

September 21, 2020

Funding Opportunity Edition

Webinar: NSF Funding Opportunities in Diversity, Equity, and Inclusion

The National Science Foundation (NSF) Directorate for Education and Human Resources ([EHR](#)) is hosting a **free webinar** on **September 30, 2020**, from **1:30-3:30pm**.

NSF Program Officers and Staff will highlight current funding opportunities available in EHR focused on diversifying the STEM workforce, supporting broadening participation in STEM research, and promoting equitable STEM practices and opportunities. Programs such as: NSF Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES), ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions, Improving Undergraduate STEM Education: Hispanic Serving Institutions, Historically Black Colleges and Universities – Undergraduate Program (HBCU-UP), Tribal Colleges and Universities Programs (TCUP), The Robert Noyce Teacher Scholarship Program, Innovative Technology Experiences for Students and Teachers (ITEST), Graduate Research Fellowship Program (GRFP) and several other programs will be highlighted. NSF representatives from all four divisions in EHR will be represented. In addition, Q & A opportunities with Program Officers will be provided during the webinar.

Principal Investigators, faculty, administrators, researchers, evaluators, and other STEM and education professionals and community-based leaders interested or engaged in research and efforts to broaden participation in STEM are encouraged to attend.

[Register to participate >>](#)

ND EPSCoR Funding Opportunity

Deadline: September 25, 2020

ND EPSCoR is accepting proposals to fund STEM activities across seven broad categories:

- Equipment
- Equipment Repairs
- Undergraduate Research
- Seed Awards for collection of preliminary data.
- Seed Awards for faculty and students engaged in K-12 Outreach.
- External Proposal Reviews
- Development of online/virtual models for STEM laboratory courses.

More information and application instructions are posted on the [ND EPSCoR website](#).

Dakota Cancer Collaborative on Translational Activity (DaCCoTA) Pilot Projects

The Dakota Cancer Collaborative on Translational Activity (DaCCoTA) is an NIH-supported regional network based at the University of North Dakota. The goal of DaCCoTA is to bring together researchers and clinicians with diverse experience from across the region to develop unique and innovative means of combating cancer in North and South Dakota. The [DaCCoTA Pilot Projects Program](#) has released requests for applications (RFAs) for the following pilot grant awards:

Feasibility Pilot Grants – These awards of up to \$40,000 (direct + indirect costs) are intended to provide support to allow a clinician / non-clinician team to form around a novel cancer-related hypothesis. Applications can consider the multilevel manifestations of cancer (e.g. neurological, psychiatric), demographic risks, and social impact. Applications should focus on T2-T4 translational research, although T1 studies will be considered if there is a clear plan to progress to T2-T4. The primary goal is to allow a team to form and connect with the DaCCoTA Biostatistics, Epidemiology, and Research Design Core; Clinical Research Resources and Facilities Core; Community Engagement and Outreach Core; and Pilot Projects Program to generate competitive proposals for the DaCCoTA Ready-to-Go Pilot Award mechanism.

Ready-to-Go Pilot Grants – These awards of up to \$75,000 (direct + indirect costs) are intended for those projects with significant existing preliminary data in support of a novel clinical / translational cancer-related hypothesis. *These projects should ideally be ready for extramural submission within a year and / or be able to demonstrably improve health outcomes.* Applications can consider the multilevel manifestations of cancer (e.g. neurological, psychiatric), demographic risks and social impact. Applications will focus on T2- T4 translational research, although T1 studies will be considered if there is a clear plan to progress to T2-T4. Successful completion of these proposals should lead to a collaborative extramural grant submission and peer-reviewed manuscript submission.

Community Engagement Pilot Grants – These awards are intended for projects addressing priority areas determined by key stakeholder groups. Proposals should address cancer disparities in either:

- Colorectal cancer screening, stage and diagnosis, treatment, and mortality;
- Tobacco-related cancers (Lung, CRC, etc.); or
- Breast cancer screening, stage at diagnosis, and mortality.

Pilot awards should focus on compiling existing data and published manuscripts or propose an original study regarding these areas of cancer disparities in the Dakotas. Applications can consider the multilevel manifestations of cancer (e.g. neurological, psychiatric), demographic risks, and social impact. Applications will focus on T2-T4 translational research,

although T1 studies will be considered if there is a clear plan to progress to T2-T4. Successful completion of these proposals should lead to an extramural grant submission and peer-reviewed manuscript submission. A maximum budget of up to \$50,000 (direct + indirect costs) is allowed.

