OFFICE OF THE VICE PRESIDENT FOR RESEARCH
Professional Development Programs for Researchers
2014-2015 Academic Year

The Office of the Vice President for Research offers professional development workshops to help faculty build strong research programs and write successful grant proposals. Registration details will be available on the VPR Office homepage under “Announcements & Events” as they become available: http://www.vpresearch.iastate.edu/.

These programs are partially supported by the National Science Foundation under Grant Number EPS-1101284. The opinions, findings, conclusions or recommendations expressed in these programs are those of the presenter(s) and do not necessarily reflect the views of the National Science Foundation.

AUGUST

Finding Research Funding—COS Pivot Training
Presenter: Chris Horn, Senior Training Consultant, ProQuest
Date: August 19, 2014; 9:30-11:00
Location: Carver Hall Room 250

The COS Pivot searchable database is a tool used by researchers to identify and learn about funding opportunities, broaden their funding portfolio by exploring new opportunities, and develop disciplinary and interdisciplinary connections and networks. Chris Horn, senior training consultant at ProQuest, will provide a hands-on training, during which researchers will learn how to identify funding opportunities and connect with other investigators. Using a personal Pivot account, participants will be able to develop search parameters relevant to their interests that can be used to set up appropriate Pivot profiles and accounts that will enable them to receive email alerts about funding opportunities in selected areas and connect with colleagues.

If you have any questions, please contact Sue Shipitalo (sueship@iastate.edu).

Sold out. College representatives will be trained and will offer training to interested faculty and staff.

SEPTEMBER

Department of Defense Research Funding: Opportunities, Research Funding, and Risk Analysis
Presenter: Kurt T. Preston; Associate Vice Chancellor for Research, University of Nebraska-Lincoln
Date: September 12, 2014; 9:30 – 11:00
Location: Ensminger Room – Kildee Hall

This workshop will explore the various programs (missions and goals) and the funding opportunities that are currently available from the Department of Defense and provide valuable suggestions for how to get a grant proposal funded from this agency. The presenter, Dr. Kurt Preston, was recently appointed as the associate vice chancellor of research at UN-L and will begin his duties in mid-
November. Currently (and since 2005) Dr. Preston is the division chief of the U.S. Army Research Office in Durham, N.C., where he oversees the University Research Initiative Program and directs the Environmental Science Basic Research Program. As a program manager from 2002 to 2005, he led the office’s review process for funding basic research proposals in engineering and physical, information and life sciences. Earlier, Dr. Preston held several U.S. Army leadership roles related to environment, safety and health.

Dr. Preston earned a bachelor's degree in agriculture from the University of Georgia, master's and doctoral degrees in civil engineering from Purdue University and a Juris Doctor from North Carolina Central University.

If you have any questions, please contact Laurie Engleen at lengleen@iastate.edu.

REGISTER NOW.

The German Academic Exchange Service—Opportunities and Suggestions for Submitting a Competitive Grant Proposal to this Agency
Presenter: Uschi Niethammer – Program Officer
Date: September 15, 2014;
  3-4 p.m.: Presentation to faculty and grad students
  4-5 p.m.: Meeting with ISU staff involved in international exchange programs
Location: Room 130, Design

Ms. Niethammer, program officer for the German Academic Exchange Service (DAAD) will make a presentation about this German government and EU funded agency and explain the agency’s culture, the wide variety of RFPs, review process and suggestions on how to submit a successful grant proposal to DAAD. This workshop is targeted toward all researchers, at all levels and in all disciplines who wish to gain some insights about the German Academic Exchange Service (DAAD). She will highlight specific programs for faculty researchers and talk about opportunities for post-docs and graduate students. Faculty, staff, postdocs and graduate students – all are welcome.

No registration is required; all are welcome. Contact Sandra Norvell (snorvell@iastate.edu)

<table>
<thead>
<tr>
<th>Individual Meetings with Uschi Niethammer</th>
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<tr>
<td>Date:  Sept 16, 2014, Meetings from 8 a.m. until Noon</td>
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<td>Location:  3558 Memorial Union</td>
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Ms. Niethammer will offer Individual 30-minute meetings for those faculty seeking more specific guidance on proposal ideas. These meetings will be arranged by appointment only. Contact Sandra Norvell (snorvell@iastate.edu).

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<thead>
<tr>
<th>Lunch with the Vice President for Research and Staff</th>
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<tr>
<td>Date:  September 30, 2014; 11:30 – 1:00.</td>
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<td>Location:  Campanile Room – Memorial Union</td>
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New faculty members are invited to a lunch with Vice President Nusser to learn more about the various research service units and support staff at an informal lunch. Faculty will learn about the research office and the programs and services that it offers. There will be some brief presentations from various research support units and ample time to ask questions and meet various staff members.

*Participation by invitation only.*

**OCTOBER**

**Write Winning Grant Proposals**

**Presenter:** John Roberts, Grant Writers’ Seminars and Workshops  
**Date:** October 7, 2014; 8:00-4:00 PM – lunch break from 12:00-1:00 (lunch on your own)  
**Location:** Sun Room – Memorial Union

Dr. John Robertson is an associate member of Grant Writers’ Seminars and Workshops, which was founded by David Morrison and Stephen Russell in 1994. Dr. Robertson received his Ph.D. from the University of Texas at Austin in 1999 and spent four years as a postdoctoral research fellow at the Karolinska Institute in Stockholm, Sweden. He was subsequently hired in 2004 by the University of Kansas Medical Center in Kansas City, KS, as a faculty member in the Department of Pharmacology, Toxicology & Therapeutics, and an associate member of the University of Kansas Cancer Center. In 2010, he was recruited to teach grantsmanship by Grant Writers’ Seminars & Workshops. Dr. Robertson has been the recipient of competitive extramural funding, served on grant review panels, a reviewer for a number of biomedical journals, and served on editorial boards, and has mentored faculty who were subsequently successful in obtaining their own funding.

