Hello NDSU research community!

On behalf of the entire RCA team, I welcome you to the 2019-2020 academic year. Whether it’s your first year with us or you’re a returning expert, I appreciate what each of you bring to the research community at NDSU. Each of you contribute to our world-class research environment in so many unique ways.

The RCA team continues to develop new resources and program opportunities aimed to assist with research and scholarly activities. Notable projects planned for this year include:

- Rollout of Novelution, an electronic research management system that will help alleviate our paperwork burden. Novelution’s electronic lifecycle for research projects will eliminate the need to hand-deliver paper documents around campus. Watch for more information soon about upcoming training for faculty researchers and staff interested in testing the software.
- Implementation of a Proposal Development Program that will offer topics such as finding funding, developing a well-organized and structured proposal, writing project summaries, and evaluation and peer review.
- Continuation of a New Faculty Program for first and second year faculty that offers professional development opportunities centered on research career development.
- Launch of NDSU CoSearch, a 1.5 day event aimed to bring together faculty from various disciplines to develop collaboration ideas around the theme *Farm of the Future*.
- Support of new opportunities to solve problems alongside industry partners in themed areas of bio-based plastics and biomedical engineering and health.

By teaching students how to become effective and curious thinkers; by partnering with industry to commercialize ideas into products and services; and by collaborating with universities in the state and beyond, the NDSU research community is truly delivering on societal needs. Thank you for your part in it and thank you for your work now and in the future. I’d love to hear about your cool research! Please feel free to reach out to me or the RCA team. We’re here to help you!

Jane

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Jane Schuh
Vice President, Research and Creative Activity

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**New This Fall:**

**Proposal Development Program**

The purpose of the Proposal Development Program is to provide a professional development opportunity for NDSU faculty new to proposal writing or those seeking a refresher to hone proposal writing skills and knowledge in funding agency opportunities.

The Proposal Development Program will cover topics ranging from finding funding opportunities to developing ideas...
and a well-aligned and structured proposal. Budgeting, evaluation planning, and peer review sessions will also be part of the programming. An experienced grant consultant, faculty, and research support staff will lead the sessions. Register soon to reserve your spot!

**Learn more and Register >>**

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**New RCA Website Tips**

If you are looking for a Proposal Transmittal Form (PTF), an IRB protocol form, or a budget template, visit the [All RCA Forms](#) page. On this page, forms from all units of the Office of Research and Creative Activity (RCA) are listed in one location so you can easily find what you need.

*On August 19, the Office of Research and Creative Activity (RCA) launched a [new website](#). Our goal was to create a more user-friendly site to provide the NDSU community with information as quickly as possible. If you have questions, or would like to provide feedback, see the [Contacts Page](#).*
NIH Grant Applications
Tips for Success

Getting ready to apply for a grant and don't know where to start? Set yourself up for success with tips from the experts at the National Institutes of Health (NIH). Quickly learn how to access application forms, ensure your application is a good fit for an announcement, and make an important final check of your application after submitting with new videos from the Office of Extramural Research (OER).

If you have any questions on applications to the NIH, please contact the Sponsored Programs Office at ndsu.research@ndsu.edu or call 701-231-8045.

NIH Award Roles and Responsibilities

Dr. Michael Lauer, Deputy Director for Extramural Research at the National Institutes of Health (NIH), serves as an advisor to the NIH Director on the NIH extramural research program. Dr. Lauer also contributes to a blog called Extramural Nexus by writing a column called “Open Mike”. In one of his previous columns he draws attention to the roles and responsibilities of the institutions and individuals in the federal award process, most of which are shared responsibilities.

Additional information on the responsibilities and respective roles of institutions Authorized Organization Representative (AOR) and individuals (Program Director (PD) / Principal Investigator (PI)) in the award process is available in the NIH Grants Policy Statement, under section 2.1.2. Sponsored Programs Administration (SPA) also has a roles and responsibilities matrix on our website.
If you have questions about roles and responsibilities related to awards, please contact SPA at ndsu.research@ndsu.edu or call 701-231-8045.

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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.