Deadlines for all three pilot grant awards:

- The deadline for seeking assistance with finding a collaborator is **October 16, 2020**.
- Letters of intent (1-page maximum) are due **October 30, 2020**.
- Full applications will be invited from selected applicants and will be due **February 1, 2021**.
- Awards will be announced by **September 2021**.
- Expected award period will be **September 2021 – August 2022**.

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.

- NIH Collaborative Program for Multidisciplinary Teams (RM1)
Notification Deadline: September 22, 2020
- NSF National AI Research Institutes
Notification Deadline: September 23, 2020
- VentureWell Faculty Grants
Notification Deadline: September 25, 2020
- NSF ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions (Partnership Track)
Notification Deadline: October 1, 2020
- Retirement Research Foundation: Research Grants
Notification Deadline: October 7, 2020
- NSF: Partnerships for Innovation
Notification Deadline: October 15, 2020

FUNDING OPPORTUNITIES

- [ACLS: Digital Extension Grants](#)
- [American Foundation for Suicide Prevention](#)
- [Cancer Research Institute: Technology Impact Award](#)
- [Cyber-Physical Systems](#)
- [EREF: Sustainable Solid Waste Management](#)
- [Fahs-Beck Fund for Research and Experimentation](#)
- [National Endowment for Financial Education: Research Grants](#)
- [NIH: Collaborative Program for Multidisciplinary Teams \(RM1\)](#)
- [NSF ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions \(Partnership Track\)](#)
- [NSF: National Artificial Intelligence \(AI\) Research Institutes](#)
- [NSF: Partnerships for Innovation](#)
- [NSF: Sustainable Regional Systems Research Networks](#)
- [Retirement Research Foundation](#)
- [Spencer Foundation: Small Research Grants on Education](#)
- [The National Academies of Sciences, Engineering, and Medicine Fellowship Opportunities](#)
- [USDA-NIFA: Partnership Program](#)
- [VentureWell Faculty Grants](#)

EVENTS

- [Proposal Development Virtual Program](#)
- [Upcoming Virtual Opportunities: Entrepreneur and SBIR / STTR Programs](#)
- [POSTPONED: Export Controls Roundtable: Foreign Influence](#)



**Looking for
Collaborators?**
Search
Researcher
Profiles



**In Search of
Equipment?**
Check the
NDSU Equipment
Database



Need to update your profile?
Click here to learn how!

ACLS: Digital Extension Grants

The American Council of Learned Societies (ACLS) invites applications for [ACLS Digital Extension Grants](#), which are made possible by The Andrew W. Mellon Foundation. The grants are designed to advance humanistic scholarship by enhancing established digital projects, extending their reach to new communities of users, and supporting teams of scholars at all career stages as they participate in digital research.

This program aims to promote inclusion and sustainability by extending the opportunity to participate in the digital transformation of humanistic inquiry to a greater number of humanities scholars. ACLS Digital Extension Grants support projects that have advanced beyond the start-up phase of development as they pursue one or more of the following activities:

- Developing new systems of making established digital resources available to broader audiences and / or scholars from diverse institutions.
- Extending established projects and resources with content that adds diversity to the digital domain.
- Fostering new team-based collaborations between scholars at all career stages. Projects that convene, train, and empower communities of humanities faculty and / or graduate students around established digital research projects, as well as projects that allow scholars from institutions with limited digital infrastructure to exploit digital resources or to participate in existing labs or working groups, are especially welcome.
- Creating new forms and sites for scholarly engagement with the digital humanities. Projects that document and recognize participant engagement are strongly encouraged.

Deadline: December 15, 2020

American Foundation for Suicide Prevention

American Foundation for Suicide Prevention research grants support studies that will increase understanding of suicide or test treatments and other interventions that save lives.

The Foundation is currently accepting applications for their [Innovation Grants](#) in the following categories:

- Standard Research Innovation Grants;
- Young Investigator Innovation Grants;
- Distinguished Investigator Innovation Grants;
- Pilot Innovation Grants; and
- Postdoctoral Research Fellowship Innovation Grants.

