

8-17-2020

## **ORDA Weekly Update, 2020.08.17**

Office of Research and Development Administration

# Office of Research Development and Administration

## Events & Deadlines

### August 17, 2020

#### Internal Deadlines

#### **James H. Brickley Endowment for Faculty Professional Development and Innovation**

The purpose of the James H. Brickley Award is to facilitate faculty professional development and innovation through a broad range of activities, including but not limited to, things such as:

- Reassigned time from teaching for scholarly, creative and innovative endeavor
- Conference presentations
- Travel
- Hiring of research assistants
- Purchase of special equipment or supplies for teaching, scholarly, research, creative, or innovative activities
- Development of a grant proposal for external funding
- Similar or related academic activities

Special emphasis is given to innovation, such as the application of newer techniques and technologies for creating mental health programs for immigrants, providing special workshops for parents with autistic children, or working with students, parents, teachers, and community leaders in addressing drug addiction.

- Ordinarily, the awards will be kept small so that more faculty members can benefit.
- Newer and untenured faculty members are encouraged especially to apply to this program.
- All applicants are encouraged also to seek matching funds from other internal and external sources.

Next Deadline: October 1, 2020

#### **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.

<https://www.emich.edu/research/development/funding/summerresearch.php>

Next Deadline: November 2, 2020

#### **Deadlines**

#### **National Science Foundation, Cyberinfrastructure for Sustained Scientific Innovation**

The Cyberinfrastructure for Sustained Scientific Innovation (CSSI) umbrella program seeks to enable funding opportunities that are flexible and responsive to the evolving and emerging needs in cyberinfrastructure (CI). This program continues the CSSI program by removing the distinction

between software and data elements/framework implementations, and instead emphasizing integrated CI services, quantitative metrics with targets for delivery and usage of these services, and community creation. The CSSI umbrella program anticipates two classes of awards:

**Elements:** These awards target small groups that will create and deploy robust services for which there is a demonstrated need, and that will advance one or more significant areas of science and engineering.  
**Framework Implementations:** These awards target larger, interdisciplinary teams organized around the development and application of services aimed at solving common research problems faced by NSF researchers in one or more areas of science and engineering, and resulting in a sustainable community framework providing CI services to a diverse community or communities.

Next Deadline: October 28, 2020

## **National Science Foundation, Computer and Information Science and Engineering Research Initiation Initiative**

The NSF Directorate for Computer and Information Science and Engineering (CISE) seeks to award grants intended to support research independence among early-career academicians who specifically lack access to adequate organizational or other resources. It is expected that funds obtained through this program will be used to support untenured faculty or research scientists (or equivalent) in their first three years in a primary academic position after the PhD, but not more than five years after completion of their PhD. Applicants for this program may not yet have received any other grants or contracts in the PI role from any department, agency, or institution of the federal government, including from the CAREER program or any other program, post-PhD, regardless of the size of the grant or contract, with certain exceptions as noted below. Serving as co-PI, Senior Personnel, Postdoctoral Fellow, or other Fellow does not count against this eligibility rule. Importantly, the CRII program seeks to provide essential resources to enable early-career PIs to launch their research careers. For the purposes of this program, CISE defines “essential resources” as sufficient funds for 48 months of graduate student support. Faculty at undergraduate and two-year institutions may use funds to support undergraduate students, and may optionally use the additional RUI designation. In addition, submissions from all institutions may use funds for PI salary, postdoctoral scholars, travel, and/or research equipment.

Next Deadline, November 02, 2020

## **National Science Foundation, NSF/VMware Partnership on the Next Generation of Sustainable Digital Infrastructure**

The goal of this joint solicitation between NSF and VMware is to foster novel, transformative research in fundamental and systematic approaches that bring dramatic increases in the environmental sustainability of the Digital Infrastructure leading to practical methodologies and tools. The Digital Infrastructure is broadly defined as the totality of software, hardware, and the methods for managing them for the purpose of efficient computation. This research includes, but is not limited to, computer software and systems; management of distributed software, the Digital Infrastructure, and data center power sourcing; and resource allocation and scheduling. Critical to initiating such research is to set its objectives through the definition of novel metrics and benchmarks that capture the sustainability challenges of all components in the entire computation chain. The program also aims to support a research community committed to advancing research and education at the confluence of management technologies for software, hardware and power for Sustainable Digital Infrastructure, and to transition research findings into practice. A new generation of innovation would build on many recent advances such as passive and active measurements, statistical analysis and inference, learning for automated control and complex optimization, workload isolation and management, agile development, convergence of development and production environments, and architecture-optimized language translation.

Next Deadline: November 4, 2020

## **ORDA Request for Information**

ORDA is interested in sharing news about your research, scholarly, and creative activity with the University community, and beyond.

- Are you serving as an editor of a scholarly journal? Let us know!
- Have your students won a poster presentation at a regional conference? Let us know!
- Have you recently created and produced an original performance, or had an exhibition of your work? Let us know!
- Did you recently publish a book or article? Let us know!
- Did you receive a Fulbright-Hays, or other fellowship? Please tell us about it!

The link below will take you to an e-form that provides an easy way to communicate this exciting news. This will help us identify activities that can be promoted both internally and externally.

ORDA Google Form

## **National Institutes of Health “Open Mike” Article on Applications Submitted during the Pandemic ORDA on Social Media!**

- Like us on Facebook or Twitter for daily updates
- Facebook: <https://www.facebook.com/emuord/>
- Twitter: [@EMUORD](https://twitter.com/EMUORD)