- **Johnson & Johnson: Women in STEM²D Scholars Program**
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*Notification Deadline: September 9, 2019*

NIH Centers of Biomedical Research Excellence (COBRE)
*Notification Deadline: September 30, 2019*

Great Plains IDeA-CTR Pilot Project Program

The Great Plains IDeA-CTR Network is pleased to announce an opportunity for pilot funding through an NIH/NIGMS grant. Successful applicants will receive up to $50,000 in direct costs for a one-year project, as well as access to resources of the Great Plains IDeA-CTR to support their research efforts.

A 2-page Letter of Intent (LOI) is requested using the template provided in the RFA, which can be downloaded from the Great Plains IDeA-CTR website. The LOI application process is outlined on page 3. Those invited to submit full proposals will be notified by September 27, 2019. Solicited applications will be due November 15, 2019. The requirements for invitees are also detailed in the RFA.

Please email your LOI and NIH biosketch as a single PDF document to the Great Plains IDeA-CTR Office at gpctr@unmc.edu. If you have any questions contact Heather Braddock or call 402.559.9870.

*Letter of Intent deadline: September 13, 2019*

Johnson & Johnson: Women in STEM²D Scholars 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.

STEM²D Scholars: Notify RCA by 8/30/2019, 5:00 p.m. if you intend to apply.

The Johnson & Johnson Women in STEM²D Scholars Program aims to fuel the development of female STEM²D leaders and feed the STEM²D talent pipeline by awarding and sponsoring women at critical points in their research careers, in each of the STEM²D disciplines:

1. Science
2. Technology
3. Engineering
4. Mathematics
5. Manufacturing
6. Design

The awards will fund one woman per discipline who has completed her advanced degree, who is working as an assistant professor and who is not yet tenured at an accredited university or design institution. The goal is to fuel the research passion of the awarded women and inspire career paths in their respective STEM²D fields. By offering these awards, Johnson & Johnson hopes to play an influential role in STEM²D breakthroughs in the future.

LIMITED SUBMISSION: Each University can support and recommend one applicant per each STEM²D discipline for a total of 6 applicant submissions (one for science, one for technology, one for engineering, etc.)

Application deadline: October 3, 2019; 2pm CST

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NDSU Campus of ND EPSCoR Request for Proposals (RFP)

The NDSU campus of ND EPSCoR is requesting proposals for activities in the following categories to help support the efforts of faculty and students engaged in STEM research and education:

1. Equipment
2. Equipment repair
3. Student travel to present at national conferences
4. Faculty seed awards
5. Faculty/student awards to support K12 outreach activities
6. Awards to fund external peer review of large collaborative/interdisciplinary proposals prior to submission to a federal agency, and
7. Undergraduate research.

*View the full RFP>*

Proposal Deadline: September 14, 2019

*This RFP is separate from the state-wide ND EPSCoR RFP, and is specific only to NDSU.*

ND EPSCoR Request for Proposals (RFP)

The ND EPSCoR State Office has a mission to support the efforts of EPSCoR participating institutions across the State that result in increased STEM faculty capacity and competitiveness and a stronger STEM pipeline that produces our next generation workforce, educators, and researchers.

To help support the efforts of faculty and students engaged in STEM research and education, the ND EPSCoR State Office is requesting proposals for activities in the following categories:
1. equipment,
2. student travel to present at national conferences,
3. faculty seed awards,
4. faculty/student awards to support K12 outreach activities,
5. awards to fund external peer review of large collaborative
   interdisciplinary proposals prior to submission to a federal agency, and
6. undergraduate research.

The link to the RFP and necessary forms can be found at:
https://www.ndebscor.ndus.edu/funding-opportunities/resind/ndus-stem-rfp-
2019/

For full consideration, proposals must be submitted by September 20, 2019.

NDSU Institute for Regional Studies: Gunlogson
Endowment

The Institute for Regional Studies solicits your proposals for funds of up to
$5,000 from the Gunlogson Endowment to support research and creative
activity on topics related to the fund’s purpose. Between 0-3 awards will be
made each year. The purpose of these awards, which are jointly awarded by
NDSU Libraries and the College of Arts, Humanities and Social Sciences,
includes:

- supporting the publications and archives of the Institute for Regional
  Studies.
- advancing general university outreach through institute related activities.
- enhancing NDSU’s land-grant mission though Institute projects that
  preserve the cultural history of North Dakota.

Projects that meet any of the funds' purposes will be considered, but
preference will be given to those projects that propose to use the archives of
the Institute for Regional Studies, and/or, secondarily, that propose to publish
through the North Dakota State University Press.

