

2017

ORDA Weekly Update, 2017 12 04

Office of Research Development and Administration

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ORDA Weekly Update

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Updated December 4, 2017

MTRAC Program Directors Open Session at EMU

Tuesday, December 12, 9:00am ; Faculty Development Center, Halle Library

Learn about MTRAC Advanced Materials and MTRAC Transportation Technology Hub and Meet Program Managers

Pre-Submissions are now being accepted. Proposal Submission Opens January 2018

***RSVP to Melinda Marion, Technology Transfer Office | mmarion3@emich.edu

NOTE: The scope of projects is very broad and research/technology applications within an industry may qualify for multiple technology hubs. Submissions are generally accepted on an annual schedule.

As part of this program Introduction to Customer Discovery (ICD) Courses are offered throughout the year for “free”. Faculty are not required to attend ICD sessions though they are encouraged too. The university may send one graduate student (recommended two) to go through on behalf of the faculty. Attending an ICD improves the likelihood of an MTRAC award by 3X. Enrollment is now open for January 2018 7-week course.

https://docs.google.com/forms/d/e/1FAIpQLSfHdH4XzbJCI_IUgFuWclA56msbl_-18A95gNtDvFF_JKN_hA/viewform

Visit EMU Technology Transfer Resource Page for links to MTRAC hubs

and upcoming opportunities: <https://www.emich.edu/techtransfer/ier/inventor-entrepreneur.php>

Networking Event

Quantitative Researchers Networking Group Happy Hour

ORDA invites quantitative researchers to a happy hour. Join us and meet your EMU research colleagues.

Please rsvp to jglass5@emich.edu

Wednesday, December 6 (4:00-6:00pm); Tower Inn, 701 West Cross Street

Workshops

Internal Award Proposal Writing Workshops at the Faculty Development Center

Faculty who attend these 2-part workshops have a PROVEN track record for receiving awards, because they get important feedback on how their proposals will be reviewed. On Day 1, a University Research and Sabbatical Leave Committee (URSLC) representative will go over the application requirements and strategies for writing successful proposals. On Day 2, bring your draft proposal, and peers will provide valuable feedback for revising application narratives.

Workshop dates:

DAY 1

E: Wednesday, Nov. 29, 9:00-10:30 AM

F: Tuesday, Jan. 9, 12:30-2:00 PM

G: Thursday, Jan. 18, 3:00-4:30 PM

H: Monday, Jan. 22, 11:00-12:30 PM

DAY 2

AND Wednesday, Dec. 6, 9:00-10:30 AM

AND Tuesday, Jan. 16, 12:30-2:00 PM

AND Thursday, Jan. 25, 3:00-4:30 PM

AND Monday, Jan. 29, 11:00-12:30 PM

<http://www.emich.edu/facdev/events/news/internalawardworkshop.php>

How to Build a Budget Brownbag

This brownbag is for faculty who are considering a funding opportunity and are not sure what can be done with the budget allowed by that opportunity. Join ORDA Pre-Award Officers Christine Kropelnycky and Susan Campbell for an informal and informative session where basic budget items and considerations will be discussed. Bring your lunch and your questions!

Wednesday, December 13 OR Thursday, December 14 (12:30-1:30pm); 200 Boone Hall

Deadlines

National Institute of Standards and Technology, Precision Measurement Grant Program

Notice seeking applications to encourage basic, measurement related research in universities and colleges and other research laboratories and to foster contacts between NIST scientists and those faculty members of academic institutions and other researchers who are actively engaged in such work.

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=298752>

Next Deadline: Abbreviated applications due February 2, 2018 ; Full applications due May 18, 2018

National Institutes of Health, National Institute of Nursing Research, Health Habits: Timing for Developing Sustainable Healthy Behaviors in Children and Adolescents (R01 & R21)

This Funding Opportunity Announcement (FOA), issued by the National Institute of Nursing Research (NINR), is intended to encourage Research Project Grant (R01) applications that employ innovative research to identify mechanisms of influence and/or promote positive sustainable health behavior(s) in children and youth (birth to age 18). Positive health behaviors may include: developing healthy sleep patterns, developing effective self-regulation strategies, adaptive decision-making in risk situations, practicing proper dental hygiene, eating a balanced and nutritious diet, engaging in age-appropriate physical activity and/or participating in healthy relationships. Applications to promote positive health behavior(s) should target social and cultural contexts, including, but not limited to: schools, families, communities, population, food industry, age-appropriate learning tools and games, social media, social networking, technology and mass media. Topics to be addressed in this announcement include: effective, sustainable processes for influencing young people to make healthy behavior choices; identification of the appropriate stage of influence for learning sustainable lifelong health behaviors; the role of technology and new media in promoting healthy behavior; identification of factors that support healthy behavior development in vulnerable populations; and, identification of mechanisms and mediators that are common to the development of a range of habitual health behaviors. Given the many factors involved in developing sustainable health behaviors, applications from multidisciplinary team that include nurse scientists are strongly encouraged. The goal of this FOA is to promote research that identifies and enhances processes that promote sustainable positive behavior or changes social and cultural norms that influence health and future health behaviors.

