

Eastern Michigan University

**DigitalCommons@EMU**

---

ORDA Weekly Update

Office of Research Development and  
Administration

---

1-4-2021

## **ORDA Weekly Update, 2021.01.04**

Office of Research Development Administration

Follow this and additional works at: [https://commons.emich.edu/orda\\_update](https://commons.emich.edu/orda_update)

---

# ORDA Weekly Update - Research

---

[E emich.edu/research/publications/weeklyupdate.php](http://emich.edu/research/publications/weeklyupdate.php)



200 Boone

Phone: 734.487.3090

[orda\\_dept@emich.edu](mailto:orda_dept@emich.edu)

EMU  
Research

## Office of Research Development and Administration

---

### Events & Deadlines

---

January 4, 2021

---

### Request for Information

---

## National Science Foundation, Interdisciplinary Frontiers of Understanding the Brain

---

Exciting new opportunities at the interface of neuroscience and other science and engineering disciplines, catalyzed by transformative new discoveries and technologies, are poised to reshape brain research and its applications. Advances at these interdisciplinary frontiers depend on dialog across many areas of scholarship, including behavioral, biological, cognitive, computing, educational, engineering, mathematical, and physical sciences research, as well as fields and subfields that have not traditionally been linked to neuroscience. The National Science Foundation seeks community input that illuminates these interdisciplinary opportunities, from theory to applications, and points to how they might best be realized. This Request for

Information (RFI) invites input to NSF on specific questions. Responses to this RFI will inform future NSF investments that address the opportunities identified. Individual researchers, collaborating groups or networks, and organizations are all welcome to respond.

Respond by March 31, 2021

## Deadlines

---

### National Institutes of Health, Music and Health, Understanding and Developing Music Medicine

---

This PAR proposes to advance basic and/or applied research demonstrating the novel benefits of music on improving health. It utilizes a special annual review panel. All proposed projects should have the potential to enhance human health and well-being in healthy individuals and/or improve the health of individuals with many relevant diseases and disorders. All proposed projects must be within the mission and interests of the participating institutes, offices and agencies. Applications using animal models and/or human subjects are both within the scope of this PAR. Applications that propose multidisciplinary research and collaborative studies involving musicians, music therapists, biomedical, behavioral, and/or social scientists are encouraged. All projects should be rigorously designed, reproducible and within the mission of the participating institutes, centers and offices.

Next Deadline: R01, February 5, 2021; R21, February 16, 2021

### National Science Foundation, Dear Colleague Letter, Advancing Quantum Education and Workforce Development

---

We are on the cusp of a new quantum revolution that will require the nation to engage a well-prepared workforce. NSF has been funding quantum research and education since the 1980s, providing support for thousands of graduate students, post-docs, and early-career researchers. Now NSF intends to go even further by supporting projects to educate students in QISE, starting at the K-12 level and spanning informal and formal educational settings. NSF expects that these projects will not only help students develop the interest and flexible thinking needed to understand QISE, but also lead to improvements in educational practices that would have broad benefits across the country. Through such efforts in QISE education and workforce development, the United States can improve its industrial base, create and fill new jobs, and provide economic and national security benefits. To improve QISE education, NSF is accepting proposals to conduct education-related research and development to prepare a diverse QISE workforce. The Directorate for Education and Human Resources (EHR) encourages the education research community to respond to this challenge through existing funding opportunities in EHR listed at the end of this DCL. Note that these proposals must meet all of the requirements of the corresponding funding program solicitations, including applicable deadlines and budget guidelines.

Deadlines depend on funding opportunity

## National Science Foundation, Conferences and Workshops in the Mathematical Sciences

---

The Division of Mathematical Sciences (DMS) has long supported conferences, workshops, and related activities. Examples of related activities include longer-term or larger-scale events such as multi-institutional regional meetings, summer or winter schools, and international travel by groups of mathematical scientists. Conferences, workshops, and related activities provide opportunities to disseminate scholarly work widely, to reveal and plan new directions for research, and to engage and encourage students and junior scientists early in their careers, all of which help deepen connections among the mathematical sciences community. DMS particularly welcomes proposals for activities that can increase the number of mathematical scientists who participate in NSF-supported activities.