Deadline: November 15, 2020

[^^](#)

Cancer Research Institute: Technology Impact Award

The Cancer Research Institute [Technology Impact Award](#) provides seed funding of up to \$200,000 to be used over 12-24 months to address the gap between technology development and clinical application of cancer immunotherapies.

These grants aim to encourage collaboration between technology developers and clinical cancer immunologists and to generate the proof-of-principle of a novel platform technology in bioinformatics, ex vivo or in silico modeling systems, immunological or tumor profiling instrumentation, methods, reagents and assays, or other relevant technologies that can enable clinician scientists to generate deeper insights into the mechanisms of action of effective or ineffective cancer immunotherapies.

Award winners will be selected based on the novelty, creativity, technical sophistication, and transformative potential of the technology to impact cancer immunotherapy research around the world. The ultimate aim of this program is to advance technologies that can speed up the entire field's efforts in addressing one of the most defining challenges of our time—developing immunotherapies that are effective for all cancer patients.

The most competitive applicants will address areas where technological innovation

stands to benefit the field and cancer patients most, and that will ultimately lead to effective next generation cancer immunotherapies. These technologies may include but are not limited to:

- New bioinformatics methods or technologies that speed collection and analysis of large sets of patient-derived biological data;
- Computer simulations for modeling biological systems and responses to immunotherapy;
- Tools and methods that improve profiling of tumors to inform therapeutic strategies;
- Real-time visualizations of molecular and cellular activity to improve tracking of responses to immunotherapy;
- *In vitro* tissue culture systems that recapitulate the interactions between primary tumor cells and the immune system.

Letter of Intent deadline: November 16, 2020



Cyber-Physical Systems

Cyber-physical systems (CPS) are engineered systems that are built from, and depend upon, the seamless integration of computation and physical components. Advances in CPS will enable capability, adaptability, scalability, resiliency, safety, security, and usability that will expand the horizons of these critical systems. While tremendous progress has been made in advancing CPS technologies, the demand for innovation across application domains is driving the need to accelerate fundamental research to keep pace. At the same time, this multi-agency program [\[NSF 20-563\]](#) seeks to open new vistas for the research community to think beyond the usual cyber-physical paradigms and structures and propose creative ideas to address the myriad challenges of today's systems as well as those of the future that have not yet been designed or fielded.

Core research areas of the program include control, data analytics, and machine learning—including real-time learning for control, autonomy, design, Internet of Things (IoT), mixed initiatives including human-in- or human-on-the-loop, networking, privacy, real-time systems, safety, security, and verification. By abstracting from the particulars of specific systems and application domains, the CPS program seeks to reveal cross-cutting, fundamental scientific and engineering principles that underpin the integration of cyber and physical elements across all application domains. The program additionally supports the development of

methods, tools, and hardware and software components based upon these cross-cutting principles, along with validation of the principles via prototypes and testbeds. This program also fosters a research community that is committed to advancing education and outreach in CPS and accelerating the transition of CPS research into the real world.

Proposals for three classes of research and education projects—differing in scope and goals—are supported through the CPS program:

- **Small** projects may request a total budget of up to \$500,000 for a period of up to 3 years. They are well suited to emerging new and innovative ideas that may have high impact on the field of CPS. **Note that Small projects are not accepted under this solicitation.**
- **Medium** projects may request a total budget ranging from \$500,001 to \$1,200,000 for a period of up to 3 years. They are well suited to multi-disciplinary projects that accomplish clear goals requiring integrated perspectives spanning the disciplines.
- **Frontier** projects must address clearly identified critical CPS challenges that cannot be achieved by a set of smaller projects. Furthermore, Frontier projects should also look to push the boundaries of CPS well beyond today's systems and capabilities. Funding may be requested for a total of \$1,200,001 to \$7,000,000 for a period of 4 to 5 years.

Deadline varies by track.



EREF: Sustainable Solid Waste Management

The [Environmental Research and Education Foundation \(EREF\)](#) has a long-term strategic plan to address all areas of integrated solid waste management, with a strong focus towards research that increases sustainable solid waste management practices. Pre-proposals must pertain to the following topic areas:

- Waste minimization;
- Recycling;
- Waste conversion to energy, biofuels, chemicals, or other useful products;
- Strategies to promote diversion to higher and better uses;
- Landfilling.

