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To: NDSU-EMPLOYEE-OFFICIAL@LISTSERV.NODAK.EDU
Subject: RCA Update - October 16, 2017 Edition



Welcome to the Research and Creative Activity Update!

To share information quickly rather than through multiple emails, we will be providing 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](#).

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National Endowment for the Humanities – Collaborative Research Program

[Collaborative Research Grants](#) support interpretive humanities research undertaken by two or more collaborating scholars, for full-time or part-time activities for periods of one to three years. Support is available for various combinations of scholars, consultants, and research assistants; project-related travel; field work; applications of information technology; and technical support and services. Eligible projects include:

- research that significantly adds to knowledge and understanding of the humanities;
- conferences on topics of major importance in the humanities that will benefit scholarly research; and
- archaeological projects that include the interpretation and dissemination of results.

Awards are made for one to three years and rarely exceed \$100,000 per year. Awards for conferences do not exceed \$65,000 per grant.

Application deadline: December 6, 2017

Pursue Prestigious Fellowships, Awards, and Honors

NDSU faculty and students are encouraged to pursue opportunities for prestigious fellowships, awards, and honors in their academic fields. An extensive listing is available from the [National Academies of Sciences, Engineering, and Medicine](#). The list includes opportunities in the Arts and Humanities, Social Sciences, Physical Sciences and Engineering, and Life Sciences. A number of these opportunities involve a nomination process. Following are a few examples:

- **American Physiological Society (APS) Fellow Program**

Election to [APS Fellow](#) (FAPS) status not only acknowledges noteworthy scientific and professional accomplishments, but also outstanding leadership and service to the Society. The designation of Fellow is honorific, and shall remain valid for the duration of APS membership. Candidates should consider the advancement to Fellow status to be a request to become more active in the internal affairs of the Society, including serving in a leadership capacity. *Application deadline: February 1 annually*

- **Other APS Awards**

The American Physiological Society also gives a number of other awards in different biomedical topic areas. For example, the [Cell and Molecular Physiology Section](#) gives awards to early career investigators, postdoctoral researchers, as well as graduate and undergraduate researchers to recognize meritorious research. *Abstracts are due in mid-November, with a final application due by December 31, 2017.*

- **NEH-Mellon Fellowships for Digital Publication**

Through [NEH-Mellon Fellowships for Digital Publication](#), the National Endowment for the Humanities and The Andrew W. Mellon Foundation jointly support individual scholars pursuing interpretive research projects that require digital expression and digital publication. To be eligible for this opportunity, an applicant's plans for digital publication must be essential to the project's research goals. NEH-Mellon Fellowships for Digital Publication cover periods lasting from six to twelve months at a stipend of \$4,200 per month. The maximum stipend is \$50,400 for a twelve-month period. *Application deadline: April 11, 2018*

RCA Awards Bioinformatics Seed Grants

The Research and Creative Activity Office has announced awards for Round 4 of the Bioinformatics Seed Grant Program. These seed grants are intended to launch promising new research projects in bioinformatics, bringing them to the point where they can attract more funding from external sources.

Awards have been made for the following projects:

- Jill Hamilton, Biological Sciences
Project Title: The impact of polyploidy and hybridization in evolutionary diversification
\$24,160
- Rick Jansen, Public Health; Peter Bergholz, Microbiological Sciences; Stephanie Day, Geosciences
Project Title: Approach for identifying genome-wide interactions important in pathogenicity of Escherichia coli
\$55,750

Be Sure You Have Identified Keywords in Your Pivot Profile

Your weekly grant email alerts from [Pivot](#) are only as good as the information in your Pivot profile or your Pivot saved searches. For this reason, faculty members are encouraged to keep their expertise profiles up-to-date. One tip to improve the quality of your grant alerts is to be sure you have terms entered in the **Keywords** field of your expertise profile. Although Pivot is able to use “key” words found in any field of your profile, it is especially helpful if you have browsed through the Pivot keyword thesaurus to find the specific terminology that Pivot uses to describe your research interests and have entered those specific terms in the keyword field. The Pivot keyword thesaurus can be found by clicking into the Keywords field. When you log into Pivot and click into your profile, click on the button that says “Edit Profile.” Once in the edit mode, scroll down to the keywords field, browse the thesaurus, and enter as many keywords as you’d like in your profile. The Keywords field is also available when you are conducting grant searches in Pivot. If you have questions or need help with this, email kay.sizer@ndsu.edu in Research Development.

Council on Undergraduate Research Posters on the Hill 2018

Applications can now be submitted for the 22nd annual Posters on the Hill event in Washington, DC, sponsored by the [Council on Undergraduate Research \(CUR\)](#). This competitive event gives students the opportunity to showcase their research to congressional members, meet with their representatives, and learn about advocacy for undergraduate research. Applications will be accepted until November 1, 2017.

The [NDSU EXPLORE](#) program will provide travel funding for up to two NDSU students and one faculty advisor who meet [eligibility requirements](#) and are selected to participate.

For more information on the event, including the registration link, visit the [Posters on the Hill 2018 website](#).

CCAST Executive Director Hired

Dr. Dana (Dane) Skow has been hired as the Executive Director of the Center for Computationally Assisted Science and Technology (CCAST). He will begin his position at NDSU on October 23.

Dr. Skow brings more than 25 years of experience in high-performance computing and large volume, high-velocity data-driven research, including positions at the University of Colorado-Boulder, University of Wyoming, the National Science Foundation, Argonne National Lab and Fermilab. He has been involved with a number of US National and International organizations including TeraGrid, Open Science Grid, Global Grid Forum, Research Data Alliance, and the Coalition for Academic Scientific Computation.

