



Welcome to the Research and Creative Activity Update!

The Office of Research and Creative Activity (RCA) sends weekly emails to NDSU faculty and staff to provide current information on various topics including funding opportunities, grant program changes, research resources, deadlines, notices, and training.

These weekly email updates are archived on the [RCA Website](#).

FUNDING OPPORTUNITIES

- [Sanford Health NDSU Collaborate Seed Grant Program-Internal Grant Program](#)
- [NSF Funding Opportunity: Computer Science for All \(CSforAll:RPP\)](#)
- [FY18 DoD Congressionally Directed Medical Research Programs \(CDMRP\)](#)

NEWS & NOTICES

- [National Science Foundation – Non-Compliant Proposals](#)
- [NDSU Developmental Leave \(Sabbatical\) – Grant and Contract Oversight](#)
- [February 2018 Issue of Research Development and Grant Writing News](#)
- [Gas Sorption System Added to Recharge Center](#)

EVENTS

- [Unmanned Aircraft System User Group Meeting](#)
- [Proposal and Award Management Session #12](#)

Sanford Health NDSU Collaborate Seed Grant Program-Internal Grant Program

The fourth Sanford Health NDSU Collaborative Seed Grant program's Request for Applications was released January 8, 2018. Proposals are to be submitted electronically to NDSU.BusinessDev@ndsu.edu by 5:00 p.m. on March 19, 2018. The full Request for Applications and Application form can be downloaded from the Sanford Health – [NDSU Research Seed Grant](#) page.



NSF Funding Opportunity: Computer Science for All (CSforAll:RPP)

[The Computer Science for All – Researcher Practitioner Partnerships](#) program aims to provide *all* U.S. students the opportunity to participate in computer science (CS) and computational thinking (CT) education in their schools at the preK-12 levels. With this solicitation, the National Science Foundation (NSF) focuses on researcher-practitioner partnerships (RPPs) that foster the research and development needed to bring CS and CT to all schools. Proposals will be funded in three “strands” that foster design, implementation at scale, and research. *Deadline: May 9, 2018.*



FY18 DoD Congressionally Directed Medical Research Programs (CDMRP)

The DOD office of Congressionally Directed Medical Research Programs recently released [pre-announcements](#) for anticipated research opportunities to allow investigators time to plan and develop proposals.

The following programs are anticipated to be funded for FY18:

- Amyotrophic Lateral Sclerosis Research Program
- Bone Marrow Failure Research Program
- Breast Cancer Research Program
- Multiple Sclerosis Research Program
- Ovarian Cancer Research Program
- Peer Reviewed Medical Research Program



National Science Foundation - Non-Compliant Proposals

When NSF receives proposals, their first task is to check them for compliance with the requirements of the [NSF Proposal & Award Policies and Procedures Guide](#). It is important to review the PAPPG prior to NSF proposal submission. In the event NSF determines a proposal to be non-compliant, NSF may a) return proposals without review or b) allow proposal file updates through FastLane to correct items of non-compliance.

Non-compliant areas NSF has identified in recent NDSU proposal submissions include:

- **[Proposal Pagination](#)**: FastLane does not automatically paginate a proposal. Each section of the proposal that is uploaded as a file must be individually paginated prior to being uploaded to the electronic system.
- **[Proposal Formatting and Readability](#)**: The PAPPG guidelines establish the minimum type size and margin requirements; however, PIs are advised that readability is of paramount importance and should take precedence in selection of an appropriate font for use in the proposal. Small type size makes it difficult for reviewers to read the proposal; consequently, the use of small type not in compliance with the guidelines may be grounds for NSF to return the proposal without review.
- **[Collaborative Agreements](#)**: As specified in the PAPPG, letters of collaboration should be limited to stating the intent to collaborate and should not contain endorsements or evaluation of the proposed project. The NSF's recommended format for these letters can be found under the fourth point of the [Special Information and Supplementary Documentation](#) section of the PAPPG.
- **[Collaborators and Other Affiliations](#)**: The collaborators and other affiliations information is now a separate, single copy document. The NSF requires the use of this [template](#).
- **[Biographical Sketches](#)**: Biographical sketches should be formatted consistent with PAPPG formatting rules.
- **[Current and Pending Support](#)**: Current and pending support documents should be formatted consistent with PAPPG formatting rules. It should include the proposal you are currently submitting as "pending."

- **Broader Impacts:** As specified in the Grant Proposal Guide and in the NSF Grants.gov Application Guide, the project description "must contain, as a separate section within the narrative, a discussion of the broader impacts of the proposed activities."



