Welcome to the Research and Creative Activity Update!
The Office of Research and Creative Activity wants to make sure you are provided with up-to-date information pertaining to research and scholarly activities and opportunities. Thus, to share information quickly rather than through multiple emails, we will continue to 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](http://www.ndsu.edu/research/).

**EVENTS**
- Support Undergraduate Researchers – Plan to Attend the NDSU EXPLORE Showcase November 1
- Save the Date for Upcoming Gear up for Grants Seminars
- Fall 2016 NSF Grants Conference – Live Webcast
- NSF Webinar on changes to PAPPG – November 7, 2016

**NOTICES**
- IME 427/627 Lab Being Taught in NDSU Cleanrooms
- Technology Transfer Office Updates Reporting Forms
- New and Revised IRB forms

**FUNDING OPPORTUNITIES**
- SBIR/STTR Funding Opportunities

**Support Undergraduate Researchers – Plan to Attend the NDSU EXPLORE Showcase November 1**
The 2016 NDSU EXPLORE Undergraduate Research Showcase will take place November 1, 2016 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](http://www.ndsu.edu/explore/) page online, or find [NDSU EXPLORE on Facebook](http://www.facebook.com/ndsuexplore).
Save the Date for Upcoming Gear up for Grants Seminars
Mark your calendars for these upcoming Gear up for Grants Seminars:

**Working with Industry**
*Tuesday, November 15, 2016 | 3-4:30pm | Memorial Union Hidatsa Room*

**Research Results: Beyond Publishing – Intellectual Property, Licensing to Companies, Starting a Company**
*Wednesday, December 14, 2016 | 3-4:30pm | Memorial Union Hidatsa Room*

For more information, visit the [Research and Creative Activity Calendar](#).

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**Fall 2016 NSF Grants Conference – Live Webcast**
The Fall 2016 NSF Grants Conference General Sessions will be webcast live to the research community on November 14-15, 2016. View these sessions to gain key insight into a wide range of current issues at NSF including the state of current funding, new and current policies and procedures, and pertinent administrative issues.

The sessions will be broadcast on November 14 and 15 in the Memorial Union Century Theater. Please feel free to come and go as you are able.

[Check out the webcast agenda](#) to plan which sessions you would like to attend. Please note that agenda times are *Eastern, not Central*.

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A revised version of the NSF [Proposal & Award Policies & Procedures Guide](#) (PAPPG), (NSF 17-1) has been issued. The PAPPG has been modified in its entirety, to remove all references to the Grant Proposal Guide (GPG) and Award & Administration Guide (AAG). The document will now be referred to solely as the NSF Proposal & Award Policies & Procedures Guide. The document will be sequentially numbered from Chapter I-XII and all references throughout have been modified to reflect this change. Given the number of important revisions, the community is strongly encouraged to review the by-chapter summary of changes provided at the beginning of the PAPPG.

The new PAPPG will be effective for proposals submitted, or due, on or after January 30, 2017. In addition to the significant change mentioned above, other revisions include:

- Addition of new sections on Special Processing Instructions and Types of Proposals, including two new types, RAISE and GOALI;
- Additional instructions for proposers on completion of the Collaborators and Other Affiliations information;
- Supplemental guidance on submission of proposals by organizations impacted by a natural or anthropogenic disaster;
- Implementation of 45 CFR 690.118 for applications and proposals lacking definite plans for involvement of human subjects;
- Update on the type of information that NSF may request from proposers with regard to Federal environmental statutes;
- Supplemental information regarding treatment of NSF awards with canceled appropriations; and
- Numerous other changes and clarifications throughout the document.

You can view a complete list of [changes and clarifications](#) online.

NDSU is facilitating an NSF webinar on these changes. The webinar will be held **Monday, November 7, 2016 from 12-1:30pm in QBB 422**.
IME 427/627 Lab Being Taught in NDSU Cleanrooms

The IME/ECE 427/627 Packaging for Electronics course is utilizing the cleanroom facility for lab sessions again this year. The lab is taught in the Class 100 and Class 10,000 cleanrooms within the Research 2 building at the Research and Technology Park. The current class consists of 20 students split into four groups of five that meet for a duration of six weeks. The lab sessions involve building an actual chip scale package. Class reports and presentations allow the students to demonstrate the processes they have learned.

The NDSU cleanrooms provide access to specialized equipment and processes for research as well as the capability of teaching labs for thin and thick film technology, photolithography, chip scale packaging, and surface technology. These processes are used in such areas and electronic device fabrication, nano-technology, devices, MEMS, and industrial engineering. The opportunity to learn these processes provides students a hands-on experience they would typically only obtain when working in industry after graduation. This class is a collaborative effort between RCA, ECE, and IME departments at NDSU.

Technology Transfer Office Updates Reporting Forms

The Technology Transfer Office recently updated the intellectual property (invention) reporting forms. These include the Horticulture Disclosure Form, the Plant Variety Disclosure Form, the Invention Reporting Forms (Part A and B), and the Software Reporting Form. The new forms can be accessed at our website: https://www.ndsu.edu/research/tech_transfer/forms/.

The forms are now in a Word version, which should be compatible with all computers. If you have older versions saved on your computer, please discard them and use these going forward. Questions?? Please call our office (1-6681).

New and Revised IRB forms

In an effort to streamline IRB review and reporting procedures, new and revised forms are available on the Forms page of the IRB website.

- IRB Application: Research Involving Existing Records/Data/Specimens: This new form has been developed for projects utilizing existing datasets, records or specimens which already exist or which will be collected for non-research purposes (e.g. retrospective chart reviews, using of academic records for research). This form should be used when there is no interaction or intervention with human participants.
- Protocol Deviation Report: This new form has been developed to report departures from the approved IRB protocol.
- IRB Protocol Form: While the format and subheadings of the IRB protocol have remained consistent, the IRB has provided additional clarification as to what type of information is being sought in each section. Additional checkboxes and guidance have been provided to assist the researcher in describing each area of the research project.

As NDSU moves toward an electronic research administration system, the IRB will continue to seek ways to streamline and improve the submission processes.

SBIR/STTR Funding Opportunities

The National Center for Advancing Translational Sciences (NCATS) offers small business funding opportunities through its Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs for entrepreneurs aiming to commercialize new technologies and platforms that can improve translational research and
health care. Please review the NCATS Open Small Business Opportunities site for updates to learn about current funding opportunities, and submit applications for open contract and grant funding. For additional guidance and information about the application, check out the NIH’s SBIR and STTR resources, including the application process infographic and the Top eRA Commons Errors.

Several NCATS, SBIR, and STTR grant and contract funding opportunities are open now, and these programs offer many benefits. Find out about the open small business funding opportunities from NCATS and consider applying today. There is always value in reaching out to NCATS-SBIRSTTR@mail.nih.gov with any questions you might have. The project directors are a great resource for businesses applying or considering it.

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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