

**Sent:** Monday, November 20, 2017 2:49 PM  
**To:** NDSU-EMPLOYEE-OFFICIAL@LISTSERV.NODAK.EDU  
**Subject:** RCA Update - November 20, 2017 Edition



### **Welcome to the Research and Creative Activity Update!**

The Office of Research and Creative Activity (RCA) sends weekly emails to NDSU faculty and staff to provide current information on various topics including funding opportunities, grant program changes, research resources, deadlines, notices, and training.

These weekly email updates are archived on the [RCA Website](#).

### **FUNDING OPPORTUNITIES**

- [AFAR Research Grants for Junior Faculty](#)
- [NSF Improving Undergraduate STEM Education: Education and Human Resources \(IUSE: EHR\)](#)
- [Center for Computationally Assisted Science and Technology \(CCAST\) – Request for Proposals](#)

### **NOTICES**

- [NDSU CCAST Accepted into XSEDE Federation](#)
- [NIH Office of Science Policy Offers a Suite of Resources for Stakeholder Engagement](#)
- [Updated Information – Advanced Spending](#)
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### **EVENTS**

- [Gear up for Grants: Using Pivot for Customized Grant Searches and Your Expertise Profile](#)
- [Proposal and Award Management Session #9](#)

### **AFAR Research Grants for Junior Faculty**

[AFAR](#), the American Federation for Aging Research, provides up to \$100,000 for a one- to two-year award to junior faculty (M.D.s and Ph.D.s) to conduct research that will serve as the basis for longer term research efforts. AFAR supports research projects concerned with understanding the basic mechanisms of aging. AFAR-supported investigators study a broad range of biomedical and clinical topics. The major goal of this program is to assist in the development of the careers of junior investigators committed to pursuing careers in the field of aging research. Since 1981, over 700 AFAR Research Grants for Junior Faculty have been awarded.

*The deadline for Letters of Intent is December 15, 2017. The Letters of Intent will be reviewed by a committee. Applicants will be notified by mid-February, and a subset of applicants will be invited to submit a full application by late-March.*



### **NSF Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR)**

The [IUSE: EHR program](#) has just been announced under a new program solicitation ([NSF 17-590](#)). The fields of science, technology, engineering, and mathematics (STEM) hold much promise as sectors of the economy where we can expect to see continuous vigorous growth in the coming decades. STEM job creation is expected to outpace non-STEM job creation significantly, according to the Commerce Department, reflecting the importance of STEM

knowledge to the US economy. The IUSE: EHR program is a core NSF undergraduate STEM education program that seeks to improve the effectiveness of undergraduate STEM education for both majors and non-majors. NSF places high value on educating students to be leaders and innovators in emerging and rapidly changing STEM fields as well as educating a scientifically literate populace. In pursuit of this goal, IUSE: EHR supports projects that have the potential to improve student learning in STEM through development of new curricular materials and methods of instruction and development of new assessment tools to measure student learning. In addition to innovative work at the frontier of STEM education, this program also encourages replications of research studies at different types of institutions and with different student bodies to produce deeper knowledge about the effectiveness and transferability of findings. IUSE: EHR also seeks to support projects that have high potential for broader societal impacts, including improved diversity of students and instructors participating in STEM education, professional development for instructors to ensure adoption of new and effective pedagogical techniques that meet the changing needs of students, and projects that promote institutional partnerships for collaborative research and development.

*Application deadlines: December 12, 2017, for Development and Implementation Tier for Engaged Student Learning & Institution and Community Transformation.*

*Submission Window: October 01, 2017 - October 01, 2018, for Exploration and Design Tier for Engaged Student Learning & Institution and Community Transformation.*

- There are no single date deadlines for Exploration and Design proposals, which may be submitted at any time from October 1, 2017, onward. Please note that proposals received after May 1 in any year will be held over to the subsequent financial year for possible award (for example awards will be made in FY 19 for proposals received after May 1, 2018).
- The deadline for Development and Implementation proposals has been moved from January to December of the prior calendar year.
- There is an increased emphasis on demonstrating effectiveness of validated practices in a variety of settings and supporting data science preparation in all STEM disciplines.



### **Center for Computationally Assisted Science and Technology (CCAST) – Request for Proposals**

Research proposals for energy related work that makes good use of NDSU's upgraded computational facilities are being requested, with funding coming from a Department of Energy grant. It is anticipated that three to five awards of up to \$50,000 each will be made. The funding available is approximately \$200,000.

The deadline is noon on Monday, December 4, 2017. Proposal requirements and contact information for any questions are detailed in the [Request for Proposals](#).



### **NDSU CCAST Accepted into XSEDE Federation**

On November 10, 2017, NDSU's Center for Computationally Assisted Science and Technology (CCAST) became a member of the XSEDE Federation as a Tier 3 Service Provider. The [Extreme Science and Engineering Discovery Environment \(XSEDE\)](#) is the pre-eminent US consortium for research capability computing funded by the National Science Foundation. This membership will allow greater access to XSEDE resources and training for both NDSU researchers and staff. We look forward to working with our colleagues in this flagship national federation of research computing providers. Further information on CCAST, XSEDE and XSEDE Service Providers can be found at [www.ccast.ndsu.edu](http://www.ccast.ndsu.edu).



