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Behalf Of Thornton, Nyra
Sent: Monday, July 16, 2018 2:56 PM
To: NDSU-EMPLOYEE-OFFICIAL@LISTSERV.NODAK.EDU
Subject: RCA Update - July 16, 2018 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](#).

SEARCH FOR NDSU SCHOLARS

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Annie Capital: Investment in North Dakota Women Entrepreneurs

Annie Capital is seeking entrepreneurs looking for capital and coaching to move their businesses forward. Based in Dickinson, ND, Annie Capital offers financing to majority women-owned business in North Dakota and South Dakota. Investment from Annie Capital can be applied to getting an idea off the ground, expanding product offerings, or entering a new market. Annie Capital is open to investing in any sector, but prefers early stage, for-profit companies with a distinct competitive advantage. Applications are accepted on an ongoing basis. The application process typically takes three months from application to funding, with time set aside for an in-person pitch and robust due diligence. Entrepreneurs can learn more and apply through www.goannie.com.



DOD: Vannevar Bush Faculty Fellowship

The [Vannevar Bush Faculty Fellowship \(VBFF\)](#) program is sponsored by the Basic Research Office in the Office of the Under Secretary of Defense for Research and Engineering (USD (R&E)). This program invites applications from distinguished researchers for the purpose of conducting innovative basic research in areas of interest to the Department of Defense (DoD) and fostering long-term relationships between the VBFF Fellows and the DoD. As defined by the DoD, basic research is “systematic study directed toward greater knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific applications towards processes or products in mind. It includes all scientific study and experimentation directed toward increasing fundamental knowledge and understanding in those fields of the physical, engineering, environmental, and life sciences related to long-term national security needs. It is farsighted, high payoff research that provides the basis for technological progress.” VBFF is oriented towards bold and ambitious “blue sky” research that may lead to extraordinary outcomes such as revolutionizing entire disciplines, creating entirely new fields, or disrupting accepted theories and perspectives.

Application deadline: January 18, 2019



HICAHS: 2018 Emerging Issues Research on Ag Health and Safety

The [High Plains Intermountain Center for Agricultural Health and Safety](#) (HICAHS) at Colorado State University is accepting applications for projects related to emerging issues and improving the health and safety of those working in agriculture or forestry with priority given to the HICAHS region states of Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming. Applications are being accepted for projects with budgets up to \$25,000 with varying start dates and timelines. The requirements and criteria for pilot/feasibility projects are described in the RFA. Request the RFA and direct any questions to: Hicahs@colostate.edu or to Elizabeth.Brooks@colostate.edu.

Application deadline: Rolling acceptance until funding runs out



HRSA: Rural Communities Opioid Response Program

The Health Resources and Services Administration (HRSA) is accepting applications for fiscal year [\(FY\) 2018 Rural Communities Opioid Response Program \(RCORP\) Technical Assistance \(TA\)](#). The purpose of this program is to provide rural consortiums (either standing or in development) technical assistance to build capacity and facilitate the implementation of programs that support treatment for and prevention of substance use disorder. Technical assistance will target rural counties that are at the highest risk for substance use disorder, including the 220 counties identified by the Centers for Disease Control and Prevention (CDC) as being at risk for HIV and Hepatitis C infections due to injection drug use.

Application deadline: August 10, 2018



NIH: High-Priority Behavioral and Social Research Networks in Alzheimer's Disease and Related Dementias

This Funding Opportunity Announcement (FOA), [RFA-AG-19-016](#), invites applications to provide infrastructure support for advancing development of specific high-priority areas of behavioral and social research of relevance to Alzheimer's disease and Alzheimer's disease related dementias (AD/ADRD). The infrastructure support will facilitate research networks through meetings, conferences, small-scale pilots, short-term educational opportunities (such as intensive workshops, summer institutes, or visiting scholar programs), and dissemination to encourage growth and development of specified priority areas and build resources for advancing aging-relevant research in the field at large. Network applications are limited to the following areas:

- (1) AD/ADRD care and services research, and
- (2) the coordination of international studies conducting the Harmonized Cognitive Assessment Protocol.

