

2018

## ORDA Weekly Update, 2018 10 08

Office of Research Development and Administration

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## Quick Links

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**Office of Research Development and Administration**

## Events & Deadlines

**October 8, 2018**

### Limited Submission Opportunities

Programs that allow only one or two submissions per institution are listed here. ORDA will conduct an internal competition to determine which proposal should be submitted on behalf EMU. Interested PIs should visit the CompetitionSpace page to apply:

<http://www.emich.edu/research/grant-life-cycle/regulations/submission-proposals.php>

### National Science Foundation, Major Research Instrumentation Program

The Major Research Instrumentation Program (MRI) catalyzes new knowledge and discoveries by empowering the Nation's scientists and engineers with state-of-the-art research instrumentation. The MRI Program enables research-intensive learning environments that promote the development of a diverse workforce and next generation instrumentation, as well as facilitates academic/private sector partnerships.

**Internal Application Deadline: October 15, 2018**

EASTERN  
MICHIGAN UNIVERSITY

EMU  
Research

External Sponsor Application Deadline: January 22, 2019

## **Internal Awards**

Internal research funding supports faculty research, creative, and scholarly endeavors. Several internal funding programs have deadlines this fall:

### **Women in Philanthropy Grants**

Deadline: October 8, 2018

### **Culture of Research Excellence Faculty Fellowship**

Deadline: October 8, 2018

### **Summer Research/Creative Activity**

Deadline: October 31, 2018

### **Undergraduate Research Stimulus Program**

Deadline: November 2, 2018

More information can be found on ORDA's website:

<http://www.emich.edu/research/development/funding/index.php>

## **Workshops**

### **Tips for Successful Undergraduate Research Stimulus Program Applications**

Learn what makes for a successful URSP application in these workshops for faculty or faculty-student teams.

Monday, October 8; 200 Boone Hall; 4:00-5:00pm

Monday, October 15 , 541 Science Complex; 4:00-5:00pm

Thursday, October 18 ; 200 Boone Hall; 2:00-3:00pm

### **How to Build a Research Proposal Budget**

Wednesday, October 17 OR Thursday, October 18

12:30-1:30pm ; 200 Boone Hall

This brownbag is for faculty who are considering a funding opportunity and are not sure what can be done with the budget allowed by that opportunity. Join ORDA Pre-Award Officer Susan Campbell for an informal and informative session where basic budget items and considerations will be discussed. Bring your lunch and your questions!

### **Introduction to SPSS, Part 1**

Tuesday, October 23

1:00-2:30pm ; G07C Halle Library

This "hands-on" workshop is for participants who have never used or feel out-of-date with the statistics package SPSS. The menu-driven system of the Windows version of SPSS will be demonstrated for performing common tasks such as: entering data into SPSS, creating variable and value labels, computer new variable, recording values, running selected statistical procedures, and saving data and output files. The SPSS I Workshop will cover the basics of this package.

Spin/Smarts/Foundation Directory

Wednesday, October 24

12:00-1:00pm ; 200 Boone Hall

This workshop is held in a computer lab so you can get hands on experience searching several helpful directories of funding sources. Learn how to sign up for alerts so you never miss a good funding opportunity! This is a great follow-up to the Finding Funding Workshop held in October.

Finding Funding

Thursday October 25

12:00-1:00pm ; 200 Boone Hall

This workshop provides a brief overview of the "whys" and "how-tos" of identifying appropriate funding sources for research. We will also present information regarding some of the services provided by ORDA. A demonstration of a variety of resources, including the various search engines that ORDA subscribes to, will be performed.

**NSF Releases Video with Tips for Peer Review**

A great way to learn how to write high quality proposals is by serving as a peer reviewer. NSF reviewers are being asked to view this video, and it is very informative for grant writers too.

When you click the link below, you will need to submit your name and a valid email address to access the video.

<https://tipsforreviewers.nsf.gov/>

**Deadlines**

National Science Foundation, Understanding the Rules of Life: Building a Synthetic Cell

This solicitation describes an Ideas Lab on “Building a Synthetic Cell.” Ideas Labs are intensive workshops focused on finding innovative solutions to grand challenge problems. The ultimate aim of this Ideas Lab organized by the National Science Foundation is to facilitate the generation and execution of innovative research projects aimed at designing, fabricating, and validating synthetic cells that express specified phenotypes. The aspiration is that mixing researchers who have diverse scientific backgrounds will engender original thinking and innovative approaches that will transform our understanding of cellular processes, the molecular mechanisms that underscore the building and function of systems that reproduce life traits, the self-assembly of life-like systems, soft condensed matter, and the physics and chemistry of life that are needed to design and build cellular components, cells and multicell systems.

