ORDA Weekly Update

Office of Research Development and
Administration

2017

ORDA Weekly Update, 2017 05 08

Office of Research Development and Administration
Eastern Michigan University

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ORDA Weekly Update

Updated May 8, 2017

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.

ORDA Google Form

Summer Writing Peer-Support Groups

Planning on working on a grant proposal (or research manuscript) over the summer? ORDA is hosting peer support writing groups. Grant writing is hard work; a regular writing group can help you keep on track, get over writer's block, enjoy a little camaraderie, and gain valuable feedback while you write. Location and meeting time will be determined by the participants. If interested please contact Jennifer Glass at jglass5@emich.edu.

National Science Foundation Dear Colleague Letter: Improving and Supporting the Transition to Graduate School in the Mathematical Sciences

The National Science Foundation's Directorate for Education and Human Resources (EHR) and Directorate for Mathematical and Physical Sciences (MPS) are collaborating to encourage proposals that would improve and support student transition to and subsequent success in doctoral programs in the mathematical sciences. Participating divisions within the two directorates are the Divisions of Mathematical Sciences (DMS), Graduate Education (DGE), Undergraduate Education (DUE), and Human Resource Development (HRD). NSF invites proposals for projects designed to encourage and prepare U.S. students to pursue and succeed in graduate doctoral study in the mathematical sciences generally, with a particular emphasis on broadening participation among students from underrepresented populations, including racial/ethnic groups underrepresented in mathematics and statistics, individuals with disabilities, and women. While proposed projects need not focus solely on members of underrepresented groups, they should utilize evidence-based techniques known to be effective for students from these groups.

https://www.nsf.gov/pubs/2017/nsf17078/nsf17078.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click

Deadlines

Australian-American Fulbright Commission, Fulbright Postgraduate Scholarship, Sponsored by Western Sydney University

The Australian-American Fulbright Commission invites postgraduate applicants in any of the following areas of focus:

- Creative and Performing Arts (all fields)
- Social Justice
- Environmental Studies
- Public HealthThe U.S Fulbright Postgraduate Scholarship, sponsored by Western Sydney University enables postgraduate candidates from the U.S to undertake 8-10 months of study/research at Western Sydney University, New South Wales, Australia and focus on building critical bilateral relationships with Australia.

About Western Sydney University

Established in 1989, Western Sydney University (WSU) "brings knowledge to life" in the education of students for employment, the application of research to contemporary problems, and mutually enriching partnerships with local schools, organisations, businesses and community groups.

https://www.fulbright.com.au/scholarships/fulbright-u-s-postgraduate-scholarship/

Next Deadline: Currently accepting applications

United States Department of Agriculture, National Institute of Food and Agriculture, Women and Minorities in Science, Technology, Engineering, and Mathematics Fields Program

This program supports research and extension projects that have robust collaborations to increase the participation of women and underrepresented minorities from rural areas in science, technology, engineering, and mathematics fields that are relevant to USDA priorities identified by the Secretary: (i) Promotion of a safe, sufficient, and nutritious food supply for all Americans and for people around the world; (ii) Sustainable agricultural policies that foster economic viability for small and mid-sized farms and rural businesses, protect natural resources, and promote value-added agriculture; (iii) national leadership in climate change mitigation and adaptation; (iv) Building a modern workplace with a modern workforce; and (v) Support for 21st century rural communities.

https://nifa.usda.gov/funding-opportunity/women-and-minorities-science-technology-engineering-and-mathematics-fields

Next Deadline: June 8, 2017

Defense Advanced Research Projects Agency, Ground Truth

The Defense Sciences Office at the Defense Advanced Research Projects Agency (DARPA) is soliciting innovative research proposals in the area of new simulation capabilities to test the accuracy and robustness of causal modeling methods for understanding human social systems and behaviors. Proposed research should investigate innovative approaches that enable revolutionary advances in social science modeling, simulation, and causal inference. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of practice.

https://www.fbo.gov/?s=opportunity

Next Deadline: Abstract (optional): May 15, 2017; Full proposal: June 29, 2017

National Aeronautics and Space Administration, ROSES 2017, Computational Modeling Algorithms and Cyberinfrastructure

In this funding cycle, the CMAC program is focusing on the following two challenges: (1) creating a high-performance, service-based cyberinfrastructure to support large-scale Earth science analytics, and (2) adapting an atmospheric model to a distributed heterogeneous multicore computing architecture. Specific solicited areas are described below.

https://nspires.nasaprs.com/external/viewrepositorydocument

Next Deadline: Notice of Intent, May 25, 2017; Proposal July 27, 2017

National Science Foundation, CyberCorps Scholarship for Service

The CyberCorps(R): Scholarship for Service (SFS) program seeks proposals that address cybersecurity education and workforce development. The *Scholarship Track* provides funding to award scholarships to students in cybersecurity. All scholarship recipients must work after graduation for a Federal, State, Local, or Tribal Government organization in a position related to cybersecurity for a period equal to the length of the scholarship. A proposing institution must provide clearly documented evidence of a strong existing academic program in cybersecurity. Such evidence can include: designation by the National Security Agency and the Department of Homeland Security as a Center of Academic Excellence in Information Assurance Education/Cyber Defense (CAE IA/CD), in Cyber Operations or in Research (CAE-R); a specialized designation by a nationally recognized organization (for example, in forensics); or equivalent evidence documenting a strong program in cybersecurity.

The *Capacity Track* seeks innovative proposals leading to an increase in the ability of the United States higher education enterprise to produce cybersecurity professionals. Proposals are encouraged that contribute to the expansion of existing educational opportunities and resources in cybersecurity and focus on efforts such as research on the teaching and learning of cybersecurity, including research on materials, methods and interventions; curricula recommendations for new courses, degree programs, and educational pathways with plans for wide adoption nationally; teaching and learning effectiveness of cybersecurity curricular programs and courses; integration of cybersecurity topics into computer science, data science, information technology, engineering and other existing degree programs with plans for pervasive adoption; and partnerships between institutions of higher education, government, and relevant employment sectors leading to improved models for the integration of applied research experiences into cybersecurity degree programs.

https://www.nsf.gov/pubs/2017/nsf17556/nsf17556.htm

Next Deadline: July 31, 2017 (Scholarship track) or December 5, 2017 (Capacity track)

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