



*December 7, 2015 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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## **Proposal Writing Workshop : Early Investigator Programs – [Register Now!](#)**

On January 11, 2016, The Implementation Group (TIG) will present an Interactive Video Seminar on proposal writing specifically focused on early investigator programs. Kelvin Chu, Vice President of TIG, will be the primary presenter for this seminar. Dr. Chu brings significant experience with research development, program building, and administration of research capacity-building programs, in both academia and at the federal level. He served as a Program Officer at the National Science Foundation (NSF) in the Experimental Program to Stimulate Competitive Research (EPSCoR). Following the seminar, the presenters will be available to meet one-on-one (via online meeting) with attendees to discuss specific proposal plans for new investigator programs. Space is limited, and **preference will be given to faculty who are eligible to apply for new investigator programs**. For questions related to this workshop or one-on-one meetings, please contact NDSU Research Development at [ndsu.researchdev@ndsu.edu](mailto:ndsu.researchdev@ndsu.edu).

Date: January 11, 2016

Time: 9:00am-12:00pm

Location: Quentin Burdick Building Room 422

[Register Now!](#)

## NSF Dear Colleague Letter

The NSF Directorate for Engineering has just published NSF 16-028 “Dear Colleague Letter: Germination of Research Ideas for Large Opportunities and Critical Societal Needs (GERMINATION)”. This Dear Colleague Letter (DCL) seeks EAGER (**E**arly-concept Grants for **E**xploratory Research) proposals with exploratory ideas to design learning frameworks, platforms and/or environments to enable participants to conceive research ideas and questions with potentially transformative outcomes, that address important societal needs. NSF welcomes novel approaches to educate and nurture early- and/or mid- career faculty, as well as graduate students and post-doctoral fellows, to develop research concepts and questions that are not only transformative but also have the potential to address important societal needs. Proposals should focus on the development of key skills and mindsets that will increase the capacity of participants to identify big opportunities, think creatively, explore novel research formulations, and take intellectual risk.

The full text of the announcement is available at: <http://www.nsf.gov/pubs/2016/nsf16028/nsf16028.jsp?org=NSF>

Submission deadline: 5pm on January 19<sup>th</sup>, 2016 (submitters’ local time)

**An informational Webinar will be held on December 10<sup>th</sup>, 2015 at 11AM EST.**

Please visit <http://www.nsf.gov/eng/efma> for more information about the webinar.



## Proposals sought for second round of the Sanford Health NDSU Collaborative Research Seed Grant Program

The second round of funding through the Sanford Health NDSU Collaborative Research Seed Grant Program opens today. Proposals will be due by 5:00 PM on February 16, 2016. The full Request for Applications and Application form can be downloaded from [https://www.ndsu.edu/research/research\\_development/funding\\_opportunities/](https://www.ndsu.edu/research/research_development/funding_opportunities/).



## RCA Awards Bioinformatics Seed Grants

The Research and Creative Activity Office has completed two rounds of funding for seed programs in bioinformatics. 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:

Xuehui Li, Changhui Yan, Gang Shen

*Plant Sciences, Computer Science, Statistics*

Project Title: Development of bioinformatics tools for next-generation sequence data analysis for polyploid crops  
\$39,897

Peter Bergholz, Brian Slator, Anne Denton

*Veterinary and Microbiological Sciences, Computer Science*

Project Title: Laying a foundation of bioinformatics methods for integrated structure and function analysis in microbiome studies  
\$39,926

Lauren Hanna

*Animal Science*

Project Title: Building a bioinformatics infrastructure by genetically characterizing a commercial beef cow herd for longevity and efficiency attributes  
\$15,000

Shaobin Zhong, Changhui Yan, Gang Shen

*Plant Pathology, Computer Science, Statistics*

Project Title: Develop bioinformatics pipelines for dual RNA-seq analysis of plant pathogen interactions  
\$39,318

It is anticipated that another RFP will be issued in early spring 2016 for this program.



### **Employment of Relatives as a COI**

NDSU's policy on employment of relatives is found in Section 110 of the NDSU Policy

Manual: <https://www.ndsu.edu/fileadmin/policy/110.pdf>. Any employee that has a direct or indirect personal or financial interest that could create a conflict of interest or the appearance of a conflict of interest in an agreement is required to disclose the (potential) conflict of interest to their supervisor for management. (See Section 151 (3.1) <https://www.ndsu.edu/fileadmin/policy/151.pdf>) In terms of the submission of proposals, the "COI" box found just above the signature lines should be marked "Yes" if there is an "immediate family" relationship, as defined by Section 110(3), between a PI and/or co-PI(s) or other personnel that will be compensated from the award if the proposal is successful. This will enable proper oversight of the conflict of interest.



### **Guidelines for Unmanned Aircraft Use in NDSU Research**

A guideline document has been written to assist NDSU researchers who intend to use an Unmanned Aircraft System (UAS) for their research. The document provides information about the process that must be followed to meet Federal Aviation Administration (FAA) regulations. The FAA has made it clear that model aircraft (hobbyist) rules cannot be used for flight operations related to one's occupation, thus any university research must be conducted under the regulations for public or civil aircraft operations. NDSU is a partner with the Northern Plains UAS Test Site (NP UAS TS), one of six FAA-designated test sites in the country. Through this partnership NDSU researchers are able to utilize Certificates of Authorization (COAs) that have already been granted to the NP UAS TS by the FAA. These COAs allow UAS flight operations across the entire state of North Dakota. To obtain a copy of the guideline document or to discuss your specific UAS project interests please contact Aaron Reinholz at 231-5338.



### **IRB Consent Form update**

Reminder - The phone number for reporting a participant complaint has changed. Please modify your consent forms. The local contact for the IRB office is 701.231.8995, toll-free 855.800.6717.



### **Sections of NDSU Policy 813 are of significant interest and application to all PI's when completing a grant or contract proposal budget**

Section 5. Unless specifically prohibited by the Sponsoring Agency, the inclusion of indirect costs is required in every grant and contract budget. (Please remember to provide the guidelines from the Sponsoring Agency if indirect costs are limited.)

Section 6. Of the indirect costs drawn as expenses are incurred, 42.0% will be allocated back to the generating colleges or units; 16% will be allocated back to the Office of the President (for Research); and 42.0% to the Office of the President. Allocation exceptions must be approved by the President.



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