<https://www.nsf.gov/pubs/2018/nsf18599>

Next Deadline: Preproposals (required), December 28, 2018 ; Full Proposal, May 13, 2019

National Science Foundation, Understanding the Rules of Life: Epigenetics

The purpose of the Understanding the Rules of Life: Epigenetics (URoL:Epigenetics) program is to enable innovative research and to promote multidisciplinary education and workforce training in the broad area of epigenetics. The URoL:Epigenetics program is a wide collaboration across Directorates/Offices within the National Science Foundation with a focus on understanding the relationship between epigenetic mechanisms associated with environmental change, the resultant phenotypes of organisms, and how these mechanisms lead to robustness and adaptability of organisms and populations.

<https://www.nsf.gov/pubs/2018/nsf18600>

Next Deadline: February 1, 2019

National Institutes of Health, Development and Optimization of Tasks and Measures for Functional Domains of Behavior (R01, Clinical Trial Not Allowed)

The purpose of this Funding Opportunity Announcement (FOA) is to support the development and optimization of tasks and/or measures for constructs pertaining to functional aspects of behavior or cognitive/affective processes, for use in laboratory or population-based studies, clinical trials outcomes, or related research. This FOA encourages research that will result in the availability of tasks and measures that demonstrate: (1) good validity as a measure of a specific construct; (2) robust measurement properties; and (3) suitability for use across diverse participants.

<https://grants.nih.gov/grants/guide/pa-files/PAR-18-930.html>

Next Deadline: February 5, 2018

Air Force Research Laboratory, Materials and Manufacturing Directorate, Structural Materials Division Open BAA

Air Force Research Laboratory, Materials & Manufacturing Directorate, Structural Materials Division, AFRL/RXC, is soliciting white papers and potentially technical and cost proposals under this announcement that support the needs of its Structural Materials and Applications mission. Structural Materials technologies that range from materials and scientific discovery through technology development and transition are of interest. Descriptors of Materials and Manufacturing Directorate technology interests are presented in two contexts in the Statement of Objectives (BAA Attachment 1); that of structural materials science and engineering academic “competencies,” and that of Air Force application area needs.

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=309120>

Next Deadline: Proposals accepted through September 20, 2023

National Science Foundation, Long Term Research in Environmental Biology

Notice seeking proposals to support the generation of extended time series of data to address important questions in evolutionary biology, ecology, and ecosystem science. Research areas include, but are not limited to, the effects of natural selection or other evolutionary processes on populations, communities, or ecosystems; the effects of interspecific interactions that vary over time and space; population or community dynamics for organisms that have extended life spans and long turnover times; feedbacks between ecological and evolutionary processes; pools of materials such as nutrients in soils that turn over at intermediate to longer time scales; and external forcing functions such as climatic cycles that operate over long return intervals.

[https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13544](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13544)

Next Deadline: Proposals accepted at any time

### **ORDA Request for Information**

ORDA is interested in sharing news about your research, scholarly, and creative activity with the University community, and beyond.

- Are you serving as an editor of a scholarly journal? Let us know!
- Have your students won a poster presentation at a regional conference? Let us know!
- Have you recently created and produced an original performance, or had an exhibition of your work? Let us know!
- Did you recently publish a book or article? Let us know!
- Did you receive a Fulbright-Hays, or other fellowship? Please tell us about it!

The link below will take you to an e-form that provides an easy way to communicate this exciting news. This will help us identify activities that can be promoted both internally and externally.

<https://docs.google.com/forms/>

## **Statistical Consultation**

ORDA welcomes back Dr. Grigoris Argeros (Sociology Anthropology Criminology) and Dr. Kathy Chu (Mathematics) as Faculty Associates for research statistics. Consultation is available for faculty, as well as graduate students working with faculty on independent research projects and theses with the goal of publication of results.

Contact [Orda\\_stats@emich.edu](mailto:Orda_stats@emich.edu) for more information or to schedule an appointment.

### **ORDA on Social Media!**

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