Pre-proposal Deadline: December 1, 2020; May 1, 2021

Fahs-Beck Fund for Research and Experimentation

Through the Fahs-Beck Fund for Research and Experimentation Faculty / Post-Doctoral Grant Program ([Fahs-Beck Fellows](#)), grants of up to \$20,000 are available to help support the research of faculty members or post-doctoral researchers in the United States and Canada. Areas of interest to the Fund are: studies to develop, refine, evaluate, or disseminate innovative interventions designed to prevent or ameliorate major social, psychological, behavioral or public health problems affecting children, adults, couples, families, or communities, or studies that have the potential for adding significantly to knowledge about such problems. The research for which funding is requested must focus on the United States or Canada or on a comparison between the United States or Canada and one or more other countries.

Deadline: November 1, 2020; April 1, 2021

National Endowment for Financial Education: Research Grants

The National Endowment for Financial Education (NEFE) will open a [grant cycle](#) on October 1, 2020, that will reflect NEFE's current initiatives to:

- Develop directed research opportunities, in addition to traditional grantmaking;
- Bring together organizations that internally and externally fund financial well-being research to share research priorities and refine our research agenda;
- Host a research forum focused on financial literacy, behavior, perception and knowledge measurements related to financial well-being;
- Support a pipeline of scholars to build engagement with, and provide opportunities for, the research community;
- Frame how findings are disseminated from NEFE-funded research;
- Lead a series of regional convenings to listen and learn from others across the country.

Letter of Inquiry Deadline: December 1, 2020

NIH Collaborative Program for Multidisciplinary Teams – 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 9/22/2020, 5:00 p.m. if you are interested in submitting to this program.

This National Institutes of Health (NIH) funding opportunity announcement (FOA / PAR-20-103) 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.

^^

NSF ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions (Partnership Track) – 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 ADVANCE : Notify RCA by 10/01/2020, 5:00 p.m. if you are interested in submitting to this program.

The NSF ADVANCE program [NSF 20-554] contributes to the National Science

Foundation's goal of a more diverse and capable science and engineering workforce. In this solicitation, the NSF ADVANCE program seeks to build on prior NSF ADVANCE work and other research and literature concerning gender, racial, and ethnic equity. The NSF ADVANCE program goal is to broaden the implementation of evidence-based systemic change strategies that promote equity for STEM faculty in academic workplaces and the academic profession. The NSF ADVANCE program provides grants to enhance the systemic factors that support equity and inclusion and to mitigate the systemic factors that create inequities in the academic profession and workplaces. Systemic (or organizational) inequities may exist in areas such as policy and practice as well as in organizational culture and climate. For example, practices in academic departments that result in the inequitable allocation of service or teaching assignments may impede research productivity, delay advancement, and create a culture of differential treatment and rewards. Similarly, policies and procedures that do not mitigate implicit bias in hiring, tenure, and promotion decisions could lead to women and racial and ethnic minorities being evaluated less favorably, perpetuating historical under-participation in STEM academic careers and contributing to an academic climate that is not inclusive.

NDSU is eligible to apply for the Partnership track, which is designed to support the work to facilitate the broader adaptation of gender equity and systemic change strategies. Partnership projects are expected to result in national or regional transformation in STEM academic workplaces and the academic profession and demonstrate significant reach. Partnership projects can focus on the transformation of institutions and organizations and / or the transformation within one or more STEM disciplines.

LIMITED SUBMISSION: Organizations may be partners on multiple ADVANCE Partnership proposals in the same competition but can be the lead organization only on one Partnership proposal in the same competition.



NSF: National Artificial Intelligence (AI) Research Institutes - Limited Submission

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 AIRI: [Notify RCA](#) by 9/23/2020, 5:00 p.m. if you are interested in submitting to this program.

The National AI Research Institutes program [[NSF 20-604](#)] – a joint effort of NSF, USDA-NIFA, DHS S&T, DOT FHWA, and several industry partners – will fund Institutes comprising scientists, engineers, and educators united by a common focus on advancing the research frontiers in AI. AI Research Institutes will have as their primary focus the advancement of multidisciplinary, multi-stakeholder research on larger-scale, longer-time-horizon challenges in AI research than are supported in typical research grants. They will accelerate the development of transformational technologies by grounding that research in critical application sectors that can serve as motivation for foundational research advances and provide opportunities for the effective fielding of AI-powered innovation.

