ORDA Weekly Update

Office of Research Development and
Administration

2017

# ORDA Weekly Update, 2017 03 06

Office of Research Development and Administration

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# EMU Research

Research Development

Grant Life Cycle

Resources & Workshops

Research Compliance

Researchers & Faculty Profiles

Technology Transfer

Policies

Research News

   Center Stage

   Center Stage Archive

   Recent Headlines

   ORDA Weekly Update

   Newsletter: Research@EMU

   Annual Reports

   ORDA Grant Awardees

Anonymous Reporting

About Us

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## ORDA Weekly Update

Updated March 6, 2017

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.

MRI funding is a benefit to the institution as a whole, and typically provides instrumentation for multiple users.  For this reason, the Associate Vice President for Graduate Studies and Research will offer a 3-credit hour release to be used by the primary author of the MRI proposal. If you have questions, please contact ORDA (487-3090).

Internal Application Deadline: April 30, 2017

External Sponsor Application Deadline: January 10, 2018

https://www.nsf.gov/funding/ pgm_summ.jsp?pims_id=5260

Workshops

A Gentle Introduction to R.

R. is a very popular computing and graphing tool for exploring data.  It allows users 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.  You are welcome to bring your laptop.

Monday, March 6 (12:30-1:30pm); 111 Halle Library

Multiple Regression using SPSS

 Multiple regression, a very popular statistical method, allows us predict the value of a variable based on the value of two or more other variables. This workshop will give a hands-on introduction on how to carry out multiple regression using SPSS, including interpreting the output.

Wednesday, March 8 (12:30-1:30pm); 111 Halle Library

Applying to the National Institutes of Health AREA Program Brownbag.

The NIH Academic Research Enhancement Award (AREA) is a program designed to support faculty researchers at primarily undergraduate institutions like EMU.  Join ORDA Pre-Award Officer Susan Campbell and AREA program awardees for an informal and informative discussion. Bring your lunch and your questions!

Wednesday, March 15 (12:30-1:30pm); 200 Boone Hall

Logistic Regression using SPSS

Logistic regression is a regression model used when the dependent variable is dichotomous. As a result, the interpretation of the results differs from those of multiple regression. This workshop will give a hands-on introduction on how to carry-out logistic regression using SPSS, as well as interpreting the results.

Monday, March 20 (12:30-1:30pm); 111 Halle Library

Deadlines

National Endowment for the Humanities, Preservation and Access Education and Training Grants

Notice seeking applications to support the development of knowledge and skills among professionals responsible for preserving and establishing access to humanities collections. Thousands of libraries, archives, museums, and historical organizations across the country maintain important collections of books and manuscripts, photographs, sound recordings and moving images, archaeological and ethnographic artifacts, art and material culture collections, electronic records, and digital objects.

Next Deadline: May 2, 2017

https://www.neh.gov/grants/ preservation/preservation-and- access-education-and-training

National Endowment for the Humanities, Digital Humanities Advancement Grants

Notice seeking applications supporting digital projects throughout their lifecycles, from early start-up phases through implementation and long-term sustainability. Grants are available for early-stage planning, development, and implementation. Funds also support innovative

collaborations between museum or library professionals and humanities professionals to advance preservation of, access to, use of, and engagement with digital collections and services. Cost sharing is required by certain projects.

Next Deadline: June 6, 2017

https://www.neh.gov/grants/ odh/digital-humanities- advancement-grants

US Army Corps of Engineers, Broad Agency Announcement,

The U.S. Army Engineer Research and Development Center (ERDC) is responsible for conducting research in the broad fields of hydraulics, dredging, coastal engineering, instrumentation, oceanography, remote sensing, geotechnical engineering, earthquake engineering, soil effects, vehicle mobility, self-contained munitions, military engineering, geophysics, pavements, protective structures, aquatic plants, water quality, dredged material, treatment of hazardous waste, wetlands, physical/mechanical/ chemical properties of snow and other frozen precipitation, infrastructure and environmental issues for installations, computer science, telecommunications management, energy, facilities maintenance, materials and structures, engineering processes, environmental processes, land and heritage conservation, and ecological processes. This research is conducted by Government personnel and by contract with educational institutions, non-profit organizations and private industries.

No deadline for required pre-proposals. Expires January 31, 2018

http://www.erdc.usace.army. mil/Portals/55/docs/ W912HZ13BAA01.pdf

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