NDSU CoSearch

On October 25-26, NDSU research faculty will have the opportunity to develop a research idea, hone it with an interdisciplinary team and pitch it to a panel of judges. This event is called NDSU CoSearch and it’s open to all faculty members who are interested in collaboration, research, and solving real world problems.

The broad theme of the inaugural NDSU CoSearch event is “The Farm of the Future.” An exciting opportunity for researchers from across campus, NDSU CoSearch hopes to bring a breadth of ideas and perspectives from across a variety of disciplines about how farms may be transformed in the coming decades. It will be held on the NDSU campus (R1) on Friday (10/25) and Saturday (10/26) with the final showcase at Elevate on Broadway in downtown
Founded by NDSU alumni Michael Burns, CoSearch began with the idea of how a startup model could be applied to the research process. CoSearch is free and you don’t need to have an team or project set up in order to participate. All you need to bring are your ideas. The event is hosted through a partnership among the College of Business, Emerging Prairie, and the Office of Research and Creative Activity.

NDSU CoSearch was originally planned for Spring 2019, but was rescheduled due to weather.

Learn more and register >>

The Research and Creative Activity Office will be participating in a professional development staff retreat on Tuesday, August 13, 2019 from 9am-1pm. It will be business as usual before and after that time. Please plan accordingly.

CB² Call for Proposals - Deadline August 7, 2019
The Center for Bioplastics and Biocomposites (CB²) is a National Science Foundation Industry & University Cooperative Research Center (I/UCRC) that focuses on developing high-value biobased products from agricultural and forestry feedstocks. The NSF I/UCRC program is a vehicle for encouraging formal, topical relationships between academic institutions and industry collaborators. CB² has announced a call for proposals for research projects to begin in 2020. Research projects that make a good fit to the program and to CB²:

- Address any of the request for proposal topics from the Industry Advisory Board (IAB). ([See attached proposal topics or "seed concepts" from IAB.](https://www.ndsu.edu/centers/cb2/call-for-proposals.html)
- Aim to solve an applied problem on an aspect of the bioplastics or biocomposites supply chain. [Review CB²’s research thrust areas](https://www.ndsu.edu/centers/cb2/call-for-proposals.html)
- Offer precompetitive, but compelling solutions to difficulties the industry must overcome to advance.

More information can be found here: [https://www.ndsu.edu/centers/cb2/call-for-proposals.html](https://www.ndsu.edu/centers/cb2/call-for-proposals.html)

Proposal Transmittal Forms (PTF) are not required for NDSU faculty who would like to submit proposals. For consideration, proposals must be submitted by **August 7, 2019**.
Congratulations to all award recipients from June 2019!
View the complete list online: PDF | Excel
The awards listed are externally funded projects.
Each month one of the RCA Updates will include prior month awards.
See Award Reports from previous months >>

Research ND FINAL Application Deadline

There is only one more application opportunity for the Research ND program! The Department of Commerce has set the final application deadline as August 16, 2019. Only Research ND and Venture Grant Phase II applications will be accepted. Any applications funded from the August 16, 2019 submissions must be completed by June 30, 2021, so plan accordingly.

Information on the Research ND program and Venture Grants can be found on the Research ND webpage.

Reminder from the Graduate School and the Office of Research and Creative Activity

Please remind your graduate students to sign up for fall semester. While it’s important for students to remember to do this for their scholastic careers, it’s also important for both faculty members and the University to know the number of graduate students who will be in courses in the fall.
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Upcoming Limited Submission Program Deadlines

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.

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  Notification Deadline: September 30, 2019

American Foundation for Suicide Prevention:
Standard Research Innovation Grants

The American Foundation for Suicide Prevention (AFSP) raises awareness, funds scientific research, and provides resources and aid to those affected by suicide.
To advance this mission, AFSP is inviting applications for its Standard Research Innovation Grants program. Grants of up to $100,000 over two years will be awarded in support of new directions or initiatives in suicide research from a variety of disciplines, including psychiatry, medicine, psychology, genetics, epidemiology, neurobiology, sociology, nursing, social work, and health services administration. Grants are not intended to support the development or implementation of prevention programs, educational programs, treatments, or other interventions that do not have a significant research component.

While prior research on suicide is not required, applicants are expected to show evidence of prior research or research training in a related field.