Those eligible to apply for funding include tenured and tenure track faculty, professors of practice, and graduate students working on disquisitions directly related to the purpose of the fund. (Applicants may be from on or off NDSU campus).

Details for proposal preparation may be requested from suzzanne.kelley@ndsu.edu.

Proposal deadline: September 6, 2019

NIH Collaborative Program Grant for Multidisciplinary Teams (RM1) – 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.

NIH RM1: Notify RCA by 9/9/2019, 5:00 p.m. if you intend to apply.

This National Institutes of Health (NIH) funding opportunity announcement (FOA / PAR-17-340) is designed to support highly integrated research teams of three to six PD/PIs to address ambitious and challenging research questions that are important for the mission of the National Institute of General Medical Sciences (NIGMS) and are beyond the scope of one or two investigators. Collaborative program teams are expected to accomplish goals that require considerable synergy and managed team interactions. Project goals should not be achievable with a collection of individual efforts or projects. Teams are encouraged to consider far-reaching objectives that will produce major advances in their fields. Applications that are mainly focused on the creation,
expansion, and/or maintenance of community resources, creation of new technologies or infrastructure development are not appropriate for this FOA.

NIH: Centers of Biomedical Research Excellence (P20) - 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.

NIH COBRE: Notify RCA by 9/30/2019, 5:00 p.m. if you intend to apply.

The National Institutes of Health Centers of Biomedical Research Excellence (COBRE) [PAR-19-313] are thematic, multidisciplinary centers that augment and strengthen institutional biomedical research capacity. This is accomplished by expanding and developing biomedical faculty research capability and enhancing research infrastructure, including the establishment of core facilities needed to carry out the objectives of a multidisciplinary, collaborative program. Only institutions in IDeA (EPSCoR) states are eligible to apply. An application in response to this funding opportunity announcement (FOA) must have a thematic scientific focus in a specific area in basic, clinical, or translational research including community engagement and outreach research as appropriate. Applications addressing health challenges of rural populations in IDeA states are encouraged.

The PD(s)/PI(s) must be an established biomedical or behavioral research scientist, who leads, as the principal investigator, at least one peer-reviewed research grant from NIH, NSF or other Federal or non-Federal sources that is closely related to the scientific theme of the proposed Center and has mentoring and administrative experience to lead the COBRE program to meet its goals.
NDSU has had three previously funded COBRE centers, one each in the Departments of Chemistry, Psychology, and Pharmaceutical Sciences.

Letter of Intent due: December 28, 2019 (30 days prior to deadline); Final application deadline: January 28, 2020.

NSF Major Research Instrumentation (MRI) – 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.

NSF MRI: Notify RCA by 9/5/2019, 5:00 p.m. if you intend to apply.

The National Science Foundation Major Research Instrumentation (MRI) Program [NSF 18-513](#) serves to increase access to multi-user scientific and engineering instrumentation for research and research training in our Nation's institutions of higher education and not-for-profit scientific/engineering research organizations. An MRI award supports the acquisition or development of a multi-user research instrument that is, in general, too costly and/or not appropriate for support through other NSF programs. **Cost sharing of precisely 30% of the total project cost is required.**

An MRI proposal may request support for either the acquisition or development of a research instrument.
• Track 1: Track 1 MRI proposals are those that request funds from NSF greater than or equal to $100,000 and less than $1,000,000. Two proposal submissions are allowed per organization.
• Track 2: Track 2 MRI proposals are those that request funds from NSF greater than or equal to $1,000,000 up to and including $4,000,000. One proposal submission is allowed per organization.

LIMITED SUBMISSION: The MRI program requires that an MRI-eligible organization may, as a performing organization, submit or be included as a significantly funded subawardee in no more than three MRI proposals. Each performing organization is limited to a maximum of three proposals in the “Tracks” as defined above, with no more than two submissions in Track 1 and no more than one submission in Track 2.

NSF Research Traineeship Program (NRT) – 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.

NSF NRT: Notify RCA by 9/9/2019, 5:00 p.m. if you intend to apply.

