

2018

ORDA Weekly Update, 2018 11 12

Office of Research Development and Administration

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Recommended Citation

Office of Research Development and Administration, "ORDA Weekly Update, 2018 11 12" (2018). *ORDA Weekly Update*. 99.
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200 Boone

Phone: 734.487.3090

orda_dept@emich.edu

Office of Research Development and Administration

Events & Deadlines

November 12, 2018

Workshops

RESCHEDULED!! Introduction to SPSS, Part 2

Wednesday, November 28

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.

Multiple Regression using SPSS

Tuesday, November 13

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

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.

Logistic Regression using SPSS

Wednesday, November 14

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

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.

Deadlines

Fish and Wildlife Services, Great Lakes Fish and Wildlife Restoration Act

Notice seeking applications to support research, restoration, and Regional Project proposals for the restoration of the Great Lakes Basin fish and wildlife resources. Focus areas include: Restoring and maintaining self-sustaining fish and wildlife resources; Minimizing the impacts of contaminants on fishery and wildlife resources; Protecting, maintaining, and, where degraded and destroyed, restoring fish and wildlife habitat, including the enhancement and creation of wetlands that result in a net gain in the amount of those habitats; Stopping illegal activities adversely impacting fishery and wildlife resources; Restoring threatened and endangered species to viable, self-sustaining levels; and Protecting, managing, and conserving migratory birds. All proposals require a 25% non-federal match.

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=310071>

Next Deadline: January 7, 2019

National Endowment for the Humanities, Media Projects

The Media Projects program supports documentary film, television, radio, and podcast projects that engage public audiences with humanities ideas in creative and appealing ways. All projects must be grounded in humanities scholarship in disciplines such as history, art history, film studies, literature, religious studies, philosophy, or anthropology. Projects must also demonstrate an approach that is thoughtful, balanced, and analytical. The approach to the subject matter must go beyond the mere presentation of factual information to explore its larger significance and stimulate reflection. NEH is a national funding agency, so the projects that we support must demonstrate the potential to attract a broad general audience.

<https://www.neh.gov/grants/public/media-projects-development-grants>

Next Deadline: January 9, 2019

Health Resources and Services Administration, Autism Secondary Data Analysis Research Program

Notice seeking applications for efforts to improve the physical and behavioral health of children and adolescents with autism spectrum disorder (ASD) and other developmental disabilities (DD) by (1) reviewing and evaluating the effectiveness of ASD/DD interventions and (2) assessing disparities in access to ASD/DD screening, diagnosis and treatment through one year grants for secondary analyses of existing publicly available and accessible national datasets and/or administrative records.

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=307943>

Next Deadline: January 22, 2019

National Science Foundation, Cybersecurity Innovation for Cyberinfrastructure

The objective of the Cybersecurity Innovation for Cyberinfrastructure (CICI) program is to develop, deploy and integrate security solutions that benefit the scientific community by ensuring the integrity, resilience and reliability of the end-to-end scientific workflow. CICI seeks three categories of projects:

1. **Secure Scientific Cyberinfrastructure (SSC):** These awards seek to secure the scientific workflow by encouraging novel and trustworthy architectural and design approaches, models and frameworks for the creation of a holistic, integrated security environment that spans the entire scientific CI ecosystem.
2. **Research Data Protection (RDP):** These awards provide solutions that both ensure the provenance of research data and reduce the complexity of protecting research data sets regardless of funding source.
3. **Cybersecurity Center of Excellence (CCoE):** This award seeks to provide the NSF community with a centralized resource of expertise and leadership in trustworthy cyberinfrastructure.

<https://www.nsf.gov/pubs/2019/nsf19514/nsf19514.htm>

Next Deadline: January 23, 2019

National Science Foundation, Methodology, Measurement, and Statistics

Notice seeking proposals to support the development of innovative analytical and statistical methods and models for those sciences. MMS seeks proposals that are methodologically innovative, grounded in theory, and have potential utility for multiple fields within the social, behavioral, and economic sciences.

<https://www.nsf.gov/pubs/2019/nsf19520/nsf19520.htm>

Next Deadline: January 31, 2019

National Science Foundation, Designing Materials to Revolutionize and Engineer our Future

Notice supporting applications for activities that significantly accelerate materials discovery and/or development by building the fundamental knowledge base needed to design and make materials and/or devices with specific and desired functions or properties. Funds support the formation of interdisciplinary teams of researchers working synergistically in a "closed loop" fashion, building a vibrant research community, leveraging data science, providing ready access to materials data, and educating the future workforce, specifically through modeling, analysis, and computational simulations, validated and verified through sample preparation, characterization, and/or device demonstration. Areas of interest include, but are not limited to: Synthetic materials biology; Structural materials under extreme conditions; Recyclable plastics and alternative materials for sustainable development; and Robotic materials.

https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505073

Next Deadline: February 4, 2019

National Science Foundation, CISE Community Research Infrastructure

Notice seeking applications to research agendas in computer and information science and engineering that include user services and engagement needed to attract, nurture, and grow a robust research community that is actively involved in determining directions for the infrastructure as well as management of the infrastructure. The New award class includes Grand Ensemble, Medium Ensemble, and Planning awards.

<https://www.nsf.gov/funding/>

Next Deadline: Required Letters of Intent, January 8, 2019 ; Proposals February 20, 2019

National Institutes of Health, Promoting Research on Music and Health: Fundamentals and Applications (R21)

This FOA is intended to encourage exploratory studies to : (1) increase our understanding of how music affects the brain, body, and behavior and (2) use that knowledge to develop evidence-based music interventions to enhance health or treat specific diseases and disorders. Proposed R21 projects can investigate how music is processed by or modifies the brain, or how it affects specific biological functions during childhood development and learning, adulthood, and aging. Projects can also include preliminary interventions that provide a basis for therapeutic interventions. When appropriate, collaborations among basic researchers, technology developers, music intervention experts, or other clinical researchers are highly encouraged.

R21: <https://grants.nih.gov/grants/guide/rfa-files/rfa-ns-19-009.html>

R01: <https://grants.nih.gov/grants/guide/rfa-files/rfa-ns-19-008.html>

Next Deadline: February 28, 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 for more information or to schedule an appointment.

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Caryn Charter, Director

Office of Research Development and Administration

Eastern Michigan University

200 Boone Hall

Ypsilanti, Michigan 48197

734.487.3090