*Download the Request For Proposals (Word Document) >*

*Deadline: November 15, 2019*

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**Knight Foundation: Governance, Norms, and Values - Research on the Future Internet**

The [John S. and James L. Knight Foundation](https://www.knightfoundation.org/) seeks to support fundamental research that addresses issues of rules, norms, and governance of the internet and digital platforms. Recent research, policy debates, and public controversies have highlighted the absence of uniform consensus on the norms, rights, and responsibilities that should govern digital services, in particular social media.

The Foundation seeks to support efforts that advance research – both theoretical and empirical – on topics related to governance and the rights and responsibilities of individuals, commercial interests, nongovernmental organizations, and government in the digital era. Topics of interest include but are not limited to:

- **Content** — The rights and responsibilities of users of services, as well as the rights and responsibilities of social media companies and digital service providers, with regard to content. This includes issues of content moderation, content liability, algorithmic content generation and
optimization, as well as actual or potential harms and benefits associated with digital/platform services.

- **Market** — How to understand the digital services and social media marketplaces, including theories of competition, empirical work on the nature of these markets, and issues of market concentration and power.
- **Regulation** — Regulatory response, including new regulatory theories and specific regulatory proposals. The Foundation’s interest comprises laws and rules; jurisdictional questions, regulatory infrastructures within government, specific commercial concerns, and civil society (consumers and nongovernmental actors); and regulatory enforcement.

The Foundation will consider proposals in the areas of faculty; fellowships (postdoctoral fellows, visiting fellows); and research and pedagogy (including course relief to enable faculty research, publication development, collaborative research efforts, research assistant(s), symposia, workshops or other convenings, legal clinics or other innovative pedagogy that engages students in these topics, and data acquisition).

The Foundation invites Letters of Interest of no more than three pages that address the following:

- What is the research objective?
- Why is it significant in understanding the future of Internet governance?
- What activities are to be funded?
- What is the budget (if multiyear, include a complete budget by year)?
- Who is the principal investigator(s), with emphasis on previous relevant research.

*Read the full Request for Proposals >>*

Applications will be considered on a rolling basis, and the call will remain open until otherwise indicated.

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.ndepscor.ndus.edu/funding-opportunities/resind/ndus-stem-rfp-2019/

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

NEH: Dialogues on the Experience of War

The National Endowment for the Humanities (NEH) Dialogues on the Experience of War program supports the sustained study and discussion of important humanities sources about war, in the belief that these sources can help U.S. military veterans and others think more deeply about the issues raised by war and military service.

Two required components:

1. the convening of at least two discussion programs for no fewer than fifteen participants; and
2. the creation of a preparatory program to recruit and train program discussion leaders.
Discussion programs may take place on college and university campuses, in veterans' centers, at public libraries and museums, and at other community venues.

*View previously funded projects>*

Optional Draft Submission Deadline: September 10, 2019
Application Deadline: October 15, 2019

**NEH: Humanities Connections**

The National Endowment for the Humanities (NEH) Humanities Connections grant program seeks to expand the role of the humanities in undergraduate education at two- and four-year institutions. Grants will support innovative curricular approaches that foster productive partnerships among humanities faculty and their counterparts in the social and natural sciences, and in pre-service or professional programs, in order to encourage and develop new integrative learning opportunities for students. Previously funded projects have included collaborations with faculty in business, engineering, health sciences, law, computer science, and other technology-driven fields.

**Experiential learning** must be an intrinsic part of the curricular plan, and your proposal needs to show your institution’s long-term support for the curricular innovation you’re putting forward.

Humanities Connections grants are funded at two levels: Planning and Implementation.

- **Humanities Connections Planning grants** are up to $35,000 over a period of up to one year. Apply if you have an idea for a new curricular program or initiative that you want to put into action. Planning activities include identifying the members of a planning committee and organizing the planning process; defining the rationale, design, and structure that would
undergird a comprehensive and institutionally sustainable effort; and establishing potential scenarios for curriculum development. A Humanities Connections Planning grant will help create a firm foundation for implementing a curricular program or initiative.

**View previously funded planning projects >>**

- **Humanities Connections Implementation grants** are up to $100,000 over a period of 18-36 months. Apply if you can demonstrate unambiguous evidence of planning, commitments from partners/ collaborators as well as your institution, and a clear intellectual rationale. These proposals must include a high level of detail in such areas as project structure and components; key topics and texts or other resources to be used in specific courses/components; and the roles and responsibilities of the individual members of the collaborative team.

**View previously funded implementation projects >>**

Optional Draft Submission Deadline: August 19, 2019  
Application Deadline: September 19, 2019

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**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.

View a list of currently active COBRE centers >>

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.

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**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](http://example.com) 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.

Have questions, ideas, or suggestions for the RCA 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.

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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