

2017

ORDA Weekly Update, 2017 09 25

Office of Research Development and Administration

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ORDA Weekly Update

E emich.edu/research/publications/weeklyupdate.php



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2018 Culture of Research Excellence

The Office of Research Development and Administration is soliciting applications for the 3rd cohort of the EMU Culture of Research Excellence (CoRE) Grant Writing Program, starting Winter 2018. Support for this program is also provided by the College Deans and the University Librarian.

The CoRE program is for faculty who are ready to write a proposal and would like support during the process in order to produce a highly competitive application. To maximize the benefit of this program, eligible faculty participants should be ready to begin on a competitive proposal for federal funding. Evidence of readiness may include one or more of the following:

- Clear research idea with relevance for program within a specific directorate or institute
- Prior submission of federal research funding
- Prior non-federal funding
- Preliminary data in hand
- Relevant research publications
- Effective collaboration established (if applicable)

The CoRE program will offer:

- Winter 2018 Grant Writing Bootcamp
- o Includes seminars by national experts
- o Peer support and review

- o Travel to Washington DC to meet with Program Officers
 - Release time during the Winter 2018 semester to attend a weekly grant writing bootcamp and work on your proposal
 - Summer writing group
 - Release time in Fall of 2018 to complete your proposal.

Applications due October 9, 2017

Selections will be announced October 23, 2017

Apply online: <https://emich.infoready4.com/>

Internal Awards

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

- James H Brickley Endowment for Faculty Professional Development and Innovation

Deadline: October 2, 2017

- Culture of Research Excellence Faculty Fellowship

Deadline: October 9, 2017

- Summer Research/Creative Activity

Deadline: October 31, 2017

- Undergraduate Research Stimulus Program

Deadline: November 2, 2017

More information can be found on ORDA's website: <http://www.emich.edu/research/development/funding/index.php>

Workshops

The Science of Motivation Applied to Writing

Writing is an integral part of academic life, but it is common to procrastinate, resulting in looming deadlines and guilt over incomplete projects. Learn how to apply the science of motivation to your writing, increase productivity and reduce stress!

Tuesday, September 26 OR Wednesday, September 27 ; 12:30-1:30pm

200 Boone Hall

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 9 , 4:00-5:00pm ; 541 Mark Jefferson Science Complex

Wednesday, October 11 , 4:00-5:00pm ; 200 Boone Hall

Monday, October 16 , 4:00-5:00pm ; 200 Boone Hall

Thursday, October 19 , 4:00-5:00pm ; 200 Boone Hall

Finding Funding Workshop

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.

Tuesday, October 10 **OR** Wednesday October 11 (12:30-1:30pm); 202 Halle Library

Conferences

Michigan Drone Conference

October 24, 2017 ; 8:30am-4:30pm , Student Center Ballroom

Does your research have application to the drone industry? Do you or your students have something to present to the drone community? Join EMU as we welcome The Federal Aviation Administration Drone Research Center and the Michigan Drone Community to campus on October 24, 2017. Come and hear Michigan Tech Research Institute (MTRI) and the Great Lakes Drone Company share details of their research projects. Meet the U.S. Patent Office and have them answer your questions. Display tables are available with registration, poster displays are also welcome.

Contact Melinda Marion, Technology Transfer (mmarion3@emich.edu) for more information.

Register at: <https://ebill.emich.edu/C20704>

Follow us on Facebook: [facebook.com/DroneMI/](https://www.facebook.com/DroneMI/)

Deadlines

National Science Foundation, Dear Colleague Letter: Accepting Proposals Related to Hurricane Harvey

The National Science Foundation (NSF) and its staff are deeply concerned for the people and institutions affected by Hurricane Harvey and its aftermath. Now that the consequences of Hurricane Harvey are upon us, new science and engineering questions are being raised. Through this Dear Colleague Letter (DCL), NSF encourages the submission of proposals that seek to address the challenges related to this storm. NSF also will support fundamental science and engineering research projects whose results may enable our country to better prepare for, respond to, recover from, or mitigate future catastrophic events. Research proposals relating to a better fundamental understanding of the impacts of the storm (physical, biological and societal), human aspects of natural disasters (including first responders and the general public), emergency response methods, and approaches that promise to reduce future damage also are welcome.