In this workshop, emphasis will be given to idea development, and tips and strategies that are of proven value in presenting an applicant's case to reviewers. Participants will be taught to organize their presentations into a linear progression of logic, which leads reviewers through their applications. Topics covered include: developing a research plan, writing strategies, analysis of sample proposal sections, writing practice, peer review, drafting proposal sections (selecting, organizing, and summarizing key points), revising drafts (using passive/active voice, sentence-level editing), and developing effective graphics. Although the workshop will emphasize the culture of NSF and NIH and suggestions for responding to NSF and NIH formats, it will discuss the basic, fundamental principles of grant writing that are applicable to a broad range of funding agencies. The workshop is intended for researchers from the physical and life sciences; engineering; educational and social sciences; as well as the arts and the humanities.

Limited space—only 150 people will be seated so preference will be given to faculty and staff first (including postdocs) before opening registration to graduate students.

If you have any questions, please contact Laurie Engleen at lengleen@iastate.edu.

**REGISTER NOW.**
### The National Science Foundation—Emerging Opportunities and Suggestions for Submitting a Competitive Grant Proposal to this Agency

**Presenter:** Mary Galvin-Donoghue – Division Director, Materials Research; Directorate of Mathematics and Physical Sciences, National Science Foundation  
**Date:** October 20, 2014; 10:00-11:00 AM  
**Location:** Ensminger, Kildee Hall

This workshop is targeted toward junior researchers who wish to gain some insights about the National Science Foundation. Dr. Galvin will make a presentation about the National Science Foundation and explain the agency’s culture, review process and suggestions on how to submit a successful grant proposal to NSF. She will highlight specific programs and talk about emerging opportunities in the area of mathematical and physical sciences. Faculty, staff, postdocs and graduate students – all are welcome.

No registration is required; all are welcome.

### Open Access and the Land-Grant Mission: Discussion Panel

**Presenters:** Harrison Inefuku - Digital Repository Coordinator; and Emma Molls - Scholarly Communications and Social Sciences and Humanities Librarian  
**Date:** October 21, 2014; 6:30 PM  
**Location:** Sunroom – Memorial Union

ISU’s Library Staff Harrison Inefuku and Emma Molls, ISU faculty and researchers will offer a panel discussion on open access and research sharing, including using Digital Repository at Iowa State University to further the land-grant ideal that higher education should be accessible to all. This program would be especially useful to researchers who wish to learn about data access and management using the resources available on our campus.

No registration required; all are welcome.

### FEBRUARY

### Getting to Know Funding Agencies—Department of Education

**Presenter:** Panel Presentation – Faculty from the School of Education; C. Peterson (moderator)  
**Date:** February 2015 (date to be determined)  
**Location:** To be announced

ISU faculty will present their own successes in building and developing research programs in the educational sciences. The panelists will provide general guidelines on how concepts may be developed into a research project (with appropriate teams with practitioners) and compete for
external funding and talk about the Department of Education’s Institute of Educational Sciences, the National Science Foundation, and their experiences with some private foundations. This workshop will be useful for researchers in education sciences as well as those who are interested in developing skills/ideas that would be useful for broader impacts and outreach related work with K-12 institutions.

Online registration: will be available from January 15, 2015. Please visit our website at http://www.vpresearch.iastate.edu/ and look for Announcements to find the link to register for this workshop. If you have any questions, please contact Laurie Engleen at lengleen@iastate.edu.

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**MARCH**

### Workshop: How to Write a Successful CAREER Grant Proposal

**Presenters:** Panel Presentation: Jeramy Ashlock, Levi Stanley, Javier Vela-Becerra, Ayman Fayed, Yehua Li; Arun Somani, moderator  
**Date:** March 2015  
**Location:** TBD

The goal of the prestigious NSF CAREER Grant is to help promising researchers “build a firm foundation for a lifetime of leadership in integrating education and research.” Writing a successful CAREER grant proposal requires clear articulation of long-term research and education goals, and that these goals are cohesive and well integrated. Recent CAREER grant awardees (Drs. Ashlock, Stanley, Vela-Becerra, Fayed, and Li) will talk about their experiences in developing their proposals, including their plans for the broader impacts, evaluation, and other requirements of this program. The speakers will provide some tips and recommendations, and participants will have time to ask questions. Dr. Arun Somani, Associate Dean for Research at the College of Engineering will provide an introduction and moderate the discussion.

Online registration: will be available from February 15, 2015. Please visit our website at http://www.vpresearch.iastate.edu/ and look for Announcements to find the link to register for this workshop. If you have any questions, please contact Laurie Engleen at lengleen@iastate.edu.

### Workshop: Building a Successful Interdisciplinary Research Team—Part II

**Date:** March 2015 (exact date has yet to be determined)  
**Location:** TBD

This workshop will help participants understand the issues that they need to prepare and plan for as they build collaborative, transdisciplinary teams. The workshop will discuss frameworks for building ‘team syntheses’ – from individual expertise into a collaborative network that clarifies roles; maps out flows, iterations, and incremental outcomes; anticipates emergent problems; and promotes reflective improvement.
Online registration: will be available from February 15, 2015. Please visit our website at http://www.vpresearch.iastate.edu/ and look for Announcements to find the link to register for this workshop. If you have any questions, please contact Laurie Engleen at lengleen@iastate.edu.