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.

EVENTS
- Spring Semester Gear up for Grants Seminars

FUNDING OPPORTUNITIES
- Internal RCA Funding and Awards

NOTICES
- RCA Business and Industry Website Update
- Notification Due Date for Upcoming Limited Submission Program
- Transforming Academic Research Into a License
- Kurt J. Lesker CMS-18 High Temp Sputtering System

Spring Semester Gear up for Grants Seminars
Mark your calendars for these upcoming Gear up for Grants Seminars:

Education Outreach: Working with K-12
This seminar will discuss best practices and tips for getting started with outreach to K-12 students. Examples of current programs will be discussed, including the College of Engineering’s STEM Outreach program and the NATURE Sunday Academy program. Topics will include local and regional opportunities, strategies for making connections with schools, as well as experiences and best practices for after school and summer programs. Information will also be provided on compliance considerations that may be applicable when working with K-12 students.
Wednesday, February 15, 2017 | 3-4:30pm | Memorial Union Hidatsa Room
Register Now!

All-Day Interactive Grant Proposal Development Workshop
Facilitated by Lucy Deckard, Academic Research Funding Strategies, LLC
Tuesday, March 21, 2017 | 8:30am-4:30pm | Memorial Union Prairie Rose Room
Register Now!

For more information, visit the Research and Creative Activity Calendar.
Internal RCA Funding and Awards
The Office of Research and Creative Activity is pleased to announce the FY2017 awards made to date for its internal RCA funding programs. Both the program descriptions and awards can be accessed at this webpage: https://www.ndsu.edu/research/rca_funding_opportunities/. Applications to these programs are still being accepted, however funding decisions may be delayed pending availability of funds.

RCA Business and Industry Website Update
The Business Development website has been updated. The website was redesigned to provide more directed information to our two target audiences: 1) businesses looking to work with the university and 2) researchers interested in working with companies. The **Business and Industry section** was redesigned to quickly direct companies to information on Engaging in Research, Engaging with Students, Leveraging Expertise and Taking Ideas to Market. A page is now devoted to **industrial agreements** and includes sample copies of the more common agreements used with industry including the Partnership Agreement required for Research ND proposals. The section of the site **For Faculty and Researchers** is designed to provide information and resources for faculty and other researchers interested in industrial sponsored research. Included in this section of the site are links to external resources, information about the Sanford Seed Grant and all of the Senior Design forms. Additional sections are under development with the goal of a robust website that provides relevant information to both NDSU personnel and companies.

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:

**Fargo Moorhead Area Foundation Community Grants** – Notification due 2/10/2017
The mission of the FM Area Foundation Community Grants is to enrich the community by building partnerships, promoting philanthropy and serving as a trusted resource now and for future generations. The FM Area Foundation addresses needs throughout Cass County, North Dakota, and Clay County, Minnesota, and promotes collaborative efforts to improve lives in these areas. Grants are made in the areas of Basic Human Needs; Community Building; Education; Arts, Culture & Creativity; and the Women’s Fund. **Potential applicants should discuss proposal ideas with Lexi Oestrich, program officer at FM Area Foundation (email lexi@areafoundation.org) before developing a proposal.** Up to seven applications will be accepted per calendar year, from seven different NDSU units.
Transforming Academic Research Into a License

A first step to licensing university research results is to envision a commercial utility for the research that will help identify a licensee. Envision how the research can become a product idea. This means maturing raw research results to something a customer can essentially hold in their hand.

Once there is a product idea, the next step is to define a customer need that the product idea satisfies. The more the customer need is not being met, the better is the potential for the product idea to be successfully licensed. Once the product idea matches the customer need, and that connection can be communicated, there is a business opportunity that can be the basis to begin the licensing process.

If you have questions regarding your research as relating to patenting or commercialization, contact the Technology Transfer Office: Henry Nowak (1-8173 or henry.nowak@ndsu.edu) or Dale Zetocha (1-8931 or dale.zetocha@ndsu.edu).

Kurt J. Lesker CMS-18 High Temp Sputtering System

The Research Operations group would like to highlight our high temperature sputtering system. This system was purchased specifically for the manufacture of tunable ceramic dielectric film growth. This system can heat the substrates up to 1000°C while growing films through normal sputtering. You can also add reactive gases to augment the variability of your films. Shutters on the system add the utilization of combinatorial depositions as well. These depositions are useful when initially trying to locate decisive variables which give you the results you strive to achieve. This system has 3 available targets that are powered by RF power supplies allowing for a substrate bias to be applied. This system may be transitioned to other materials to suit your research needs. To learn more please check out the Research Operations Equipment page or contact Greg Strommen at greg.strommen@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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