With NSF support, researchers have a long history of advancing understanding and knowledge about natural and built environments, as well as the relationship between humans and their environments in the context of large-scale disasters. Fundamental science and technological advancements are vital to our continued improvement of disaster preparation and restoration. For example, NSF-funded research has advanced understanding of the mechanisms that cause levee failures, gained new knowledge on the performance of critical infrastructure, and supported efforts

to improve flood water decontamination. Researchers also have improved our ability to better predict, with longer lead times, the path of tropical cyclones. NSF support for researchers has led to the deployment of underwater rescue robots in an effort to safeguard emergency workers, developed real-time flood potential models, conducted effectiveness assessments of oil plume dispersants, assessed and advised better hazard-resistant buildings, and developed liquefaction mitigation methods in response to earthquakes. In addition, NSF-funded researchers have made ground-breaking discoveries about the long-term psychological and emotional impacts of national disasters.

<https://www.nsf.gov/pubs/2017/nsf17128/nsf17128.jsp>

Various Deadlines apply, depending on type of proposal

Women in Philanthropy at EMU Grants

The Women in Philanthropy at EMU group supports projects that align with the mission and vision of Eastern Michigan University. We are committed to funding projects that demonstrate the following priorities:

- Enhance learning opportunities for Eastern Michigan University faculty, staff, alumni and/or students
- Improve the Eastern Michigan University climate through collaborative efforts
- Foster creativity and innovation as it relates to Eastern Michigan University
- Improve communication among diverse groups within the Eastern Michigan University community

All Eastern Michigan University employees, university-sponsored alumni and alumni groups, faculty-sponsored students, and university recognized student groups without regard to gender are eligible to apply for awards.

http://www.emich.edu/wip-emu/wip-emu_grants.php

Next Deadline: October 9, 2017

National Institutes of Health, National Institute of Child Health and Human Development, Research on Transgender Health (R21)

Notice seeking applications to research on the health of transgender and gender nonconforming people of all ages, including both youth and adults who are questioning their gender identity and those individuals who are making or who have made a transition from being identified as one gender to the other.

<https://grants.nih.gov/grants/guide/pa-files/PA-17-477.html>

Next Deadline: October 16, 2017

National Endowment for the Arts, Literature Fellowships, Translation Projects

Provides fellowships (\$12,500 or \$25,000) to exceptionally talented, published translators, for the translation of specific works of published prose, poetry, or drama from other languages into English. Encourages translations of writers and of works not well represented in English translation. The work to be translated should be of interest for its literary excellence and value. Priority given to projects that involve work that has not yet been translated into English.

<https://www.arts.gov/grants-individuals/translation-projects>

Next Deadline: December 5, 2017

National Institutes of Health, National Institute on Drug Abuse, Science of Behavior Change: Use-inspired Research to Optimize Adherence, Behavior Change Interventions, and Outcomes (R21)

The overarching mission of the SOBC Program is to implement a mechanisms-focused, experimental medicine

approach to behavior change research. An additional goal is to develop the assays required to implement such an approach. An experimental medicine approach involves four steps: 1) identifying putative intervention targets; 2) developing assays (measures) to permit verification of target engagement; 3) engaging the target through experimentation or intervention; and 4) testing the degree to which target engagement produces the desired behavior change. Putative intervention targets are synonymous with "mechanisms of action" and with processes that are hypothesized to be malleable and to play a causal role in producing behavior change. Behavior change, as defined here, includes the initiation, cessation, modification, and maintenance of behaviors (e.g., diet, exercise, abstinence from substance use, adherence to prevention or treatment protocols) that have broad health implications across a wide range of functional and clinical outcomes and disease conditions. Appropriate adherence to prescriptions, screenings, immunizations, behavioral regimens, and the like, as prescribed by a health professional or as an evidence-based recommendation of an authorized entity, such as the Centers for Disease Control and Prevention or the U.S. Preventive Services Task Force, is a highly-desired health behavior outcome.

<https://grants.nih.gov/grants/guide/rfa-files/RFA-RM-17-028.html>

Next Deadline: Requested letters of intent, November 5, 2017; full proposal December 5, 2017

Statistical Consultation

ORDA welcomes back Dr. Grigoris Argeros (Sociology Anthropology Criminology) and Dr. Kathy Chu (Mathematics) as Faculty Associates for research statistics and Matthew Dick, Graduate Assistant 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.

EMU Human Subjects Review Committee: Cayuse IRB

The EMU Human Subjects Review Committee (UHSRC) is now accepting human subject applications in Cayuse IRB. Instructions for submitting an application are available on the UHSRC website.

<http://www.emich.edu/research/compliance/human-subjects/>

Caryn Charter, Director

Office of Research Development and Administration

Eastern Michigan University

200 Boone Hall

Ypsilanti, Michigan 48197

Tel: [734.487.3090](tel:734.487.3090)