Letter of Intent due: January 1, 2019; Full Application deadline: February 1, 2019



NIH: Research on Informal and Formal Caregiving for Alzheimer's Disease

This Funding Opportunity Announcement (FOA), [PAR-18-027](#), invites applications for basic and translational research on caregiving for individuals with Alzheimer's disease (AD) at the individual, family, community, and population level. The scope of this funding opportunity includes support for applications that propose the following:

- (1) interventions to reduce caregiver burden and improve patient outcomes across various settings;
- (2) population- and community-based research on the scope and impact of AD caregiving;
- (3) improved characterization of informal and formal caregiving and the burden of caregiving across the full spectrum of the disease, including differences among socioeconomic, racial/ethnic and geographic sub-populations; and
- (4) research addressing the unique challenges related to the provision of advanced AD care, including disparities in access to care.

Application deadline: January 8, 2019



NSF: Research Traineeship (NRT) – Limited Submission Program

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 Research Traineeship Program : Notify RCA by 9/10/2018 at 5:00 p.m. if you intend to apply.

The National Science Foundation (NSF) Research Traineeship (NRT) program is designed to encourage the development and implementation of bold, new, and potentially transformative models for STEM graduate education training. The NRT program seeks proposals that explore ways for graduate students in research-based master's and doctoral degree programs to develop the skills, knowledge, and competencies needed to pursue a range of STEM careers. The program is dedicated to effective training of STEM graduate students in high priority interdisciplinary research areas, through the use of a comprehensive traineeship model that is innovative, evidence-based, and aligned with changing workforce and research needs.

Letter of Intent Due: December 6, 2018; Full Proposals Due: February 6, 2019



NSF: Innovative Technology Experiences for Students and Teachers (ITEST)

The National Science Foundation (NSF) Innovative Technology Experiences for Students and Teachers (ITEST) research and development program supports projects to promote PreK-12 student interests and capacities to participate in the STEM and information and communications technology (ICT) workforce of the future. The ITEST program supports research on the design, development, implementation, and selective spread of innovative strategies for engaging students in technology-rich experiences that:

- (1) increase student awareness of STEM occupations;
- (2) motivate students to pursue appropriate education pathways to STEM occupations; or
- (3) develop disciplinary-based knowledge and practices, or promote critical thinking, reasoning skills, or communication skills needed for entering STEM workforce sectors.

ITEST projects may adopt an interdisciplinary focus that includes multiple STEM disciplines, focus on a single discipline, or focus on one or more sub-disciplines. The ITEST program supports projects that provide evidence for factors, instructional designs, and practices in formal and informal learning environments that broaden participation of students from underrepresented groups in STEM fields and related education and workforce domains. Projects that actively engage business and industry partners to better ensure that PreK-12 experiences foster the knowledge and skill-sets needed for emerging STEM occupations are strongly encouraged.

A self-paced online course on ITEST Proposal Development is available from the STEM Learning and Research (STELAR) Center; learn more and register at the STELAR website.

Application deadline: August 8, 2018



SSRC: Social Media and Democracy Research Grants

The Social Science Research Council (SSRC) announced the first [Request for Proposals](#) (RFP) of the **Social Media and Democracy Research Grants**, which will not only support the study of important dynamics in our society, but has the potential to shape the future of the social sciences. Proposals for the Social Media and Democracy Research Grants should examine the impact of social media and related digital technologies on democracy and elections, generate insights to inform policy at the intersection of media, technology, and democracy, and advance new avenues for future research. This initiative seeks to study these processes in an independent, transparent, and ethical way according to the highest standards of data privacy and academic research, to improve the lives of all.

Researchers whose proposals are selected for support will receive research funding via the Social Science Research Council and access to Facebook data via [Social Science One](#). The first dataset is a database of Facebook URL shares; details about these data, including the codebook can be found at the Social Science One [Dataverse repository](#).

Interested researchers are encouraged to submit proposals to apply.ssrc.org.