NDSU Developmental Leave (Sabbatical) – Grant and Contract Oversight

When completing an NDSU Developmental Leave proposal, it is important to ensure there is an oversight plan for all active grants and contracts under the faculty/staff's direction. If the Developmental Leave is approved, please consult Sponsored Programs Administration as soon as possible, as prior sponsor approval may be required if a principal investigator (PI) is "disengaged" from a project for more than three months. Disengagement can be described as complete withdrawal, relinquishment of active direction, complete absence of involvement of research, or other relinquishment of active direction of the project.

Please contact SPA at ndsu.research@ndsu.edu with any questions.



February 2018 Issue of Research Development and Grant Writing News

The February issue of [*Research Development and Grant Writing News*](#) is now available to view. Use your NDSU login information to access this resource. Various topics are covered, including:

- Why Review Proposals for Funding Agencies
- US Department of Education Strategic Goals 2018-2022
- Writing Proposals to US Department of Energy
- Dealing with NIH's New Clinical Trials Policy
- The Perilous Transition: Idea to Implementation



Gas Sorption System Added to Recharge Center

The Recharge Center's Quantachrome Autosorb-1 gas sorption system has been repaired and is now available for use. Volume-pressure data measured by the system is converted by the software into BET surface area (single and/or multipoint), Langmuir surface area, adsorption and/or desorption isotherms, pore size and surface area distributions, micropore volume and surface area. The system operates by measuring the quantity of gas adsorbed onto or desorbed from a solid surface at some equilibrium vapor pressure by the static volumetric method. The data is obtained by admitting or removing a known quantity of adsorbate gas into or out of a sample cell containing the solid adsorbent maintained at a constant temperature below the critical temperature of the adsorbate. As adsorption or desorption occurs the pressure in the sample cell changes until equilibrium is established.

For more information on how this tool can help with your research, contact Greg Strommen (231-5339 greg.strommen@ndsu.edu) or visit the [Research Operations website](#).



Unmanned Aircraft System User Group Meeting

The [UAS Advisory Panel](#) is hosting two meetings for users of unmanned aircraft and those who might have an interest in using them. The purpose of the meetings will be to share information, ideas, and challenges. The meeting is also intended to help inform the Advisory Panel about actions that could be pursued at the university level to help increase opportunities and participation in this growing technology field. Please join us for one or both of these meetings.

Friday, March 9, 2018, from 9:00 to 10:00 a.m. in the Memorial Union Badlands Room

Wednesday, March 28, 2018, from 3:00 to 4:00 p.m. in the Memorial Union Meadow Lark Room



Proposal and Award Management Session #12

The next session in the Proposal and Award Management series will be held on **Thursday, March 22 from 11:00 – 11:45 a.m. in EML, Room 183 (note correction to room)**. The topic area for this meeting is Research Integrity and Compliance – IRB, IACUC, IBC, RCR, COI, and Export Controls. We will address steps for success in navigating research integrity and compliance requirements related to proposals and awards including identifying regulatory, institutional and funding agency specific requirements.

These sessions are being offered monthly by Sponsored Programs Administration (SPA) and Grant & Contract Accounting (GCA). These sessions will provide information and training on topics that are relevant to various aspects of proposal submission and award management. Anyone that participates in any way or has an interest in proposal or budget development, routing and submission of proposals, processing or approving expenditures on awards (allowable costs, payroll, equipment,

materials, etc.), overall award management, award compliance, locating funding opportunities, or electronic research administration is encouraged to attend. These sessions are open to all faculty, researchers, and staff. Materials from the sessions are available on the [Sponsored Programs Training](#) website.

Room 183 in EML is enabled with videoconferencing (IVN), so if you need to participate via IVN, please contact Faye Klein in SPA (231-8045 or faye.klein@ndsu.edu.) IVN participants will need to reserve their site and let Faye know so that SPA can set up for each requesting site. SPA will need the room name and the IP address no later than 10:00 a.m. the day prior to the session. Participants who cannot attend in person or via IVN may be able to connect in two other ways:

1. directly from their laptop or desktop computer using a specific software application, or
2. via an audio connection that can be added to the IVN event.

Participants via personal computer or audio-only will want to contact Faye as soon as possible to ensure adequate time for connections, configuration, and testing.

Note: Although Sessions are scheduled to be completed within 45 minutes, SPA and GCA representatives will be available for at least 15 minutes after each Session in order to answer any additional questions that participants may have.



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