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](https://www.ndsu.edu/research/research_operations/).

**NOTICES**
- Research Operations Recharge Center Information
- New IBC Submission Form Available Online
- Survey of University/Industry Interaction

**EVENTS**
- Life Cycle of the Award Series
- Gear up for Grants: Utilizing Institutional Data in Grant Proposals

**PROPOSAL RESOURCES**
- Developing a Budget Justification

**FUNDING OPPORTUNITIES**
- NSF Funding Opportunity: Data Infrastructure Building Blocks (DIBBs)
- Burroughs-Wellcome Fund Collaboration Travel Grants – Application Deadline Feb. 1, 2016

Research Operations Recharge Center Information
Research Operations has a new website! [https://www.ndsu.edu/research/research_operations/](https://www.ndsu.edu/research/research_operations/) Please visit this site to obtain information regarding the use of the tools managed by the Research Operations Recharge Center. Future additions to this site will include a brief description of the tools available. The forms for billing and tool reservation are now located on this website. Previous email links to these forms should be discarded.
**Equipment Reservations:**
The RCA Research Operations Service/Recharge Center has implemented a new process for scheduling access to equipment that allows reservations to be made through the Microsoft Outlook calendar. The details for this process are included in the Research Operations Standard Operating Procedure which can be accessed [here](#). Contact Aaron Reinholz (1-5338 [aaron.reinholz@ndsu.edu](mailto:aaron.reinholz@ndsu.edu)) for more information or with questions.

**Billing Procedures:**
The RCA Research Operations Service/Recharge Center has implemented new electronic billing procedures. Any researcher/Principle Investigator (PI)/group member who wishes to utilize the service center’s tools and/or services must have a Billing Authorization Form on file with RCA which authorizes the service center to electronically bill for those services. PIs will assign a 3-letter code to their funding source and users must enter the 3-letter code on the tool-use logs. Users will not be able to use the tools and/or services without an approved 3-letter code. PIs can find the Billing Authorization Form [here](#). The hours of operation for the service center tools are the regular NDSU business hours. Contact Becky Hellman (1-5872 [becky.hellman@ndsu.edu](mailto:becky.hellman@ndsu.edu)) for more information or with questions.

**New IBC Submission Form Available Online**
A new Institutional Biosafety Committee (IBC) submission form is now available on the [IBC website](http://ibc.ndsu.edu). Before you start to fill out the form, please download and save the form in your files. Once you have a saved copy you will be able to complete and electronically sign the form. When you have completed the form, send (via email) a signed copy to your department chair. The Chair will be able to electronically sign the form and hit the “submit by email” button and the form will automatically be routed to the IBC Office.

If you experience problems with the form, it may be a browser issue. The forms tend to work best with Internet Explorer. Also, the form functions best in Adobe Professional; if you have upgraded to Adobe Reader ‘DC’ or Adobe Pro ‘DC’ you may experience some difficulties with the electronic signature/email submission capabilities. If this is the case, the form will need to be printed out and signed, then sent through campus mail or scanned and submitted. Please contact Julie Sherwood (1-8908 [j.sherwood@ndsu.edu](mailto:j.sherwood@ndsu.edu)) with any questions.

**Survey of University/Industry Interaction**
As a land grant university, NDSU has a long standing history of engaging with our stakeholders. A survey has been developed to provide information about NDSU’s interactions with companies and other external partners. We are asking all campus employees to fill out the survey regardless of the level of external engagement to develop a baseline of the level of external engagement across campus and the most prevalent activities with these partners. The survey is located at [https://ndstate.co1.qualtrics.com/SE/?SID=SV_cvbH9zqWlfbhH1X](https://ndstate.co1.qualtrics.com/SE/?SID=SV_cvbH9zqWlfbhH1X)

**Life Cycle of the Award Series**
**Award Negotiation and Acceptance – 3 Part Series**
The Award Negotiation and Acceptance webinar is a three-part series that focuses on negotiating with a sponsor, identifying problematic contract terms and conditions, and navigating solutions that will satisfy both your sponsor and your institution.
• Part 1, January 20, 2016. 1:00pm – 2:30pm: Century Theater, Memorial Union
• Part 2, January 27, 2016. 1:00pm – 2:30pm: Century Theater, Memorial Union
• Part 3, February 3, 2016. 1:00pm – 2:30pm: Research 1, Room 148/154

If you have questions please contact SPA, 231-8045. For more information on this series, click here.