Dr. Skow earned a PhD in High Energy Physics from the University of Rochester, NY, and an undergraduate degree in Math and Physics from Augustana College, IL. He is a native of Sioux Falls, SD but has lived in the Chicago area most of his career. He and wife Nancy have three grown daughters working on the East Coast.

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:

- Oct. 17, 2017 | 11:00 a.m. – 12:00 p.m. | Engineering Admin Building 106
- Nov. 15, 2017 | 11:00 a.m. – 12:00 p.m. | Barry Hall Eide Bailly Conference Room
- Dec. 7, 2017 | 1:00 p.m. – 2:00 p.m. | Minard Hall 302



Gear up for Grants Seminar: Finding Federal Funding – The Budget Factor

David B. Lee will provide an overview of the federal budget and how that impacts federal research and development funding. For more than fifteen years, Mr. Lee has been an advocate for NDSU in Washington, DC, and has served as the institution's registered lobbyist.

Jolynne Tschetter from the NDSU Office of Research and Creative Activity will provide information on the federal programmatic request process. NDSU may submit a limited number of requests for consideration by the North Dakota Congressional Delegation as part of the annual appropriations cycle. This session will involve discussion of this opportunity and NDSU's submission process.

Gear up for Grants: Finding Federal Funding – The Budget Factor

Tuesday, October 17, 2017 | 3:00 p.m. – 4:30 p.m. | Memorial Union, Hidatsa Room

[Register for this workshop>>](#)



Proposal and Award Management Session #7

The next session in the Proposal and Award Management series will be held on **Thursday, October 19, from 11:00 – 11:45 a.m. in the Quentin Burdick Building (QBB), room 422.** The topic area for this meeting is Research Development Services and Tools. This session will cover resources available for finding funding opportunities and assisting with the development of grant proposals.

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.



NDSU IACUC Rodent Training Series

Session 1-The Lab Mouse and You!-Mouse Handling and Husbandry Basics

This session will cover mouse handling, restraint, and various procedures as well as welfare and documentation requirements. The training is open to faculty, staff, and students.

Wednesday, October 25, 2017 | Van Es Teaching Laboratory | 3:00-4:00 p.m.

Space is limited! [**REGISTER NOW!**](#)



Support Undergraduate Researchers – Attend the NDSU EXPLORE Showcase November 1

The 2017 NDSU EXPLORE Undergraduate Research Showcase will take place November 1, 2017, in the NDSU Memorial Union. Students present their creative projects, whether complete or in-progress, as a poster, oral presentation, or other format. We encourage you to attend in support of the student researchers. For more information, visit the [NDSU EXPLORE](#) page online, or find [NDSU EXPLORE on Facebook](#).



Morning Student Presentation Session

Wednesday, November 1, 2017 | 9:30 a.m. -11:30 a.m. | Memorial Union, 2nd Floor

Afternoon Student Presentation Session

Wednesday, November 1, 2017 | 1:00 p.m. -3:00 p.m. | Memorial Union, 2nd Floor



Engaging Undergraduates in Knowledge Creation, Entrepreneurship, and Leadership – NDSU EXPLORE Keynote

Mahesh Daas, Dean of the School of Architecture and Design at the University of Kansas, will present “An Inconvenient Education for an Uncertain Future” at the [NDSU EXPLORE](#) Showcase. Daas will detail select organizational and educational models of experiential/design pedagogy and research that engage undergraduate students in knowledge creation, entrepreneurship, and leadership aimed at developing self-actualized individuals who can innovate under conditions of uncertainty.

Daas’ latest book, “Towards a Robotic Architecture,” defines robotics research in architecture on Earth and Mars. He earned his bachelor’s degree in architecture from Jawaharlal Nehru Technological University, Hyderabad, India; his master’s degree in urban design from Kansas State University; and his doctorate in higher education management from the University of Pennsylvania.

An Inconvenient Education for an Uncertain Future | Mahesh Daas, Ed. D., DPACSA

Wednesday, November 1, 2017 | 8:30 a.m. - 9:30 a.m. | Memorial Union Great Room



NSF Fall 2017 Virtual Grants Conference

The National Science Foundation will live stream the plenary sessions of the Fall 2017 NSF Grants Conference November 13-14, 2017. Agenda topics include Proposal Preparation, the Merit Review Process, Award Management, NSF Policy Update, and the NSF CAREER Program. To view the complete schedule and to register to attend the conference virtually, visit the [conference website](#).



Gear up for Grants: Grant Writing Workshops

Lucy Deckard, a consultant with [Academic Research Funding Strategies, LLC](#), will present a series of grant writing workshops in November:

Gear up for Grants: Pursuing Funding for Large Team and Center Grants

Monday, November 20, 2017 | 8:30 a.m. – 12:30 p.m. | Memorial Union, Badlands Room

This workshop is interactive and geared toward mid-career and senior faculty who are ready or considering applying for large team or center grants within the next few years.

Workshop spots are limited. [Register for this workshop >>](#)

Gear up for Grants: How to Write Successful Grants for Instrumentation

Tuesday, November 21, 2017 | 8:00 a.m. – 10:00 a.m. | Memorial Union, Room of Nations

This session discusses grants that fund instrumentation and equipment and how to develop a successful proposal for these types of grants.

[Register for this workshop >>](#)

Gear up for Grants: Pursuing Funding in the Humanities and Social Sciences

Tuesday, November 21, 2017 | 10:30 a.m. – 12:30 p.m. | Memorial Union, Room of Nations

This session discusses the types of funding available to support research in the humanities and humanities-related social sciences and how to be competitive when applying for these opportunities.

[Register for this workshop >>](#)



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