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.

FUNDING OPPORTUNITIES
- Upcoming Deadlines for NCATS SBIR/STTR Funding Opportunities
- Sanford Health NDSU Research Seed Grant Request for Applications (RFA) Released

NOTICES
- Electronic Research Administration & Compliance Project Update
- Updated Non-Disclosure Agreement for Academic Projects/Senior Design

EVENTS
- Small Unmanned Aircraft System (sUAS) Training
- FM Area Foundation Program Officer to Present Gear up for Grants Brown Bag Seminar
- All-Day Interactive Grant Proposal Development Workshop

Upcoming Deadlines for NCATS SBIR/STTR Funding Opportunities
There are several open Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) program funding opportunities through the National Center for Advancing Translational Sciences (NCATS) designed to help advance and commercialize translational research technologies.

The next deadline for submitting an application is April 5, 2017, at 5:00 p.m. local time.

NCATS encourages applications in these research areas of interest: drug discovery and development, diagnostics and devices, bioinformatics and information technology and clinical research.

2016 Omnibus Solicitation
NCATS invites research and technology transfer organizations, as well as small businesses, to apply for the 2016 Omnibus Solicitation. Any stage of translation may be addressed in the application, from target validation through pre-clinical and clinical evaluation to intervention, implementation and dissemination.

- SBIR: PA-16-302
Platform Delivery Technologies for Nucleic Acid Therapeutics

- SBIR: PAR-17-035
- STTR: PAR-17-036

Direct Phase II SBIR Grants to Support Biomedical Technology Development

- SBIR: PAR-15-288

SBIR Technology Transfer (R43/R44)

- SBIR: PA-15-354

Visit the NCATS website to learn more about funding opportunities for small businesses, eligibility requirements and research priorities. Feel free to also contact NCATS SBIR and STTR to discuss your research idea!

Sanford Health NDSU Research Seed Grant Request for Applications (RFA) Released

The Sanford Health NDSU Research Seed Grant RFA for 2017 was released on January 9th and proposals will be due on February 28, 2017.

Priority activities include, but are not limited to, the following:
- Human nutrition and metabolism (may include use of appropriate animal models)
- Human behavior related to food choices and consumption
- Study of the human microbiome (may include use of appropriate animal models)
- Epigenetics, with specific interest in prenatal nutrition
- Genetics, nutrigenomics, and metabolomics
- Development of sensors that monitor wellness factors
- Analytics of large and dynamic data sets resulting from wellness sensors
- Processing and manufacturing improvements of the Profile protein supplement

Additional information on the program including the full RFA and application coversheet is available at https://www.ndsu.edu/research/for_facultyresearchers/sanford_health_ndsu_seed_grant/.

Electronic Research Administration & Compliance Project Update

The Electronic Research Administration and Compliance (ERAC) project began in June of 2016, and the scope at NDSU includes the initiation of 6 separate modules in the following order: Sponsored Research (Pre-Award), Institutional Review Board (IRB), Institutional Animal Care and Use Committee (IACUC), Institutional Biosafety Committee (IBC), Conflict of Interest (COI) and Effort Reporting. Sponsored Programs Administration (SPA), Business Development (BD) and Grant and Contract Accounting (GCA) have been meeting at least weekly for the past few months working on the Discovery phase for the first module for the Electronic Research Administration and Compliance system. The first module, the Sponsored Research (Pre-Award) module, will include electronic routing of proposals. The Discovery phase for this module has been completed and we are moving into the iterative prototype and implementation phase. This will involve Novelution providing custom prototypes to demonstrate various components of specifications outlined by NDSU, as well as the development of custom features to accommodate NDSU’s business processes. Additional updates will be provided as the ERAC project advances.
Updated Non-Disclosure Agreement for Academic Projects/Senior Design

Please note that the Non-Disclosure Agreement for Academic Projects has been revised in consultation with instructors that utilize this form for undergraduate, senior design projects. The NDA can be completed as a form on your computer or printed and handwritten. The form is available at [https://www.ndsu.edu/research/for_facultyresearchers/senior_design/](https://www.ndsu.edu/research/for_facultyresearchers/senior_design/)

The NDA will need the following information on pages 1 and 3:

- Sponsor name and address
- Course Instructor
- Project Director (if other than the Instructor)
- Project Title
- Sponsor Contact for Notices

Sponsor should now sign on page 4 and Students, Instructor and Project Director will sign on page 5.

Remember the completed document should be sent to the Research and Creative Activities Office. Please contact Joycelyn with any questions ([Joycelyn.Lucke@ndsu.edu](mailto:Joycelyn.Lucke@ndsu.edu) or 701-231-5624).

Small Unmanned Aircraft System (sUAS) Training

A training course is being offered by the Fargo Jet Center to prepare for taking the written exam to obtain an FAA Remote Pilot Certificate. This certificate is a requirement to operate small unmanned aircraft for research or commercial purposes. The course is 8 hours and will cover sUAS regulations, airspace, airport operations, aviation weather, and more. Feedback from recent NDSU participants in the training course was very positive. For more information about the course or other UAS topics please contact Aaron Reinholz (1-5338 or [aaron.reinholz@ndsu.edu](mailto:aaron.reinholz@ndsu.edu)).

FM Area Foundation Program Officer to Present Gear up for Grants Brown Bag Seminar

*Wednesday, March 8, 2017 | 12pm-1pm | Memorial Union Arikara Room*

Lexi Oestreich, FM Area Foundation Program Officer, will visit NDSU campus on Wednesday, March 8, to present a Brown Bag Seminar from noon to 1pm in the Memorial Union Arikara Room. She will talk about the [FM Area Foundation Community Grants program](https://www.fmareafoundation.org/grants) and their topics of interest, in anticipation of their next application deadlines on April 7 and May 25. FM Area Foundation will accept up to seven applications per calendar year from seven different NDSU units, but all potential proposals should be discussed with Ms. Oestreich before submission. Faculty, staff, and students are welcome to attend the Brown Bag seminar.

All-Day Interactive Grant Proposal Development Workshop

Facilitated by Lucy Deckard, [Academic Research Funding Strategies, LLC](https://www.academicresearchfunding.com)

*Tuesday, March 21, 2017 | 8:30am-4:30pm | Memorial Union Prairie Rose Room*

Register Now!

This highly interactive workshop will cover setting your research and education agendas, identifying and understanding funding agencies, talking to Program Officers, planning your project, writing the proposal (section by
section), understanding the review process, and interpreting and responding to reviews. Participants will be asked to bring paper and pen or a laptop for writing exercises. Participants will also need to have a tentative project in mind in order to conduct the exercises.

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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