**Gear up for Grants: Utilizing Institutional Data in Grant Proposals**
This session will provide an overview of NDSU’s Office of Institutional Research and Analysis (OIRA), including information on what data is collected and the analysis and reporting of the data on the NDSU community. Collaboration with the OIRA will also be discussed.
Paul Kelter from the Office of Teaching and Learning will present on how institutional data was utilized in the recently funded $2.6M NSF Improving Undergraduate STEM Education proposal entitled “Gateways-ND.”
For questions related to this seminar, please contact NDSU Research Development at ndsu.researchdev@ndsu.edu.

Date: January 20, 2016
Time: 3:00pm-4:30pm
Location: Memorial Union Arikara Room
Register Now!

**Developing a Budget Justification**
A budget justification provides the sponsor and reviewers information on how budget costs were estimated and justifies the need for the cost by providing a more detailed explanation of the budget items. Listed below are helpful tips when developing the justification:

- Follow the budget categories as listed in the sponsor’s budget form so that easy comparisons can be made.
- Explain why each item in the budget is necessary to accomplish proposed project.
- Keep it easy to read and include headings to separate budget categories.
- Dollar amounts listed in the justification should match the amounts listed in the budget.
- Read sponsor guidelines carefully to ensure format of budget justification conforms to any page limitations and any other sponsor specific requirements.

If you have any questions concerning budget preparation or the budget justification, please contact Cindy Eleson at (1-5259) cindy.smelsereleson@ndsu.edu.

**NSF Funding Opportunity: Data Infrastructure Building Blocks (DIBBs)**
DIBBs is a multi-directorate activity, and each directorate has specific areas of interest for this program. Many of these priorities intersect with the grand challenges identified in NDSU’s Strategic Plan. For detailed information on specific priorities for each directorate, consult the program solicitation under “Programmatic Areas of Interest.”

Program Name: Data Infrastructure Building Blocks (DIBBs)
Program Solicitation: 16-530
Proposal Deadline: April 04, 2016

The NSF vision for a Cyberinfrastructure Framework for 21st Century Science and Engineering (CIF21) considers an integrated, scalable, and sustainable cyberinfrastructure to be crucial for innovation in science and engineering (see
www.nsf.gov/cif21. The Data Infrastructure Building Blocks (DIBBs) program is an integral part of CIF21. The DIBBs program encourages development of robust and shared data-centric cyberinfrastructure capabilities, to accelerate interdisciplinary and collaborative research in areas of inquiry stimulated by data.

DIBBs investments enable new data-focused services, capabilities, and resources to advance scientific discoveries, collaborations, and innovations. The investments are expected to build upon, integrate with, and contribute to existing community cyberinfrastructure, serving as evaluative resources while developments in national-scale access, policy, interoperability and sustainability continue to evolve.

Effective solutions will bring together cyberinfrastructure expertise and domain researchers, to ensure that the resulting cyberinfrastructure address researchers’ data needs. The activities should address the data challenges arising in a disciplinary or cross-disciplinary context. The projects should stimulate data-driven scientific discoveries and innovations, and address broad community needs.

Burroughs-Wellcome Fund Collaboration Travel Grants – Application Deadline Feb. 1, 2016
The Burroughs Wellcome Fund is offering Collaborative Research Travel Grants (CRTG) for biomedical researchers. The grant provides up to $15,000 for domestic or international travel to visit labs at other institutions to learn new research techniques, or to begin or continue research collaboration. CTRG funds can be applied towards airfare, accommodations, meals, ground transportation, and other travel expenses — as well as lab supplies and other material expenses required for the visit. CTRG funds can be used to support as many trips as are needed, as long as travel takes place between June 1, 2016 and December 31, 2017. Special consideration will be given to applicants who have doctorate level training in the physical, mathematical, or engineering sciences and are working on biomedical problems. Applications are due on February 1, 2016.

For more information, including eligibility, please visit the Collaborative Research Travel Grants webpage.

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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