

2018

## ORDA Weekly Update, 2018 10 22

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 22, 2018**

### Internal Awards

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

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

EASTERN  
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Research

## 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This "hands-on" workshop is for participants who have never used or feel out-of-date with the statistics package SPSS.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.

## Introduction to R, Part 1

Tuesday October 30

1:00-2:30pm ; 200 Boone Hall

R is a very popular computing and graphing tool for exploring data. It allows users to document their thoughts of the data analysis and make it easier to reproduce or update the analysis. R is free and can be downloaded on any operating system. This workshop will give a hands-on introduction to R. We'll start with the software installation and work through a few examples that demonstrate the use of R for various types of data manipulation, graphical presentation and basic statistical analysis. Handouts will be provided. **Please bring your laptop .**

## Introduction to R, Part 2

Tuesday, November 6

1:00-2:30pm ; 200 Boone Hall

R is a very popular computing and graphing tool for exploring data. It allows users to document their thoughts of the data analysis and make it easier to reproduce or update the analysis. R is free and can be downloaded on any operating system. This workshop will give a hands-on introduction to R. We'll work through a few examples that demonstrate the use of R for various types of data manipulation, graphical presentation and basic statistical analysis. Handouts will be provided. **Please bring your laptop .**

## Introduction to SPSS, Part 2

Wednesday, November 7

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

This "hands-on" workshop is for participants who want to know how to create and use syntax files for SPSS for Windows. The SPSS II Workshop will cover selected advanced features and syntax files. Syntax files are text files that allow the user to run programs on a SPSS data file. The advantages of using syntax files rather than menu-driven systems will be discussed and demonstrated during the workshops.

### **Deadlines**

National Science Foundation/National Institutes of Health, Joint DMS/NLM Initiative on Generalizable Data Science Methods for Biomedical Research

The Division of Mathematical Sciences (DMS) in the Directorate for Mathematical and Physical Sciences (MPS) at the National Science Foundation (NSF) and the National Library of Medicine (NLM) at the National Institutes of Health (NIH) plan to support the development of innovative and transformative mathematical and statistical approaches to address important data-driven biomedical and health challenges. The rationale for this interagency collaboration is that significant advances may be expected as the result of continued NSF investments in foundational research in mathematics and statistics as well as inter- and multi-disciplinary research and training at the intersection of the quantitative/computational sciences and domain sciences, while NIH benefits from the enhancement of biomedical data science with new approaches that strengthen the reproducibility of biomedical research and support open science.

<https://www.nsf.gov/pubs/2019/nsf19500/nsf19500.htm>

Next Deadline: January 16, 2019

National Institutes of Health, Addressing Caregiver Symptoms through Technological Tools (R01 or R21, Clinical Trial Optional)

The purpose of the Funding Opportunity announcement is to encourage grant applications from the scientific community that develop and test tools to address symptoms in caregivers. The key to this announcement is the focus on the caregiver, regardless of patient symptoms or conditions. Research is needed to enhance symptom recognition and assessment in caregivers, and to promote technological strategies to alleviate distress in caregiver symptoms. These studies are needed to advance the science related to caregiver experience of symptoms, caregiving contexts that promote these symptoms, and viable tools to address the symptoms experienced by caregivers.

R01: <https://grants.nih.gov/grants/guide/pa-files/PA-19-023.html>

R21: <https://grants.nih.gov/grants/guide/pa-files/PA-19-024.html>

Next Deadline: February 5, 2019

### **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.

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