<https://grants.nih.gov/grants/guide/pa-files/PA-18-355.html>

Next Deadline: February 5, 2018 (R01), February 16, 2018 (R21)

National Institutes of Health, Education and Health: New Frontiers (R01, R03, & R21)

The goal of this funding opportunity announcement is to support research that will further elucidate the pathways involved in the relationship between education and health outcomes and in doing so to carefully identify the specific aspects and qualities of education that are responsible for this relationship and what the mediating factors are that affect the nature of the causal relationship.

<https://grants.nih.gov/grants/guide/pa-files/PAR-18-387.html>

Next Deadline: February 5, 2018 (R01), February 16, 2018 (R03 & R21)

National Institutes of Health, Family-Centered Self-Management of Chronic Conditions (R01 & R21)

Notice seeking research to build the science of family-centered self-management in chronic conditions. Funds support research into the purposeful incorporation of health-related behaviors into an individual's daily functioning within the context of the family, considering friendship networks and community relationships. R21 and R01 funding instruments are both open for applications.

<https://grants.nih.gov/grants/guide/pa-files/PA-18-383.html>

Next Deadline: February 5, 2018 (R01), February 16, 2018 (R21)

National Institutes of Health, Methodology and Measurement in the Behavioral and Social Sciences (R01 &R21)

Notice seeking applications for improving and developing methodology in the behavioral and social sciences through innovations in research design, measurement, data collection and data analysis techniques. Research priorities vary by participating agency. Funds support both exploratory (R21) and large (R01) research projects.

<https://grants.nih.gov/grants/guide/pa-files/PAR-18-352.html>

Next Deadline: February 5, 2018 (R01), February 16, 2018 (R21)

National Science Foundation, Training Based Workforce Development for Advanced Cyberinfrastructure

The overarching goals of this program are to (i) prepare, nurture, and grow the national scientific research workforce for *creating, utilizing, and supporting* advanced cyberinfrastructure (CI) that enables potentially transformative fundamental science and engineering research and contributes to the Nation's overall economic competitiveness and security; (ii) ensure *broad adoption* of CI tools, methods, and resources by the fundamental science and engineering research community to enable new modes of discovery; and (iii) integrate core literacy and discipline-appropriate advanced skills in advanced CI as well as computational and data science and engineering into the Nation's educational *curriculum/instructional material fabric* spanning undergraduate and graduate courses. For the purpose of this solicitation, advanced CI is broadly defined as the set of resources, tools, and services for advanced computation, data handling, networking, and security that collectively enable potentially transformative fundamental research.

<https://www.nsf.gov/pubs/2018/nsf18516>

Next Deadline: February 14, 2018

Department of Defense, Defense Advanced Research Projects Agency, Advanced Plant Technologies

Notice seeking proposals to create the foundations for engineering plant varieties able to receive a variety of stimuli and produce measurable signals as output ("stimulus-response"). The project will rigorously explore the feasibility of using engineered plant varieties as independent biosensors.

<https://www.fbo.gov/index?s=opportunity&mode>

Next Deadline: Optional Abstracts, January 11, 2018 ; Full Proposals, February 21, 2018

National Institutes of Health, Academic Research Enhancement Award (AREA; R15)

The purpose of the Academic Research Enhancement Award (AREA) program is to stimulate research in educational institutions that provide baccalaureate or advanced degrees for a significant number of the Nation's research scientists, but that have not been major recipients of NIH support. AREA grants create opportunities for scientists and institutions otherwise unlikely to participate extensively in NIH research programs to contribute to the Nation's biomedical and behavioral research effort. AREA grants are intended to support small-scale research projects proposed by faculty members of eligible, domestic institutions, to expose undergraduate and/or graduate

students to meritorious research projects, and to strengthen the research environment of the applicant institution.

<https://grants.nih.gov/grants/guide/pa-files/PA-16-200.html>

Next Deadline: February 25, 2018

National Science Foundation, Smart and Connected Communities

Communities in the United States (US) and around the world are entering a new era of transformation in which residents and their surrounding environments are increasingly connected through rapidly-changing intelligent technologies. This transformation offers great promise for improved wellbeing and prosperity, but poses significant challenges at the complex intersection of technology and society. The goal of the NSF Smart and Connected Communities (S&CC) program solicitation is to accelerate the creation of the scientific and engineering foundations that will enable smart and connected communities to bring about new levels of economic opportunity and growth, safety and security, health and wellness, and overall quality of life. This goal will be achieved through integrative research projects that pair advances in technological and social dimensions with meaningful community engagement.

<https://www.nsf.gov/pubs/2018/nsf18520>

Next Deadline: Required Letters of Intent, January 30, 2018, Full Proposal, February 28, 2018

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.

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