ks. Mathematics Common Core Standards.* KSDE; $147,690, yr. 3 of 3.

**Opat, Annie.** Jones Institute for Educational Excellence. *Improving Literacy Outcomes for Beginning Readers with Disabilities.* The Ohio State University; $80,402, yr. 1 of 4.

**Wolf Bordonaro, Gaelynn.** Counselor Education. *Healing HeARTS: Community Therapeutic Arts Programming in Medical Settings.* Ks. Dept. of Commerce, KCAIC; $5,000.

The Faculty Research & Creativity Committee met in January and awarded the following grants for FY 2016. All funds are for graduate assistants:

**Blankenship, Chris.** English, Modern Languages and Journalism. *Framing Essential Skills: Metaphors of Argumentation in First-Year Writing Instruction.* $7,344.

**Crupper, Scott.** Biological Sciences. *Using a Genomic Approach to the Discovery of Novel Bacteriocins.* $7,344.

**Edds, David.** Biological Sciences. *Himalayan Fishes: Biodiversity Change across Three Decades.* $9,547.

**Koerner, Brenda.** Biological Sciences. *The Impact of Fuel Load, Burn Season, and Fire Frequency on the Control of an Invasive Legume, Sericea Lespedeza.* $9,180.

**Phelps, Connie.** Elementary Education, Early Childhood and Special Education. *Great Plains Center for Gifted Studies.* $7,344.

**Robinson, Gregory.** English, Modern Languages and Journalism. *Sor Juana Ines de la Cruz: Women and Religion in Early Colonial Mexico.* $7,344.


**Yang, Yixin Eric.** Biological Sciences. Combination Therapy Overcomes the Drug Resistance of Malignant Melanoma Cells. $9,547.

*Congratulations to all awardees!*

New Staff Member

The Research and Grants Center welcomes Ashley Brandt as Administrative Assistant. Ashley is currently a student majoring in Accounting and will graduate this May. Ashley replaces Jenny Barger, who is now fulltime in Distance Education. Welcome Ashley!

Save the date – April 30, 2015 – Research & Creativity Day!

Spring Dates and Deadlines

**April 17** – Abstracts due for Research & Creativity Day. [www.emporia.edu/research/rcd.html](http://www.emporia.edu/research/rcd.html).

**April 30** – Research and Creativity Day – more details will be announced later.

GRADUATE SCHOOL AND RESEARCH STAFF

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Email</th>
<th>Extension</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kathy Ermler</td>
<td>Dean</td>
<td><a href="mailto:kermler@emporia.edu">kermler@emporia.edu</a></td>
<td>5403</td>
</tr>
<tr>
<td>Doug Cooper</td>
<td>Degree Analyst</td>
<td><a href="mailto:dcooper@emporia.edu">dcooper@emporia.edu</a></td>
<td>5403</td>
</tr>
<tr>
<td>Jan Gerstner</td>
<td>Assistant to the Dean</td>
<td><a href="mailto:jgerstn1@emporia.edu">jgerstn1@emporia.edu</a></td>
<td>5508</td>
</tr>
<tr>
<td>Mary Sewell</td>
<td>Admissions Coordinator</td>
<td><a href="mailto:msewell@emporia.edu">msewell@emporia.edu</a></td>
<td>6404</td>
</tr>
<tr>
<td>Yesenia Vazquez</td>
<td>Admissions assistant</td>
<td><a href="mailto:ymorales@emporia.edu">ymorales@emporia.edu</a></td>
<td>5272</td>
</tr>
<tr>
<td>Rachel Petersen</td>
<td>Graduate Research Assistant</td>
<td><a href="mailto:gradinfo@emporia.edu">gradinfo@emporia.edu</a></td>
<td>5403</td>
</tr>
<tr>
<td>Ashley Brandt</td>
<td>Administrative Assistant</td>
<td><a href="mailto:brandt2@emporia.edu">brandt2@emporia.edu</a></td>
<td></td>
</tr>
<tr>
<td>Pam Fillmore</td>
<td>Grants Manager, Bulletin Editor</td>
<td><a href="mailto:pfillmor@emporia.edu">pfillmor@emporia.edu</a></td>
<td></td>
</tr>
<tr>
<td>April Huddleston</td>
<td>Recruitment &amp; Development Spec.</td>
<td><a href="mailto:ahuddles@emporia.edu">ahuddles@emporia.edu</a></td>
<td>5430</td>
</tr>
<tr>
<td>Brandi Turner</td>
<td>Admissions Assistant</td>
<td><a href="mailto:bbeckman@emporia.edu">bbeckman@emporia.edu</a></td>
<td>5403</td>
</tr>
<tr>
<td>Vanessa Hajek</td>
<td>Graduate Research Assistant</td>
<td><a href="mailto:gradinfo@emporia.edu">gradinfo@emporia.edu</a></td>
<td>5403</td>
</tr>
</tbody>
</table>

Yesenia Vazquez

Graduate Research Assistant

gradinfo@emporia.edu, Ext. 5403