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ORDA Weekly Update, 2020.11.02

Office of Research and Development Administration

Office of Research Development and Administration

Events & Deadlines
November 2, 2020
Contact ORDA Early When Planning a Proposal Submission

An early meeting with a pre-award specialist will help make sure you are meeting all of the sponsor requirements AND that you are on schedule to submit materials to ORDA in a timely fashion. Our procedures can be found here on ORDA's website (www.emich.edu/research). An important point to note is that your proposal and related materials must get to ORDA at least 10 business days before the sponsor deadline.

Other than the inability to meet in-person, business continues as usual for us. Please find the following contact information for the ORDA staff. We are reachable by telephone during business hours, Mondays through Fridays from 8:00 a.m. to 5:00 p.m. You may also contact us through email or schedule a time to meet using teleconferencing or video call.

Caryn Charter, Director	7-9175	ccharter@emich.edu
Jennifer Glass, Research Development Officer	7-9212	jglass5@emich.edu
Susan Campbell, Senior Pre-award Officer	7-3092	scampbell@emich.edu
Cindy Monzon, Sponsored Projects Officer	7-3756	cmonzon@mich.edu
Cathy Gable, Sponsored Projects Officer	7-2726	cgable@emich.edu
Brian Moynihan, Post Award Manager	7-2798	bmoynih1@emich.edu
Phyllis Britton, Administrative Secretary	7-3090	pbritto1@emich.edu

Workshops
National Science Foundation, Virtual Grants Conference

Weeks of November 16 and November 30, 2020

This event is designed to give faculty, researchers and administrators key insights into a wide range of current issues at NSF. NSF staff will provide up-to-date information about the proposal and award process, specific funding opportunities and answering attendee questions. Registration will be free of charge and opens on Thursday, October 29 at 12PM EST.

Deadlines
National Science Foundation, Integrative Strategies for Understanding Neural and Cognitive Systems

The complexities of brain and behavior pose fundamental questions in many areas of science and engineering, drawing intense interest across a broad spectrum of disciplinary perspectives while eluding explanation by any one of them. Rapid advances within and across disciplines are leading to an increasingly interwoven fabric of theories, models, empirical methods and findings, and educational approaches, opening new opportunities to understand complex aspects of neural and cognitive systems through integrative multidisciplinary approaches. This program calls for innovative, convergent, boundary-crossing proposals that can best capture those opportunities and map out new research frontiers.

Next Deadline: Required Letters of Intent, December 15, 2020; Full Proposal, February 15, 2021

National Science Foundation, Research on Emerging Technologies for

Teaching and Learning

The purpose of the Research on Emerging Technologies for Teaching and Learning (RETTL) program is to fund exploratory and synergistic research in emerging technologies (to include, but not limited to, artificial intelligence (AI), robotics, and immersive or augmenting technologies) for teaching and learning in the future. The program accepts proposals that focus on learning, teaching, or a combination of both. The scope of the program is broad, with special interest in diverse learner/educator populations, contexts, and content, including teaching and learning in science, technology, engineering, and mathematics (STEM) and in foundational areas that enable STEM (e.g., self-regulation, literacy, communication, collaboration, creativity, and socio-emotional skills). Research in this program should be informed by the convergence (synthesis) of multiple disciplines: e.g., learning sciences; discipline-based education research; computer and information science and engineering; design; and cognitive, behavioral, and social sciences. Within this broad scope, the program also encourages projects that investigate teaching and learning related to futuristic and highly technological work environments.

Next Deadline: January 25, 2021

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

DMREF is the primary program by which NSF participates in the Materials Genome Initiative (MGI) for Global Competitiveness. MGI recognizes the importance of materials science and engineering to the well-being and advancement of society and aims to "deploy advanced materials at least twice as fast as possible today, at a fraction of the cost." MGI integrates materials discovery, development, property optimization, and systems design with a shared computational framework. This framework facilitates collaboration and coordination of research activities, analytical tools, experimental results, and critical evaluation in pursuit of the MGI goals. Consistent with the MGI Strategic Plan, DMREF highlights four sets of goals:

Leading a culture shift in materials science and engineering research to encourage and facilitate an integrated team approach;integrating experimentation, computation, data-intensive/-driven approaches, and theory, and equipping the materials science and engineering communities with advanced tools and techniques;making digital data findable, accessible, interoperable, and reusable, and useful to the community; andcreating a world-class materials science and engineering workforce that is trained for careers in academia or industry.https://www.nsf.gov/pubs/2021/nsf21522/nsf21522.htm

Next Deadline: January 25, 2021

National Science Foundation, Addressing Systems Challenges through Engineering Teams

The Electrical, Communications and Cyber Systems (ECCS) Division supports enabling and transformative research that fuels progress in engineering applications with high societal impacts. ECCS programs encompass novel electronic, photonic, and magnetic devices; communication systems, novel integrated circuits, antennas, sensors; machine learning, control, and networks, to name a few. The fundamental research supported by ECCS impacts a wide range of applications such as communications, energy and power, healthcare, environment, transportation, manufacturing, and other areas. ECCS strongly emphasizes the integration of education into its research programs to support the preparation of a diverse and professionally skilled workforce. ECCS also strengthens its programs through links to other areas of engineering, science, industry, government, and international collaborations.

Next Deadline: Required Preliminary Proposal, January 25, 2021; Full Proposal, May 3, 2021

National Science Foundation, Mid-Career Advancement

An academic career often does not provide the uninterrupted stretches of time necessary for acquiring and building new skills to enhance and advance one's research program. Mid-career scientists in particular are at a critical career stage where they need to advance their research programs to ensure long-term productivity and creativity but are often constrained by service, teaching, or other activities that limit the amount of time devoted to research. The MCA offers an opportunity for scientists and engineers at the Associate Professor rank (or equivalent) to substantively enhance and advance their research program through synergistic and mutually beneficial partnerships, typically at an institution other than their home institution. Projects that envision new insights on existing problems or identify new but related problems previously inaccessible without new methodology or expertise from other fields are encouraged. Partners from outside the PI's own sub-discipline or discipline are encouraged, but not required, to enhance interdisciplinary networking and convergence across science and engineering fields.

Next Deadline: February 01, 2021

ORDA on Social Media!

- Like us on Facebook or Twitter for daily updates
- Facebook: https://www.facebook.com/emuord/
- Twitter: https://twitter.com/EMUORD @EMUORD