Application deadline: Rolling acceptance; first review August 9, 2018



Are you conducting research subject to FDA regulations? Here's how to know:

The FDA defines research or a '*clinical investigation*' as "any experiment that involves a test article and one or more human subjects ..."

To determine if your study is subject to FDA regulations, ask:

1. Are the activities an experiment that involves a test article (drug, device or biologic) and one or more human subjects?

If yes to 1:

2. Does the study involve the use of a study **drug** (other than the use of an approved drug in the course of medical practice)? Studies involving the use of drugs are subject to prior submission requirements of the FDA under section 505(i) of the Federal Food, Drug and Cosmetic Act.
3. Does the study evaluate the safety or effectiveness of a **device**? If so, the activities are subject to the requirements for prior submission to the FDA under section 520(g) of the Federal Food, Drug and Cosmetic Act.
4. Are the results of this activity intended to be later submitted to, or held for inspection by, the FDA as part of an application for a research or marketing permit?

If you answered yes to 1 AND either 2, 3, or 4, your study is subject to FDA regulations.

FDA regulated studies involve **human subjects** when:

- A **drug** is used in one or more persons other than the use of an approved drug in the course of medical practice.
- The use of a **device** in one or more persons that evaluates the safety or effectiveness of that device.
- A clinical investigation of a **test article** (includes: drugs, biologic products for human use, medical devices for human use, human food additive, color additive, electronic product or any other articles subject to regulation under the Food Drug and Cosmetic Act or under sections 351 and 354-360F of the Public Health Service Act.)

- Data regarding subjects or control subjects submitted to or held for inspection by the FDA.
- Data regarding the use of a device on human specimens (either identifiable or unidentifiable) submitted to or held for inspection by the FDA.

For more information on review processes for human subjects research, visit the [IRB website](#).



Electronic Proposal Submission Reminders

National Science Foundation: Beginning April 30, 2018, the National Science Foundation (NSF) released additional [Research.gov](#) functionality that allow users the ability to either prepare and submit full, research, non-collaborative proposals in Research.gov or through Fastlane. Benefits of preparing and submitting proposals through Research.gov include a modernized intuitive environment, additional real-time compliance checking, and online help tips.

Grants.Gov: Beginning January 1, 2018, [Grants.gov](#) phased out the downloadable PDF application packages used for federal proposal submissions and transitioned to an online system called Grants.gov Workspace. PIs and any other personnel that assist with application completion will need to register in Grants.gov as an “organizational applicant” using the following link: <https://apply07.grants.gov/apply/OrcRegister>. Please consider registering early for any upcoming funding opportunities.

Please contact SPA at ndsu.research@ndsu.edu with any questions.



Webinar Opportunity: DARPA Young Faculty Award Proposers Day

The Defense Advanced Research Projects Agency (DARPA) Defense Sciences Office (DSO) is sponsoring a Proposers Day to provide information to potential proposers on the objectives of an anticipated Research Announcement (RA) for the Young Faculty Award (YFA) program. The Proposers Day will be held on August 8, 2018 from 12:30 PM to 2:30 PM. The event will be held via a webcast only. Advance registration is required for viewing the webcast.

Additional information regarding this SN can be found at the link below.

<https://www.fbo.gov/spg/ODA/DARPA/CMO/DARPA-SN-18-64/listing.html>

For specific questions regarding this SN, please send email to YFA2019@darpa.mil



IES Posts FY 2019 Research Funding Webinars

The [Institute of Education Sciences](#) (IES) has posted three new on-demand webinars for those who are interested in Fiscal Year (FY) 2019 funding opportunities and learning more about IES. These pre-recorded webinars are hosted by the [National Center for Education Research](#) (NCER) and the [National Center for Special Education Research](#) (NCSER) and you can access them on the [IES Webinar Series website](#).

Newly available on-demand webinars include the following:

- NCSER Research Training Programs in Special Education: Early Career Development and Mentoring
- Partnerships and Collaborations Focused on Problems of Practice or Policy

- Funding Opportunities for Minority Serving Institutions

Additional on-demand webinars will be available soon. Visit the [IES Funding Opportunities website](#) for more information about these and other research programs.



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