Next Deadline: Proposals accepted at anytime

## National Science Foundation, Molecular Foundations for Biotechnology

---

This solicitation will support teams of researchers conducting chemistry-led, synergistic collaborative studies in the area of small molecule-protein interactions that are potentially foundations of new biotechnology. Chemistry lies at the heart of many of the challenges confronting burgeoning biotechnology industries, and yet meeting those challenges requires varied expertise, as well as the perspective to facilitate translation of solutions into the Industries of the Future. The specific focus areas for this solicitation are described in the Program Description.

Next Deadline: Required Letter of Intent, January 14, 2021; Full Proposal, March 16, 2021

## National Institutes of Health, Standard Due Dates

---

- R01: New, February 5, 2021
- R01: Renewal, Revision, Resubmission, March 5, 2021
- R15: New, Renewal, Revision, Resubmission, February 25 2021
- R03 & R21: New, February 16, 2021
- R03 & R21: Renewal, Revision, Resubmission, March 16, 2021

## National Science Foundation, Enabling Discovery through Genomics

---

Through the Enabling Discovery through Genomics (EDGE) program, the National Science Foundation (NSF) and the National Institutes for Health (NIH) support research to advance understanding of comparative and functional genomics. The EDGE program supports the development of innovative tools, technologies, resources, and infrastructure that advance biological research focused on the identification of the causal mechanisms connecting genes

and phenotypes. The EDGE program also supports functional genomic research that addresses the mechanistic basis of complex traits in diverse organisms within the context (environmental, developmental, social, and/or genomic) in which they function. These goals are essential to uncovering the rules that underlie genomes-to-phenomes relationships and predict phenotype, an area relevant to Understanding the Rules of Life: Predicting Phenotype, one of the 10 Big Ideas for NSF investment. The goals also support the NHGRI priority to establish the roles and relationships of all genes and regulatory elements in pathways, networks, and phenotypes.

Next Deadline, March 16, 2021

## National Science Foundation, Integrative Research in Biology

---

This solicitation invites submission of collaborative proposals that tackle bold questions in biology and require an integrated approach to make substantive progress. Integrative biological research spans subdisciplines and incorporates cutting-edge methods, tools, and concepts from each to produce groundbreaking biological discovery. The research should be synergistic and produce novel, holistic understanding of how biological systems function and interact across different scales of organization, e.g., from molecules to cells, tissues to organisms, species to ecosystems and the entire Earth. Such knowledge is critical to inform solutions to societal challenges, including natural resource management, resilience to environmental change, and global food security. Outcomes from integrative research will also inform and guide the development of new technologies that drive the nation's bioeconomy.

Next Deadline: March 16, 2021

## NSF Events

---

View upcoming NSF events here.

## 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](http://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](mailto:ccharter@emich.edu)

---

---

Jennifer Glass, Research Development Officer	7-9212	<a href="mailto:jglass5@emich.edu">jglass5@emich.edu</a>
Susan Campbell, Senior Pre-award Officer	7-3092	<a href="mailto:scampbell@emich.edu">scampbell@emich.edu</a>
Cindy Monzon, Sponsored Projects Officer	7-3756	<a href="mailto:cmonzon@mich.edu">cmonzon@mich.edu</a>
Cathy Gable, Sponsored Projects Officer	7-2726	<a href="mailto:cgable@emich.edu">cgable@emich.edu</a>
Brian Moynihan, Post Award Manager	7-2798	<a href="mailto:bmoynih1@emich.edu">bmoynih1@emich.edu</a>
Phyllis Britton, Administrative Secretary	7-3090	<a href="mailto:pbritto1@emich.edu">pbritto1@emich.edu</a>

---

## **ORDA on Social Media!**

---