In this round of Institutes, proposals are being solicited in the following high-priority areas:

1. Human-AI Interaction and Collaboration;
2. AI Institute for Advances in Optimization;
3. AI and Advanced Cyberinfrastructure;
4. Advances in AI and Computer and Network Systems;
5. AI Institute in Dynamic Systems;
6. AI-Augmented Learning;
7. AI to Advance Biology; and
8. AI-Driven Innovation in Agriculture and the Food System.

LIMITED SUBMISSION: An organization may submit no more than two proposals to this solicitation as lead institution. Organizations wishing to contribute to more Institute proposals are encouraged to participate as non-lead organizations in Institute proposals in a manner that helps to create significant new research capabilities in new centers of AI leadership throughout the country. **An individual may be designated as senior personnel (which includes but is not limited to PI or co-PI) on at most one project team submitting to this solicitation.**

^^

NSF: Partnerships for Innovation – 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 PFI : [Notify RCA](#) by 10/15/2020, 5:00 p.m. if you are interested in submitting to this program.

The Partnerships for Innovation (PFI) Program [[NSF 19-506](#)] within the Division of Industrial Innovation and Partnerships (IIP) offers researchers from all disciplines of science and engineering funded by NSF the opportunity to perform translational research and technology development, catalyze partnerships and accelerate the transition of discoveries from the laboratory to the marketplace for societal benefit.

PFI has five broad goals:

1. identifying and supporting NSF-sponsored research and technologies that have the potential for accelerated commercialization;
2. supporting prior or current NSF-sponsored investigators, institutions of higher education, and non-profit organizations that partner with an institution of higher education in undertaking proof-of-concept work, including the development of technology prototypes that are derived from NSF-sponsored research and have potential market value;
3. promoting sustainable partnerships between NSF-funded institutions, industry, and other organizations within academia and the private sector with the purpose of accelerating the transfer of technology;
4. developing multi-disciplinary innovation ecosystems which involve and are responsive to the specific needs of academia and industry;
5. providing professional development, mentoring, and advice in entrepreneurship, project management, and technology and business development to innovators.

This solicitation offers two broad tracks for proposals:

- The **Technology Translation (PFI-TT) track** offers the opportunity to translate prior NSF-funded research results in any field of science or engineering into technological innovations with promising commercial potential and societal impact. PFI-TT supports commercial potential demonstration projects for academic research outputs in any NSF-funded science and engineering discipline. This demonstration is achieved through proof-of-concept, prototyping, technology development and/or scale-up work. Concurrently, students and postdoctoral researchers who participate in PFI-TT projects receive education and leadership training in innovation and entrepreneurship.

Successful PFI-TT projects generate technology-driven commercialization outcomes that address societal needs.

- The **Research Partnerships (PFI-RP) track** seeks to achieve the same goals as the PFI-TT track by supporting instead complex, multi-faceted technology development projects that are typically beyond the scope of a single researcher or institution and require a multi-organizational, interdisciplinary, synergistic collaboration. A PFI-RP project requires the creation of partnerships between academic researchers and third-party organizations such as industry, non-academic research organizations, federal laboratories, public or non-profit technology transfer organizations or other universities. Such partnerships are needed to conduct applied research on a stand-alone larger project toward commercialization and societal impact. In the absence of such synergistic partnership, the project's likelihood for success would be minimal.

The intended outcomes of both PFI-TT and PFI-RP tracks are: a) the commercialization of new intellectual property derived from NSF-funded research outputs; b) the creation of new or broader collaborations with industry (including increased corporate sponsored research); c) the licensing of NSF-funded research outputs to third party corporations or to start-up companies funded by a PFI team; and d) the training of future innovation and entrepreneurship leaders.

LIMITED SUBMISSION: There is no limit on the number of PFI-TT proposals an organization may submit to a deadline of this solicitation. However, an organization may not submit more than one (1) new or resubmitted PFI-RP proposal to a deadline of this solicitation.

^^

NSF: Sustainable Regional Systems Research Networks

The goal of this solicitation [[NSF 20-611](#)] is to fund convergent research and education that will advance sustainable regional systems (SRS) science, engineering, and education to facilitate the transformation of current regional systems to enhance sustainability. To further the advancement of SRS science, engineering, and education, NSF will support Full Scale proposals and Planning Grant proposals for Sustainable Regional Systems Research Networks (SRS RNs).