### **NIH Office of Science Policy Offers a Suite of Resources for Stakeholder Engagement**

The NIH Office of Science Policy (OSP) offers a number of communication resources aimed at increasing and strengthening stakeholder engagement. By utilizing the resources listed below, stakeholders can be assured they have the most up-to-date information about OSP activities.

- OSP website: <https://osp.od.nih.gov/>

- Under the Poliscopes blog: <https://osp.od.nih.gov/blog/>
- Follow us on Twitter: <https://twitter.com/cwolinetznih>
- Follow us on LinkedIn: <https://www.linkedin.com/company/27097775/>
- OSP YouTube: <https://www.youtube.com/channel/UCILO4iMAvv2LIQDdAqLs1Q>
- Wikipedia: [https://en.wikipedia.org/wiki/National\\_Institutes\\_of\\_Health\\_Office\\_of\\_Science\\_Policy](https://en.wikipedia.org/wiki/National_Institutes_of_Health_Office_of_Science_Policy)

For questions about any of the above resources, please contact the NIH Office of Science Policy at [SciencePolicy@od.nih.gov](mailto:SciencePolicy@od.nih.gov).



## Updated Information – Advanced Spending

Updates have been made to the Sponsored Programs Administration page for [Pre-Award Administration](#) regarding Advanced Spending (formerly known as Pre-Award Spending). Sponsored Programs will review all advanced spending requests and forward approved requests to Grant and Contract Accounting. Approval is contingent on meeting advanced spending criteria as well as satisfactory completion of applicable [compliance](#) requirements (IACUC, IRB, IBC, FCOI and COI).



## Proposal and Award Management Session Materials Available

The eighth in a series of **Proposal and Award Management Sessions** was held on November 16, 2017. The topic for this session was Cost Sharing, Effort Reporting, Recharge Centers, and Service Centers. Slides, handouts, and a recording of the presentation are available on the [Sponsored Programs Training](#) website.



## Gear up for Grants: Using PIVOT for Customized Grant Searches and Your Expertise Profile

NDSU subscribes to Pivot, an online database that provides several useful resources: (1) customized grant searches with email alerts, and (2) a massive inventory of faculty expertise profiles. Pivot is user friendly and free to faculty, staff, and students. Come find out how to receive useful grant email alerts and how to manage your own expertise profile in Pivot. This workshop will be held in a computer cluster to allow attendees to practice while Pivot is being demonstrated on the big screen.

### Gear up for Grants: Using PIVOT for Customized Grant Searches and Your Expertise Profile

*Presented by Kay Sizer, NDSU Research Development*

Wednesday, December 6, 2017 | 3:00 p.m. – 4:30 p.m. | A. Glenn Hill Center, Room 240

[Register Now!](#)



## Proposal and Award Management Session #9

The next session in the Proposal and Award Management series will be held on **Thursday, December 7 from 11:00 – 11:45 a.m. in the Quentin Burdick Building (QBB), Room 422**. The topic area for this meeting is Grants.gov Workspace. Prior to the session, please [register in grants.gov](#) under the “Register as an Organization Applicant” tab. This session will review the Grants.gov Workspace application site which will replace the Legacy Grants.gov application package after December 31, 2017. It is recommended that you bring your laptop and your log-in information to the session.

These sessions are being offered monthly by Sponsored Programs Administration (SPA) and Grant & Contract Accounting (GCA). These sessions will provide information and training on topics that are relevant to various aspects of proposal submission and award management. Anyone that participates in any way or has an interest in proposal or budget development, routing and submission of proposals, processing or approving expenditures on awards (allowable costs, payroll, equipment, materials, etc.), overall award management, award compliance, locating funding

opportunities or electronic research administration is encouraged to attend. These sessions are open to all faculty, researchers, and staff. Materials from the sessions are available on the [Sponsored Programs Training](#) website.

The QBB room is enabled with videoconferencing (IVN), so if you need to participate via IVN, please contact Faye Klein in SPA (231-8045 or [faye.klein@ndsu.edu](mailto:faye.klein@ndsu.edu).) IVN participants will need to reserve their site and let Faye know so that SPA can set up for each requesting site. SPA will need the room name and the IP address no later than 10:00 a.m. the day prior to the session. Participants who cannot attend in person or via IVN may be able to connect in two other ways:

1. directly from their laptop or desktop computer using a specific software application, or
2. via an audio connection that can be added to the IVN event.

Participants via personal computer or audio-only will want to contact Faye as soon as possible to ensure adequate time for connections, configuration and testing.

Note: Although Sessions are scheduled to be completed within 45 minutes, SPA and GCA representatives will be available for at least 15 minutes after each Session in order to answer any additional questions that participants may have.



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