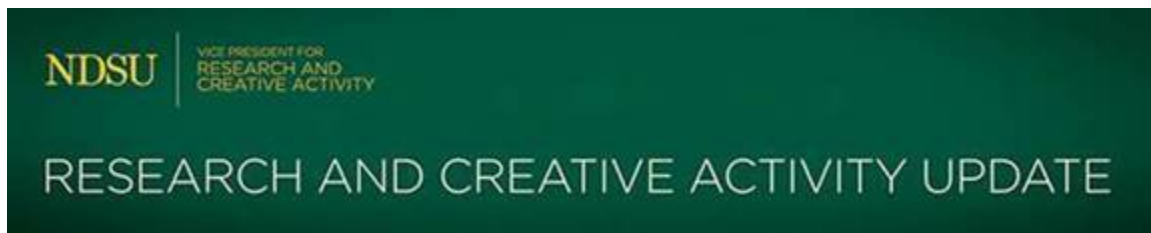


Sent: Monday, June 05, 2017 3:10 PM
To: NDSU-EMPLOYEE-OFFICIAL@LISTSERV.NODAK.EDU
Subject: RCA Update - June 5, 2017 Edition



Welcome to the Research and Creative Activity Update!

To share information quickly rather than through multiple emails, we provide weekly updates for researchers, scholars and staff to keep up-to-date on grant program changes, deadlines, notices and training, with links to expand the information you may be interested in.

Thank you for your contributions to research and creative activity at NDSU.

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

FUNDING OPPORTUNITIES

- [Notification Due Date for Upcoming Limited Submission Program – NEA Research Labs](#)
- [NIH FOA: Socioeconomic Disparities in Health and Mortality at Older Ages \(R01\)](#)
- [NSF-Simons Research Centers for Mathematics of Complex Biological Systems \(17-560\)](#)
- [NSF Dear Colleague Letter: Supporting Fundamental Research to Enable Innovation in Advanced Manufacturing at Manufacturing USA Institutes](#)

NOTICES

- [NSF Dear Colleague Letter: Updated Focus of Programs within the Engineering Biology and Health Cluster, Division of Chemical, Bioengineering, Environmental, and Transport \(CBET\) Systems](#)
- [Getting the most out of Pivot: Finding Funding and Expertise](#)
- [Technical Data](#)
- [Science article: How NSF Cut 11% from its budget](#)

EVENTS

- [Proposal and Award Management Session #3](#)

Notification Due Date for Upcoming Limited Submission Program – NEA Research Labs

[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.

Notification emails are due to NDSU.ResearchDev@ndsu.edu for the following upcoming Limited Submission program: [National Endowment for the Arts \(NEA\) Research Labs](#) – Notification due **06/07/2017 by 4pm**.

The NEA Research Labs program seeks to cultivate a series of transdisciplinary research partnerships, grounded in the social and behavioral sciences, to produce and report empirical insights about the arts for the benefit of arts and non-arts sectors alike. Each NEA Research Lab will define its own research agenda, conduct a research program to implement that agenda, and prepare reports that will contribute substantively to a wider understanding of one of three areas of special interest to the National Endowment for the Arts:

1. The Arts, Health, and Social/Emotional Well-Being

2. The Arts, Creativity, Cognition, and Learning
3. The Arts, Entrepreneurship, and Innovation

This program requires a partnership with a nonprofit arts organization and a nonfederal cost share/match of at least 1 to 1.



NIH FOA: Socioeconomic Disparities in Health and Mortality at Older Ages (R01)

The purpose of [this funding opportunity](#) is to support studies that identify mechanisms, explanations, and modifiable risk factors underlying recent trends of growing inequalities in morbidity and mortality by income, education, and geographic location at older ages in the United States. Applicants are encouraged to consider a variety of health outcomes in order to explain the processes generating these trends. Applicants are strongly encouraged to present well-developed conceptual models.

Examples of analytic approaches that fall within the scope of this FOA include (but are not limited to) those that:

- Identify the mechanisms that explain growing socioeconomic and geographic inequalities in health at older ages, explain their role in racial disparities, and detect modifiable risk factors
- Ascertain the extent to which these trends are driven by age, period, and cohort-related factors
- Consider the role of education, income, and geographic region as causal factors versus alternative explanations such as differential selection over time or shifting composition of groups
- Leverage longitudinal data, ideally from childhood through old age
- Use a diverse set of analytic methods (e.g. life-cycle, comparative, cohort, multi-level)
- Consider how institutional and cultural contexts (including their timing within the life course of individuals) influence health disparities
- Examine a wide range of physical, mental, and functional health outcomes, in addition to mortality
- Capitalize on NIA-funded data sources with life history and geographic information (e.g., English Longitudinal Study of Ageing; Health and Retirement Study; Midlife in the United States; National Longitudinal Mortality Study; Panel Study of Income Dynamics; Survey of Health, Ageing, and Retirement in Europe)

See the complete [RFA](#) for program details.



NSF-Simons Research Centers for Mathematics of Complex Biological Systems (17-560)

The purpose of the [NSF-Simons Research Centers for Mathematics of Complex Biological Systems \(MathBioSys\)](#) is to enable innovative collaborative research at the intersection of mathematics and molecular, cellular and organismal biology, to establish new connections between these two disciplines, and to promote interdisciplinary education and workforce training. The National Science Foundation Directorates for Mathematical and Physical Sciences (MPS) and for Biological Sciences (BIO) and the Simons Foundation Division of Mathematics and the Physical Sciences (MPS) and Division of Life Sciences shall jointly sponsor up to three new research centers to facilitate collaborations among groups of mathematicians, statisticians, and biologists. Research activities conducted at each center will be focused on a particular set of topics at the interface of the mathematical sciences with molecular, cellular, and organismal biology. Each center will conduct interdisciplinary education and training through research involvement of recent doctoral degree recipients and graduate students from across this multi-disciplinary spectrum. Each center is also expected to conduct convening activities, including short-term and/or long-term visitors programs, workshops, and/or outreach activities.



