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ORDA Weekly Update

Office of Research Development and  
Administration

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10-12-2020

## ORDA Weekly Update, 2020.10.12

Office of Research and Development Administration

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# Office of Research Development and Administration

## Events & Deadlines

**October 12, 2020**

### Workshops

Introduction to R, Part 1

October 29, Noon-1pm

R is a very popular computing and graphing tool for exploring data. It allows users to document their thoughts of the data analysis and make it easier to reproduce or update the analysis. R is free and can be downloaded on any operating system. This workshop will give a hands-on introduction to R. We'll work through a few examples that demonstrate the use of R for various types of data manipulation, graphical presentation and basic statistical analysis.

[Click here](#) for Zoom link and other workshops.

### Internal Deadlines

Summer Research/Creative Activity Award

The Summer Research/Creative Activity Award (SRA) is intended to encourage and support the research, creative, artistic, and scholarly endeavors of full-time tenured or tenure-track EMU faculty during the summer months (May-August) by providing stipends of \$12,000 for outstanding proposals in lieu of summer teaching assignments.

Next Deadline: November 2, 2020

### Deadlines

National Science Foundation, Emerging Frontiers in Research and Innovation

The Emerging Frontiers in Research and Innovation (EFRI) program of the NSF Directorate for Engineering (ENG) serves a critical role in helping ENG focus on important emerging areas in a timely manner. This solicitation is a funding opportunity for interdisciplinary teams of researchers to embark on rapidly advancing frontiers of fundamental engineering research. For this solicitation, we will consider proposals that aim to investigate emerging frontiers in one of the following two research areas:

- **Distributed Chemical Manufacturing (DCheM)**
- **Engineering the Elimination of End-of-Life Plastics (E3P)**

This solicitation will be coordinated with the Directorate for Biological Sciences, the Directorate for Mathematical and Physical Sciences and the Directorate for Social, Behavioral and Economic Sciences.

Next Deadline: LOI December 9, 2020; Pre-proposal January 5, 2021; Full Proposal April 19, 2021

National Science Foundation, Division of Integrative Organismal Systems Core Programs

The Division of Integrative Organismal Systems (IOS) Core Programs support research aimed at understanding why organisms are structured the way they are and function as they do. Proposals are welcomed in all of the core scientific program areas supported by the Division of Integrative Organismal Systems (IOS). Areas of inquiry include, but are not limited to, developmental biology and the evolution of developmental processes, nervous system development, structure, modification,

function, and evolution; biomechanics and functional morphology, physiological processes, symbioses and microbial interactions, interactions of organisms with biotic and abiotic environments, plant and animal genomics, and animal behavior. Proposals should focus on organisms as a fundamental unit of biological organization. Principal Investigators are encouraged to apply systems approaches that will lead to conceptual and theoretical insights and predictions about emergent organismal properties.

Next Deadline: Proposals accepted at any time

### National Science Foundation, Infrastructure Innovation for Biological Research

The Infrastructure Innovation for Biological Research Program (Innovation) supports research to design novel or greatly improved research tools and methods that advance contemporary biology in any research area supported by the Directorate for Biological Sciences at NSF. The Innovation Program focuses on research infrastructure that is broadly applicable to researchers in three programmatic areas: Bioinformatics, Instrumentation, and Research Methods. Infrastructure supported by this program is expected to advance biological understanding by improving scientists' abilities to manipulate, control, analyze, or measure critical aspects of biological systems, which can be essential for addressing important fundamental research questions. Proposals submitted to these programmatic areas can do one of three things to advance or transform research in biology: develop novel infrastructure, significantly redesign existing infrastructure, or adapt existing infrastructure in novel ways. Projects are expected to have a significant application to one or more biological science questions and have the potential to be used by a community of researchers beyond a single research team.

Next Deadline: Proposals accepted at any time

### National Science Foundation, Dear Colleague Letter: Future of International Research Collaboration Post COVID-19

This letter invites Rapid Response Research (RAPID) and Early-concept Grants for Exploratory Research (EAGER) proposals for research to clarify lessons from the COVID-19 pandemic for international collaboration and research to strengthen international collaboration in the future. Proposals must focus on research topics unique to international engagement. Proposals should be submitted by institutions eligible to submit proposals to NSF and must include international collaboration as an integral part of the work. NSF encourages proposals from diverse teams. Proposals from early career investigators are especially welcome.

Next Deadline: March 31, 2021, or until funds are fully obligated.

### **It Won't Make a Difference to You When ORDA Works Remotely !**

Returning for Fall Semester looks very different this year, and while our office continues to work remotely, we want to assure you that we are accessible and reachable.

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	<a href="mailto:ccharter@emich.edu">ccharter@emich.edu</a>
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

[cgable@emich.edu](mailto:cgable@emich.edu)

Brian Moynihan, Post Award Manager 7-2798

[bmoynih1@emich.edu](mailto:bmoynih1@emich.edu)

Phyllis Britton, Administrative Secretary 7-3090

[pbritto1@emich.edu](mailto:pbritto1@emich.edu)

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