

**Sent:** Monday, December 04, 2017 3:01 PM  
**To:** NDSU-EMPLOYEE-OFFICIAL@LISTSERV.NODAK.EDU  
**Subject:** RCA Update - December 4, 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**

- [Limited Submission Program: NSF Partnership for Innovation](#)
- [Limited Submission Program: DOE Energy Frontier Research Centers](#)
- [Limited Submission Program: NSF Innovation Corps – National Innovation Network Nodes \(I-CORPS Nodes\)](#)
- [Camille and Henry Dreyfus Foundation: Teacher Scholar Awards Program](#)
- [DOD/USAMRMC: Accelerating Innovation in Military Medicine \(AIMM\)](#)

### **NOTICES**

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- [Communications Manager Joins RCA Staff](#)
- [NDSU Incubator Celebrates 10<sup>th</sup> Anniversary](#)

### **EVENTS**

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- [Forums on Research and Creative Activity](#)
- [Gear up for Grants: Using PIVOT for Customized Grant Searches and Your Expertise Profile](#)

### **Limited Submission Program: NSF Partnerships for Innovation**

[Limited submission grant programs](#) are those that indicate a limit on the number of proposals that may be submitted by an institution for a particular deadline. A selection process becomes necessary if more applicants express interest in applying than NDSU is allowed to submit to the grant program.

#### **[NSF Partnerships for Innovation \(NSF 18-511\): Notify RCA by 12/15/2017, 5 p.m.](#)**

The NSF Partnerships for Innovation (PFI) Program within the Division of Industrial Innovation and Partnerships (IIP) offers researchers the opportunity to transform new knowledge into societal benefits through translational research and technology development efforts which catalyze partnerships to accelerate innovations that address significant societal needs. The PFI Program has six broad goals: (1) identifying and supporting Foundation-sponsored research and technologies that have the potential for accelerated commercialization; (2) supporting prior or current Foundation-sponsored researchers, institutions of higher education, and non-profit organizations that partner with an institution of higher education to undertake proof-of-concept work, including the development of technology prototypes that are derived from NSF-funded research and have potential market value; (3) promoting sustainable partnerships between Foundation-funded institutions, industry, and other organizations within academia and the private sector with the purpose of accelerating the transfer of technology; (4) developing multi-disciplinary innovation

ecosystems which involve and are responsive to the specific needs of academia and industry; (5) catalyzing professional development activities, mentoring, and best practices in entrepreneurship and technology translation for faculty, students and researchers; and (6) expanding the participation of women and individuals from underrepresented groups in innovation, technology translation, and entrepreneurship.

*NSF Full Proposal Deadline: February 1, 2018.*



### **Limited Submission Program: DOE Energy Frontier Research Centers**

**Limited submission grant programs** are those that indicate a limit on the number of proposals that may be submitted by an institution for a particular deadline. A selection process becomes necessary if more applicants express interest in applying than NDSU is allowed to submit to the grant program.

#### **DOE Energy Frontier Research Centers: Notify RCA by 12/15/2017, 5 p.m.**

The **EFRC program**, initiated in 2009, brings together the skills, talents, and expertise of teams of scientists to perform energy relevant, basic research with a scope and complexity beyond what is possible in standard single-investigator or small-group awards. These multi-investigator, multi-disciplinary centers enable, encourage, and accelerate transformative scientific advances for the most challenging topics in materials sciences, chemical sciences, geosciences, and biosciences. EFRCs conduct fundamental research focused on one or more “grand challenges,” “transformative opportunities,” and “basic research needs” identified in major strategic planning efforts by DOE Basic Energy Sciences (BES) and the scientific community.

*DOE Pre-application Deadline: January 31, 2018. DOE Full Proposal Deadline: April 11, 2018.*



### **Limited Submission Program: NSF Innovation Corps – National Innovation Network Nodes (I-CORPS Nodes)**

**Limited submission grant programs** are those that indicate a limit on the number of proposals that may be submitted by an institution for a particular deadline. A selection process becomes necessary if more applicants express interest in applying than NDSU is allowed to submit to the grant program.

#### **NSF I-CORPS Nodes (NSF 17-533): Notify RCA by 12/15/2017, 5 p.m.**

The National Science Foundation (NSF) seeks to further develop and nurture a national innovation ecosystem that builds upon fundamental research to guide the output of scientific discoveries closer to the development of technologies, products, processes and services that benefit society. The goal of the program is to dramatically reduce the period of time necessary to bring a promising idea from its inception to widespread implementation. I-Corps Nodes will foster understanding on how to: 1) identify, develop and support promising ideas that can generate value, 2) create and implement tools, resources and training activities that enhance our nation's innovation capacity, 3) gather, analyze, evaluate and utilize the data and insight resulting from the experiences of those participating in regional programs and 4) share and leverage effective innovation practices on a national scale - to improve the quality of life for the U.S. citizenry. In addition, Nodes must identify and are expected to implement plans for sustainable scaling of their efforts beyond the duration of NSF support.

