Welcome to the Research and Creative Activity Update!
To share information quickly rather than through multiple emails, we 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://rca.ndsu.edu).

**EVENTS**

- Register Now for Upcoming Gear up for Grants Seminars
- NSF Career Proposal Development Program

**FUNDING OPPORTUNITIES**

- Notification Due Dates for Upcoming Limited Submission Programs
- Fellowship Opportunity for Women Post-Doctoral Researchers
- Internal RCA Funding Available

**NOTICES**

- Magnetron Sputtering Capabilities at NDSU
- Revised Version of NSF Grants.gov Application Guide Issued

Register Now for Upcoming Gear up for Grants Seminars
Mark your calendars for these upcoming Gear up for Grants Seminars:

**Research Results: Beyond Publishing – Intellectual Property, Licensing to Companies, Starting a Company**
*Wednesday, December 14, 2016 | 3-4:30pm | Memorial Union Hidatsa Room*
[Register Now!](http://example.com/register)

**Best Practices and Tips for Creating a Successful Proposal Budget**
*Thursday, January 19, 2017 | 3-4:30pm | Memorial Union Hidatsa Room*
[Register Now!](http://example.com/register)

For more information, visit the [Research and Creative Activity Calendar](http://rca.ndsu.edu).
NSF CAREER Proposal Development Program
The Research Development Office is implementing an initiative for faculty interested in applying to the NSF CAREER program. The initiative will consist of group and one-on-one sessions to assist in the development of the proposal, leading up to the application deadline in late July. Topics and assistance will cover:
- Review of NSF Solicitation Requirements
- Q&A Session with current NDSU NSF CAREER Awardees
- Budget development assistance
- Tools and resources for development of broader impact initiatives and program evaluation
- Proposal editing
- Assistance with supplementary documents and compliance with the solicitation
If you are interested in the NSF CAREER program and would like to participate in this initiative, please email ndsu.researchdev@ndsu.edu.

Notification Due Dates for Upcoming Limited Submission Programs
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 programs:
- NSF INCLUDES Design and Development Launch Pilots – Notification due 12/12/2016. For more information on the program, read the program guidelines online (NSF 17-522)
- NSF Scholarships in Science, Technology, Engineering and Mathematics program (S-STEM) – Notification due 1/10/2017. For more information on the program, read the program guidelines online (NSF 17-527)
- NIH Research Initiative for Scientific Enhancement (RISE) (R25) – Notification due 2/1/2017. For more information on the program, read the program guidelines online (PAR-16-361)

Fellowship Opportunity for Women Post-Doctoral Researchers
Applications for the 2017 L’Oréal USA For Women in Science fellowship program are now open and are due on Friday, February 3, 2017. The L’Oréal-UNESCO For Women in Science program recognizes and rewards the contributions women make in STEM fields and identifies exceptional women researchers committed to serving as role models for younger generations. More than 2,250 women scientists in over 110 countries have been recognized since the program began in 1998.

In the US, the For Women In Science fellowship program awards five post-doctoral women scientists annually with grants of $60,000 each. Applicants are selected from a variety of fields, including the life and physical/material sciences, technology (including computer science), engineering, and mathematics.

The application and more information about the program can be found at www.lorealusa.com/forwomeninscience.

Internal RCA Funding Available
NDSU continues to move forward in meeting the overall goals and metrics of its Strategic Plan. As part of this effort, the Research and Creative Activity Office is making available a limited pool of internal dollars to fund research, creative and scholarly activities that help meet the goals and metrics of the Research and Discovery component of the Strategic Plan. Request for funds can be made in the following categories: seed awards, research development travel awards, equipment repair, undergraduate research awards, and research support services.
Specific information about the available funding can be found at: https://www.ndsu.edu/research/rca_funding_opportunities

For questions, please contact Dr. Kelly A. Rusch, Vice President for Research and Creative Activity (1-6542, kelly.rusch@ndsu.edu).

Magnetron Sputtering Capabilities at NDSU
The cleanrooms in NDSU’s Research Park offer researchers various options in Magnetron Sputtering Capabilities. Currently, there are two Kurt J. Lesker CMS-18 PVD sputtering systems in operation at NDSU. The PVD1 system is utilized for the deposition of metals on various substrates. The functionality of these metal films is vast and includes; electrical signal paths, antennas, resistors, inductors, heater elements, RTD sensors, sensor arrays, ITO films, diffusion barriers, and etch stop layers just to name a few. The PVD2 system is utilized for reactive sputtering where substrates can be heated up to 1000 °C while co-sputtering of different materials create orientated or amorphous films. Utilizing different gas sources allows you to change the compositions of the films while shutters within the system along with the capability to rotate the substrates, allow for combinatorial depositions as well. Contact Greg Strommen at greg.strommen@ndsu.edu or visit our website for more information.

Revised Version of NSF Grants.gov Application Guide Issued
A revised version of the NSF Grants.gov Application Guide has been issued. The NSF Grants.gov Application Guide has been updated to align with changes to NSF’s Proposal & Award Policies & Procedures Guide (PAPPG) (NSF 17-1). All References to the Grant Proposal Guide (GPG) and Award & Administration Guide (AAG) have been replaced with references to the Proposal & Award Policies & Procedures Guide (PAPPG). Editorial changes have also been made to either clarify or enhance the intended meaning of a sentence or section or to ensure consistency with data contained in NSF systems or other NSF policy documents.

The new NSF Grants.gov Application Guide will be effective for proposals submitted, or due, on or after January 30, 2017.

If you have any questions regarding these changes, please contact Sponsored Programs at 231-8045 or by e-mail to ndsu.research@ndsu.edu.

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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