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To: NDSU-EMPLOYEE-OFFICIAL@LISTSERV.NODAK.EDU

Subject: RCA Update - June 25, 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

FUNDING OPPORTUNITIES

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DOD: Congressionally Directed Medical Research Programs (CDMRP)

The Department of Defense (DOD) Congressionally Directed Medical Research Programs ([CDMRP](#)) recently released Fiscal Year 2018 (FY18) funding opportunities for the Duchenne Muscular Dystrophy Research Program ([DMDRP](#)), Kidney Cancer Research Program ([KCRP](#)), Lupus Research Program ([LRP](#)), Epilepsy Research Program ([ERP](#)), and Peer Reviewed Alzheimer's Research Program ([PRARP](#)) being managed by CDMRP. These, as well as detailed descriptions of other funding opportunities, evaluation criteria, and submission requirements, can be found in the Program Announcements, available electronically for downloading from the [CDMRP website](#). Proposal submission is a two-step

process requiring both pre-application submission and full application submission. All pre-applications must be submitted electronically to the Electronic Biomedical Research Application Portal ([eBRAP](#)). Full applications must be submitted electronically through Grants.gov.



DOD: Research Interests of the Air Force Office of Scientific Research (AFOSR)

The Department of Defense (DOD) Air Force Office of Scientific Research (AFOSR) plans, coordinates, and executes the Air Force Research Laboratory's (AFRL) [basic research program](#) in response to technical guidance from AFRL and requirements of the Air Force. Additionally, the office fosters, supports, and conducts research within Air Force, university, and industry laboratories; and ensures transition of research results to support U.S. Air Force needs. The focus of AFOSR is on research areas that offer significant and comprehensive benefits to our national war fighting and peacekeeping capabilities. These areas are organized and managed in two scientific Departments: Engineering and Information Science (RTA) and Physical and Biological Sciences (RTB). The research activities managed within each Department are summarized in the [full announcement](#), which can be downloaded from Grants.gov. Contact the primary program officer listed under each technical area to discuss proposal ideas.

Applications accepted until posting is superseded.



DOD: Office of Naval Research (ONR)

The Department of Defense (DOD) Naval Research Laboratory is interested in receiving innovative proposals that offer potential for advancement and improvement in the technical topic areas listed. This notice constitutes a Long Range Broad Agency Announcement ([BAA](#)) ([N00173-18-S-BA01](#)) that provides for the competitive selection of research proposals for basic and applied scientific research. Awards under this BAA are expected to take the form of contracts. Grants, cooperative agreements, or other transactions may also be awarded if appropriate. In order to conserve valuable offeror and Government resources, prospective offerors shall first submit a White Paper to the email address identified in the individual Summary Topics contained in Appendix 1, to include a rough cost estimate.

Applications accepted under this BAA until 5/9/2019



DOD: Prostate Cancer, Health Disparity Research Award

The [Health Disparity Research Award](#) supports promising research ideas that have high potential to make a significant impact in eliminating disparities in prostate cancer incidence, morbidity, mortality, and survivorship. The Prostate Cancer Research Program ([PCRP](#)) is interested in research that addresses all different aspects that contribute to health disparity in prostate cancer, including, but not limited to, social, cultural, and/or biological contributors. Proposed research ideas should be innovative, but primary emphasis will be placed on the potential impact of the proposed work. Proposed projects may include basic, translational, or clinical research, including clinical trials. Investigators from a spectrum of disciplines, including but not limited to, basic science, engineering, bioinformatics, population science, psycho-oncology, translational research, and clinical research, are encouraged to submit applications, provided they are appropriately focused on an issue of prostate cancer health disparity.

Full Proposal Deadline: October 11, 2018



DOD: Prostate Cancer, Health Disparity Fellowship Award

The [Health Disparity Fellowship Award](#) supports prostate cancer-focused disparity research opportunities for individuals in the early stages of their careers, under the guidance of one or more designated Mentors. This opportunity allows for postdoctoral fellows to develop a research project, investigate a problem or question in prostate cancer disparity research, and further their intellectual development as prostate cancer health disparity researchers of the future. All application components for the Health Disparity Fellowship Award are to be written by the Principal Investigator (PI), with appropriate direction from the Mentor(s). To maximize the potential for impact,

investigators are strongly encouraged to incorporate the following components into their study design where appropriate: authentication of proposed cell lines; statistical rigor of preclinical animal experiments; and incorporation of experiments to assess clinical relevance and translatability of findings. The proposed research must be relevant to active duty Service members, Veterans, military beneficiaries, and/or the American public.

Application deadline: October 11, 2018



NARA: Public Engagement with Historical Records

The National Archives and Records Administration (NARA) National Historical Publications and Records Commission ([NHPRC](#)) seeks projects that encourage [Public Engagement with Historical Records](#), including the development of new tools that enable people to engage online. The NHPRC is looking for projects that create models and technologies that other institutions can freely adopt. In general, collaborations between archivists, documentary editors, historians, educators, and/or community-based individuals are more likely to create a competitive proposal. Projects that focus on innovative methods to introduce primary source materials and how to use them in multiple locations also are more likely to create a competitive proposal. Projects might create and develop programs to engage people in the study and use of historical records for institutional, educational or personal reasons.

Draft proposal deadline: August 3, 2018; Full proposal deadline: October 4, 2018



NEH: Summer Stipends – 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.