NSF DCL: Supporting Fundamental Research to Enable Innovation in Advanced Manufacturing

[NSF Dear Colleague Letter: Supporting Fundamental Research to Enable Innovation in Advanced Manufacturing at Manufacturing USA Institutes](#)

The National Science Foundation (NSF) is interested in receiving research proposals addressing critical fundamental research needs in advanced manufacturing, and particularly in projects that may enable innovations in the technical focus areas of one or more of the Manufacturing USA Institutes. Such proposals should leverage the facilities, infrastructure, expertise and member companies of one or more Institutes. Basic research in advanced

manufacturing feeds the upstream pipeline of breakthrough technologies and innovations that the Institutes transform into scalable production processes and systems for use by industry. Research proposals that detail explicit collaborations with Institutes to facilitate this transition are particularly encouraged. A summary of the Institute focus areas can be found at <https://www.manufacturing.gov/nnmi-institutes/>.



NSF DCL: Updated Focus of Programs within the Engineering Biology and Health Cluster, CBET

NSF Dear Colleague Letter: Updated Focus of Programs within the Engineering Biology and Health Cluster, Division of Chemical, Bioengineering, Environmental, and Transport (CBET) Systems.

The Division of Chemical, Bioengineering, Environmental, and Transport Systems (CBET) has realigned and refocused several of the programs within its Engineering Biology and Health Cluster. This effort was undertaken to clarify the scope of each of the programs and minimize programmatic overlap. The programs in the cluster are:

- Biophotonics
- Cellular and Biochemical Engineering (CBE)
- Disability and Rehabilitation Engineering (DARE)
- Engineering of Biomedical Systems (EBMS)
- Nano-Biosensing

All prospective investigators are encouraged to contact the Program Directors of the program to which they are considering submitting their proposal to discuss their research objectives.



Getting the most out of Pivot: Finding Funding and Expertise

Pivot is a subscription-based online system for conducting grant searches and maintaining faculty expertise profiles. With NDSU's subscription, its use is free for any employee or student at NDSU. To log into Pivot, you no longer need to remember a separate Pivot username and password; rather, you can now use your NDSU network login – so next time you go to **Pivot** (<https://pivot.cos.com>) and click on “Log in” in the upper right corner of the Pivot screen, choose “Access via My Institution Login” and follow the prompts to set up your NDSU network login for future Pivot logins.

Have You Searched for Your Expertise Profile in the Pivot Gallery?

Faculty members, try entering your name in the search box at the **Pivot Gallery** (<http://scholars.proquest.com/gallery/NDSU>) to view your profile. If you don't like what you see and would like to make edits to your profile to make it more complete or accurate, you must log in to **Pivot**, click on your name in the upper right corner, and choose “Your Profile.” On the next screen, choose “Edit Profile” and follow the prompts to make changes to your profile. The NDSU Research and Technology Park uses the faculty inventory within Pivot Gallery to promote NDSU expertise to outside companies and potential clients.

Are You Receiving Useful Grant Email Alerts?

If you aren't receiving useful email alerts from Pivot regarding grant opportunities for your research and scholarly activities, perhaps you need to revise your search criteria or create a new search. Once logged into Pivot, grant searches can be created and saved by first clicking on the Funding tab on the menu bar. If you have had trouble setting up a useful search, please feel free to email Research Development at ndsu.researchdev@ndsu.edu, and we will try to create a new more useful search for you. You can set up and save as many grant searches as you'd like for different NDSU purposes and have alerts sent to you on a weekly basis.



Technical Data

The Code of Federal Regulations refers to “Technical Data” as the information required for the design, development, production, manufacture, assembly, operation, repair, testing, maintenance, or modification of controlled articles. This includes information in the form of blueprints, drawings, plans, instructions, diagrams, photographs, etc. It may take forms such as blueprints, plans, diagrams, models, formulae, tables, engineering designs and specifications, and manuals and instructions written or recorded on other media or devices (such as disk, tape, or read-only memories). The ITAR definition does not include information concerning general scientific, mathematical, or engineering

principles commonly taught in schools, colleges, and universities, or information in the public domain. See the [Electronic Code of Federal Regulations](#).



Science article: How NSF Cut 11% from its Budget

The President's 2018 Budget includes a 11% reduction to the National Science Foundation. NSF leadership responded by developing a set of principles to guide the budget decisions, with the priority to maintain capacity within all research directorates and education programs.

Programs receiving major cuts include the Graduate Research Fellowship program and EPSCoR. See the [full article](#) for further details.



Proposal and Award Management Session #3

The third meeting in the Proposal and Award Management series will be held on **Thursday, June 15th, from 11:00-11:45, in the Quentin Burdick, room 422**. The topic area for this meeting is: [Award Management – Part I](#) – funding mechanisms, the negotiation process, key components and award terms, compliance verification, and award hand-off from SPA to GCA.

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.) 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.



You are receiving this notification through the NDSU official staff or faculty listserv or sub-list. The official listserv refreshes after each pay period.

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