Sustainable regional systems are connected urban and rural systems that are

transforming their structures and processes collaboratively with the goal of measurably and equitably advancing the well-being of people and the planet. The purpose of the SRS RNs competition is to develop and support interdisciplinary, multi-organizational teams of investigators and stakeholders working collaboratively to produce cutting-edge convergent research, education, and outreach that addresses grand challenges in sustainable regional systems. SRS RNs will study multiscale regional systems to further SRS science, engineering, and education. Key elements will include new data, methods, and models to understand interactions between natural, human-built, and social systems; improved understanding of interdependencies, mutual benefits, and trade-offs of different wellbeing outcomes for humans and the environment; new and generalizable theories of change relevant to SRS; the co-production of knowledge; and exploration of concepts of social equity in sustainable regional systems across spatial and temporal scales. SRS RN outcomes will have the potential to inform societal actions for sustainability across urban systems and the connected rural communities that make up regional systems.

Subject to availability of funds and quality of proposals, this SRS RN solicitation will support projects in the following categories:

- **SRS RNs Full Scale Awards (Track 1).** These awards will support fundamental convergent research, education, and outreach that addresses engineering, environmental (biology, chemistry - including sensing, chemical analytics, and recyclable plastics, atmospheric sciences, hydrology, geology), computer and data sciences, and social and behavioral sciences of sustainable regional systems in partnerships that may embrace universities, colleges, practitioners, non-profit organizations, local governments, industry, and community groups. The award size is up to \$15 million total with a duration of 5 years.
- **SRS RNs Planning Grants (Track 2).** These awards are for capacity building to prepare project teams to propose future well-developed SRS RN Full Scale (Track 1) proposals. Each of these Track 2 awards will provide support for a period of one year and may be requested at a level not to exceed \$150,000 for the total budget.

SRS RNs will conduct innovative and pioneering fundamental research and education that is of a scale and complexity that would not be possible within a single organization, center, or through the normal collaborative modes of NSF research support in core programs.

Deadline: January 11, 2021



Retirement Research Foundation: Research Grants – 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.

RRF : Notify RCA by 10/07/2020, 5:00 p.m. if you are interested in submitting to this program.

The Retirement Research Foundation (RRF) funds research that seeks to identify interventions, policies and practices to improve the well-being of older adults and / or their caregivers. Preference is given to projects aimed at generating practical knowledge and guidance that can be used by advocates, policy-makers, providers, and the aging network. Of particular interest are:

- Interventional trials; translational studies; and health services and policy research;
- Projects that build on the investigator's past studies;
- Proposals that include robust dissemination plans, if appropriate, to assure that findings reach audiences positioned to act on them.

LIMITED SUBMISSION: Only one proposal / letter of inquiry is allowed per department per grant cycle.



Spencer Foundation: Small Research Grants on Education

The Small Research Grants Program supports education research projects that will contribute to the improvement of education, broadly conceived, with budgets up to \$50,000 for projects ranging from one to five years. Applications are accepted three times per year.

This program is “field-initiated” in that proposal submissions are not in response to a specific request for a particular research topic, discipline, design, method, or location. The goal for this program is to support rigorous, intellectually ambitious and technically sound research that is relevant to the most pressing questions and compelling opportunities in education.

Deadline: November 3, 2020 by noon (12pm)

^^

The National Academies of Sciences, Engineering, and Medicine Fellowship Opportunities

The National Academies of Sciences, Engineering, and Medicine (NASEM) offer several fellowships for both [early career faculty](#) and [middle-to-late career faculty](#). These opportunities include:

- National Research Council (NRC) Research Associateship Programs;
- Air Force Science & Technology Fellowship Program; and
- Ford Foundation Fellowship Programs.

[View the list of currently open opportunities >>](#)

^^

USDA-NIFA: Partnership Program

The [Partnership Grant program](#) is intended to foster cooperation between agriculture professionals and small groups of farmers and ranchers to catalyze on-farm research, demonstration, and education activities related to sustainable agriculture.

Examples of appropriate projects include: developing a curriculum about food storage for farmers and processors, on-farm testing of cropping system strategies or grazing systems, cooperative efforts to develop new marketing approaches, or investigations into new approaches to processing and / or adding value to sustainably produced farm products.