The National Science Foundation (NSF) Research Traineeship (NRT) program [NSF 19-522] is designed to encourage the development and implementation of bold, new, and potentially transformative models for STEM graduate education training. The NRT program seeks proposals that explore ways for graduate students in research-based masters and doctoral degree programs to develop the skills, knowledge, and competencies needed to pursue a range of STEM careers. The program is dedicated to effective training of STEM graduate
students in high priority interdisciplinary research areas, through the use of a comprehensive traineeship model that is innovative, evidence-based, and aligned with changing workforce and research needs. The NRT program addresses workforce development, emphasizing broad participation, and institutional capacity building needs in graduate education. Strategic collaborations with the private sector, non-governmental organizations (NGOs), government agencies, national laboratories, field stations, teaching and learning centers, informal science centers, and academic partners are encouraged.

The NRT Program has announced the program’s priority areas for FY2019 and FY2020. For FY2019 and FY2020, the NRT Program requests proposals in any interdisciplinary research theme of national priority, with special emphasis on the six NSF Research Big Ideas. The NSF Research Big Ideas are Harnessing the Data Revolution (HDR), The Future of Work at the Human-Technology Frontier (HTF), Navigating the New Arctic (NNA), Windows on the Universe: The Era of Multi-Messenger Astrophysics (WOU), The Quantum Leap: Leading the Next Quantum Revolution (QL), and Understanding the Rules of Life: Predicting Phenotype (ROL).

LIMITED SUBMISSION: An eligible organization may participate in two proposals per competition. Participation includes serving as a lead organization, non-lead organization, or subawardee on any proposal. Organizations participating solely as evaluators on projects are excluded from this limitation.

USDA-NIFA: Request for Pre-Application - Specialty Crop Research Initiative

The purpose of the Specialty Crop Research Initiative (SCRI) is to address the critical needs of the specialty crop industry by awarding grants to support research and extension that address key challenges of national, regional, and multi-state importance in sustaining all components of food and agriculture,
including conventional and organic food production systems. Except for Research and Extension Planning Projects, the SCRI program only considers projects that integrate research and extension activities. Applicants are strongly encouraged to propose a unique approach to solving problems facing the specialty crop industry using a systems approach.

It is anticipated that successful applications will:

1. engage stakeholders in collaborative ways to identify those priorities of greatest need;
2. bring together multi-state, multi-institutional teams of biological, physical, and social scientists to develop strategies and actions emphasizing systems-based, trans-disciplinary approaches for meeting the identified priorities;
3. address priorities through research and extension;
4. present plans for documenting the impacts of funded applications that include stakeholder involvement; and
5. include explicit mechanisms to communicate results to producers and the public.

Application deadline: October 15, 2019, 4:00PM CST

National Council of University Research Administrators Education Program Workshops
Sponsored Programs is sponsoring three webinars that are a part of the National Council of University Research Administrators (NCURA) education program.

NSF Fundamentals Workshop:
The NSF Fundamentals workshop provides a primary basis of understanding of proposals to and awards from the National Science Foundation (NSF). The
program is perfect for someone new to research administration, as well as for research administrators seeking to expand their knowledge of federal funding agencies. The curriculum provides an overview of the policies and procedures essential to preparing successful proposals to and managing grant awards from NSF.

Date: September 18, 2019  
Time: 1:30PM – 5:00PM  
Location: Research 1, Room 148/154

**NIH Fundamentals Workshop:**  
The NIH Fundamentals provides a primary basis of understanding of proposals to and awards from the National Institutes of Health (NIH). This workshop will give you the basics and we will walk you through the grants process, and give you an overview of key resources and websites you will need to be successful. The program is perfect for someone new to Research Administration, as well as for Research Administrators seeking to expand their knowledge of federal funding agencies. The curriculum provides an overview of the policies and procedures essential to preparing successful proposals to and managing grant awards from the NIH.

Date: October 16, 2019  
Time: 1:30PM – 5:00PM  
Location: Research 1, Room 148/154

**Financial Research Compliance Workshop:**  
The Financial Research Compliance workshop is a professional development opportunity that focuses primarily on the financial regulatory compliance aspects of Research Administration. This workshop provides an in-depth look at financial compliance issues through a combination of lecture, case studies, review of Federal audit reports, and a discussion of best practices.

Date: November 20, 2019  
Time: 1:30PM – 5:00PM
Have questions, ideas, or suggestions for the RCA Update?

Contact Us

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.

You are receiving this notification through the NDSU official employee listserv or sub-list. The official listserv refreshes after each pay period.
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