From the Dean

Can you experience the Joy of Research in one day?

ESU Research Day is on May 1, 2014. It is a time to celebrate the hard work and effort of both the student and the faculty mentor. It is also a time to experience the joy of research, from both an intrinsic perspective and an extrinsic perspective. In watching, listening, and questioning the students who present (oral presentation and posters), the audience members can see and feel the pride and passion with which the undergraduate and graduate students talk about their research. As I watch the mentors proudly watch their students present their first oral presentation or research poster, I can sense the mentor’s joy and sense of accomplishment. Joy, pure joy! It is in these moments I am reminded of Robert Frost’s quote, “I am not a teacher, but an awakener.”

As a university community, ESU Research Day becomes a day to display the wonderful work of our students and faculty; a day to celebrate the Joy of Research. The day has some new events and activities. One of the new activities is a Three Minute Thesis competition. This event is in addition to the oral presentations, the poster sessions, and the President’s Research Award presenter.

Please encourage your students to participate in Research Day and share the joy of their work with others. As Antoine de Saint-Exupery said, “True happiness comes from the joy of deeds well done, the zest of creating things new.” ESU Research Day exemplifies deeds well done and zest for creating things new. Join us and help celebrate the Joy of Research at Emporia State.

Kathy Ermler

Nominations due for President’s Award for Research & Creativity

The Research and Grants Center is accepting nominations for the 2014 President’s Award for Research and Creativity. The deadline for nominations is 5:00 p.m., Friday, March 14. This award is intended to honor an ESU individual who has been active in research, scholarly activity, or creative endeavors. The award includes a $1,000 stipend, and the recipient is the keynote speaker at the Research & Creativity Day award ceremony.

The complete announcement, nomination guidelines and selection criteria are available at: http://www.emporia.edu/research/.

In this Issue

- From the Dean
- Nominations due for President’s Award for Research & Creativity
- Abstracts being accepted for Research & Creativity Day
- Poster Presentation Tips
- Darla Mallein receives new grant
- Undergraduate Research Day at the Capitol
- Information on Applying to Private Foundations
- New Faculty Research & Creativity Grant Awards
- Spring Dates and Deadlines
Abstracts being accepted for Research & Creativity Day

April 14 is the deadline for entries for oral presentations and poster exhibits for Research & Creativity Day, scheduled for May 1. 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. New this year is the Three Minute Thesis (3MT), which will take place from 1:00-2:00 p.m. Students interested in the Three Minute Thesis are also eligible to submit poster abstracts. More information on this event is available at http://www.emporia.edu/grad/graduate-forms/three-minute-thesis.html. The award ceremony, highlighting various undergraduate and graduate awards, will take place after the poster session. The poster hall will be open at 10:00 a.m. – posters must be set up by noon; however, presenters will not be required to be present until the poster session begins at 1:00. 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 May 1!

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.

- 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/iradel/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.

Darla Mallein receives new grant from Kansas Board of Regents

Darla Mallein, Associate Professor in the department of Social Sciences, recently received a grant from the Ks. Board of Regents. UPSCALE, or Using Primary Sources Collaboratively to Achieve Literacy Standards for Everyone, will help teachers meet the challenges of implementing the Common Core Literacy Standards and their accompanying assessments. The UPSCALE project will provide professional development activities for thirty Emporia teachers in grades 6-12 from social studies, English Language Arts, English Language Learners, and special education. The grant project consists of summer workshops with follow-up activities completed throughout the 2014-2015 school year. Workshop activities will include modeling and practice of inquiry-based instructional strategies that utilize primary sources, development of lesson plans and assessments aligned with the standards, and collaboration with colleagues across grade levels and subject areas as well as with university faculty. Follow up activities will include implementing the lesson plans and assessments created during the summer workshops and/or creating additional lesson plans and assessments. Paul Bland is co-director. Other university faculty who will be participating in the grant and serving as content specialists include Greg Schneider, Brian Miller, Deb Gerish, Kevin Kienholz, Manjula Shinge, and Kelly O'Neal Hixson. This is the first year these grants were open to the social sciences. Congratulations Dr. Mallein!

Save the date – May 1 – Research & Creativity Day!
Undergraduate Research Day at the Capitol

The following students participated in the second Kansas Undergraduate Research Day at the Capitol event in February. ESU students participating were:

**Maria Castro**, Senior, Lima Peru. Mentor: Dr. Tim Burnett. *Specific Binding of Serum IgG and IgM to Mice Epithelial (MODE-K) and Endothelial (MS-1) Cell Lines.*


**Brian Dorse**, Senior, Emporia. Mentor: Dr. Kim Simons. *Activation and Purification of Protein Phosphatase CDC14P.*


**Christopher Krause**, Senior, Colorado Springs, CO. Mentor: Dr. Marcia Schulmeister. *Changes in the Spatial Distribution of Emporia State University’s Freshmen Classes Since 2000.*


---

Important information on applying to private foundations

ESU faculty are encouraged to seek external funding from private foundations. However, you need to coordinate your efforts with the ESU Foundation. The ESU Foundation regularly approaches local and community foundations. It is important that there be a coordinated effort and approval of visits and proposals to local and regional private foundations such as the Emporia Community Foundation, Kansas Health Foundation, Sunflower Foundation, The Jones Trust, and others. Often these grantors may only accept one proposal from an institution; therefore the ESU Foundation needs to be aware of all proposals and contacts to these entities. Secondly, the ESU Foundation can also be of assistance to you in your efforts to seek external funding from these agencies. If the decision is made to go ahead with an individual proposal, ESU Foundation staff is in an excellent position to give you advice and suggestions for a successful proposal. If you are interested in approaching a local or regional private foundation for a grant project, you should first contact Donna Breshears, Executive Assistant, ESU Foundation, at extension 6475, or at dbreshea@emporia.edu.

