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.nodak.edu/researchandcreativeactivity).

**EVENTS**
- [Encourage Your Students to Register for NDSU EXPLORE – November 1, 2016](http://www.ndsu.nodak.edu/ndsuexplore)
- [Forums on Research and Scholarly Activity](http://www.ndsu.nodak.edu/researchandcreativeactivity) – Please note the change of location on October 13 to the Century Theater

**FUNDING OPPORTUNITIES**
- [Notification Due Date for Upcoming Limited Submission Program](http://www.ndsu.nodak.edu/researchandcreativeactivity)

**NOTICES**
- [No-Cost Time Extensions](http://www.ndsu.nodak.edu/researchandcreativeactivity)
- [NIH Develops One Page Guide to Address Rigor and Reproducibility](http://www.ndsu.nodak.edu/researchandcreativeactivity)
- [Research 2 Cleanrooms Offer Unique Patterning Capabilities](http://www.ndsu.nodak.edu/researchandcreativeactivity)
- [New Hire in Sponsored Programs Administration](http://www.ndsu.nodak.edu/researchandcreativeactivity)

**Encourage Your Students to Register for NDSU EXPLORE – November 1, 2016**
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. Encourage your students to register to present their research and scholarly projects. For more information, including the registration link, visit the [NDSU EXPLORE](http://www.ndsu.nodak.edu/ndsuexplore) page online.
Forums on Research and Scholarly 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:

- October 13, 2016 | 1:00pm-2:00pm | Memorial Union Century Theater
- November 17, 2016 | 1:00pm-2:00pm | Memorial Union Badlands Room
- December 8, 2016 | 1:00pm-2:00pm | Memorial Union Badlands Room

Notification Due Date for Upcoming Limited Submission Program
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:

- NSF I-Corps Sites – notification due 11/2/2016 - For more information on the program, read the program guidelines online (NSF 16-547).

No-Cost Time Extensions
A no-cost extension is an extension of the period of performance without additional funds. Funding agencies will generally allow for no-cost time extensions on grant projects. Depending on its policy, an agency may allow a grantee institution to approve a time extension, or the granting agency itself may need to approve the time extension. Some agencies also require that extension requests be submitted a specified amount of time in advance of the grant expiration date. Consult your grant agreement or grant agency policy to verify eligibility of a project for an extension and for additional instructions. Requests for no-cost extensions should be routed to the Sponsored Programs Administration (SPA) office. SPA will make the formal request for the extension to the sponsor. For more information, including how to request a no-cost time extension, review the SPA’s web page for Pre- and Post-Award Administration.

NIH Develops One Page Guide to Address Rigor and Reproducibility
The National Institutes of Health (NIH) has developed a one-page guide to explain how to address rigor and reproducibility in your NIH application. This new resource walks through each of the four key areas of scientific rigor, explaining how and where to address each area in your application. The guide also links to additional resources in case you need more in-depth information on any of the four key areas. You can access and download the guide on the NIH website.
Research 2 Cleanrooms Offer Unique Patterning Capabilities

The Microfabrication Laboratory located in the class 100 cleanrooms offers capabilities to create patterns to meet your research needs. Patterning of various material allows researchers to create sensors, active devices, fluidic wells, channels, microstructures, electrical conductors, and selective coatings.

These patterns can be created in multiple forms of materials including spin on polymers, laminated sheets, electroplated materials, deposited materials, and bulk material. Both additive and subtractive technology can be used to achieve your desired pattern. This example is a micro-hotplate designed and fabricated in Research 2 for a sensor application. It consists of a heater element and a Resistive Temperature Detector (RTD) to monitor the temperature of the plate. The size of the heater element can be 100 times smaller than the diameter of your hair!

The Research Operations staff would be happy to discuss your ideas and assist in your research objectives. Contact Greg Strommen (greg.strommen@ndsu.edu) for more information on the Microfabrication Laboratory.

New Hire in Sponsored Programs Administration

Wayne Wermager joined Sponsored Programs Administration on September 26th as a second Budget & Program Officer. In this role, he will provide assistance with non-financial post-award items, proposal budget review and approval, and assist with electronic proposal submissions for NDSU.

Wayne has a Bachelors Degree in Business Administration, and spent almost 8 years with Noridian as a Vendor Management Office (VMO) Manager. Prior to that Wayne was with EduTech for close to 11 years, where he managed an E-Rate federal funding program. Wayne’s email is wayne.wermager@ndsu.edu and his phone number is 231-8898.