- Partnership Grants are for on-farm research, demonstration and / or educational projects and are funded for up to 24 months.
- Up to \$40,000 total funding request per application is allowed.
- An Agricultural Professional is the grant applicant and the project coordinator.
- Typically, three or more farmers or ranchers are expected to be substantially involved in the project.
- Each farm / ranch must be an independent and separate / distinct operation.

Deadline: October 22, 2020



VentureWell Faculty Grants

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.

VentureWell : Notify RCA by 9/25/2020, 5:00 p.m. if you are interested in submitting to this program.

VentureWell Faculty Grants provide up to \$30,000 to help fund and support faculty with innovative ideas to create new or transform existing courses and programs to help students develop novel, STEM-based inventions and gain the necessary entrepreneurial skills needed to bring these ideas to market.

LIMITED SUBMISSION: Only two proposals per institution are allowed per cycle.



Proposal Development Virtual Program

The Proposal Development Program provides professional development opportunities for faculty and staff who are new to proposal writing or are seeking a refresher about proposal writing skills and funding agency opportunities. This semester, these sessions will be held virtually on Zoom. [Register for these sessions >>](#)

Complete and Compliant Proposals to NSF

Wednesday, September 23, 2020 | 12-1pm

Learn about all the changes NSF has made to the proposal guidelines this year and the basics of determining what is required for a complete and compliant proposal. Topics covered will include:

- What to look for in solicitation requirements.
- How the Proposal and Award Policies and Procedures Guide (PAPPG) fits in.
- The new requirements for Biographical Sketch and Current and Pending templates.
- Presenters: Sheri Anderson and Cassie Johnson, Research Development Office

NSF EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations

Wednesday, September 30, 2020 | 12-1pm

The Established Program to Stimulate Competitive Research (EPSCoR) [RII Track-2](#) builds interjurisdictional collaborative teams of EPSCoR investigators in scientific focus areas consistent with NSF priorities. Central to the success of a proposal is the clear demonstration that the collaboration is well-positioned to produce outcomes that cannot be obtained through the efforts of a team in a single jurisdiction working alone. Proposals must clearly identify the roles and contributions of each partner in the project, the anticipated increases in research capacity and competitiveness, the projected workforce development and educational plan and outcomes, and the benefits to the jurisdictions, nation, and society.

This session will include an overview of the program, followed by discussion, tips, and Q&A for developing a Track-2 proposal.

Presenter: Julia Bowsher, Ph.D.

Associate Professor, Biological Sciences

PI of RII Track-2 FEC: *Insect Cryobiology and Ecophysiology (ICE)*

Network: *Integrating Genomics, Physiology and Modeling*

[Register for these sessions >>](#)

Upcoming Virtual Opportunities: Entrepreneur and SBIR / STTR Programs

There are several upcoming opportunities to learn more about SHARPhub, an NIH-funded program to assist in translating bioscience discoveries into startup companies, and the Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs:

- [Exploring SBIR / STTR Research Funding - Presentation at Women's Entrepreneurship Week](#)
September 21, 2020 | 5-6pm
- [How to Prepare a Budget for SBIR / STTR Proposals](#)
October 1, 2020 | 12-1pm
- [Developing Competitive SBIR / STTR Applications for NIH National Institute on Aging](#)
October 6, 2020 | 12-1pm
- [ABC of SBIR / STTR Funding](#)
October 8, 2020 | 8:30 am – 10am
- [SBIR / STTR Proposal Prep for NIH](#)
October 14, 2020 | 8:30 am – 1pm
- [SBIR Road Tour Week in the Midwest](#)
October 19, 2020 - 9am through October 23, 2020 - 11am
- [Commercialization Planning for SBIR / STTR Proposals](#)
October 26, 2020 | 8:30 am – 1pm

[^^](#)

POSTPONED: Export Controls Roundtable on Foreign Influence

The Export Controls Roundtable on Foreign Influence that was scheduled for Wednesday, September 23, 2020, has been postponed. A new date and time for this event will be announced when it has been finalized.

[^^](#)

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.

North Dakota State University does not discriminate on the basis of age, color, disability, gender expression/identity, genetic information, marital status, national origin, public assistance status, race, religion, sex, sexual orientation, or status as a U.S. veteran. Direct inquiries to: Equal Opportunity Specialist, Old Main 201, 701-231-7708 or Title IX/ADA Coordinator, Old Main 102, 701-231-6409.