Although Summer Stipends are awarded to individual scholars, applicants must be nominated by their institution to submit an online application. Institutions are limited to two nominations per cycle. **Contact [Dr. Christina Weber](#) by July 15, 2018 for more information about the nomination process.** Potential NDSU applicants will need to submit application drafts to Dr. Weber via email no later than **4:00 p.m. on Friday, July 27, 2018.**

The National Endowment for the Humanities supports [Summer Stipends](#) for individuals pursuing advanced research that is of value to humanities scholars, general audiences, or both. Recipients usually produce articles, monographs, books, digital materials, archaeological site reports, translations, editions, or other scholarly resources. Summer Stipends:

- support continuous full-time work on a humanities project for a period of two months.
- support projects at any stage of development.
- are awarded to individual scholars.

See the [frequently asked questions](#) for more information.

Agency deadline: September 26, 2018, for projects beginning May 2019



NIH: High-Risk Research

The National Institutes of Health (NIH) Common Fund announces FY2019 funding opportunities for the NIH Director's Pioneer Award, New Innovator Award, Transformative Research Award, and Early Independence Award in the [High-Risk, High-Reward Research program](#). The program provides unique opportunities for exceptionally creative scientists at all career stages to pursue highly innovative approaches to address major challenges in biomedical or behavioral research. Any research topic relevant to the broad mission of NIH is welcome. Applicant institutions are always encouraged to consider talented researchers from diverse backgrounds underrepresented in biomedical research, including underrepresented racial and ethnic groups, persons with disabilities, and women for participation in all NIH-funded research opportunities. The [NIH Common Fund](#) encourages collaboration and supports a series of exceptionally high impact, trans-NIH programs.

- 2019 NIH Director's Pioneer Award (DP1 - Clinical Trial Optional): [RFA-RM-18-007](#)
Application deadline: September 14, 2018
- 2019 NIH Director's New Innovator Award (DP2 - Clinical Trial Optional): [RFA-RM-18-008](#)
Application deadline: September 10, 2018
- 2019 NIH Director's Transformative Research Award (R01 - Clinical Trial Optional): [RFA RM-18-009](#)
Application deadline: September 21, 2018
- 2019 NIH Director's Early Independence Award (DP5 - Clinical Trial Optional): [RFA RM-18-010](#)
Letter of Intent deadline: August 27, 2018; Application deadline: September 27, 2018



NSF: Engineering Design and System Engineering

The National Science Foundation (NSF) [Engineering Design and System Engineering \(EDSE\) program](#) encourages multidisciplinary collaborations of experts in design and systems engineering with experts in other domains. Of particular interest is research on the design of engineering material systems that leverages the unique aspects of a particular material system to realize advanced design methods that are driven by performance metrics and incorporate processing/manufacturing considerations. The EDSE program supports fundamental research into the basic processes and phenomena of engineering design and systems engineering. The program seeks proposals leading to improved understanding about how processes, organizational structure, social interactions, strategic decision making, and other factors impact success in the planning and execution of engineering design and systems engineering projects. It also supports advances pertaining to engineering design and systems engineering in areas that include, but are not limited to, decision making under uncertainty, including preference and demand modeling; problem decomposition and decision delegation; applications of reverse game theory (mechanism design); computer-aided design; design representation; system performance modeling and prediction; design optimization; uncertainty quantification; domain- or concern-specific design methods; and advanced computational techniques for supporting effective human cognition, decision making, and collaboration. Competitive proposals for novel methods will include a plan to evaluate rigorously the effectiveness and performance of the proposed approach.

Full proposals accepted anytime.



Export Control Administrator

Sharon May, a licensed US Customhouse Broker with 25 years of experience in facilitating, training and coaching others in export compliance and documentation, has joined RCA on a temporary, part-time basis to administer export control administration and help assess the export control program at NDSU. Sharon has a BS in Regulatory Trade Compliance and has experience using Visual Compliance. Sharon can be reached at 231-6455 or NDSU.ExportControls@ndsu.edu.



June Issue of Research Development and Grant Writing News

The June issue of [Research Development and Grant Writing News](#) is now available to view. Use your NDSU login information to access this resource. Various topics are covered, including:

- Humanities and STEM Integration
- It's a Good Time to Submit an NSF EAGER Proposal
- Characteristics of an Effective Proposal Team Member
- Funding Agencies Are Not Monolithic



2018-2019 IACUC Meeting Dates and Deadlines Posted

The Institutional Animal Care and Use Committee (IACUC) [Meetings website](#) lists meeting dates and submission deadlines. Please note that AV consultation deadlines are **three-weeks** prior to the meeting date and protocol submission deadlines (to the IACUC Office) are **two-weeks** prior to the meeting date. As a reminder, protocols not submitted by the deadlines will not be included on the upcoming meeting's agenda.



New IACUC Guiding Principle

The Institutional Animal Care and Use Committee (IACUC) recently approved the [Electric Prod Use in Livestock Guiding Principle](#). All IACUC Guiding Principles and accompanying forms/logs can be found on the [NDSU IACUC Guidelines website](#) and [IACUC Forms page](#).



Sponsored Programs Website

Sponsored Programs is pleased to announce major changes to our [website](#) which include new content, look and user-friendly navigation. Key highlights include:

- Proposal preparation resource [page](#) that includes useful tips and resources when preparing proposals.
- Budget development and budget justification [page](#) that includes detailed descriptions of common budget categories.
- Award acceptance [page](#) which provides information about the processes that occur after NDSU receives an award.

Since we have added new pages to our website, please update saved bookmarks as needed. Please contact SPA at nds.research@nds.edu with any questions.



Working at the University-Industry Interface Webinar Series

If you missed the **Working at the University-Industry Interface Webinar Series**, the last webinar and presentation materials are available online.

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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