

From: All NDSU Employee list
To: NDSU-EMPLOYEE-OFFICIAL@LISTSERV.NODAK.EDU
Subject: RCA Update - June 11, 2018 Edition
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Attachments: [image002.png](#)



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](#).

SEARCH FOR NDSU SCHOLARS

FUNDING OPPORTUNITIES

- [DOJ: Internet Crimes Against Children](#)
- [CDC: Racial and Ethnic Approaches to Community Health \(REACH\)](#)
- [NEH: Media Projects Development](#)
- [NEH: Public Humanities Projects](#)
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EVENTS

- [Webinar: NSF - Smart & Autonomous Systems](#)
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- [Webinar: FY2018 AFRI-FASE and EPSCoR](#)
- [Working at the University-Industry Interface Webinar Series](#)

DOJ: Internet Crimes Against Children

The Department of Justice Office of Juvenile Justice Delinquency Prevention announces the FY18 Internet Crimes Against Children: Strengthening Investigative Tools and Technology for Combating Child Exploitation program to increase technological investigative capacity and associated training provided to ICAC task forces and affiliated federal, state, and local law enforcement and prosecutorial agencies. [This solicitation](#) will particularly focus on supporting the development, refinement, and advancement of widely used investigative tools, methods, and technologies that address child pornography, exploitation, and sex trafficking.

Application deadline: July 16, 2018

CDC: Racial and Ethnic Approaches to Community Health (REACH)

The Centers for Disease Control (CDC) announces the availability of fiscal year 2018 funds to implement DP18-1813 [Racial and Ethnic Approaches to Community Health \(REACH\)](#). This 5-year initiative is to improve health, prevent chronic diseases, and reduce health disparities among racial and ethnic populations with the highest risk, or burden, of chronic disease, specifically for African Americans/Blacks, Hispanic Americans, Asian Americans, Native Hawaiian/Other Pacific Islanders, American Indians, and Alaska Natives, by: supporting culturally tailored interventions to address the preventable health behaviors of tobacco use, poor nutrition, and physical inactivity; linking community and clinical efforts to increase access to health care and preventive care programs at the community level; supporting implementation, evaluation, and dissemination of practice- and evidence-based strategies on the four topic areas of tobacco, nutrition, physical activity, and community-clinical collaborations that ultimately lead to reduced health disparities in chronic conditions of hypertension, heart disease, Type 2 diabetes, and obesity. Funding will support recipients that have a history of successfully working with an established community coalition to address issues relating to health or other disparities.

Application deadline: July 16, 2018



NEH: Media Projects Development

The National Endowment for the Humanities (NEH) [Media Project Development Grants](#) support film, television, and radio projects for general audiences that encourage active engagement with humanities ideas in creative and appealing ways. All projects must be grounded in humanities scholarship in disciplines such as history, art history, film studies, literature, drama, religious studies, philosophy, or anthropology. Projects must also demonstrate an approach that is thoughtful, balanced, and analytical (rather than celebratory). The approach to the subject matter must go beyond the mere presentation of factual information to explore its larger significance and stimulate critical thinking. Awards for development typically range from \$40,000 to \$75,000, depending on the complexity of the project, and are usually made for a period of six to twelve months. Also available: [Media Projects Production Grants](#).

Application deadline: August 8, 2018



NEH: Public Humanities Projects

The National Endowment for the Humanities (NEH) [Public Humanities Projects Grants](#) support projects that bring the ideas and insights of the humanities to life for general audiences. Projects must engage humanities scholarship to illuminate significant themes in disciplines such as history, literature, ethics, and art, or to address challenging issues in contemporary life. NEH encourages projects that involve members of the public in collaboration with humanities scholars or that invite contributions from the community in the development and delivery of humanities programming. Grants are usually made for a period of twelve months. Most awards are made for up to \$40,000, with a maximum of \$75,000 for complex projects that will reach large national audiences.

Application deadline: August 8, 2018



NSF: Research Experiences for Undergraduates

The National Science Foundation (NSF) [Research Experiences for Undergraduates \(REU\) program](#) supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for support of student research: (1) REU Sites are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU Sites may be based in a single discipline or academic department or may offer interdisciplinary or multi-department research opportunities with a coherent intellectual theme. Proposals with an international dimension are welcome. (2) REU Supplements may be included as a component of proposals for new or renewal NSF grants or cooperative agreements or may be requested for ongoing NSF-funded research projects.