*NSF Letter of Intent Deadline: February 8, 2018. NSF Full Proposal Deadline: March 13, 2018.*



### **Camille and Henry Dreyfus Foundation: Teacher-Scholar Awards Program**

The **Teacher-Scholar Awards Program** supports the research and teaching careers of talented young faculty in the chemical sciences in departments that grant a doctoral degree. Based on institutional nominations, the program provides discretionary funding to faculty at an early stage in their careers. Criteria for selection include an independent body of scholarship attained early in their independent careers, and a demonstrated commitment to education, signaling the promise of continuing outstanding contributions to both research and teaching.

*Application deadline: February 8, 2018.*



## **DOD/USAMRMC: Accelerating Innovation in Military Medicine (AIMM)**

The U.S. Army Medical Research and Materiel Command's (USAMRMC) mission is to responsibly and responsibly create, develop, deliver, and sustain medical capabilities for the Warfighter. The [AIMM initiative](#) was created to accelerate transformational biomedical research for our Armed Forces and Nation. The mission of the AIMM initiative is to encourage, identify, and enable innovative research that leads to cross-cutting solutions to military health threats. The AIMM initiative supports risk-taking research and exploration of new ideas. The AIMM Research Award is intended to support highly creative and conceptually innovative high-risk research with the potential to accelerate critical discoveries or major advancements that will significantly impact military health and medicine. *Applications using synthetic or systems biology-based approaches are highly encouraged.* PIs are encouraged to integrate and/or align their research projects with DoD research laboratories and programs (see page 30 of the solicitation) and discuss with designated program contacts.

*Pre-Application Submission Deadline: 5:00 p.m. Eastern time, January 26, 2018.*

*Application Submission Deadline: 11:59 p.m. Eastern time, February 9, 2018.*



## **Upcoming Changes in Human Subjects Protections**

New standard operating procedures, protocol applications, forms, and templates have been drafted to comply with the revised [Common Rule](#) which will take effect January 19, 2018. The revised Common Rule will expand the types of research which will qualify for an exemption, provide a limited review process for some exempt research, alter requirements for continuing review, and implement new standards for informed consent. Currently active expedited protocols will transition to the new rule as they come due for continuing review. At that time, some protocols may be transitioned into one of the [new Exemption Categories](#) by completing a new Protocol Application for Exemption.

Ongoing non-exempt research studies which are still open to enrollment must adapt Consent form(s) to meet the [new consent requirements](#). An updated Consent Template is available on the [Forms page](#) of the IRB website under the Templates Section.

New non-exempt protocol submissions should begin using the new Consent Template.

More information about these changes can be found on the [Resources page](#) of the IRB website.



## **Communications Manager Joins RCA Staff**

Fred Hudson has joined the Research and Creative Activity staff as Communications Manager. Fred is a communications professional with nearly 30 years of experience working in the Fargo-Moorhead area. After graduating from Minnesota State University Moorhead, he became an early member of the Great Plains Software / Microsoft team and worked in various roles at the company including writing, communications, and event and video production. Fred helped develop and market digital products at Forum Communications, managed communications and social media at Ulteig Engineers, and led marketing and communications teams at RDO Equipment Company.

As Communications Manager, Fred is responsible for the development and delivery of communications focusing on the NDSU research and creative activity community. He will play an active role in engaging internal and external audiences to advance NDSU's messaging and increase awareness of NDSU's research and creative activity achievements. Fred can be reached at 231-5174 or by email at [fred.hudson@ndsu.edu](mailto:fred.hudson@ndsu.edu).



## NDSU Incubator Celebrates 10<sup>th</sup> Anniversary

The NDSU Research and Technology Park recently celebrated the 10th Anniversary of the Incubator building. The Incubator supports growing small businesses that relate in some way to technology. The innovative thinking of these businesses is nurtured by the staff, state and university. The community joined the Research Park in celebrating the past, and embracing the future.

It is not only the athletics that are a successful and legacy-filled component of NDSU history, but that success sets a standard for the students. They are continually asked to not only reach the bar but consistently raise it. It is that mindset that has driven the Incubator to be such a critical component of North Dakota State University and its Research and Technology Park.

The NDSU Research Park and Incubator would like to thank all those who attended and those who made the Research Park and the Incubator possible.



## 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](https://www.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.



### **Forums on Research and Creative Activity**

Please join Vice President for Research and Creative Activity, Dr. Kelly Rusch, throughout the semester for a conversation on research and scholarly activities. While there is no agenda for the forums, Dr. Rusch would like to engage in dialogue and hear your thoughts on growing the research, creative activity and scholarly enterprise on campus as we work to meet the Strategic Plan. These forums are scheduled for the following times:

- December 7, 2017 | 1:00 p.m. – 2:00 p.m. | Minard Hall 302



### **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!](#)



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