If you are encouraged to proceed, you will work with the ESU Foundation as well as with the Research and Grants Center. When the proposal is ready to be submitted, you will continue to use the Digital Proposal Transmittal Form to obtain institutional approval. This form has been revised to include a signature line for the ESU Foundation. If you have any questions about this information, please contact us in the Research and Grants Center. This policy is not intended to discourage anyone from requesting funds from a private foundation. Rather it is intended to coordinate our efforts so our proposals are stronger and have a better chance of success.

*Save the date – May 1 – Research & Creativity Day!*
New Faculty Research & Creativity grant awards

The Faculty Research & Creativity Committee met in January and awarded the following grants for FY 2015. All funds are for graduate assistants:

**Bao, May Xiaoyan.** School of Business. Does the Higher Amount of Level 3 Assets Increase Cost of Debt? $9,547.

**Colson, Dan.** English, Modern Languages and Journalism. Violence, Representation, and Democracy: American Anarchism from Haymarket to WWII. $7,344.

**Crupper, Scott.** Biological Sciences. Culture-Independent Investigation of Beta-Lactamase Diversity. $9,547.

**Edds, David.** Biological Sciences. Are Invasive Zebra Mussels Reproducing in Kansas Rivers? $7,344.

**Koerner, Brenda.** Biological Sciences. The Impact of Fuel Load, Burn Season, and Fire Frequency on the Control of an Invasive Legume, Sericea Lespedeza. $7,344.

**Miller, Andrew.** Physical Sciences. Ion Adsorption to Iron Oxide Minerals as a Function of Temperature. $7,344.

**Nutbrown, Diane.** Physical Sciences. Synthesis of Fluorescent Molecules to Sense Lithium Ions in Cells. $8,813.

**Smith, Rachelle.** English, Modern Languages and Journalism. A Guide to Teaching College Writing. $7,344.

**Yang, Yixin Eric.** Biological Sciences. Friend or Foe: The Roles of Antioxidants in Cancer Progression and Anti-Cancer Drug Resistance. $7,344.

**Congratulations to all awardees!**

---

**The Research & Grants Center is on Facebook – be sure to like us!**

[http://www.facebook.com/ESUResearchCenter](http://www.facebook.com/ESUResearchCenter)

We welcome any comments or suggestions to make this a useful resource for you.

---

**Spring Dates and Deadlines**

- **March 14** – Nominations due for President’s Award for Research & Creativity
- **April 14** – Abstracts due for Research & Creativity Day
- **May 1** – Research & Creativity Day – more details will be announced later

---

**GRADUATE SCHOOL AND RESEARCH STAFF**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Contact Information</th>
<th>Phone 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>Ext. 5403</td>
</tr>
<tr>
<td>Peggy Anderson</td>
<td>Assistant to the Dean</td>
<td><a href="mailto:panderso@emporia.edu">panderso@emporia.edu</a></td>
<td>Ext. 5508</td>
</tr>
<tr>
<td>Jenny Barger</td>
<td>Office Assistant</td>
<td><a href="mailto:fbarger@emporia.edu">fbarger@emporia.edu</a></td>
<td>Ext. 5352</td>
</tr>
<tr>
<td>Doug Cooper</td>
<td>Degree Analyst</td>
<td><a href="mailto:dcooper@emporia.edu">dcooper@emporia.edu</a></td>
<td>Ext. 5403</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>Ext. 5351</td>
</tr>
<tr>
<td>Dana Freeman</td>
<td>Admissions Assistant</td>
<td><a href="mailto:dfreeman@emporia.edu">dfreeman@emporia.edu</a></td>
<td>Ext. 5272</td>
</tr>
<tr>
<td>Elizabeth McLain</td>
<td>Recruitment &amp; Development Spec.</td>
<td><a href="mailto:emclain@emporia.edu">emclain@emporia.edu</a></td>
<td>Ext. 5430</td>
</tr>
<tr>
<td>Mary Sewell</td>
<td>Admissions Coordinator</td>
<td><a href="mailto:msewell@emporia.edu">msewell@emporia.edu</a></td>
<td>Ext. 6404</td>
</tr>
<tr>
<td>Brandi Turner</td>
<td>Admissions Assistant</td>
<td><a href="mailto:bbeckman@emporia.edu">bbeckman@emporia.edu</a></td>
<td>Ext. 5403</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>Ext. 5403</td>
</tr>
<tr>
<td>Amanda Rabender</td>
<td>Graduate Research Assistant</td>
<td><a href="mailto:gradinfo@emporia.edu">gradinfo@emporia.edu</a></td>
<td>Ext. 5403</td>
</tr>
</tbody>
</table>