Application deadline: August 22, 2018



AgriBank: Rural Community Grant Fund

AgriBank is partnering with Farm Credit Services of Mandan and Farm Credit Services of North Dakota to provide the [Rural Community Grant Fund](#). Disbursements through this fund are designated for projects and programs in rural communities in western North Dakota. Grants up to \$50,000 will be available within the Rural Community Grant Fund to facilitate infrastructure improvement and/or development initiatives encompassing housing projects, health, safety, and environmental programs, medical facilities, educational programs and more. The Rural Community Grant Fund will be funded annually by the income earned by AgriBank on its mineral interests within western North Dakota, as designated by its Board of Directors.

Application deadline: August 31, 2018; November 30, 2018; April 30, 2019



NIH: Brain Initiative

This National Institute of Health (NIH) Brain Research through Advancing Innovative Neurotechnologies (BRAIN) initiative RFA ([RFA-MH-19-136](#)) is focused on applications that will develop and validate novel tools to facilitate the detailed analysis of complex circuits and provide insights into cellular interactions that underlie brain function. The new tools and technologies should inform and/or exploit cell-type and/or circuit-level specificity. Plans for validating the utility of the tool/technology will be an essential feature of a successful application. The development of new genetic and non-genetic tools for delivering genes, proteins and chemicals to cells of interest or approaches that are expected to target specific cell types and/or circuits in the nervous system with greater precision and sensitivity than currently established methods are encouraged. Tools that can be used in a number of species/model organisms rather than those restricted to a single species are highly desired. Applications that provide approaches that break through existing technical barriers to substantially improve current capabilities are highly encouraged.

Application deadline: September 27, 2018; September 6, 2019; September 9, 2020



Webinar: NSF - Smart & Autonomous Systems

The Smart and Autonomous Systems (S&AS) program focuses on Intelligent Physical Systems (IPS) that are capable of robust, long-term autonomy requiring minimal or no human operator intervention in the face of uncertain, unanticipated, and dynamically changing situations. IPS are systems that combine perception, cognition, communication, and actuation to operate in the physical world. Examples include, but are not limited to, robotic platforms, self-driving vehicles, underwater exploration vehicles, and smart grids.

This [webinar](#) will cover the S&AS program solicitation, [NSF 18-557](#), submission requirements, and program updates. There will be a question and answer session following the presentation.

Wednesday, June 13, 2018 | 11 a.m. - 12 p.m. | [Register](#) by June 12, 2018



Webinar: NSF Opportunities for Broadening Participation in STEM

The National Science Foundation Directorate for Education and Human Resources (EHR) is hosting a **FREE Webinar** on **June 14, 2018**, from **12:00-2:30 p.m.**

NSF Program Officers and Staff will highlight current funding opportunities available at NSF targeting underrepresented groups in STEM and Minority Serving Institutions. Funding opportunities for programs like NSF INCLUDES, ADVANCE, LifeSTEM, IUSE, ITEST, GRFP, and many others will be highlighted. Representatives from all four divisions in EHR will be represented.

- [Division of Research on Learning](#)
- [Division of Graduate Education](#)

- [Division of Undergraduate Education](#)
- [Division of Human Resource Development](#)

In addition, Q & A opportunities with Program Officers will be provided during the webinar.

Administrators, faculty, researchers, evaluators, and other STEM education leaders working to broaden participation in STEM in formal *and or* informal contexts are encouraged to attend.

Please [register here](#).



Webinar: AFRI FASE and EPSCoR

The Agriculture and Food Research Initiative (AFRI) - Food and Agricultural Science Enhancement (FASE) and Established Program to Stimulate Competitive Research (EPSCoR) Team is presenting a webinar on June 19, 2018 on how the [AFRI FASE & EPSCoR Program](#) works and how it is implemented at NIFA. This webinar will serve as an orientation for those new to the program and an update for returning applicants. There will also be a brief question and answer session. For more information contact [Sharon Lumpkin](#).

June 19, 2018 | 1 p.m. to 2:30 p.m. | [Zoom Meeting Connection](#) | Meeting ID: 162 231 214

Telephone: +1 646 558 8656 or +1 669 900 6833

Agenda

- 1:45 p.m. Webinar link opens
- 2 p.m. Presentation starts
- 3 p.m. Questions/Answer session
- 3:30 p.m. Webinar ends



Working at the University-Industry Interface Webinar Series

If you have missed any of the **Working at the University-Industry Interface Webinar Series**, the last two webinars and presentation materials are available online.

Title: **Managing Intellectual Property (IP) Issues**

Video Link: <https://budurl.me/cg23t>

Presentation Materials Link: https://www.academicimpressions.com/online_training/0218-uidp6.pdf

Last date to watch webinar: *June 24, 2018*

Title: **Benefiting from U-I Collaborations with Government Engagement**

Video Link: <https://budurl.me/tyswl>

Presentation Materials Link: https://www.academicimpressions.com/online_training/0218-uidp7.pdf

Last date to watch webinar: *July 1, 2018*



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